

Franklin County, FL

RFP

Disaster Debris Removal and Disposal Services

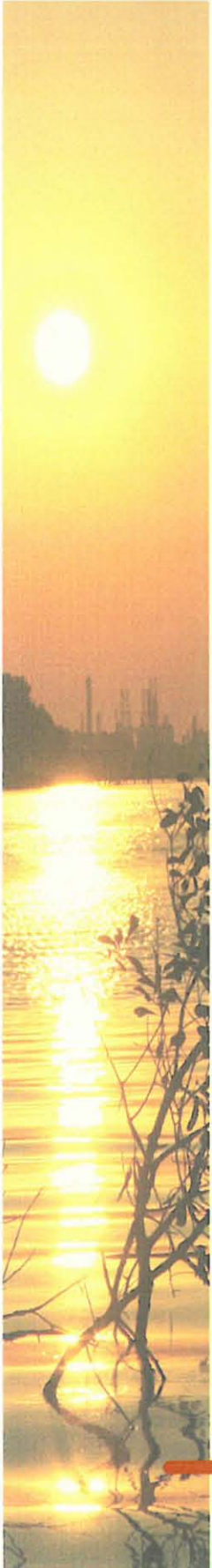
Friday, September 14, 2018 @ 3:00 pm



*CrowderGulf is committed to protecting
and preserving our environment.
As part of this effort, our proposal is on
recycled paper.*

John Ramsay, President & CEO
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Theodore, Alabama 36582
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A - STATEMENT OF INTEREST & INTRODUCTION



CrowderGulf

Disaster Recovery and Debris Management Specialists

5435 Business Parkway
Theodore, Alabama 36582

Office: (800) 992-6207
Fax: (251) 459-7433

TAB A – STATEMENT OF INTEREST & INTRODUCTION

Franklin County Clerk of Courts
Attn: Lori Hines
33 Market Street, Suite #203
Apalachicola, FL 32320

September 13, 2018

Re: RFP Disaster Debris Removal and Disposal Services

CrowderGulf is pleased to submit the enclosed proposal as a firm and irrevocable offer in response to the RFP referenced above. We want to express our desire to continue our longstanding relationship with Franklin County for Disaster Debris Removal and Disposal Services and believe we are the best company to provide the County the requested services based on our many years of experience and capabilities as synopsisized below and demonstrated in the attached proposal.

CrowderGulf is a national full-service debris management firm with over forty-nine (49) years' experience in helping communities like Franklin County recover from disasters. Having managed successful debris clean-up operations in fifteen (15) states, including Florida, we have developed one of the most capable recovery management teams in the Country. Our team completed 91 activations last Hurricane season and CrowderGulf received the **American Public Works Association – Florida Chapter 2018 Contractor of the Year Award** for our work within the City of Punta Gorda, Florida. Our disaster experience includes the completion of **over four hundred-fifty (450) disaster recovery projects** and success in removing, reducing and disposing of **over three hundred and fifty (350) million cubic yards of debris** and is testament to our ability to meet the scope of work established by the County.

CrowderGulf's management team includes previous FEMA Directors, Emergency Managers and qualified Debris Specialists with 40+ years of training and "boots on the ground" field experience. You will find our team fully knowledgeable in all aspects of debris clean-up from operational methodology to quality control and FEMA public assistance reimbursements. We recognize that an efficient, orderly and safe debris management operation can only be achieved by experienced on-site personnel. Our key management and field staff have obtained numerous FEMA and OSHA certifications in emergency management, safety and environmental compliance and remain with our client from contract activation to closeout.

The knowledge and experience of the CrowderGulf management team, coupled with our personal inventory of heavy equipment and a large cadre of dedicated subcontractors, has meant that every project has been completed successfully and within contract timelines. **Our team is dedicated in following FEMA guidelines and meeting 2 CFR requirements and we will meet all program standards as provided for in FEMA's Public Assistance Program and Policy Guide.** Our past experience enables us to assemble uniquely trained and experienced project teams and match specialized equipment and resources with project execution requirements. We believe training and pre-planning are keys to a successful debris removal operation. CrowderGulf provides **pre-planning** and **training** to our clients **free of charge** throughout the contract term.

CrowderGulf is committed to responding to any event in the County, regardless of size or type, with utmost promptness. We will have a senior management representative on site within **eight- twelve (8-12)** hours of notification of need and we will have manpower, equipment and other assets on site within **twenty-four (24)** hours of a Task Order or a Notice to Proceed. Our large cadre of local and regional subcontractors is also highly capable and fully prepared to respond within this same time frame.

John Campbell, Regional Director and Don Madio, Regional Manager, are very experienced members of the CrowderGulf team. These individuals are Florida residents and have first-hand experience working disaster declarations in the State of Florida. John and Don have been assigned to meet the needs and requests of the County throughout the year. They will provide valuable knowledge and experience with an inherent commitment and dedication to Franklin County.

Financial strength is one of the most important aspects for the County to consider when selecting a debris contractor. Following a major disaster, the County's financial burdens could be substantial. It is important to have a financially strong disaster-experienced contractor, such as CrowderGulf, that will work to get the job completed, regardless of any delays in invoice payments.

CrowderGulf's financial stability is solid and reliable and over the years we have established an excellent line of credit with our financial institution. We have always paid our subcontractors and personnel weekly. This ensures that we are able to provide the very best subcontractors for the County and that we are able to secure additional qualified subcontractors to fulfill any concurrent contracts. CrowderGulf has always met all financial obligations without interruption.

AGGREGATE BONDING CAPACITY	\$ 500,000,000
SINGLE BONDING CAPACITY	\$ 250,000,000
OTHER AVAILABLE FUNDING	\$ 80,000,000

CrowderGulf maintains **all required insurances** such as General Liability, Personal Injury, Workers Compensation, Automobile/Equipment Liability, as well as Maritime Insurance. Additional information regarding insurance has been presented with our proposal response.

CrowderGulf has encountered and successfully handled everything within the County's Scope of Work identified in the RFP. This includes removal of eligible disaster-related vegetation, construction & demolition (C&D), hazardous waste, white goods, e-goods, stump removal, marine debris removal, debris reduction and disposal etc. Details of our abilities are summarized in our Past Performance in the attached proposal. A summary of our debris management services include the following.

Our Disaster Management Services include the following:

Pre Planning and Training	Waterway Debris Removal	Demolition
Emergency Road Clearance	Marine Salvage	Dredging
ROW & ROW Debris Removal	Bio-Mass Recycling	Portable Housing
Development & Operation of DMS	Derelict Vehicle and Abandoned Vehicle Removal	Levee Construction
Final Debris Disposal	Removal & Disposal of White Goods & E-Goods	Sonar Scanning
Hazardous Materials Handling	Tree Trimming and Removal (leaners /hangers)	Marine Construction
Technical Disaster Recovery Assistance	Sand Removal, Screening & Breach Restoration	Cellular Tower Construction
Historic Property Preservation	Temporary Ice, Water and Other Consumables	Road and Utility Work
Bulkhead and Pier Replacement Pile Driving	Temporary Power Services/Generators	Land Clearing and Site Prep

We greatly appreciate the opportunity to submit this proposal. We assure you that our professional disaster debris team will continue to exceed the expectations of the County. We will be pleased to provide any additional information that would assist the County in its deliberations and look forward to your favorable response.

As the President of CrowderGulf, I attest that this proposal is presented in fairness and in good faith without collusion or fraud and I, John Ramsay, have the authority to bind CrowderGulf in all transactions relative to the award of RFP for Disaster Debris Removal and Disposal Services for Franklin County, Florida. In addition, Ashley Ramsay-Naile, Senior Vice President, also has the authority to bind the company.

Best Regards,



John Ramsay
President and CEO
jramsay@crowdergulf.com

B - EXPERIENCE





TAB B - EXPERIENCE OF CROWDERGULF

CrowderGulf At-A-Glance

- Full time (365 days/yr) Debris Management Company with over 49 years of successful experience in debris management, removal and disposal services.
- Bases of Operation:
 - Primary Theodore, Alabama
 - Satellite Offices Coral Springs, Davenport, Florahome, Clearwater & Winter Garden, FL
Rocky Mount, North Carolina
Hilton Head Island and Laurens, South Carolina
Austin and Denton, Texas
- **Never failed to complete** all contract obligations and never defaulted on a contract.
- **Committed to the same** Project Management Team remaining with the project from start to finish.
- Large cadre of management personnel with extensive disaster debris training and experience.
- **Completed simultaneous** debris projects after all major hurricanes **since 1969**.
- Over **450** disaster recovery projects successfully completed.
- Successfully removed, reduced and disposed of over **250 million cubic yards of debris**.
- Industry leader in **waterway debris removal**, including work after Hurricane Sandy and Deep Horizon Oil Spill.
- Fully committed to using local citizens and qualified local subcontractors to the maximum extent, including Minority Business Enterprise (MBE) owners.
- **No lawsuits, liens or judgments by clients ever** filed or pending and no bankruptcy proceedings filed or pending.
- **No lawsuits, liens or judgments by CrowderGulf to clients ever** filed.
- Over 350 pieces of company-owned/leased equipment available for rapid response.
- Experienced in providing FEMA compliant documentation to every client. We provide unlimited support and accurate documentation to help ensure that no clients are denied reimbursement.
- Well-developed and proven Debris Management and Operations Plan that is reviewed and revised after every event.
- Quality Control always maintained to reinforce the "Clean as You Go" policy for debris removal.
- Technical advice and training available to all clients throughout the contract term, at no cost to client.
- Significant financial strength:

AGGREGATE BONDING CAPACITY	\$ 500,000,000
SINGLE BONDING CAPACITY	\$ 250,000,000
OTHER AVAILABLE FUNDING	\$ 80,000,000



Over Forty-Nine Years of Debris Management Experience

CrowderGulf's owners, John and Woodie Ramsay, joined forces with local contractors in 1969 to clean up Biloxi and much of the Mississippi Gulf Coast after Hurricane Camille. The business continued to grow and in 1984, they began doing business as Gulf Equipment Corporation, an Alabama General Contractor licensed in seven Southeastern states. Based on the work generated, John and Woodie developed three divisions in Gulf Equipment: tower erection, construction, and disaster management.

In 2002, CrowderGulf was formally created by the Ramsay brothers as an independent disaster management company. During the last four and a half decades, CrowderGulf has managed over **450 disaster recovery projects in 15 states and has successfully removed, reduced and disposed of over 250 million cubic yards of debris**. CrowderGulf's current and past performance, as highlighted in this proposal, demonstrates our expertise in successfully completing multiple contracts simultaneously, regardless of their locations or the amount of damage.

CrowderGulf has encountered and successfully handled everything within the County's Scope of Work identified in this RFP. We are committed to completing every project in a minimum amount of time and in a safe, orderly, and practical manner. CrowderGulf contracts have involved disaster debris work in all eligible areas identified in FEMA's Public Assistance Program, Category A. The confidence that we can deliver services to the County effectively and efficiently is bred from our past successes.

All disaster management work is completed in full regulatory compliance with all agencies involved in disaster recovery, including the Federal Emergency Management Agency (FEMA), the Federal Highway Administration (FHWA), the Environmental Protection Agency (EPA), the Florida Department of Environmental Protection (FDEP), the Florida Department of Health, and the Florida Department of Transportation (FDOT). This commitment to regulatory detail has earned CrowderGulf a reputation as a company of integrity, dependability and reliability.

CrowderGulf is committed to working as a team with County personnel to facilitate the pre-planning that will assure a smooth debris removal operation in the event of a disaster. We can assist in preparing and updating Debris Management, Emergency Operations and Mitigation Plans. In addition, CrowderGulf will provide preparedness training designed specifically to meet the needs of Franklin County. **Our training and technical advice is provided free of charge throughout the contract term.**

The CrowderGulf Staff is dedicated to providing Franklin County with priority service, quality performance and expert on-site management. The combination of CrowderGulf's human resources, extensive equipment inventory, financial capacity and experienced subcontracting teams, allow the company to honor all contractual commitments with dispatch and efficiency, regardless of geographic location or size of disaster. The depth of these integrated components will also allow CrowderGulf to respond to those special needs of the County that may not have been considered in the pre-event contract.

CrowderGulf Services Available to Franklin County

CrowderGulf has a plan tailored to meet the needs and specific requirements of Franklin County. The services provided will consist of furnishing all labor, materials, and equipment to complete and deliver full Emergency Response and Recovery Services. CrowderGulf is able to offer the County the widest possible spectrum of debris management and disaster recovery services which are itemized below:

Pre Planning & Training

Annual pre-disaster debris management planning sessions include training, review of emergency management plans, Debris Management Site (DMS) selection and other disaster recovery components.

Emergency Road Clearance “PUSH”

CrowderGulf provides push services by making certain that roadways designated by the County are clear and passable within 70 working hours from issuance of a Notice to Proceed (NTP) with such clearance.



ROW & ROE Debris Removal

CrowderGulf performs permitting, clearing, and/or removing FEMA eligible disaster related debris from the public rights-of-way, private property, streets, roads, canals, lakes, ponds and waterways in the County's jurisdiction as directed. Each load of debris is accurately and verifiably recorded on load tickets and presented to the County daily along with requested daily and weekly reports.

Development and Operation of DMS

CrowderGulf constructs DMS to handle the volume of debris generated in the County by the disaster. Operation of the DMS includes debris separation, reduction, recycling and proper holding, separating and disposal of hazardous waste and fluids. DMS are fully restored to original condition after project completion. CrowderGulf can also assist in selecting and identifying appropriate DMS locations and provide site specific operational plans.



Final Debris Disposal

CrowderGulf disposes of all debris, including reduced debris, in accordance with all applicable federal, state and local laws, standards and regulations. Tipping fees are typically associated with final disposal facilities and can be paid by CrowderGulf and back billed at a later date as a pass through cost at the County's request.

Stump Removal

All stump removal will be conducted following all FEMA 325 regulations. Stumps left on the rights-of-way will be hauled as regular vegetative debris. Only hazardous stumps that meet FEMA stump requirements will be removed upon FEMA approval. Complete documentation will be collected before and after the extraction.



Tree Trimming & Removal (Leaners and Hangers)

CrowderGulf performs tree trimming and removal in accordance with American National Standard ANSI A300. Other tasks also associated with tree trimming are tree topping, stump grinding, grubbing, clearing, hauling and disposal of trees to abate imminent and/or significant threats to public health and safety. All Tree work is directed by the County and a FEMA representative.

Demolition

CrowderGulf provides demolition services and removal of condemned structures and buildings that pose a threat to public health and safety. All demolition services requested are commenced with safety and regulatory requirements in place and all local, state and federal requirements are followed.



Derelict Vehicle Removal & Abandoned Vehicle Removal



CrowderGulf can perform all aspects of vessel and vehicle removal from land or water. Also offered is assistance with Ownership records and contact verification procedures. If needed, a storage site is established, maintained and managed for the vessel and/or vehicle holding as may be required by law. Documentation is kept on all stages of the removal of each vessel and vehicle from collection to final disposal.

Removal & Disposal of White Goods & E-Goods

CrowderGulf is experienced in the special handling of white goods (refrigerators, stoves, ac units, etc.) and e-goods (electronic equipment). All regulations on the proper disposal of hazardous fluids removal are followed.

Waterway Debris Removal & Shoreline Restoration

CrowderGulf has completed numerous projects throughout the Southeast removing marine debris from storm water drainage ditches to large rivers and canal systems. Removal of debris from the rivers and canals can require the use of shallow draft boats and barges equipped with knuckle-booms or track-hoes with debris grapples. In shallow water areas with limited access and extremely sensitive areas, the debris will be removed by hand labor. CrowderGulf has also completed earthen fill repairs and restoration as well as armored shorelines consisting of rip-rap, (both stone and recycled concrete). Additionally, CrowderGulf has the capabilities and experience to install gabions, geo-web products and various types of bulkheads and retaining walls.



Sonar Scanning

CrowderGulf has conducted numerous large scale operations utilizing sonar imagery and underwater video and photography. Sonar scanning is a technological and efficient way to locate and remove sunken marine debris from waterways.

Technical Disaster Recovery Assistance

CrowderGulf can provide assistance with all aspects of the Public Assistance Program including damage survey reports, project worksheets, documentation support and consultations/negotiation services and any other technical assistance needed.



Other services CrowderGulf is experienced in are, but not limited to:

Household Hazardous Waste (HHW)	
Temporary Ice, Water and Other Consumables	
Levee Construction	Hazardous Materials Handling
Land Clearing and Site Preparation	Historic Property Preservation
Road and Utility Work	Temporary Power Services/Generators
Marine Salvage	Dredging
Marine Construction	Pile Driving
Bulkhead and Pier Replacement	Bio-Mass Recycling
Portable Housing	Wetlands Restoration
Cellular Tower Construction	

Unique Services - New Drone & GoPro Capabilities

CrowderGulf utilizes the latest in Drone Technology to access and document projects. As of 2015, CrowderGulf has utilized **3D Robotics Solo Smart Drones** and **DJI Phantom Series Drones** on some of our projects. At client's request and supplemental cost, implementation of aerial technology has provided beneficial intelligence of existing conditions to help better prepare the response for areas that are still unreachable by truck or boat. Coupled with state of the art software, real time aerial maps and models can be constructed on site to deliver information never before available to the client in a timely manner. These capabilities have increased the effectiveness of training with our Clients, by providing recent project data and experiences to reference. Pricing for the CG Drone Operations can be provided upon request.



*Aerial footage of the
Hurricane Matthew
Debris Removal
Operation on Hilton
Head Island, SC*

- Feb. 2017(left)

*Aerial Image of Debris
Management Site on Hilton
Head Island, SC during the
Hurricane Matthew Debris
Removal Operation (right) aided
in site documentation and
updates to client.*



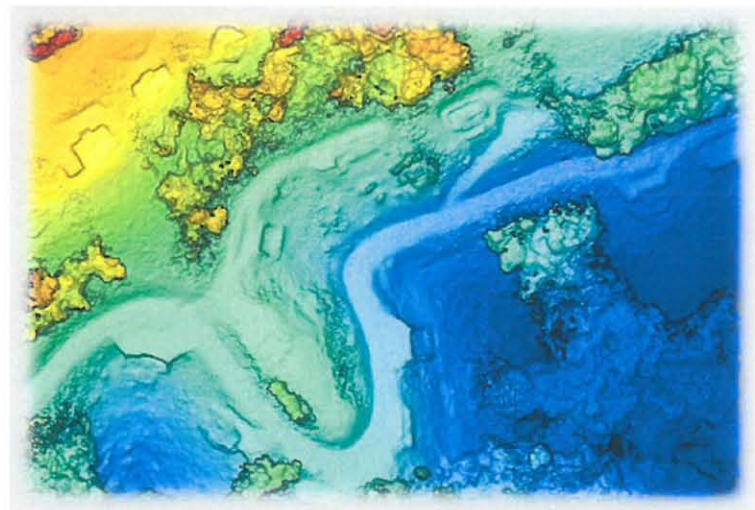
Benefits of Utilizing Drone Technology:

- High Resolution Aerial Maps of DMS or Affected Area
- Debris Estimation
- Damage Assessments
- 3D Computer Models
- High Definition Video
- Live Stream Video for EOC or other meetings
- Site/Project Documentation
- Historical Documentation
- Allows for effective decimation of information to the public showing the scope of the project
- Training
- Much more cost effective than traditional aerial platforms
- Can be deployed quickly in the most austere environments with little support



Custom Aerial Maps produced on site allow for the real time flow and decimation of critical information. These maps can be overlaid with annotations and area/volume calculations.

Advanced Topographical Maps can be generated and are useful in planning, recovery, and pickup operations.



Contract Management Experience- Ability to Handle Multiple Contracts

CrowderGulf has a proven track record of simultaneously managing multiple contracts and many specialty debris projects such as waterway debris removal and demolition. CrowderGulf has at its disposal an extensive inventory of company-owned equipment coupled with a large pool of dedicated subcontractors to complete any project, large or small.

The Summary Table below provides a snapshot of CrowderGulf's disaster-related work experience. It reflects the Company's ability to successfully complete multiple simultaneous disaster projects by providing the personnel and equipment resources needed, regardless of size, location, number of active projects, or the nature and severity of the disaster.

The 2017 Hurricane Season was extremely challenging as Hurricane Harvey caused extensive damage to the Texas Coast and two weeks later Hurricane Irma impacted the Florida Keys and stretched all the way to South and North Carolina.

In Texas, CrowderGulf had 27 contracts activated and debris removal operations were in full swing. Then Hurricane Irma visited Florida, leaving behind great damage and devastation. As a result, CrowderGulf's resources had to be quickly expanded and adjusted to accommodate 64 clients in Florida. While the usual initial chaos and stress for everyone after a disaster was present, CrowderGulf focused on serving all affected clients in both states as quickly and efficiently as possible. As a result, all jobs were finished within 180 days, with many clients being able to utilize the FEMA reimbursement incentives.

"Their (CrowderGulf) overall performance and management of each project I found to be exceedingly professional, They maintained their projected schedules, if not exceeding them in some cases, met our staff's expectations, performed within the contract documents, adhered to schedules and budgets defined within their' projects and the close-out process was smooth and submitted promptly."

***Cathie Lewis, Public Works Director
Town of Fort Myers Beach, FL***

Over 98% of the 368 disaster projects listed in the table below were the result of pre-event contracts that were activated after a disaster. CrowderGulf successfully provided every Client all documentation FEMA required for Client to receive reimbursement.

SUMMARY TABLE OF SIMULTANEOUS DISASTER DEBRIS PROJECTS					
Year	Hurricane	# of DMS Managed	Simultaneous Contract Activations	Approx. CY	Invoice Amt
2017	Hurricane Nate	1	3	110,000 CY	\$1,549,118
2017	Hurricane Irma (projects ongoing)	91	64	11,850,445 CY	\$180,937,263
2017	Hurricane Harvey (projects ongoing)	15	27	6,371,922 CY	\$86,676,080
2016	Hurricane Matthew	32	39	5,675,560 CY	\$82,267,725
2016	Hurricane Hermine (2 Activations)	3	2	401,366 CY	\$9,080,715
2016	Severe Storms, (Ice, Flood & Tornados)	1	12	648,612 CY	\$9,153,193
2015	Severe Storms, (Ice, Flood & Tornados)	0	15	109,578 CY	\$2,311,844
2014	Ice Storms Pax & Ulysses, Severe Storms (Flood & Tornados)	5	14	669,314 CY	\$9,866,559
2012	Sandy	1	4	727,194 CY	\$57,805,734
2012	Isaac	3	9	245,799 CY	\$2,821,936
2011	Irene	13	31	1,673,821 CY	\$14,754,641
2008	Ike	27	36	16,933,904 CY	\$178,318,425
2005	Dennis, Katrina, Rita, and Wilma	41	67	19,441,656 CY	\$279,764,959
2004	Charley, Frances, Ivan, Jeanne	61	36	16,800,678 CY	\$292,426,233
2003	Isabel	19	16	5,447,815 CY	\$66,344,733

Our ability to successfully manage multiple contracts is demonstrated in the following excerpts of our past experience following major natural disasters:

Past Experience

For all activations, CrowderGulf Management teams have been led by experienced and knowledgeable personnel well-versed in FEMA regulations, including eligible work, funding and reimbursement requirements. Several of CrowderGulf's personnel have held emergency management positions both locally, as well as state and federal positions. These individuals provide updates and training to CrowderGulf staff on a regular basis. Details of personnel qualifications are provided in the **Key Personnel Section** of this proposal.

The best way to demonstrate the qualifications, knowledge, and experience of CrowderGulf is to provide summaries of past performance and references to support our work, which we have provided below. CrowderGulf's ability to successfully manage multiple contracts, within client timelines and FEMA guidelines, is highlighted in the following excerpts of past experience following major natural disasters. A Summary Chart is included at the end of each year's work that shows the varied scopes of work that were completed.

2017 Hurricanes Harvey & Irma

Hurricane Harvey

Texas - On August 25, 2017, Hurricane Harvey, one of the strongest hurricanes to hit the United States since 2005, made landfall as a Category 4 Hurricane in Rockport, Texas. The maximum winds were 130 mph as it churned its way through Aransas County. As the storm continued to make its way along the eastern edge of the Texas coastline, additional impacts of storm surge and inland flooding affected numerous areas. The Houston metropolitan area observed between 30 and 60.5 inches of rain from this historic tropical system. Harvey destroyed 9,000 homes and damaged an additional 185,000 dwellings. CrowderGulf had 27 Texas County and Municipal contracts activated during this event and managed 25 Debris Management Sites (DMS), resulting in approximately **5 MILLION CUBIC YARDS** of debris being removed from ROW or ROE.



Hurricane Irma

Florida - On September 10, 2017, Hurricane Irma made two landfalls in the State of Florida. The first landfall was recorded in Cudjoe Key, Florida, with winds of 130 mph. The second landfall occurred in Naples, Florida, with sustained winds of 115 mph. This large hurricane impacted all of Florida as it moved north, causing 67 counties to be declared for FEMA Public Assistance. In response, CrowderGulf had 65 contract activations and managed 92 DMS in Florida while simultaneously managing 26 contract activations that occurred in August in the State of Texas, following Hurricane Harvey. Clean up included the removal of over **7 MILLION CUBIC YARDS** of debris and resulting in costs of over **100 MILLION DOLLARS**.

"I would like to thank you and your staff for the outstanding service provided to the County in 2017 due to Hurricane Irma"

*Russell A. Rowland, Assistant to
County Administrator,
Okeechobee County*

2017 Hurricane Harvey & Irma Projects and Tasks

91 Total Clients	Number of Clients in 2017 Hurricane Harvey & Irma Utilizing Task											
Contract Amt	PUSH Ops	ROW Hauling	Private Rds Hauling	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	E-waste	HHW	ADMS Utilized	Waterway Debris
\$271,124,074	7	91	15	49	91	36	12	18	15	15	79	2

2016 Hurricane Matthew

Georgia - On October 7th, 2016, Hurricane Matthew began its devastating impacts on thirteen Counties in Georgia. CrowderGulf's debris contracts were activated the following week in Liberty County (serving the County and the Cities of Hinesville, Midway and Riceboro) as well as two contract activations in Chatham County. The storm left over 182,460 cubic yards of vegetative storm debris, 2,055 leaners and hangers, 727 stumps and 75 tons of C&D to be removed, reduced (by air curtain incineration) and disposed in Liberty County. During our kick-off meeting, CrowderGulf was made aware the County elected to participate in the Public Assistance Pilot Program for expedited debris removal. CrowderGulf immediately began ramping up resources to successfully remove, reduce and dispose all debris within the given timeframe established by the County. Invoicing for the County was submitted in 30 day increments and supported by daily progress reports by both CrowderGulf and the monitoring Company. This close working relationship made participation in the Pilot Program successful for the County. The total project cost for Liberty County was \$1,736,692.

In Chatham County, the municipalities of Port Wentworth, Thunderbolt and Garden City activated their pre-event contracts with CrowderGulf. Port Wentworth recovered over 6,282 cubic yards of vegetative debris and removed 952 leaners and hangers while Garden City had 33,580 cubic yards of debris removed. Thunderbolt recovered 9,896 cubic yards of vegetative debris. All three municipalities reduced their debris by mulching/chipping. Three Georgia contracts were monitored by Tetra Tech and one was monitored by Witt O'Briens. All were completed in less than 90 days. The total project cost for Port Wentworth was approximately \$84,000, Thunderbolt was approximately \$108,700 and Garden City totaled \$365,490.

Florida - Following Hurricane Matthew impacting the east coast of Florida, CrowderGulf received 13 Florida contract activations from Counties and cities as far south as Martin County and as far north as Duval County. Utilizing 18 Project Managers, and numerous field supervisors and equipment assets, CrowderGulf removed over 1,695,743 cubic yards of debris and managed 13 debris management site locations. CrowderGulf forces were tasked with the removal of vegetative debris, C&D, leaners, hangers and stumps, and collection and disposal of white goods. Reduction was performed by burning, grinding and mulching debris. Additional contract activations were received by the Florida Department of Environmental Protection (FDEP) in Duval, Clay, St John's, Brevard, Volusia and Nassau Counties for Waterway Debris Removal. Costs for the recovery efforts in Florida were \$30,358,208.

South Carolina - CrowderGulf was activated by Hilton Head Island (HHI) on October 7, 2016. CrowderGulf supplied over 125 pieces of equipment which included 6 grinders and a Trammel screen plus an additional 300+ personnel to assist with the HHI's 12 communities with recovery operations. Reduction operations consisted of chipping and mulching at both Debris Management Site locations. CrowderGulf removed, reduced and disposed 2,989,342 cubic yards of vegetative debris and removed 42,058 hangers 5,301 leaners and 10,693 Cubic Yards of C&D material and managed 2 debris management site locations on the island for a total project cost of \$33,693,545.

Having worked in 2015 for the SCDOT to recover Richland and Lexington Counties from severe flooding, CrowderGulf was once again activated to aid Darlington, Florence and Sumter Counties with Hurricane Matthew debris removal. The SCDOT tasked CrowderGulf with removing debris on the right of way and hazardous leaners, hangers and stumps. CrowderGulf was responsible for debris removal from the following roads throughout the Counties:

State Maintained Roads

Darlington County
Florence County
Sumter County

County Maintained Roads

Florence County
Sumter County

City Maintained Roads

City of Sumter

CrowderGulf quickly mobilized forces and hired local companies to begin the debris removal. CrowderGulf set up 7 Debris Management Sites and reduced the debris by grinding. All of the mulch from reduction by grinding was hauled to mulch recycling facilities and papermills in the areas. None of the debris was hauled to any landfill which resulted in significant cost saving to the SCDOT from not paying landfill tipping fees. Overall, CrowderGulf removed and reduced over 500,000 cubic yards of debris in less than 90 days.

2016 Hurricane Matthew Projects and Tasks											
39 Total Clients		Number of Clients in 2016 Hurricane Matthew Utilizing Task									
Contract Amt	PUSH Ops	ROW Hauling	Private Rds Hauling	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	ADMS Utilized	Waterway Debris	Special Projects
\$82,267,725	8	33	3	24	33	12	6	2	18	1	5

2016 Floods & Storms

Texas Tornado – Starting in late December 2015, Severe Storms made their way through Texas (FEMA-4255-DR-TX) causing flooding and tornados. Our fist activation of the year was requested by Rowlett, TX. A tornado ripped through the town causing C&D debris to be scattered in its path. Over 70,000 cubic yards of debris was collected and disposed after this event. CrowderGulf was also tasked to remove and dispose of 140 white goods and 49 e-waste debris. It took 37 days to complete the project under the City's management. CrowderGulf also worked with the monitoring firm True North during this project. The total cost of this project was \$680,036.

Ice Storms – Late January, Virginia was the target for a winter storm (FEMA-4262-DR-VA). Approximately 16,000 cubic yards of vegetative, C&D and stump debris was collected, transported and disposed from the ROW in Essex County, VA due to this winter storm. The project was completed in 20 days and involved CrowderGulf working with the County, Virginia Peninsulas Public Service Authority (VPPSA) and the monitoring firm Rostan Solutions (aka Arcadis). The total cost of this project was \$138,739.

Louisiana Storms – Louisiana received their share of severe storms and flooding (FEMA-4263-DR-LA) in March. CrowderGulf was activated by St. John the Baptist Parish and Ouachita Parish. St. John the Baptist Parish relied on volunteers and its citizens to help in the recovery. The Parish requested that CrowderGulf only provide portable showers and restrooms for the volunteers and citizens.

Ouachita Parish, LA activated CrowderGulf at the end of March. After 53 days, CrowderGulf had removed and disposed of over 32,000 cubic yards of debris, 18 white goods, 105 Tires and 370 pieces of e-waste. In some areas, water had to recede before hauling could begin. The project total cost was \$397,774.

Second Round of Storms in Texas – In March, Texas received another round of storms, tornados and flooding (FEMA-4266-DR-TX). CrowderGulf was activated by Montgomery County, Newton County and Waller County.

Montgomery County tasked CrowderGulf with removing and disposing of vegetative debris and C&D debris. Just over 19,000 cubic yards of debris was removed in 21 days. Along with working with the County, CrowderGulf also teamed with the monitoring firm Tetra Tech. The total cost of the project was \$288,408.

Newton County Activated CrowderGulf near the beginning of April. Newton County was experiencing flooding and CrowderGulf was tasked with the removal and disposal of over 37,000 cubic yards of C&D debris. There were also 418 pieces of white goods removed and disposed of during the project. CrowderGulf has worked with their monitoring firm, Thompson consulting on the project. The total cost for this project was \$349,990.

Waller County was also affected by the storms with flooding and straight lined winds. CrowderGulf was activated to remove a small amount of vegetative and C&D debris. Just over 1,000 cubic yards of debris was removed and disposed of in 7 days. Along with working with the County, CrowderGulf also teamed with the monitoring firm Tetra Tech. The total cost of the project was \$19,674.

Third Round of Storms in Texas – In April another round of severe storms and flooding hit Texas (FEMA-4269-DR-TX). CrowderGulf was once again activated in Montgomery and Waller Counties. CrowderGulf worked in these counties with the same tasks as with the previous storm.

Montgomery County accumulated an additional 39,079 cubic yards of debris on this round of storms that was managed by CrowderGulf. The total cost for this project was \$520,549.

Waller County accumulated an additional 1,183 cubic yards of debris on this round of storms that was managed by CrowderGulf. The total cost for this project was \$18,402.

CrowderGulf was also activated in Brazoria County, TX. To date, CrowderGulf has removed approximately 19,202 cubic yards of C&D debris. The debris is being hauled to a final disposal facility and is being monitored by Tetra Tech. The cost of the project so far is estimated at \$301,984.

Along with the other Texas Counties, the contract for debris removal services has also been activated by the Texas General Land Office for the cleanup efforts on 20 miles of Brazoria County's beaches. CrowderGulf worked closely with their monitoring firm, Tetra Tech, on this project with over 6,000 cubic yards of vegetative debris being removed and disposed. The total cost of this project was \$397,252.

In August, Louisiana experienced storms that caused severe flooding. CrowderGulf was awarded a contract for debris removal in Central, LA in East Baton Rouge Parish. Among the debris hauled were C&D and HHW. CrowderGulf worked closely with the City's debris monitor, Debris Tech who is using their ADMS system. The final project total was: \$5,486,871 and our team removed and disposed of 324,951 cubic yards.

2015 Floods & Storms

Ice Storms - Early in 2015 the City of Raleigh activated the Pre-Event Contract and called on CrowderGulf to support debris removal operations within the City. The operation consisted of debris pickup from rights-of-way. CrowderGulf removed approximately 30,000 cubic yards of debris during the week long project.

Texas Flooding - In June of 2015, CrowderGulf was activated by Blanco County for debris removal operations after severe storms came through the County. Vegetative and C&D debris was collected and hauled directly to a landfill.

South Carolina Flooding - In early October 2015, a cold front with widespread heavy rain moved southeast across the Carolinas and interacted with Hurricane Joaquin to produce record breaking rains throughout the region. Rainfall across parts of South Carolina reached 500-year event levels, with areas within Richland County, SC experiencing 1-in-1,000 year levels. The record breaking rainfall overwhelmed the Midlands causing severe flooding, power outages, dam breaches, road washouts and bridge collapses.

On October 7, 2015, the South Carolina Department of Transportation (SCDOT), activated the CrowderGulf Pre-event Contract for *Disaster Recovery Assistance following a Declared Disaster*, to remove and dispose of flood debris from State maintained roads within Richland and Lexington County, SC. Soon thereafter, both Richland and Lexington County executed Memorandums of Understanding (MOU) with the SCDOT to enable CrowderGulf to also remove and dispose of flood generated debris from County maintained roads. CrowderGulf immediately mobilized forces and began debris removal operations simultaneously in both Counties. Over the next few weeks, CrowderGulf hauled the flood related debris, inclusive of demolished house debris, damaged furniture and possessions, electronic waste, appliances, white goods (washers, dryers, refrigerators, etc.) and household hazardous waste (HHW) to the local landfills. Overall CrowderGulf removed and disposed of over 33,000 cubic yards of debris, 20,000 pounds of HHW, 300 White Goods and 400 Electronic Goods. The majority of the above operations were completed within the first 30 days of the FEMA incident period to aid the State and Counties in applying for 85% reimbursement from the Federal Emergency Management Agency (FEMA).

Texas Tornadoes - In November of 2015, the City of Friendswood, TX experienced damages from a tornado that devastated several neighborhoods. CrowderGulf responded quickly to remove and dispose of the 8,700 cubic yards of debris.

2015 Storms Projects and Tasks								
15 Total Clients	Number of Clients in 2015 Storms Utilizing Task							
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	White Goods/ Ewaste	HHW	Wet Debris	Sand/ Beach Work	Special Projects
\$2,727,109	9	1	12	1	1	5	1	8

2014 Storms

Severe Flooding Event for the States of Alabama and Florida - Following 18-22 inches of rainfall in the States of Alabama and Florida coupled with tornados across the State of Alabama in April, CrowderGulf was activated by **eight** Alabama Contracts (Baldwin, Blount, DeKalb and Limestone Counties, and the Cities of Orange Beach, and Perdido Beach as well as the Alabama Department of Conservation and Natural Resources and Alabama Department of Transportation) and **two** Florida Contracts (Escambia and Walton Counties). The debris services included emergency debris removal and reduction of over **280,000** cubic yards of debris. It also involved managing citizen drop sites, removing over **600** leaning trees and hanging limbs from over **1000** trees, removing over 150 hazardous stumps, clearing storm debris from beaches, providing pumping stations for flooded areas, and removing drift debris from rivers. **The total event** utilized 10 subcontractors, 54 trucks including certified trailers (all averaging around 54 cubic yards capacity). Twelve tree crews and several more crews doing specialized tasks were used and all managed by CrowderGulf.

Ice Storms Pax and Ulysses - These February, 2014 ice storms produced primarily tree damage. CrowderGulf had **three** pre-event contracts activated as a result of these storms.



In both Berkeley County, SC, and Dorchester County, SC, CrowderGulf performed ROW debris removal, reduction, and final disposal of vegetative debris. CrowderGulf was also tasked with the removal of leaning trees and hanging limbs in both South Carolina counties. Hanging limbs were removed from over **30,000** trees from both counties and over **277,000** cubic yards of vegetative debris removed. All work in both counties was completed in a little over two months.

The third contract activated was Greensboro, NC, for debris removal. Work was completed in Greensboro in approximately **45** days and **13,510** tons of debris removed.

During these three projects, CrowderGulf managed 26 tree crews from 18 subcontractors to complete the work. Over 123 trucks were certified and hauled debris, including certified trailers (averaging approximately 67 cubic yards capacity).

2014 Storms Projects and Tasks										
13 Total Clients	Number of Clients in 2014 Storms Utilizing Task									
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	Burn	Grind	L&H	Stump Work	Wet Debris	Sand/ Beach Work	Special Projects
\$9,866,559	9	5	10	1	3	5	3	2	1	1

2012 Tropical Storms Beryl and Debby; Hurricanes Isaac and Sandy

Tropical Storms Beryl and Debby - Following two early season tropical storms, CrowderGulf was activated for debris removal in Nassau County, FL; Polk County, FL; and the Town of Fort Myers Beach, FL. The work consisted of hauling and reducing vegetative debris and cleaning and restoring beaches.

Hurricane Isaac - CrowderGulf had **nine** contracts activated across **three** states. Our work ranged from providing emergency "Push" operations in Key West, FL, sand removal and sand screening for the Town of Dauphin Island, AL, to debris removal and reduction, providing generators and removal of hazardous leaners and hangers.

Hurricane Sandy – This late season storm at the end of October affected the entire Eastern Seaboard from Florida to the New England states. By far, the greatest damage was inflicted on the New York and New Jersey coasts.



As part of the "Superstorm Sandy" cleanup, the State of New Jersey Department of Environmental Protection (NJDEP) awarded three waterway contracts in January, 2013. CrowderGulf was awarded the central coast of New Jersey where **the worst damage occurred**. In this area, the ocean surged over the densely populated chain of barrier islands and into Barnegat Bay causing massive destruction to the homes in its path. As a result, debris, sand, and multiple homes were washed into the Bay. Some homes were left almost intact while others were torn apart and strewn across the Bay waters.

CrowderGulf was tasked with removing all storm related debris from the Bay and all tributaries in the central region of New Jersey, including wetlands and salt marshes. Submerged debris required using side scan sonar to locate and document the submerged storm debris. CrowderGulf conducted side scan sonar, evaluated the results, and then directed crews to remove the identified debris. **Over 100,000 cubic yards of submerged and floating debris were removed.**

Crews completed the removal of eligible floating and submerged debris in approximately eight months. Part of this operation was the management of the aggregate site for the vessels and vehicles removed from the waterways, which included **6 vehicles and 117 vessels**. The total project value for this contract with the NJDEP was **over \$57,000,000**.

The Sandy waterway project in New Jersey presented several unique situations such as the requirement that no waterway debris could touch the ground. The debris had to be off-loaded directly into a debris hauling truck and taken to the final disposal site. CrowderGulf had to secure several off-loads sites and each site had to be approved by the NJDEP. Both public and private sites were identified and all necessary documentation secured before any site was used.

Besides removing eligible submerged debris, four large homes that were pushed into Barnegat Bay had to be demolished and removed. This was a slow and careful process conducted on the water using long-reach track hoes with grapples on barges to take the houses apart and load the debris onto debris barges. The house debris was taken to the off-load site and loaded into the hauling trucks for disposal.

The tremendous amount of debris that was deposited in the wetlands and salt marshes presented another unique situation. CrowderGulf was tasked with removing the eligible debris while ensuring minimal disturbance to these areas. CrowderGulf used specialized low ground pressure amphibious equipment to minimize further damage to the sensitive areas. In addition, all work was scheduled to accommodate the endangered/protected species in the region. Another unique aspect of this contract was the removal of over 300,000 cubic yards of displaced sediment that Sandy washed into Barnegat Bay. The operation involved mechanical dredging, hydrographic surveying, staging the dredged sediment for drying, screening the sediment, replacing beach quality sand on the ocean side, and hauling the remainder of the sediment and debris to a certified disposal site.

As a result, over **320,000** cubic yards of displaced sediment were dredged from the Bay areas and over 100,000 cubic yards of sediment were screened and returned to beach quality sand. The documentation for this part of the Sandy project required a combination of measures be implemented to document the dredged sediment. Pre- and post-hydrographic surveys were used in measuring the dredging that was done. The dirty and screened sediment, and resulting debris, were measured by truck loads and documented using cubic yards and truck load tickets.

CrowderGulf is the most experienced contractor in waterway disaster debris removal. During this project, several of our documentation methods and procedures were adopted and used as a model for the other two companies working under this contract.

Other projects, as a result of Hurricane Sandy, included activation by two coastal towns, one in Florida and the other in North Carolina. In November, 2012, CrowderGulf hauled and removed vegetative and C&D debris for Kitty Hawk, NC, and provided sand removal operations for roadways in Ft. Lauderdale, FL. These contracts resulted in the removal of over **274,725** cubic yards of debris at a cost of **\$3,016,226**.

Overall, during the 2012 season of two tropical storms and two hurricanes, CrowderGulf managed 15 subcontractors, which included 274 trucks, 3 tree crews, and multiple boat crews, side scan sonar crews, dredging and hydrographic surveying crews.

2012 Tropical Storm Beryl & Debby; Hurricanes Isaac & Sandy Projects and Tasks												
15 Total Clients	Number of Clients in Tropical Storms Beryl & Debby; Hurricanes Isaac & Sandy Utilizing Task											
Contract Amt	Push	ROW Hauling	Debris Reduction	Debris Disposal	Grind	Vessel/ Vehicle Removal	L&H	Wet Debris	Side Scan Sonar	Sand/ Beach Work	Special Projects	Generators
\$60,769,355	1	7	3	8	3	2	1	1	1	8	6	1

2011 Hurricane Irene

Following Hurricane Irene in 2011, CrowderGulf was activated for debris removal, reduction and disposal contracts by **20 municipalities in North Carolina and four municipalities in Virginia**. We were also awarded **six contracts with the North Carolina Department of Transportation (NCDOT) to remove debris from DOT roads in 13 counties**. During these activations we developed, managed and restored **13 temporary DMSs** and removed over **1.5 million cubic yards of debris**, for a total cost of **\$14,754,641**.

The work in North Carolina and Virginia primarily involved **ROW debris removal, reduction and disposal of both C&D and vegetative debris**. These contracts ranged from work that required no more than two trucks and one day of work, to sixty trucks and over three months work. Some towns had less than **5,000** cubic yards of debris removed while others had over **100,000** cubic yards. Regardless of the amount of debris, size or location, CrowderGulf provided immediate and effective debris removal to all clients.

During Hurricane Irene recovery, CrowderGulf worked with **four different monitoring firms** while managing **527 trucks from approximately 50 subcontractors**.

2011 Hurricane Irene Projects and Tasks											
25 Total Clients	Number of Clients in Hurricane Irene Utilizing Task										
Contract Amt.	Tonnage	ROW Hauling	Debris Reduction	Debris Disposal	Stump Work	Burn ACI	Grind	HHW	L&H	Monitoring Co	Special Projects
\$14,384,727	3	20	16	20	5	9	6	1	2	11	5

Throughout the Hurricane Irene work, CrowderGulf was also working along the Alabama Gulf Coast on the BP Deepwater Horizon oil spill cleanup.

2010 BP Deepwater Horizon Oil Spill

On April 20, 2010, the BP Deepwater Horizon oil spill occurred, eventually leaking an estimated **4.9 million** barrels of oil into the Gulf of Mexico. From the beginning, CrowderGulf played a role in the cleanup, responding first to the needs of our pre-event clients. Throughout this project, the CrowderGulf management team and crews worked hand in hand with local, state, federal agencies and municipalities as well as with BP management and BP Safety, Quality Assurance and Quality Control personnel to safely and efficiently complete the project.



In all efforts, CrowderGulf complied with all laws, rules and regulations designed to protect the environment and wildlife habitats. In every aspect of the project, CrowderGulf remained sensitive to public concerns and requests. After September, 2010, CrowderGulf was primarily involved in on-shore cleanup using hand crews and power screening. This operation included simultaneously managing five field offices in two counties. At the height of the response, work at these five sites involved the employment of over **1,200 people** and approximately **700 pieces of equipment** to clean Alabama beaches. In approximately five months, CrowderGulf screened the entire Alabama coast from the toe of the dunes to ten feet above the rack line. This required the coordination of over **160 pieces of heavy equipment**, including **40 one-ton off-road trucks** and **JD-330 size excavators** with operators. Approximately **7 billion pounds** of sand was screened and over **3 million pounds of hydrocarbon** material was recovered from the beaches in both counties.

CrowderGulf also provided services to several pre-event contract clients along the Gulf Coast that were directly affected by the Deep Horizon oil spill.

Other types of operations we conducted in response to the Oil Spill include:

Work Performed	Location	Purpose of Work
Berm Construction	Dauphin Island, AL	Prevent oil from reaching beach areas
Lagoon Pass Dredging to close opening to Gulf	Gulf Shores, AL	To protect lagoon from oil contamination
Back Bay Skimming	Orange Beach, AL	Provided boats and skimmers to patrol back bay waters in an effort to remove oil sheen
Boom Placement	Baldwin County	Prevent oil from coming ashore and protection of wetlands
Anchor Retrieval	Alabama Gulf Coast Ways	Locate by side scan sonar and retrieve boom anchors abandoned by other contractors
Gabian Basket Removal	Dauphin Island/Fort Morgan	Removed from Surf Line

2008 Hurricane Ike

After Hurricane Ike in 2008, CrowderGulf managed **36 contracts** and removed, reduced and disposed of approximately **17 million cubic yards of debris**. During these activations, we developed, **managed and restored 27 temporary DMSs**. The total cost for these contracts was approximately **\$180,000,000**. This operation included Right-of-Way (ROW) and Right-of-Entry (ROE) debris removal, reduction and disposal, demolition, leaning trees and hanging limbs removal and disposal, stump removal and disposal, removal and proper disposal of white goods, e-goods, tires, hazardous household materials and abandoned vehicles and vessels, marine debris removal and disposal, and beach cleaning and sand screening.

Hurricane Ike did the most damage in Texas and, as a result, CrowderGulf had pre-event contracts activated in **five counties and 23 cities in that state**. Two days before Hurricane Ike made landfall, CrowderGulf's management team was on-site in Texas and communicating with the counties and cities in preparation to begin immediate response and recovery efforts for debris removal. Immediately after the storm, CrowderGulf's management team and subcontractors were in place to begin the cleanup in affected areas of Texas.



Throughout the recovery process, the same CrowderGulf senior management personnel were directly involved with the cleanup operation and worked closely with county, state and federal officials and their representatives to ensure that all debris was FEMA eligible and reimbursable. CrowderGulf communicated daily with all appropriate officials and assisted in decision-making to successfully complete the project.

CrowderGulf **simultaneously completed three contracts for the Texas General Land Office (GLO)** for beach cleaning which included sand screening, side scan sonar of gulf and bay waters, removal and disposal of sunken debris, and removal and disposal of abandoned and sunken vessels in waterways under the responsibility of the GLO.

2008 Hurricane Ike Projects and Tasks											
36 Total Clients	Number of Clients in Hurricane Ike Utilizing Task										
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	ROE	Haz Mat	HHW	L&H	Marine Debris	Special Projects	Vacuum Truck	Generators
\$176,411,377	28	21	22	5	1	12	7	7	5	2	4

2005 Hurricanes Katrina, Rita and Wilma

Following these storms, CrowderGulf had **56 contracts** activated **across five states**, and completed all of them successfully by removing, reducing and disposing of over **18 million cubic yards** of debris. We developed, managed and restored **35 temporary DMSs** during these activations. The total cost for these contracts was approximately **\$267,000,000**. This operation included ROW and ROE debris removal, reduction and disposal, demolition, leaning trees and hanging limbs removal and disposal, stump removal and disposal, removal of marine debris, removal and proper disposal of white goods, e-goods, tires, hazardous household materials, abandoned vehicles and vessels, sand screening and beach restoration.

2005 Hurricanes Katrina, Rita & Wilma Projects and Tasks														
56 Total Clients	Number of Clients in Hurricanes Katrina, Rita & Wilma Utilizing Task													
Contract Amt.	PUSH	ROW Hauling	Debris Reduction	Debris Disposal	ROE	Stump Work	L&H	White Goods/E-Goods	Demo	Side Scan Sonar	Sand Screening	Marine Debris	Vac Trucks	Generators
\$265,772,848	13	27	21	27	6	8	4	2	3	4	4	9	1	5

2004 Hurricanes Charley, Frances, Ivan, Jeanne

In 2004, as a result of the four hurricanes within a six week span, CrowderGulf had **36 pre-event contracts** activated. 23 of these were in Florida, 12 in Alabama, and one in Mississippi. All of these projects were in operation simultaneously during the period from October, 2004 through December, 2004, and some continued through June, 2005. During these activations we developed, managed and restored **61 temporary DMSs** and removed over **16 million cubic yards** of debris during this timeframe for a total cost of **\$292,426,233**.

CrowderGulf was activated by both large and small municipalities and provided quality service to all of them. CrowderGulf had nine field offices in operation during these projects. All field offices were operated by local citizens who were provided on-the-job-training and were managed by CrowderGulf's on-site senior management.

As with all of CrowderGulf's projects, from the beginning to the end of the work, CrowderGulf's Management Teams remained the same for each contract, and met with County officials daily to provide the leadership and guidance that allowed all of the damaged areas to be cleaned up in an organized manner. As a result, correct decisions were made in order to get the eligible hurricane debris removed and to restore the Cities/Counties to normal, as quickly as possible. In addition, CrowderGulf helped City and County officials ensure FEMA reimbursement for all eligible work.

2004 Hurricanes Charley, Frances, Ivan & Jeanne Projects and Tasks											
36 Total Clients	Number of Clients in Hurricanes Charley, Frances, Ivan & Jeanne Utilizing Task										
Contract Amt	PUSH	ROW Hauling	Debris Reduction	Debris Disposal	Stump Work	L&H	White Goods/E-Goods	Beach Work	Wet Debris	Generators	Special Projects
\$276,149,129	8	28	23	27	16	6	4	4	2	1	2

2003 Hurricane Isabel

On September 17, 2003, the day before Hurricane Isabel made landfall, CrowderGulf was issued a NTP by the Virginia Peninsulas Public Service Authority (VPPSA) for the Cities of Newport News and Poquoson, and the Counties of James City and York. On the same day, the Southeastern Public Service Authority (SPSA) issued CrowderGulf a NTP for the Cities of Norfolk, Suffolk, Virginia Beach and Isle of Wight and Southampton Counties. CrowderGulf subsequently mobilized **1,063 trucks, 155 loaders, eleven tub grinders, nine air curtain incinerators, and numerous pieces of support equipment. Manpower mobilization exceeded 1,450 people.**

CrowderGulf was also activated by **seven additional municipalities** after Hurricane Isabel. In Dare County, CrowderGulf mobilized manpower and equipment by ferry and barge. During these activations we developed, managed and restored **19 temporary DMSs and removed over 5 million cubic yards of debris, for a total cost of \$66,344,733.**

2003 Hurricane Isabel Projects and Tasks									
16 Total Clients	Number of Clients in Hurricane Isabel Utilizing Task								
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	Stump Work	Burn ACI	Grind	L&H	Wet Debris	Beach Work
\$66,344,733	16	15	16	11	5	12	3	1	1

The work in North Carolina and Virginia primarily involved ROW debris removal, reduction and disposal of C&D and vegetative debris, right-of-entry debris removal, tree removal, demolition of structures, sand screening, rebuilding and replanting sand dunes and white goods removal and disposal.

Past Performance Chart

The chart below contains a partial listing of contracted work accomplished by CrowderGulf as Prime Contractor (unless otherwise stated) for the past **5 years**. If CrowderGulf was activated to pre-position for emergency road clearing operations, the word "Push" is listed under the Description of Work. An actual response time can be different for each client depending on their issuance of a NTP and the terms of their contract. Please feel free to contact any of our past clients for references regarding our past performance. A complete past performance list can be made available dating back to Hurricane Frederick in 1979 if requested.

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
2017 Hurricane Nate		\$1,549,118 Total Event Cost	110,000 Total Event CY	
Dauphin Island, AL 10/8/2017-4/3/2018	Clearing Sand from the Roads	\$1,524,505	108,499	Jeff Collier, Mayor, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, jcollier@townofdauphinisland.org Wanda Sandagger, Administrative Assistant, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, wsandagger@townofdauphinisland.org
Dauphin Island Water Authority, AL 12/12/2017-12/15/2017	Sand Push	\$5,702	Hrly	Vaile Feemster, DIWSA@AOL.COM
Mobile, AL 11/16/2017-11/20/2017	Removed & Disposed: C&D,	\$18,911	2,044	Bill Harkins, Public Works Dir, harkinsb@cityofmobile.org
2017 Hurricane Irma	64 Contracts Activated for Event - 115 DMS Managed for Event	\$180,937,263 Total Event Cost	11,850,445 Total Event CY	
Apopka, FL 9/24/2017-01/26/2018	Removed & Disposed: vegetation, hangers (1,194 ea), stumps (15); Tasks: Storm Sewer Cleaning; Monitored by Landfall Strategies	\$2,108,037	150,294	Josh Robinson, Solid Waste Operations Manager, 748 E. Cleveland St. Apopka, FL 32703, 407-703-1731 fax: 407-703-1748 jrobinson@apopka.net
Arcadia, FL 10/2/2017-12/11/2017	Removed & Disposed: vegetation Reduced: at 1 site by burning Monitored by Landfall Strategies	\$499,521	35,182	Beth Carsten, Finance Director 23 North Polk Ave. Arcadia, FL 34266, 863-494-4114 fax: 863-494-4712 ecarsten@arcadia-fl.gov Penny Delaney, City Clerk 23 North Polk Ave. Arcadia, FL 34266 863-494-4114 fax: 863-494-4712 pdelaney@arcadia-fl.gov
Aventura, FL 9/15/2017-11/07/2017	Removed & Disposed: vegetation, mulch, hangers (708 trees) Reduced: at 1 site by grinding Monitored by Volkert	\$349,602	10,865	Joseph Kroll, Public Works Director 19200 W. County Club Drive Aventura, FL 33180 cell: 305-525-1694, ofc: 305-466-8970 fax: 305-466-3277 jkroll@cityofaventura.com Alan Levin, Public Works Operations Manager 19200 W. County Club Drive Aventura, FL 33180 cell: 305-218-6844 ofc: 305-466-8931 alevine@cityofaventura.com
Bonita Springs, FL 9/23/2017-12/12/2017	Removed & Disposed: C&D, vegetation, mulch, leaners (355) / hangers (10,091 trees) Reduced: at 1 site by grinding Monitored by Thompson - ADMS	\$6,546,151	538,975	Matt Feeney, Public Works Director 9101 Bonita Beach Road, Bonita Springs, FL 34135 ofc: 239-949-6246 fax: 239-949-6245 matt.feeney@cityofbonitasprings.org Arleen Hunter, Assistant City Manager 9101 Bonita Beach Road, Bonita Springs, FL 34135 ofc: 239-949-6262 Arleen.hunter@cityofbonitasprings.org
Brevard Co, FL 9/18/2017-11/29/2017	Removed & Disposed: C&D, vegetation, mulch Reduced: at 4 site by grinding Monitored by Tetra Tech - ADMS	\$2,370,624	172,031	"Euri" Euripides Rodriguez, SW Dir, 2725 Judge Fran Jamieson Way, Bldg A, Ste 118, Viera, FL 32940, 321-633-2042, euripides.rodriguez@brevardcounty.us
Casselberry, FL 9/20/2017-01/03/2018	Removed & Disposed: C&D, vegetation, mulch, leaners (58) / hangers (26 trees), stumps (21) Reduced: at 4 site by grinding Monitored by Tetra Tech - ADMS	\$364,046	30,629	Mr. Charles "Chuck" Smith Public Works Parks and Facilities Supervisor 95 Triplet Lake Drive Casselberry, FL 32707 cell: 321-388-4194 ofc: 407-262-7725 xt. 1717 csmith@casselberry.org Willie Velez, Procurement Administrator 95 Triplet Lake Drive Casselberry, FL 32707 ofc: 407-262-7700 xt. 1137 fax: 407-262-7746, wvelez@casselberry.org
Charlotte County, FL 11/11/2017-01/26/2018	Removed & Disposed: C&D, vegetation, leaners (238) / hangers (5,070 trees) Monitored by Tetra Tech - ADMS	\$929,614	39,912	Richard Allen, SW Operations Manager, 25550 Harbor View Rd, Unit 2, Port Charlotte, FL 33982, 941-764-4393, richard.allen@charlottecountyfl.gov

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Chatham Co, GA 9/20/2017-1/9/2018	Removed & Disposed: C&D, vegetation, mulch Reduced: at 1 site by grinding Monitored by Thompson- ADMS	\$460,049	46,102	Robert Drewry , Director of Public Works 7226 Varnedoe Drive Savannah, GA 31406 ofc: 912-652-6842 fax: 912-652-6845 rdrewry@chathamcounty.org	Robin L. Maurer , Assistant Purchasing Director 1117 Eisenhower Drive, Suite C Savannah, GA 31406 ofc: 912-790-1623 fax: 912-790-1627 rmaurer@chathamcounty.org
Clay Co, FL 9/18/2017-1/10/2018	Removed & Disposed: C&D, vegetation, mulch, leaners / hangers; Reduced: at 6 site by grinding Monitored by Landfall Strategies	\$5,125,048	511,346	John Ward , EM Dir, 2519 SR 16 W, Green Cove Springs, FL 32043, 904-541-2767, John.Ward@claycountygov.com	
Cocoa Beach, FL 9/18/2017-10/25/2017	Removed & Disposed: C&D, vegetation, mulch, compacted C&D; Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$207,256	20,986	Rob Strong , Project Manager, Public Works, 1600 Minutemen Causeway, Cocoa Beach, FL 32932, 321-868-3316, rstrong@cityofcocoa-beach.com	
Coleman, FL 9/25/2017-12/18/2017	Removed & Disposed: vegetation, mulch, Stumps (6) Reduced: at 1 site by grinding Self Monitored	\$28,464	3,030	Mayor Milton Hill , 3502 E. Warm Springs Avenue Coleman, FL 33521 cell: 352-978-9938 ofc: 352-748-1017 Fax: 352-748-2291 miltonhill@cityofcolemanfl.com	Ruth Busby , Public Services Director 3502 E. Warm Springs Avenue Coleman, FL 33521 ofc: 352-748-1017 Fax: 352-748-2291 ruthbusby@cityofcolemanfl.com
Collier County, FL 5/15/2018-Ongoing	Removed & Disposed: drainage ditch debris, stumps (769), leaners (473); Monitored by Tetra Tech - ADMS	\$1,843,321	7,909	Gino Santabarbara , Gino.Santabarbara@colliercountyfl.gov	Tony Barone , Tony.Barone@colliercountyfl.gov
Deltona, FL 9/19/2017-12/18/2017	Removed & Disposed: vegetation, mulch, leaners (99) / hangers (2,734 trees); Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$3,257,453	292,339	Matt Doan , PW Dir, 2345 Providence Blvd, Deltona, FL 32725, 386-878-8950, mdoan@deltonafl.gov	
DeSoto Co, FL 10/2/2017-02/15/2018	Removed & Disposed: vegetation, mulch, leaners (459) / hangers (1 trees), stumps (228); Reduced: at 1 site by grinding Monitored by Landfall Strategies	\$1,492,258	111,420	Tom Moran , Emergency Management Director 2200 NE Roan Street Arcadia, FL 34266 Cell: 863-993-5855, Ofc: 863-993-4831, Fax: 863-993-4840 t.moran@desotobocc.com	Cindy Talamantez , Purchasing Director 201 E. Oak Street, Suite 203 Arcadia, FL 34266 Ofc: 863-993-4816 Fax: 863-993-4819 c.talamantez@desotobocc.com
Edgewater, FL 9/19/2017-11/2/2017	Removed & Disposed: vegetation Monitored by Witt O'Briens - ADMS	\$409,725	57,936	Brenda DeWees , Dir of Env Services, 409 Mango Tree Drive Edgewater, FL 32132 386-424-2400, bdeweess@cityofedgewater.org	
Edgewood, FL 9/21/2017-11/9/2017	Removed & Disposed: vegetation, mulch Reduced: at 1 site by grinding Monitored by Landfall Strategies	\$214,703	17,371	Bea L. Meeks , City Clerk, 405 Larue Ave. Edgewood, FL 32809 Cell: 352-267-8839, Ofc: 407-851-2920 Fax: 407-851-7361 bmeeks@edgewood-fl.gov	Mayor Ray Bagshaw 405 Larue Ave. Edgewood, FL 32809 Cell: 407-230-0355, Ofc: 407-851-2920 rbagshaw@edgewood-fl.gov
Estero, FL 09/22/2017-02/04/2018	Removed & Disposed: vegetation Monitored by Rostan	\$30,998	1,595	David Willems , Public Works Director 9401 Corkscrew Palms Circle Estero, FL 33928 239-221-5035 willems@estero-fl.gov	
Flagler Beach, FL 9/22/2017-10/21/2017	Removed & Disposed: vegetation, C&D, mulch Reduced: at 2 site by grinding; Monitored by Thompson - ADMS	\$320,363	27,398	Larry Newsom , City Manager, 105 South Second St, Flagler Beach, FL 32136, 386-517-2000, lnewsom@cityofflaglerbeach.com	
FL DEP – Waterway 09/18/2017-03/31/2018	Waterway Debris Removal; Remove waterway debris with boats to an offload site, load onto trucks for disposal	\$43,636,590	267,008	Scott Woolam , Sr Program Analyst, Div of State Lands, 3900 Commonwealth Blvd, Mail Station 100, Tallahassee, FL 32399-3000, 850-245-2806, Scott.Woolam@dep.state.fl.us	
Flagler Co, FL 9/26/2017-11/6/2017	Removed & Disposed: vegetation Monitored by Eisman Russo	\$402,926	22,491	Richard Gordon , Asst Co Engineer, 1769 E Moody Blvd, Building 2, Bunnell, FL 32110, 386-313-4006, rgordon@flaglercounty.org	
Ft Myers, FL 9/27/2017-12/5/2017	Removed & Disposed: vegetation, mulch, leaners (47) / hangers (3,060 trees) Reduced: at 2 site by grinding Monitored by Thompson - ADMS	\$3,757,645	331,967	Mr. Saeed Kazemi , City Manager 2200 Second Street Ft. Myers, FL 33901 Cell: 239-851-1753 Ofc: 239-321-7024 SKazemi@cityfymyrs.com	Sandra Ryan , Interim Dep. City Clerk 2200 Second Stret Ft. Myers, FL 33901 Ofc: 239-321-7035
Ft Myers Beach, FL 9/27/2017-12/7/2017	Removed & Disposed: vegetation, mulch Monitored by Thompson - ADMS	\$257,847	24,783	Roger Hernstadt , Town Manager 2523 Estero Blvd. Fort Myers Beach, FL 33931 Ofc: 239-765-0202 Fax: 239-765-0909 Roger.fmbgov.com	Scott Baker , Director of Public Works 2523 Estero Blvd. Fort Myers Beach, FL 33931 Cell: 239-218-7733 Ofc: 239-765-0202 sbaker@fortmyersbeachfl.gov

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Glades Co, FL 10/3/2017-2/26/2018	Removed & Disposed: vegetation, C&D Reduced: at 6 site by burning Monitored by Thompson - ADMS	\$389,826	47,493	Angela Snow Colegrove , EM Director 500 Ave J. Moore Haven, FL 33471 Cell: 863-673-1837 Ofc: 863-946-6020 Fax: 863-946-1091 asnow@myglades.com	Paul Carlisle , County Manager 500 Ave J. Moore Haven, FL 33471 Ofc: 863-946-6000 pcarlisle@myglades.com
Hardee Co, FL 9/19/2017-1/31/2018	Removed & Disposed: vegetation, C&D, hangers (1,124) Monitored by Witt O'Briens - ADMS	\$1,062,954	78,968	Jill Newman , EM Director 404 W. Orange St. Wauchula, FL 33873 Cell: 863-832-0324 Ofc: 863-773-6373 Fax: 863-773-9390 jill.newman@hardeecounty.net	Willie Nabong , PW Director 205 Hanchey Road Wauchula, FL 33873 Ofc: 863-773-3272 Fax: 863-773-0107 willie.nabong@hardeecounty.net
Jupiter, FL 9/11/2017-10/24/2017	Push Operations Removed & Disposed: vegetation, C&D Monitored by Tetra Tech - ADMS	\$370,101	43,668	Mr. Thomas "Tom" Discoll , Director of Engineering & Public Works 210 Military Trail Jupiter, FL 33458 Cell: 561-440-0213 Ofc: 561-741-2215 Fax: 561-741-2515 thomasd@jupiter.fl.us	Mr. Doug Koennicke , Town Engineer 210 Military Trail Jupiter, FL 33458 Ofc: 561-741-2258 Cell: 561-723-4680, dougk@jupiter.fl.us
Kissimmee, FL 9/18/2017-12/16/2017	Removed & Disposed: vegetation, C&D, mulch, e-waste (21) Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$515,524	48,906	Kerrith Fiddler , PW Director, 101 Church Street, Suite 301 Kissimmee, FL 34741 Cell: 407-252-7823 Ofc: 407-518-2164 kfiddler@kissimmee.org	George Allen , PW Operations Assistant Director 101 Church Street Kissimmee, FL 34741 Ofc: 407-518-2523 Cell: 407-624-0155 gallen@kissimmee.org
Lake Co, FL 9/16/2017-02/28/2018	Removed & Disposed: vegetation, mulch, hangers (3,918 trees), leaners (22); Reduced: at 3 site by grinding Monitored by Tetra Tech - ADMS	\$6,162,273	563,585	Mary Hamilton Environmental Services Mgr., 323 N. Sinclair Ave. Tavares, FL 32778 Ofc: 352-483-9006 mhamilton@lakecountyfl.com	David Salinas , Public Works Landfill Supervisor., 13130 County Landfill Rd., Tavares, FL 32778 Cell: 352-636-0851 Ofc: 352-343-3776 Fax: 352-253-1690 dsalinas@lakecountyfl.gov
Lake Mary, FL 9/19/2017-12/9/2017	Removed & Disposed: vegetation, C&D, mulch, leaners (10), hangers (453 trees); Reduced: at 1 site by grinding Monitored by Thompson - ADMS	\$563,576	55,642	Bruce Paster , PW Director 911 Wallace Court Lake Mary, FL 32746 Cell: 407-463-8133 Ofc: 407-585-1452 bpaster@lakemaryfl.com	Jill Alvarez , Purchasing Coordinator 100 N. Country Club Road Lake Mary, FL 32746 Ofc: 407-585-1403 Fax: 407-585-1464 jalvarez@lakemaryfl.com
Lakeland, FL 9/19/2017-01/14/2018	Removed & Disposed: vegetation, C&D, mulch, leaners (414), hangers (12,493 trees), stumps (6); Reduced: at 3 site by grinding; Monitored by Thompson - ADMS	\$3,358,477	227,843	Heath Frederick , PW Director 228 S Massachusetts Ave. Lakeland, FL 33801 Cell: 386-747-2370 , Ofc: 863-834-6001 heath.frederick@lakelandgov.net	Greg James , PW Assistant Director 228 S. Massachusetts Avenue Lakeland, FL 33801 Cell: 863-608-1468 Ofc: 863-834-6040 greg.james@lakelandgov.net
Lauderdale-By-The-Sea, FL 9/16/2017-10/9/2017	Removed & Disposed: vegetation, hangers (131 trees) Monitored by Witt O'Briens - ADMS	\$71,211	6,748	Don Prince , Director of Municipal Services 4501 N. Ocean Drive Lauderdale-By-The-Sea, FL 33308 Cell: 954-275-0808 Ofc: 954-640-4232 Fax: 954-776-0578 DonP@lbs-fl.gov	Ralph "Bud" Bentley , Town Manager 4501 Ocean Drive Town of Lauderdale-By-The-Sea, FL 33308 Ofc: 954-640-4200 Fax: 954-776-1857 budb@lbs-fl.gov
Lazy Lakes, FL 9/17/2017-10/15/2017	Removed & Disposed: vegetation, hangers (3 trees)	\$2,887	332	Melissa Augustin , City Attorney, 3099 E Commercial Blvd, Ste 200, Ft Lauderdale, FL 33308, 954-771-4500, maugustin@cityatty.com	
Lee Co, FL 9/16/2017-01/14/2018	Removed & Disposed: vegetation, C&D, mulch, leaners / hangers (68,195 trees); Reduced: at 13 site by grinding Monitored by Thompson - ADMS	\$26,000,276	2,024,742	Jason Fournier , Public Utilities Manager 10500 Buckingham Rd. Fort Myers, FL 33905 Cell: 239-229-5733 Ofc: 239-533-8000 Fax: 239-338-3337 jfournier@leegov.com	Jim Bjostad , Public Safety Emergency Manager 2675 Ortiz Ave. Ft. Myers, FL 33905 Cell: 239-476-2147 Ofc: 239-533-0617 Fax: 239-477-3636 jbjostad@leegov.com
Miami Springs, FL 9/14/2017-01/15/2018	Push Operations; Removed & Disposed: vegetation, C&D, mulch, leaners (314), hangers (3,862 trees), stumps (74) Reduced: at 1 site by grinding; Monitored by Thompson - ADMS	\$3,666,029	161,054	Tammy Romero , Procurement Specialist 201 Westward Drive Miami Springs, FL 33166 Ofc: 305-805-5035 Fax: 305-805-5018 romerot@miamisprings-fl.gov	William Alonso , City Manager 201 Westward Drive Miami Springs, FL 33166 Ofc: 305-805-5014 alonsow@miamisprings-fl.gov
Miami, FL 10/4/2017-12/14/2017	Removed & Disposed: vegetation, C&D, mulch, leaners (162), hangers (4,213 trees), stumps (21); Reduced: at 1 site by grinding; Monitored by Tetra Tech - ADMS	\$1,452,676	64,253	Mario F. Nunez , Solid Waste Director 1290 N.W. 20 Street Miami, FL 33142 Ofc: 305-960-2804 Fax: 305-960-2850 mfnunez@miamigov.com	Robert Williams , Solid Waste Superintendent 1290 N.W. 20 Street Miami, FL 33142 Ofc: 305-960-2837 Fax: 305-960-2845 robwilliams@miamigov.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Mount Dora, FL 9/26/2017-10/28/2017	Removed & Disposed: vegetation Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$754,953	32,907	Mike Sheppard , Dep. Director Finance 510 N Baker St. Mount Dora, FL 32757 Ofc: 352-735-7179 Cell: 352-408-4692 sheppardm@cityofmoundora.com	John McKinney , Finance Director 510 N. Baker St. Mount Dora, FL 32757 Ofc: 352-735-7158 Cell: 321-205-6401 mckinneyj@ci.mount-dora.fl.us
Nassau Co, FL 9/18/2017-2/9/2018	Removed & Disposed: vegetation, mulch, leaners (81), hangers (7,113 trees); Reduced: at 1 site by grinding Monitored by Witt O'Briens - ADMS	\$2,978,944	259,110	Scott Herring PW Director 46026 Landfill Rd. Callahan, FL 32011 Ofc: 904-491-7330 Cell: 904-583-5665 Fax: 904-879-6323 sherring@nassaucountyfl.com	Shanea Jones , County Manager 96135 Nassau Pl. Suite 1 Yulee, FL 32097 Ofc: 904-530-6010 Fax: 904-321-5784 sjones@nassaucountyfl.com
North Port, FL 9/15/2017-12/13/2017	Removed & Disposed: vegetation, mulch, leaners (6), hangers (675 trees); Reduced: at 1 site by grinding Monitored by Rostan / Hall Pass - ADMS	\$688,634	63,542	Monica Bramble , Asst. PW Director 1100 N. Chamberlin Blvd. North Port, FL 34286 Ofc: 941-240-8060 Cell: 941-628-0015 Fax: 941-240-8063 mbramble@cityofnorthport.com	Frank Lama , Solid Waste Manager 1100 Chamberlain Blvd. North Port, FL 34286 Ofc: 941-240-8074 Fax: 941-429-7079 flama@cityofnorthport.com
Ocala, FL 9/18/2017-02/26/2018	Push Operations; Removed & Disposed: vegetation, mulch, leanres (96), hangers (377 trees); Reduced: at 2 site by grinding Monitored by Tetra Tech - ADMS	\$1,838,623	179,521	Darren Park , PW Director 1805 NE 30 th Ave. Bldg. 300 Ocala, FL 34470 Ofc: 352-351-6733 Cell: 352-414-8622 Fax: 352-351-6731 dpark@ocalafl.org	Ken Whitehead , Asst. City Manager 1805 NE 30 th Ave Bldg 600 Ocala, FL 34470 Ofc: 352-401-3974 Cell: 352-857-1223 kwhitehead@ocalafl.org
Okeechobee Co, FL 9/22/2017-12/08/2017	Removed & Disposed: vegetation, ash, mulch, leaners (5), hangers (1,742 trees); Reduced: at 1 site by burning & grinding Monitored by Culpepper & Terpening - ADMS	\$1,412,645	137,920	Mitchell Smeykal , EM Director 707 NW 6 th St. Ave Okeechobee, FL 34972 Ofc: 863-763-3212 Cell: 863-634-6273 Fax: 863-763-1569 msmeykal@co.okeechobee.fl.us	Russell Rowland , Asst Co Administrator 1700 NW 9 th Ave. Suite D Okeechobee, FL 34972 Ofc: 863-763-1811 Cell: 863-697-0121 Fax: 863-763-5529 rrowland@co.okeechobee.fl.us
Orange Co, FL 9/15/2017-2/26/2018	Removed & Disposed: vegetation, mulch, ash, leaners (44), hangers (3,762 ea & 15,556 trees), stumps (4), marine debris Reduced: at 3 site by grinding; Monitored by Tetra Tech - ADMS	\$6,909,108	359,537	Ralphetta Aker , PW Fiscal & Op Support Manager 4200 South John Young Parkway Orlando, FL 32839 Ofc: 407-836-8011 Fax: 407-836-7788 Ralphetta.Aker@ocfl.net	Jennifer Cummings PW Stormwater Manager 4200 S. John Young Pkwy Orland, FL 32839 Ofc: 407-836-7795 Cell: 321-689-7624 jennifer.cummings@ocfl.net
Orlando, FL 9/22/2017-12/1/2017	Removed & Disposed: vegetation, mulch, hangers (2,974 trees) Reduced: at 2 site by grinding Monitored by Thompson - ADMS	\$1,316,790	79,114	Mike Carroll , Solid Wast Div. Manager 1028 S. Woods Ave. Orlando, FL 32805 Ofc: 407-246-3050 Cell: 407-538-8916 Fax: 407-246-2808 michael.carroll@cityoforlando.net	Rick Howard , PW Director 1028 S. Woods Ave. Orlando, FL 32805, Ofc: 407-246-3222 rick.howard@cityoforlando.net
Ormond Beach, FL 9/16/2017-10/26/2017	Removed & Disposed: vegetation, mulch, leaners (20), hangers (3,608 trees); Reduced: at 1 site by grinding Monitored by Thompson - ADMS	\$1,820,053	130,212	Kevin Gray , PW Operations Manager 501 N. Orchard St. Ormond Beach, FL 32174 Ofc: 386-676-3577 Cell: 386-316-7725 kevin.gray@ormondbeach.org	
Palm Coast, FL 10/13/2017-11/6/2017	Removed & Disposed: vegetation, C&D Monitored by True North - ADMS	\$162,855	22,007	Jim Landon , City Manager 160 Lake Avenue Palm Coast, FL 32164 Ofc: 386-986-3702 Fax: 386-986-3781 jlandon@palmcoastgov.com	Nester Abreu , PW Director 1 Welfield Grade Palm Coast, FL 32137 Ofc: 386-986-2360 Cell: 386-931-5177 nabreu@palmcoastgov.com
Palm Springs, FL 9/15/2017-11/2/2017	Removed & Disposed: vegetation Monitored by Thompson - ADMS	\$132,386	17,072	Mr. William "Bill" Golson , Dir. Parks and Recreation 226 Cypress Lane Palm Springs, FL 33461 Ofc: 561-964-8820 Fax: 561-964-2387 bgolson@vpsfl.org	Kimberly Wynn , Village Clerk 226 Cypress Lane Palm Springs, FL 33461 Ofc: 561-965-4010 Fax: 561-965-0899 kwynn@vpsfl.org
Palmetto, FL 10/5/2017-11/21/2017	Removed & Disposed: vegetation, mulch, hangers (97 trees) Reduced: at 1 site by grinding Monitored by Witt O'Briens - ADMS	\$202,411	22,797	Allen Tusing , PW Director 600 17 th Street W. Palmetto, FL 34221 Ofc: 941-723-4580 Cell: 941-737-0282 Fax: 941-723-4539 atusing@palmettofl.org	Javier Vargas Dep. Director PW 600 17 th Street W. Palmetto, FL 34221 Ofc: 941-723-4580 Fax: 941-723-4539 jvargas@palmettofl.org
Plantation, FL 9/19/2017-1/8/2018	Removed & Disposed: vegetation, hangers (2,111 trees) Monitored by Witt O'Briens - ADMS	\$1,714,650	194,605	Dawn Mehler , Administrative Analyst 750 NW 91 st Avenue Plantation, FL 33324 Ofc: 954-797-2723 dmeehler@plantation.org	Steve Rodgers , PW Asst. Director 750 NW 91 st Ave Plantation, FL 33324 Ofc: 954-452-2535 Fax: 954-452-2548 srodgers@plantation.org
Polk Co, FL 9/15/2017-04/05/2018	Removed & Disposed: vegetation, mulch, leaners (71), hangers (27,140 trees); Reduced: at 11 site by grinding Monitored by Tetra Tec - ADMS	\$24,917,254	2,604,083	Michael Teate , Roads & Drainage Area Manager 3000 Sheffield Rd. Winter Haven, FL 33880 Ofc: 863-535-2200 Cell: 863-581-0541 michaeltate@polk-county.net	Jay Jarvis , Drainage Director, jayjarvis@polk-county.net , 300 Sheffield Rd, Winter Haven 33880, (863)535-2200

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Polk Co School Board, FL 11/4/2017-02/28/2018	Removed & Disposed: vegetation, leaners (27), hangers (2,516 trees); Monitored by Tetra Tech - ADMS	\$345,164	14,322	Scott Reeves , Senior Coordinator of Support Services, 1430 Hwy 60 East Bartow, FL 33830 863-534-5052 Scott.reeves@polk-fl.net	
Punta Gorda, FL 9/20/2017-10/16/2017	Removed & Disposed: vegetation, mulch, leaner (1), stump (1) Reduced: by grinding	\$131,971	17,770	Marian Pace , Procurement Manager 326 West Marion Ave. Punta Gorda, FL 33950 Ofc: 941-575-3348 Cell: 941-628-1592 Fax: 941-575-3340 mpace@pgorda.us	Howard Kunik , City Manager 326 West Marion Ave. Punta Gorda, FL 33950 Ofc: 941-575-3301 Fax: 941-575-3310 hkunik@pgorda.us
Putnam Co, FL 9/21/2017-2/2/2018	Removed & Disposed: vegetation, mulch, Reduced: at 4 site by grinding Self Monitored	\$3,935,714	377,203	Larry Gast , Dir. Solid Waste/Sanitation 140 County Landfill Rd. Palatka, FL 32177 Ofc: 386-329-1200 Fax: 386-329-0486 larry.gast@putnam-fl.com	Lynn Wooten Solid Waste Sanitation Admin 140 County Landfill Rd. Palatka, FL 32177 Ofc: 386-329-1201 Cell: 386-937-5231 Fax: 386-329-0486 Lynn.wasdin@putnam-fl.com
Sanford, FL 9/18/2017-11/12/2017	Removed & Disposed: vegetation, C&D, mulch Reduced: at 1 site by grinding Monitored by Witt O'Briens - ADMS	\$567,798	90,735	John P. Reichardt , PW Operations Mgr, 300 N Park Ave. Sanford, FL 32771 Ofc: 407-688-5087 Cell: 407-416-2998 John.reichardt@sanfordfl.gov	Bilal Iftikhar PW Director , 300 N Park Ave. Sanford, FL 32771 Ofc: 407-688-5085 Fax: 407-688-5081 bilal.iftikhar@sanfordfl.gov
Sanibel Island, FL 9/18/2017-12/17/2017	Removed & Disposed: vegetation, mulch, leaners (122), hangers (720 trees), stumps (44); Reduced: at 1 site by grinding Monitored by Witt O'Briens - ADMS	\$2,217,420	189,707	Keith Williams II , PW Director 800 Dunlop Rd. Sanibel, FL 33957 Ofc: 239-472-6397 Cell: 239-691-8787 keith.williams@mysanibel.com	Scott Krawczuk , Dep. Director Public Works 800 Dunlop Rd. Sanibel, FL 33957 Ofc: 239-472-6397 Cell: 239-770-2554 Fax: 239-472-6041
Sarasota Co, FL 9/13/2017-1/19/2018	Removed & Disposed: vegetation, mulch, leaners (2), hangers (77 trees); Reduced: at 3 site by grinding Monitored by Tetra Tech - ADMS	\$2,657,079	319,019	Lois Rose , Solid Waste Mgr. 4000 Knights Trail Road Nokomis, FL 34275 Ofc: 941-861-1589 Cell: 941-650-0722 Fax: 941-486-2620 lerose@scgov.net	Scott Montgomery , EM Operations Mgr 6050 Porter Way Sarasota, FL 34236 Ofc: 941-861-5927 Fax: 941-861-5501 smontgo@scgov.net
St Petersburg, FL 9/16/2017-12/9/2017	Removed & Disposed: vegetation, mulch, stumps (8) Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$2,183,503	242,518	Mike Vineyard , Park Operational Manager 1400 19 th Street North. St. Petersburg, FL 33713 Ofc: 727-892-5233 michael.vineyard@stpete.org	Mike Jeffries , Dir. Parks and Rec 1400 19 th Street North St. Petersburg, FL 33713 Ofc: 727-892-5863 michael.jeffries@stpete.org
Stuart, FL 9/14/2017-10/27/17	Push Operations; Removed & Disposed: vegetation, mulch, leaners / hangers (181 trees); Reduced: at 1 site by grinding Monitored by Thompson - ADMS	\$181,132	16,535	Sam Amerson , Dir. Public Works 121 SW Flagler Ave. Stuart, FL 34994 Ofc: 772-288-5331 Cell: 772-260-9613 samerson@ci.stuart.fl.us	Dave Peters , Asst. Director of PW, 121 SW Flagler Ave. Stuart, FL 34994 Ofc: 772-288-1292 Cell: 772-260-9615 dpeters@ci.stuart.fl.us
Sumter Co, FL 9/22/2017-2/24/2018	Removed & Disposed: vegetation, mulch, leaners (274), hangers (7,806 trees), stumps (78); Reduced: at 1 site by grinding; Monitored by Thompson - ADMS	\$1,391,971	101,187	Mark Wilson , Road and Bridge Superintendent 319 E. Anderson Ave. Bushnell, FL 33513 Ofc: 352-569-6700 Fax: 352-569-6701	Jackey Jackson , Asst. PW Director Operations 319 E. Anderson Ave. Bushnell, FL 33513 Ofc: 352-569-6700 Cell: 352-303-8543 Fax: 352-569-6701 jackey.jackson@sumtercountycl.gov
Sunny Isles Beach, FL 9/26/2017-9/29/2017	Removed & Disposed: mulch	\$37,866	1,537	Christopher Russo , City Manager 18070 Collins Ave. Sunny Isles Beach, FL 33160 Ofc: 305-947-0606 Fax: 305-949-3113 crusso@sibfl.net	
Sunrise, FL 9/17/2017-11/30/2017	Removed & Disposed: vegetation, C&D, mulch, leaners (263), hangers (3,804 trees); Reduced: at 3 site by grinding Monitored by Tetra Tech - ADMS	\$2,489,381	157,258	Scott Manning , Emergency Mgmt 10440 W. Oakland Park Blvd. Sunrise, FL 33351 Ofc: 954-746-3476 Cell: 954-383-2647 smanning@sunrisefl.gov	Richard Salamon , City Manager 10770 West Oakland Park Blvd. Sunrise, FL 33351 Ofc: 954-746-3430 Fax: 954-746-3439 citymanager@sunrisefl.gov
Tarpon Springs, FL 9/18/2017-12/13/2017	Removed & Disposed: vegetation, C&D, mulch, leaners (34), hangers (703 trees); Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$675,570	59,422	Tom Funcheon , PW Director 324 East Pine Street Tarpon Springs, FL 34689 Ofc: 727-942-5606 Cell: 727-224-6182 Fax: 727-943-9609 tfuncheon@ctsfll.us	Mr. Richard Butcher , 444 Huey Ave. South Tarpon Springs, FL 34689 Ofc: 727-938-3737 Fax: 727-934-0598
Tybee Island, GA 9/17/2017-11/21/2017	Removed & Disposed: C&D, white goods (31) Monitored by Rostan / Haul Pass - ADMS	\$75,798	9,735	Angela Hudson , Finance Director 403 Butler Ave. Tybee Island, GA 31328 Ofc: 912-472-5021 Fax: 912-786-9465 ahudson@cityoftybee.org	Shawn Gillen , City Manager 403 Butler Ave. Tybee Island, GA 31328 Ofc: 912-472-5070 Cell: 404-309-1788 sgillen@cityoftybee.org
Venice, FL 9/20/2017-10/17/2017	Removed & Disposed: vegetation Monitored by Thompson - ADMS	\$110,342	12,543	Judy Gamel , Executive Asst. City Managers Office 401 West Venice Ave. Venice, FL 34285 Ofc: 941-882-7398 Fax: 941-480-3031	John Venezian , Public Works Director 221 S. Seaboard Ave. Venice, FL 34285 Ofc: 941-882-7359 jveneziano@venicegov.com



CrowderGulf
RFP for Disaster Debris Removal and Disposal Services
Franklin County, FL

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Vero Beach, FL 9/18/2017-10/10/2017	Removed & Disposed: vegetation, mulch Reduced: at 1 site by grinding Monitored by Thompson - ADMS	\$218,761	34,724	Don Dexter , PW Manager 3405 Airport West Drive Vero Beach, FL 32960 Ofc: 772-978-4861 Cell: 772-473-7372 Fax: 772-978-4879 ddexter@covb.org	Carol Shoaf , Purchasing Contractor Administrator 3455 Airport West Drive Vero Beach, FL 32961 Ofc: 772-978-5470 Fax: 772-770-6860 purchcss@covb.org
(The) Villages Community, FL 9/15/2017-12/20/2017	Removed & Disposed: vegetation, mulch Reduced: at 2 site by grinding Monitored by Volkert - ADMS	\$406,298	33,039	Diane Tucker , Admin Ops Manager 940 Lakeshore Drive The Villages, FL 32162 Ofc: 352-674-1920 Cell: 352-207-8626 Fax: 652-674-1921 diane.tucker@districtgov.org	
Wilton Manors, FL 9/18/2017-10/14/2017	Removed & Disposed: vegetation, C&D, leaners (3), hangers (91 trees) Monitored by Tetra Tech - ADMS	\$222,652	25,961	David Archacki , Dir. Utilities / Emergency Mgmt 2020 Wilton Drive Wilton Manors, FL 33305 Ofc: 954-390-2129 Cell: 943-818-7315 darchacki@wiltonmanors.com	Bob Mays , Director of Finance 2020 Wilton Dr. Wilton Manors, FL 33305 Ofc: 954-390-2143 Bmays@wiltonmanors.com
2017 Hurricane Harvey	26 Contracts Activated for Event so far - 25 DMS Managed for Event	\$86,676,080 Total Event Cost	6,371,922 Total Event CY		
Alvin, TX 9/7/2017-10/16/2017	Removed & Disposed: C&D, vegetation, white goods (19), E-waste (200), HHW (11,100 Lbs); Monitored by True North - ADMS	\$252,613	12,446	Brian Smith , Director of Public Services, 1100 W Hwy 6, Alvin, TX 77511, 281-388-4315, bsmith@psf.cityofalvin.com	
Aransas Co, TX 9/5/2017-6/5/2018	Removed & Disposed: vegetation, C&D, mulch, compacted C&D, leaners (1,124), hangers (24,739 trees), white goods (9,729), HHW (66,560 Lbs), PPDR debris; Reduced: at 3 site by grinding; Monitored by Thompson - ADMS	\$33,521,254	3,242,505	Rick McLester , EM Coordinator, 301 N Live Oak St, Rockport, TX 78382, 361-790-0100, rmclester@aransascounty.org	
Baytown, TX 9/6/2017-10/25/2017	Removed & Disposed: vegetation, C&D, white goods (973), E-waste (131), HHW (34,680 Lbs); Monitored by True North - ADMS	\$763,931	34,827	Rick Davis , City Manager, 2401 Market St, Baytown, TX 77520, 281-420-6500, citymanager@baytown.org	
Brazoria Co, TX 9/13/2017-01/12/2018	Removed & Disposed: vegetation, C&D, white goods (2,376), HHW (103,720 Lbs), compacted C&D, mulch; Reduced: at 4 site by C&D compaction; Monitored by Tetra Tech - ADMS	\$3,227,487	234,140	Trey Haskens , Asst. County Engineer 451 N. Velasco, Suite 230 Angleton, TX 77515 Ofc: 979-583-7657 treyh@brazoria-county.com	
Chambers Co, TX 9/7/2017-10/13/2017	Removed & Disposed: C&D, vegetation, white goods (270), E-waste (34), HHW (2,350 Lbs) Monitored by True North - ADMS	\$205,138	10,533	Jimmy Sylvia , County Judge, 404 Washington Ave, Anahuac, TX 77514, 409-267-2440, jsylvia@co.chambers.tx.us	
Clear Lake Shores, TX 9/21/2017-10/14/2017	Removed & Disposed: C&D, vegetation, white goods (83), E-waste (40), HHW (3,500) Monitored by True North - ADMS	\$51,977	1,813	Mr. George Jones , City Administrator 1006 South Shore Dr. Clear Lake Shores, TX 77565 Ofc: 281-334-2799 Fax: 281-334-2866 gjones@clearlakeshores-tx.gov	Chief Kenneth G. Cook , Police Chief 1006 South Shore Drive Clear Lake Shores, TX 77565 Ofc: 281-334-1034 Fax: 281-334-2866 kcook@clearlakeshores-tx.gov
Corpus Christi, TX 8/31/2017-11/17/2018	Removed & Disposed: vegetation, mulch, hangers (19,232 trees); Reduced: at 2 site by grinding Monitored by Tetra Tech - ADMS	\$7,338,326	536,074	Lawrence Mikolajczyk , SW Dir, 2525 Hygeia St, Corpus Christi, TX 78415, 361-857-1972, lawm@cctexas.com	
Dickinson, TX 9/7/2017-1/26/2018	Removed & Disposed: C&D, vegetation, white goods (4,996), E-waste (7,612), HHW (182,460 Lbs); Monitored by Tetra Tech - ADMS	\$4,357,015	283,914	Capt Steve Krone , Emergency Operations Dir, 4000 Liggio, Dickinson, TX 77539, 281-337-6308, skrone@ci.dickinson.tx.us	
Friendswood, TX 9/6/2017-1/15/2018	Removed & Disposed: C&D, white goods (5,804), E-waste (2,545), HHW (235,920 Lbs) Monitored by Tetra Tech - ADMS	\$4,096,828	135,952	Terry Byrd , EM Coordinator, 1600 Whitaker Dr, Friendswood, TX 77546, 281-996-3332, tbyrd@ci.friendswood.tx.us	
Galveston Co, TX 9/27/2017-11/22/2017	Removed & Disposed: C&D, white goods (134), e-waste (547) Monitored by Tetra Tech - ADMS	\$573,170	33,261	Rufus 'Lee' Crowder , Purchasing Agent 722 Moody Street 5th Floor Galveston, TX 77550 Ofc: 409-770-5372 rufus.crowder@co.galveston.tx.us	
Ingleside, TX 9/3/2017-02/08/2018	Removed & Disposed: C&D, vegetation, compacted C&D, mulch; Reduced: at 3 site by grinding & compacting C&D Monitored by True North - ADMS	\$4,143,613	361,136	Shanna Owens , EM Coordinator 2425 8th Street Ingleside, TX 78362 Ofc: 361-776-7422 sowens@inglesidetx.gov	Paul Baen , Finance Director 3761 San Angelo St. Ingleside, TX 78362; Ofc: 361-776-2517

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Jones Creek, TX 9/15/2017-10/16/2017	Removed & Disposed: C&D Monitored by Witt O'Briens - ADMS	\$62,579	3,532	Marshal William Tidwell , Marshal/EM 7207 Stephen F. Austin Jones Creek, TX 77541 Ofc: 979-292-6393 Fax: 979-233-3712 jc.cityhall@coastal-link.net	Kimberly Morris , Emergency Management Coordinator 7207 Stephen F. Austin Rd. Jones Creek, TX 77541 Ofc: 979-233-2700 Fax: 979- 233-3712 jc.cityhall@coastal-link.net
LaMarque, TX 9/16/2017-10/26/2017	Removed & Disposed: C&D, vegetation, white goods (12), e-waste (29) Monitored by TCB - ADMS	\$396,255	21,993	Charlete Todaro Warren , PW Coordinator Emergency Management 1111 Bayou Road La Marque, TX 77568 Ofc: 409-938-9225 Cell: 409- 457-7511 Fax: 409-935-0401 c.todaro@cityoflamarque.org	Robin Eldridge , City Clerk 1111 Bayou Rd. La Marque TX 77568 Ofc: 409-938-9259 r.eldridge@cityoflamarque.org
Lake Jackson 9/16/2017-10/7/2017	Removed & Disposed: vegetation Monitored by Tetra Tech - ADMS	\$42,810	4,281	Keelie Kennedy , Buyer 25 Oaks Drive Lake Jackson TX 77566 Ofc: 979-415-2420 Fax: 979- 415-2520 kkennedy@lakejacksontx.gov	Sally Villarreal Asst. City Secretary, 25 Oaks Drive Lake Jackson TX 77566 Ofc: 979-415- 2401 Fax: 979-415-2501 avillarreal@lakejacksontx.gov
League City, TX 9/7/2017-12/2/2017	Removed & Disposed: C&D, white goods (3,209), E-waste (3,491), HHW (109,220 Lbs) Monitored by Tetra Tech - ADMS	\$2,429,412	116,461	Bo Bass , City Manager, 300 W Walker St, League City, TX 77573, 281-554-1414, john.baumgartner@leaguecitytx.gov	
Liberty Co, TX 10/16/2017-2/28/2018	Removed & Disposed: C&D, C&D compacted Reduced: at 3 sites by compaction Monitored by Tetra Tech - ADMS	\$153,637	22,971	Tom Branch EM Coordinator 2400 Beaumont Ave. Jail Admin Bldg. Liberty TX 77575 Ofc: 936- 334-3219 Cell: 713-816-9898 Fax: 936-336-3172 tom.brancy@co.liberty.tx.us	Crista Beasley , Dep. EM Coordinator 2400 Beaumont Ave. Jail Admin Bldg. Liberty, TX 77575 Ofc: 936-334-3219 Fax: 936-336-3172 crista.beasley@co.liberty.tx.us
Montgomery Co, TX 9/5/2017-2/6/2018	Removed & Disposed: C&D, compacted C&D, white goods (1,013), E- waste (1,699), HHW (974 Lbs); Reduced: at 3 sites by grinding & compaction; Monitored by Tetra Tech - ADMS	\$2,172,773	168,536	Chief Deputy Randy McDaniel , EM Coordinator, 9472 Airport Rd, Conroe, TX 77303, 936-760- 5852, Randy.McDaniel@mctx.org	
Nassau Bay, TX 9/14/2017-10/19/2017	Removed & Disposed: C&D, vegetation, white goods (95), E-waste (7), HHW (17,780 Lbs) Monitored by Witt O'Briens - ADMS	\$205,059	6,323	Jamie Galloway , EM Coordinator 1800 Space Park Dr. Suite 200 Nassau Bay, TX 77058 Ofc: 281-336-6298 Fax: 281-335-1555 jamie.galloway@nassaubay.com	Paul Lopez , PW Director 18295 Upper Bay Rd. Nassau Bay TX 77258 Ofc: 281-333-2944 Fax: 281-333-2301 paul.lopez@nassaubay.com
Newton Co, TX 10/2/2017-12/13/2017	Removed & Disposed: C&D, vegetation Monitored by Thompson - ADMS	\$104,046	8,859	Rosemary Johnson , Admin Assistant for Judge PO Box 1380 Newton, TX 75966 Ofc: 409-379- 5691 Cell: 409-381-0677 Fax: 409-379-2107 newtoncountyjudge@co.newton.tx.us	Olen Bean , Dep. EMC PO Box 1380 Newton, TX 75966 Ofc: 409-994-25431 Cell: 409-658- 9241 olen.bean@co.jasper.tx.us
Nueces Co, TX 9/14/2017-11/21/2017	Removed & Disposed: C&D, vegetation Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$82,851	8,540	Christopher Boyce , Em. Mgmt Coordinator 901 Leopard Street, Room 106 Corpus Christi TX 78401 Ofc: 361-888-0513 Fax: 361-888-0445 christopher.boyce@nuecesco.com	Glen Sullivan , PW Director 901 Leopard Street, Room 103 Corpus Christi, TX 78401 Ofc: 361- 888-0490 Cell: 361-533-2356 Fax: 361-888-0485 glen.sullivan@nuecesco.com
Port Arthur, TX 9/8/2017-1/19/2018	Removed & Disposed: C&D, compacted C&D, white goods (3,551), E- Waste (47,886); Reduced: at 3 sites by compaction Monitored by Witt O'Briens - ADMS	\$11,140,778	702,201	Armondo Gutierrez , PW Dir, 44 4th St, Port Arthur, TX 77640, 409-983-8513, armando.gutierrez@portarthurtx.gov	
San Patricio Co, TX 9/3/2017-2/9/2018	Removed & Disposed: C&D, vegetative, mulch Reduced: at 3 site by grinding & compacting Monitored by True North - ADMS	\$4,229,370	368,043	Sara Williams , Emergency Management, 313 N Rachal St, Sinton, TX 78387, 361-587,3560, sara.williams@co.san-patricio.tx.us	
Santa Fe, TX 9/7/2017-11/2/2017	Removed & Disposed: C&D, HHW (10,780 lbs) Monitored by Thompson - ADMS	\$374,484	22,580	Joe Dickson , City Manager, 12002 State Hwy 6, Santa Fe, TX 77510, 409-925-6412,	
Seabrook, TX 9/9/2017-10/4/2017	Removed & Disposed: C&D, vegetation, white goods (31), HHW (3,120 Lbs); Monitored by Tetra Tech - ADMS	\$39,904	1,592	Gayle Cook , City Manager, 1700 1st St, Seabrook, TX 77586, 281-291-5719, gcook@seabrooktx.gov	
TX GLO 01/05/2018-03/15/2018	Removed & Disposed: Waterway debris	\$6,610,242	24,918	Tony Williams , Planning Senior Director 512- 463-5055 tony.williams@glo.texas.gov	Vania Ramaekers , Contract Specialist, 512-463- 5047, Vania.ramaekers@glo.texas.gov

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Webster, TX 9/8/2017-10/3/2017	Removed & Disposed: C&D, vegetation, white goods (6), E-waste (89), HHW (2,580 Lbs); Monitored by True North - ADMS	\$46,606	2,140	Joe Ferro , EM Dir, 101 Pennsylvania Ave, Webster, TX 77598, 281-316-3712, jferro@cityofwebster.com
West Columbia, TX 9/23/17-10/16/2017	Removed & Disposed: C&D, white goods (7), E-waste (44), HHW (1,640 Lbs); Monitored by Witt O'Briens - ADMS	\$53,922	2,351	Chief Paul Odin , 310 E. Clay West Columbia, TX 77486 Ofc: 979-345-5121 Cell: 713-459-0732 Fax: 979-345-2730 chief@westcolumbiatx.org Debbie Sutherland , City Manager 512 E. Brazos Ave. West Columbia TX 77486 Ofc: 979-345-3123 Fax: 979-345-3178 citymanager@westcolumbiatx.org
2017 TS Cindy				
Dauphin Island, AL 6/27/2017-6/29/2017	Sand Clearance from Roadways	\$6,540	Hrly	Jeff Collier , Mayor, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, jcollier@townofdauphinisland.org Wanda Sandagger , Administrative Assistant, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, wsandagger@townofdauphinisland.org
2017 Tornado				
Hattiesburg, MS 2/11/2017-5/27/2017	Removed & Disposed: vegetation, C&D, stumps, leaners & hangers; Monitored by Debris Tech - ADMS	\$2,237,052	150,710	Lamar Rutland , City Engineer, 212 W Front St, Hattiesburg, MS 39401, 601-545-4540, lrutland@hattiesburgms.com
2016 Hurricane Matthew	39 Contracts Activated for Event - 32 DMS Managed for Event	\$82,267,725 Total Event Cost	5,675,560 Total Event CY	
Berkeley Co, SC 10/13/2016-12/18/2016	Removed & Disposed: vegetation, C&D, leaners & hangers, mulch; Reduced: at 1 site by grinding; Monitored by Rostan Solutions / GP Strategies - ADMS	\$931,731	75,610	Melissa Wheatley , Deputy Director of Solid Waste, 212 Oakley Plantation Dr, Moncks Corner, SC 29461, 843-719-2343, melissa.wheatley@berkeleycountysc.gov
Brevard Co, FL 10/11/2016-1/4/2017	Removed & Disposed: vegetation, C&D, mulch; Reduced: at 1 site by grinding; Monitored by Tetra Tech - ADMS	\$3,231,102	265,794	"Euri" Euripides Rodriguez , SW Dir, 2725 Judge Fran Jamieson Way, Bldg A, Ste 118, Viera, FL 32940, 321-633-2042, euripides.rodriguez@brevardcounty.us
Bunnell, FL 10/14/2016-10/25/2016	Removed & Disposed: vegetation; Monitored by Tetra Tech - ADMS	\$105,155	8,480	Perry Mitrano , SW Dir, 201 W Moody Blvd, Bunnell, FL 32110, 386-437-7500, pmitrano@bunnellcity.us
Callawassie Island, SC 10/8/2016-10/10/2016	Emergency Push	\$14,573	Hrly	Chief Waverly Patterson , Ops Dir, 176 Callawassie Dr, Okatie, SC 29909, 843-987-4150, chiefpatterson@hargray.com
Chesapeake, VA 10/28/2016-11/3/2016	Removed & Disposed: vegetation	\$21,166	483	Eric Martin , PW Dir, 306 Cedar Rd, 3rd Floor, Chesapeake, VA 23322, 757-382-6380, emartin@cityofchesapeake.net
Clay Co, FL 10/18/2016-1/12/2017	Removed & Disposed: vegetation, C&D, leaners & hangers, mulch; Reduced: at 2 sites by grinding; Monitored by Landfall Strategies	\$1,142,823	127,682	John Ward , EM Dir, 2519 SR 16 W, Green Cove Springs, FL 32043, 904-541-2767, John.Ward@claycountygov.com
Cocoa Beach, FL 10/12/2016-12/3/2016	Removed & Disposed: vegetation, C&D, mulch; Reduced: at 2 sites by grinding; Monitored by Tetra Tech - ADMS	\$326,535	32,701	Rob Strong , Project Manager, Public Works, 1600 Minutemen Causeway, Cocoa Beach, FL 32932, 321-868-3316, rstrong@cityofcocoa-beach.com
Currituck Co, NC 11/7/2016-2/24/2017	Removed & Disposed: vegetation, mulch; Reduced: at 1 site by grinding; Monitored by Tetra Tech - ADMS	\$46,664	2,805	Brenda McQueen , Superintendent of Buildings, PW, 153 Courthouse Rd, Currituck, NC 27929, 252-232-2504, brenda.mcqueen@currituckcountync.gov
Deltona, FL 10/14/2016-12/1/2016	Removed & Disposed: vegetation, C&D, leaners & hangers, ash; Reduced: at 1 site by burning; Monitored by Tetra Tech - ADMS	\$1,384,861	117,753	Matt Doan , PW Dir, 2345 Providence Blvd, Deltona, FL 32725, 386-878-8950, mdoan@deltonafl.gov
Duplin Co, NC 11/28/2016-12/1/2016	Removed & Disposed: C&D; Monitored by Tetra Tech - ADMS	\$7,107	519	Matt Barwick , EM Coordinator, 209 Seminary St, PO Box 909, Kenansville, NC 28349, 910-296-2160 Ext. 231, matthew.barwick@duplincountync.com
Edgecombe Co, NC 11/7/2016-2/24/2017	Removed & Disposed: C&D	\$516,525	20,257	Dee Waters , Purchasing Agent, 252-641-7888, deewaters@edgecombeco.com
Edgewater, FL 10/8/2016-12/8/2016	Emergency Push; Removed & Disposed: ROW, Commercial, Private - vegetative, C&D, leaners & hangers, mulch; Reduced: at 1 site by grinding; Monitored by Witt O'Briens	\$2,936,463	201,602	Brenda DeWees , Dir of Env Services, 386-424-2400, bdeweess@cityofedgewater.org
Fayetteville, NC 10/20/2016-2/15/2017	Removed & Disposed: vegetative, C&D, mulch; Reduced: at 1 site by grinding; Monitored by Tetra Tech - ADMS	\$958,182	81,449	Jackie Tuckey , Management Analyst, 433 Hay St, Fayetteville, NC 28301-5537, 910-433-1854, jtuckey@ci.fay.nc.us
Flagler Beach, FL 10/13/2016-1/25/2017	Removed & Disposed: vegetative, C&D, Beach C&D, mulch; Reduced: at 1 site by grinding, management and grinding of City hauls; Monitored by Tetra Tech - ADMS	\$312,482	23,926	Larry Newsom , City Manager, 105 South Second St, Flagler Beach, FL 32136, 386-517-2000, lnewsom@cityofflaglerbeach.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Flagler Co, FL 10/7/2016-1/23/2017	Emergency Push; Removed & Disposed: ROW, Public Use Areas, Private HOA & Non HOA Rds - vegetative, C&D, leaners & hangers, white goods, mulch; Reduced: at 1 site by grinding, management and grinding of City hauls Monitored by Tetra Tech - ADMS	\$2,752,630	167,148	Richard Gordon , Asst Co Engineer, 1769 E Moody Blvd, Building 2, Bunnell, FL 32110, 386-313-4006, rgordon@flaglercounty.org
FL DEP 2/16/2017-6/20/2017	Waterway Debris Removal; Remove waterway debris with boats to an offload site, load onto trucks for disposal; Monitored by Eisman Russo - Zone 1, CDR McGuire - Zone 2, Tetra Tech - Zone 3	\$13,186,226	77,722	Scott Woolam , Sr Program Analyst, Div of State Lands, 3900 Commonwealth Blvd, Mail Station 100, Tallahassee, FL 32399-3000, 850-245-2806, Scott.Woolam@dep.state.fl.us
Fripp Island, SC 10/13/2016-10/28/2016	Emergency Push; Removed & Disposed: vegetative, leaners & hangers; Monitored by Witt O'Brien	\$111,040	3,967	Kate Hines , General Manager, Generalmanager@frippislandliving.com
Garden City, GA 10/31/2016-1/17/2017	Removed & Disposed: vegetative, mulch; Reduced: at 1 site by grinding; Monitored by Rostan Solutions - ADMS	\$365,490	33,580	Benny Googe , PW Dir, 2 Bud Brown Rd, Garden City, GA 31408, 912-629-2296, bgooge@gardencity-ga.gov
Hilton Head Island, SC 10/5/2016-6/15/2017	Emergency Push; Removed & Disposed: ROW, SCDOT Rds, Private Rds, Public Use Areas - vegetative, C&D, white goods, leaners & hangers, mulch; Reduced: at 2 sites by grinding Waterway Debris removal from Drainageways Monitored by Tetra Tech - ADMS	\$37,124,940	3,012,487	Jennifer Lyle , Asst Town Engineer, One Town Center Ct, Hilton Head Island, SC 29928, 843-341-4779, jenniferl@hiltonheadislandsc.gov
Hilton Head Plantation, SC 10/10/2016-10/31/2016	Emergency Push; Tasks: Access Tree clearance, ROE tree removal, Blue roof operations	\$195,567	Hrly	T. Peter Kristian , General Manager, 7 Surrey Ln, Hilton Head Island, SC 29926, pkristian@hhppoa.org
Jasper Co, SC 10/8/2016-10/12/2016	Emergency Push	\$24,636	Hrly	Wilbur Daley , Emergency Services Dir, 1509 Grays Hwy, Ridgeland, SC 29936, 843-726-7607, wilburd@jaspercountysc.gov
Liberty Co, GA 10/14/2016-1/6/2017	Removed & Disposed: vegetative, C&D, leaners & hangers, stumps; Reduced: at 2 sites by burning Monitored by Tetra Tech - ADMS	\$1,736,692	183,194	Mike Hodges , EM Dir, 100 Liberty St, Hinesville, GA 31313, 912-368-2201, mike.hodges@libertycountyga.com
Long Cove Owners Assoc. Hilton Head Island, SC 10/28/2016-11/21/2016	Removed & Disposed: vegetative, C&D, logs, mulch Reduced: at 1 sites by grinding	\$408,232	40,840	Tom Lee , General Manager, 399 Long Cove Dr, Hilton Head Island, SC 29928, 843-686-1071, tlee@longcoveclub.com
Marsh Side Owners Assoc. Hilton Head Island, SC 10/14/2016-11/3/2016	Tasks: Tree removal, stump grinding, blue tarp operations,	\$106,450	Hrly	Trish Norris , Property Manager, 5 Gumtree Rd, Hilton Head Island, SC 29926, 843-681-7301, propertymanager@marshsidehhi.com
Norfolk, VA 10/14/2016-11/30/2016	Removed & Disposed: vegetative, stumps Reduced: at 1 site by grinding; Monitored by Thompson - ADMS	\$314,618	25,943	David Ricks , PW Dir, 810 Union St, Suite 700, Norfolk, VA 23510, 757-664-4614, David.Ricks@norfolk.gov
Ocean Isle Beach, NC 10/25/2016-11/9/2016	Removed & Disposed: C&D Monitored by Landfall Strategies	\$12,229	1,772	Justin Whiteside , Asst Town Administrator, 910-579-3469, justin@oibgov.com
Orange Park, FL 11/28/2016-1/4/2017	Removed & Disposed: mulch; Reduced: at 1 site by grinding of debris hauled in by the Town; Monitored by Landfall Strategies	\$19,604	1,976	Jim Hanson , Town Manager, 2042 Park Ave, Orange Park, FL 32073, 904-278-3019, jhanson@townop.com
Ormond Beach, FL 10/11/2016-12/31/2016	Removed & Disposed: vegetative, C&D, leaners & hangers, mulch; Reduced: at 1 site by grinding; Monitored by Thompson - ADMS	\$3,660,393	514,691	Kevin Gray , Operations Manager, PW, 501 N Orchard St, Ormond Beach, FL 32174, 386-676-3577, kevin.gray@ormondbeach.org
Palm Coast, FL 10/9/2016-1/17/2017	Removed & Disposed: vegetative, C&D, treated wood, mulch; Reduced: at 1 site by burning & grinding; Reduced and hauled out City hauled debris; Monitored by True North	\$1,172,253	68,151	Ms. Renee Shevlin , PW Operations Manager, 1 Wellfield Grade, Palm Coast, FL 32137, 386-986-4781, rshevlin@palmcoastgov.com
Port Wentworth, GA 10/17/2016-1/15/2017	Removed & Disposed: vegetative, C&D, leaners & hangers, stumps, mulch; Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$84,022	6,282	Chief Lance Moore , Fire Dept, 317 Cantyre St, Port Wentworth, GA 31407, 912-401-0475, lmoores@cityofportwentworth.com
Raleigh, NC 10/17/2016-11/11/2016	Removed & Disposed: vegetative Monitored by Tetra Tech - ADMS	\$59,612	8,516	Kelly Lindsey , EM & Special Events, 222 W Hargett St, Suite 304, Raleigh, NC 27601, 919-996-2202, kelly.lindsey@raleighnc.gov
Rose Hill, NC 10/20/2016-10/25/2016	Removed & Disposed: vegetative	\$16,959	1,980	Ivey Knowles , PW Dir, 103 SE Railroad St, Rose Hill, NC 28458, 910-289-3159, rosehillpw@embarqmail.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
SC DOT 10/17/2016-1/13/2017	Removed & Disposed: vegetative, leaners & hangers, stumps, mulch; Reduced: at 6 sites by grinding; Monitored by Thompson - ADMS	\$8,187,338	492,455	Emmett I Kirwan , SCDOT Procurement Manager, 955 Park St, Columbia, SC 29201, 803-737-0676, KirwanEl@scdot.org
Southern Shores, NC 11/18/2016-12/14/2016	Removed & Disposed: vegetative, C&D	\$83,218	8,586	Peter Rascoe , Town Manager, 5375 N Virginia Dare Trail, Southern Shores, NC 27949, 252-261-2394, prascoe@southernshores-nc.gov
Stuart, FL 10/7/2016-10/27/2016	Emergency Push; Removed & Disposed: vegetative, stumps, mulch; Reduced: at 1 site by grinding Monitored by Witt O'Briens	\$109,356	10,085	Sam Amerson , PW Dir, 121 SW Flagler Ave, Stuart, FL 34994, 772-288-5331, samerson@ci.stuart.fl.us
Sunset Beach, NC 10/26/2016-11/23/2016	Removed & Disposed: vegetative, C&D Monitored by Landfall Strategies	\$95,563	13,849	Dustin Graham , PW Dir, 700 Sunset Blvd N, Sunset Beach, NC 28468, 910-579-6297, dgraham66@atmc.net
Thunderbolt, GA 10/19/2016-1/17/2017	Removed & Disposed: vegetative, mulch; Reduced: at 1 site by grinding; Monitored by Witt O'Briens	\$108,789	9,896	Ray O'Neill , PW Dir, 2821 River Dr, Thunderbolt, GA 31404, 912-644-7999, roneill@thunderboltga.gov
Washington Oaks Gardens Park, FL 12/8/2016-12/13/2016	Removed & Disposed: vegetative	\$56,524	4,096	Renee Paolini , 6400 N Oceanshore Blvd, Palm Coast, FL 32137, Renee.Paolini@dep.state.fl.us
Windmill Harbour, SC 10/14/2016-10/31/2016	Removed & Disposed: vegetative, leaners & hangers, stumps, mulch; Reduced: at 1 site by grinding Monitored by Atkins Global	\$339,975	29,283	Jaime Fenstermaker , IMC Resort Services, 2 Corpus Christi, Ste #302, Hilton Head Island, SC 29928, 843-785-4775 ext 110, Jaime@imcresortservices.com
2016 Hurricane Hermine	2 Contracts Activated for Event - 3 DMS Managed for Event	\$9,080,715 Total Event Cost	401,366 Total Event CY	
Leon County, FL 9/3/2016-2/3/2017	Emergency Push; Removed & Disposed: vegetative, leaners & hangers, mulch; Reduced: at 3 sites by grinding Monitored by Witt O'Briens	\$5,721,729	237,200	Dale Walker , PW Director, 2280 Miccosukee Rd, Tallahassee, FL 32308, 850-606-1415, walkerda@leoncountyfl.gov
Tallahassee, FL 9/3/2016-1/26/2017	Emergency Push; Removed & Disposed: vegetative, leaners & hangers, mulch; Reduced: at 3 sites by grinding Monitored by Witt O'Briens	\$3,358,986	164,166	Robby Powers , EM Coordinator, 911 Eastwood Dr, Tallahassee, FL 32311, 850-891-2536, robby.powers@talgov.com
2016 Flooding Aug				
Central, LA 8/25/2016-1/28/2017	Removed & Disposed: C&D, HHW Monitored by Debris Tech - ADMS	\$5,486,871	324,951	JR Shelton , Mayor, 13421 Hooper Rd, Ste 8, Central, LA 70818, 225-261-5989, jr.shelton@central-la.gov
2016 Flooding, Tornadoes				
Brazoria County, TX 6/16/2016-8/26/2016	Removed & Disposed: C&D Monitored by Tetra Tech - ADMS	\$330,118	20,470	Steve Rosa , EM Coordinator, 111 E Locust St, Suite 102, Brazoria, TX 77515, 979-864-1801, steverosa@brazoria-county.com
Texas General Land Office (GLO) 6/27/2016-7/8/2016	Removed & Disposed: vegetative debris on the beach area / Monitored by Tetra Tech - ADMS	\$397,252	6,394	Tony Williams , Planning Senior Director 512-463-5055 tony.williams@glo.texas.gov Vania Ramaekers , Contract Specialist, 512-463-5047, Vania.ramaekers@glo.texas.gov
2016 Flooding, Tornadoes				
Montgomery County, TX 5/3/2016-5/27/2016 FEMA-4269 6/9/2016-7/20/2016 FEMA-4272	Removed & Disposed: (tornado debris & flooding debris) vegetation, C&D, white goods (80), ewaste (113) Monitored by Tetra Tech - ADMS	\$288,408 \$520,549	19,089 39,079	Randy McDaniel , EM Coordinator, 9472 Airport Rd, Conroe, TX 77303, 936-523-3910, Randy.McDaniel@mctx.org
Waller County, TX 5/4/2016-5/25/2016 FEMA-4269 6/20/2016-7/19/2016 FEMA-4272	Removed & Disposed: C&D Monitored by Tetra Tech - ADMS	\$19,674 \$18,402	1,186 1,183	Brian Cantrell , EMC, 701 Calvit St, Hempstead, TX 77445, 979-826-8282, b.cantrell@wallercounty.us Trey Duhon , County Judge, 836, Austin St, Ste 203, Hempstead, TX 77445, 979-826-7700, t.duhon@wallercounty.us
2016 LA Flooding				

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Ouachita Parish, LA – FEMA-4263 3/30/2016-6/16/2016	Removed & Disposed: vegetation, C&D, white goods (18), e-waste (370), tires (105); Monitored by Volkert	\$397,774	32,161	Scotty Robinson, Parish President, 301 S Grand St #201, Monroe, LA 71201, 318-355-4260, srobinson@opj.org	Daryl Dunbar, Volkert, PM,
St John the Baptist Parish, LA / 2/26/2016-3/6/2016	Provided Portable Showers / Event Restrooms for volunteer services that helped the citizens and Parish	\$7,574	Lump Sum	Travis Perrilloux, Asst Director Homeland Security & Emergency Preparedness, 1801 Airline Hwy W, LaPlace, LA 70068, 985-652-2222, travis.perrilloux@sjbparish.com	
2016 TX Flooding					
Newton County, TX 4/7/2016-7/15/2016	Removed & Disposed: C&D, white goods (378) Monitored by Thompson Consulting	\$349,990	37,030	Olan Bean, Asst EM Director, 409-658-9241	
2016 Winter Storm					
Essex County, VA (VPPSA) 3/10/2016-4/13/2016	Removed & Disposed: vegetation, C&D, stumps (44) Monitored by Arcadis / Rostan	\$138,739	16,359	Reese Peck, County Administrator, 804-445-5528, rpeck@essex-virginia.org Stephen Geissler, VPPSA Exec Director, 757-880-3535, sbgeissler@vppsa.org	Jordan Bryant, Arcadis Operations Manager, 813-385-7280, jbryant@rostan.com
2016 Tornado					
Rowlett, TX 2/15/2016-4/20/2016	Removed & Disposed: vegetation, C&D, white goods (140), e-waste (49); Monitored by True North	\$680,036	70,738	Jim Proce, Asst. City Manager, 4000 Main St, Rowlett, TX 75088, 972-715-6113, jproce@rowlett.com	Doug Amato, True North Project Manager, damato@truenorthem.com
2015 Tornado					
Friendswood, TX 11/9/2015-11/16/2015	Removed & Disposed: vegetation, C&D Monitored by Tetra Tech	\$140,516	8,782	Terry Byrd, Fire Marshall / EM Coordinator, 1600 Whitaker Dr, Friendswood, TX 77546, 281-996-3335, tbyrd@ci.friendswood.tx.us	Oliver Yao, Tetra Tech, Deputy Director of Post Disaster Programs BDR Division, phone: (321) 441-8507, mobile: (407) 803-2522, Oliver.Yao@tetratech.com
2015 Storms & Flooding					
South Carolina DOT 10/2015-11/2015	Removed & Disposed: C&D, white goods (278), e-waste (484 + 13,580 Lbs), HHW (28,000 Lbs) Counties: Lexington, Richland Monitored by Thompson	\$720,217	33,163	David Cook, SCDOT Maintenance Deputy Director, 955 Park St, Room 324, Columbia, SC 29201, 803-737-1268, cookdb@scdot.org	Danny Gardner, Thompson Program Manager, 1135 Townpark Ave, Suite 2101, Lake Mary, FL 32746, 407-792-0018, dgardner@thompsoncs.net
2015 Severe Storms / Flooding					
Limestone County, AL 9/2015	Removed & Disposed: Waterway debris	\$60,860	Lump Sum	Richard Sanders, Co Engineer, 256-233-6681, richard.sanders@limestonecounty-al.gov	
2015 Flooding					
Blanco County, TX 6/2015-7/2015	Removed & Disposed: vegetation, C&D	\$48,033	2,495	Brett Bray, Blanco County Judge, PO Box 387, Johnson City, TX 78636, 830-868-4266, cojudge@co.blanco.tx.us	
Republic Services, Corpus Christi, TX 7/2015	Removed & Disposed: C&D	\$24,392	3,285	Brian Cornelius, Republic Services, 4414 Agnes St, Corpus Christi, TX 78405, Cell 361-876-6006, bcornelius@republicservices.com	
2015 Ice Storm					
Raleigh, NC 3/25/2015-4/6/2015	Removed & Disposed: vegetation	\$208,740	29,820	Andrew Martin, Asst Dir of SW, 630 Beacon Lake Dr, Raleigh, NC 27610, 919-996-6868, Andrew.Martin@raleighnc.gov	
2014 Severe Storms, Flooding & Tornadoes	11 Contracts Activated - 2 DMS Managed for Event	\$3,731,996 Total Event Cost	310,753 Total Event CY		
AL Dept. of Transportation 12/11/2014-12/17/2014	Removed & Disposed: Drift waterway debris in Styx River in Baldwin County, AL	\$79,250	834	Jason Shaw, Bridge Ops Engineer, SW Region, 1701 I-65 W Service Rd N, Mobile, AL 36618-1109, 251-470-8200, shawj@dot.state.al.us	Brian Aaron, SW Region, 1701 I-65 W Service Rd N, Mobile, AL 36618-1109, 251-470-8200, aaronb@dot.state.al.us

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
AL DCNR Dept of Conservation & Natural Resources 9/8/2014-10/15/2014	Removed & Disposed: Waterway debris, vegetative, C&D in Baldwin County, AL	\$500,000	1,801	Terry Boyd, Chief of Engineering Section AL DCNR, 64 N Union St, Rm 479, Montgomery, AL 36104, 334-242-3836, Terry.Boyd@dcnr.alabama.gov	Kirby McCrary, P.E., Disaster Ops Mgr, Volkert, Inc., 251-406-0166, kirby.mccrary@volkert.com
Baldwin County, AL 5/7/2014-5/17/2014	Removed & Disposed: vegetation	\$12,897	1,066	Joey Nunnally, Preconstruction Mgr, PW Engineer, 22070 Hwy 59, Central Annex II 3rd & 4th floor, Robertsdale, AL 36567, 251-972-8557, jnunnally@baldwincountyal.gov	Charles Gruber, Chairman Baldwin Co Commission, 201 E Section St, Foley, AL 36535, 251-943-5061, cgruber@co.baldwin.al.us
Blount County, AL 5/2014-7/2014	ACCA Contract: Removed & Disposed: vegetation, leaners/hangers (954/512), stumps (86), waterway debris (7,285 CY); Reduced by grinding	\$1,401,613	139,628	Don Roybal, County EMA Dir, 220 Second Ave E, Ste 106, Oneonta, AL 35121, 205-625-4121, ema@co.blount.al.us	
DeKalb County, AL 5/2014-6/2014	ACCA Contract: Removed & Disposed: vegetation, leaners/hangers (60), stumps (16)	\$295,320	38,616	Bobby Ridgeway, EMA Officer, 111 Grand Ave SW Ste 21, Ft Payne, AL 35967, 256-845-8569, bridgeway@dekalbcountyal.us	
Escambia County, FL 5/10/2014-5/16/2014	Removed & Disposed: C&D, Compacted C&D	\$51,654	5,972	Pat Johnson, SW Dir, 13009 Beulah Rd, Cantonment, FL 32533, 850-937-2164, ptjohnso@co.escambia.fl.us	Jack Brown, Co Administrator, 221 Palafox Pl, Ste 420, Pensacola, FL 32502, 850-595-4946, admin@myescambia.com
Limestone County, AL 5/8/2014-7/9/2014 9/8/2015-9/16/2015	ACCA Contract: Removed & Disposed: vegetation, leaners/hangers (874/128), stumps (54); Reduced by burning 2015 Waterway Contract for the removal of waterway debris from 7 sites; Funded in part by NRCS / EWP	\$1,245,103	122,542	Richard Sanders, Co Engineer, 310 W. Washington St, Athens, AL 35611, 256-233-6681, richard.sanders@limestonecounty-al.gov	Sharon Wilson, Engineering Clerk, 310 W Washington St, Athens, AL 35611, 256-233-6681, sharon.wilson@limestonecounty-al.gov
Orange Beach, AL 5/8/2014-5/12/2014	Remove heavy seaweed from 7 miles of beach	\$13,071	Hourly	Tony Kennon, Mayor, 4099 Orange Beach Blvd, Orange Beach, AL 36561, 251-981-6810, tkennon@cityoforangebeach.com	Ken Grimes, City Administrator
Perdido Beach, AL 5/19/2014-5/27/2014	Removed & Disposed: vegetation	\$3,742	294	Patsy Parker, Mayor, 9212 CR 97, Perdido Beach, AL 36530, 251-962-2200, mayor@townofperdidobeach.org	Lynn Thompson, Town Clerk, 9212 CR 97, Perdido Beach, AL 36530, 251-962-2200, clerk@townofperdidobeach.org
Walton County, FL 5/1/2014-5/21/2014	Provided & Operated: Pumps to remove excess storm water	\$129,346	Hourly	Wilmer Stafford, PW Dir, 117 Montgomery Cir, DeFuniak Springs, FL 32433, 850-892-8108, stawilmer@co.walton.fl.us	Tommy Hinote, PW Engineer, 97 Montgomery Cir, DeFuniak Springs, FL 32435, 850-892-8108, hintommy@co.walton.fl.us
2014 Ice Storm Ulysses					
Greensboro, NC 3/18/2014-5/13/2014	Removed & Disposed: vegetation	\$775,739	81,060	Dale Wyrick, P.E., Dir Field Ops, 401 Patton Ave, Greensboro, NC 27406, 336-373-2783, Dale.Wyrick@greensboro-nc.gov	Chris Marriott, Deputy Dir Field Ops, PO Box 3136 Greensboro, NC 27402, 336-373-7612, chris.marriott@greensboro-nc.gov
2014 Ice Storm Pax	2 Contracts Activated - 3 DMS Managed for Event	\$5,358,824 Total Event Cost	277,501 Total Event CY		
Berkeley County Water & Sanitation, SC 2/2014-5/2014	Removed & Disposed: vegetation, leaners & hangers (19,102 trees); Reduced by grinding	\$3,381,880	179,382	Mark Schlievert, SW Dir, 212 Oakley Plantation Dr, Moncks Corner, SC 29461, 843-719-2380, mschlievert@bcwsa.com	Michael Healy, PE, Atkins Sr Engineer III, EM, 4030 W Boy Scout Blvd, Ste 700, Tampa, FL 33607, C: 813-267-7058, mike.healy@atkinsglobal.com
Dorchester County, SC 2/2014-5/2014	Removed & Disposed: vegetation, leaners & hangers (389/10,952); Reduced by grinding	\$1,976,944	98,119	Mario Formisano, EM Dir, 212 Deming Way Ste 3, Summerville, SC 29843, 843-832-0341, mformisano@dorchestercounty.net	Matthew Halter (now Mike Golston - Interim), PW Dir, 2120 E Main St, Dorchester, SC 29437, 943-832-0070, mgoldston@dorchestercounty.net
2013 TS Andrea					



CrowderGulf
RFP for Disaster Debris Removal and Disposal Services
Franklin County, FL

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
Gulf Shores, AL 6/11/2013-6/14/2013	Cleaned the beaches of debris	\$8,029	Hourly	Mark Acreman, PE City Engineer, PO Box 299, Gulf Shores, AL 36547, 251-968-1155, macreman@gulfshoresal.gov	Charles Hunter, PW Dir, PO Box 299, Gulf Shores, AL 36547, chunter@gulfshoresal.gov
2013 Blizzard Nemo					
Charlestown, RI 9/9/2013-4/16/2013	Removed & Disposed: vegetation, leaners/hangers (6/192) Reduced by grinding	\$34,378	1,499	Alan Arsenault, Deputy PW Dir, 4540 S County Trail, Charlestown, RI 02813, 401-364-1230, publicwrks@charlestownri.org	Jeff Stevens, CDR Maguire (Monitor), 2255 Chapman St, 4 th Floor, Providence, RI 02905, 401-536-8178, Jeffrey.Stevens@cdrmaguire.com
2012 Hurricane Sandy	4 Contracts Activated – 1 DMS Managed for Event	\$57,805,734 Total Event Cost	727,194 Total Event CY		
2012 Hurricane Isaac	9 Contracts Activated - 3 DMS Managed for Event	\$2,821,936 Total Event Cost	245,799 Total Event CY		
2012 T S Debby	1 Contract Activated - 1 DMS Managed for Event				
2012 T. S. Beryl	1 Contract Activated - 1 DMS Managed for Event				
2011 Hurricane Irene	31 Contracts Activated - 13 DMS Managed for Event	\$14,754,641 Total Event Cost	1,674,037 Total Event CY		
2011 Tornado	3 Contracts Activated - 3 DMS Managed for Event	\$6,077,718 Total Event Cost	529,614 Total Event CY		
2010 BP Oil Spill Response	5 Contracts Activated	\$129,398,322 Total Event Cost			
2008 Hurricane Gustav	3 Contracts Activated	\$754,488 Total Event Cost	78,199 Total Event CY		
2008 Hurricane Ike	36 Contracts Activated - 27 DMS Managed for Event	\$178,318,426 Total Event Cost	16,933,904 Total Event CY		
2008 T.S. Fay	3 Contracts Activated - 1 DMS Managed for Event	\$331,745 Total Event Cost	16,620 Total Event CY		
2006 Ice Storm	2 Contracts Activated - 1 DMS Managed for Event	\$4,738,473 Total Event Cost	537,483 Total Event CY		
2006 T.S. Ernesto	2 Contracts Activated	\$441,580 Total Event Cost	24,318 Total Event CY		
2005 Hurricane Wilma	19 Contracts Activated - 11 DMS Managed for Event	\$77,117,713 Total Event Cost	4,121,047 Total Event CY		
2005 Hurricane Rita	5 Contracts Activated - 16 DMS Managed for Event	\$94,502,646 Total Event Cost	10,548,710 Total Event CY		
2005 Hurricane Katrina	32 Contracts Activated - 8 DMS Managed for Event	\$96,564,498 Total Event Cost	3,821,306 Total Event CY		
2005 Hurricane Dennis	11 Contracts Activated - 6 DMS Managed for Event	\$12,234,092 Total Event Cost	950,593 Total Event CY		
2004 Hurricane Ivan	12 Contracts Activated - 11 DMS Managed for Event	\$115,174,548 Total Event Cost	7,084,915 Total Event CY		
2004 Hurricanes Charley, Frances & Jeanne	24 Contracts Activated - 50 DMS Managed for Event	\$177,251,685 Total Event Cost	9,715,763 Total Event CY		
2003 Hurricane Isabel	16 Contracts Activated - 19 DMS Managed for Event	\$66,344,733 Total Event Cost	5,447,815 Total Event CY		

Mobilizing Large Workforces



Company-owned/Leased Equipment

CrowderGulf maintains a large inventory of company-owned/leased equipment that is debris specific and available for immediate response to a disaster. Company-owned/leased equipment will be pre-positioned for emergency PUSH operations and dispatched to the disaster area immediately upon the receipt of a NTP in order to begin restoring critical services in Franklin County as quickly as possible. The following is a partial list of company-owned equipment available for use in any debris operation:

EQUIPMENT	UNITS
• Self Loading Trucks; (30 – 100 cubic yards)	65
• Dump Trucks (16 yards – 50 yards)	153
• Rubber Tire Loaders (equipped with debris handling grapples)	26
• Rubber Tire and Track Equipped Excavators (with buckets and grapples)	18
• Pick-Up Trucks (equipped with portable phones for Foremen)	25
• Service Trucks	12
• Skid-Steer Loaders (equipped with buckets and grapples)	10
• Cherrington Beach Cleaners 4500 & 4500 XL	5
• Stationary Power Screens – (sand screener)	2
• Diamond Z 14' Tub Grinders	6
• Shallow and deep water boats equipped with latest sonar and photo equipment	4
• Barges, tugs and large boats for heavy marine debris removal	4

Equipment Rental Agreements

CrowderGulf also maintains active accounts with all major national equipment rental companies to supplement equipment needs as may be required (i.e. Beard, Hertz, Caterpillar, John Deere, United Rental, Sunbelt, etc.).

All equipment shall meet all federal, state and local regulations.

Additional Equipment Information

- All equipment used for this contract will be rubber wheeled or rubber tracked unless otherwise approved by the County.
- To the maximum extent possible, CrowderGulf and its subcontractors shall use self-loading trucks with grapples or grapple attachments. Hand loading will not be permitted.
- No subcontractor will be allowed to solicit work from private citizens while assigned to the contract.
- No equipment assigned to this contract will be used for any other contract work.
- All trucks will be marked with proper signage. The lettering will be 3 inches in height or greater to allow for readability and clarity.



Repair and Maintenance Equipment

CrowderGulf has the ability to perform maintenance and repair in the field, where the work is happening. Local resources may have experienced damages or have other responsibilities that take priority over their business such as family matters. To insure we have safe functioning equipment, over the years CrowderGulf has built a large support system for our company owned equipment and subcontractor equipment should they need assistance.



Service Trucks - CrowderGulf often utilizes our fleet of smaller service vehicles. These are typically one plus ton trucks outfitted with specialized equipment to make field services easier to complete. Features of these trucks include the following:

- Air compressors
- Welding equipment
- Boom cranes
- Tommy-gates
- Lubricant
- Exhaust and other fluids
- Small tools
- Misc. small parts



Box Service Trucks - When a repair or service requires heavier equipment and additional support, CrowderGulf provides our "box trucks" which have several different types of equipment to allow the CrowderGulf employed full-time mechanic more options when conducting repairs. These units typically keep on hand the following supplies:

- Several sets of various size tires
- Large air compressors
- Welders
- Lift gates
- Hoses
- Fittings
- Hydraulic lines
- Hydraulic hose crimping machines
- Lubricant
- Exhaust and other fluids
- Small tools
- Misc. small parts



Mobile Repair Shop

CrowderGulf also owns a state of the art mobile repair shop. This is a larger unit, towed by a semi-truck. Once set up in an area, this unit performs the same as a shop. Features of this unit are self-contained, diesel powered electrical system, full hydraulic hose manufacturing ability, tool room, tire racks, outside flood lighting, and many other features that allows this unit to function like a full featured automotive repair shop. No matter what the situation is, CrowderGulf, utilizing our in-house assets, can maintain our fleet during any size activation.



Anticipated Outside Support/Subcontractor Equipment

CrowderGulf's has developed a Nationwide Database of Approved and Trusted Subcontractors & Vendors. It is company policy to utilize **qualified local subcontractors** to the maximum extent possible in compliance with **44 CFR 206.10**. We also endeavor to employ a percentage of qualified Minority Business Enterprise (MBE) subcontractors. In previous disaster activations, CrowderGulf has pre-positioned manpower and equipment to provide immediate response. The table below provides the number of subcontractors and their **equipment** listed in our database, in relation to the State of Florida.

Subcontractor Information	FL	US. 2018
Number of Registered Subcontractors	825	2791
Subcontractor Equipment	FL	US. 2018
Dump Trucks (16-65)	4426	11570
Pick up w/ dump trucks	1056	3976
Knuckle-boom trucks	462	2652
Wheel Loader 50hp – 150hp	1318	3971
5 ton Pickup truck	1269	6026
Hydraulic Excavator 50hp-150hp	1073	4474
Trailer Mounted floodlight	202	1382
Low-bed Trailer w/ tractor	408	2012
Water Truck	193	873
Air Curtain Burner	69	252
Backhoe w/ loader 15	292	1517
Dozer, 2-3 yd blade/root rake blade D7	557	2580
Grader, Motor, 12 ft blade 130-140hp	151	616
Chipper	204	1076
Tub Grinder 300-400 hp & 800-1000 hp	166	655
Self loading trucks	704	2723
Skid steer 40 hp – 80 hp	1331	5109
C&D Walking Floor 80-110 CY	312	1529
Mulch Trailer 80-110 CY	140	731
Bucket Trucks	453	2118
Barges	100	877
Work Boats	159	969
Vacuum Trucks	92	842

Florida Subcontractor Statistics	Regional	FL
Small Business	30	596
M/WBE, HUB, SDB or Veteran Certified	22	338
Push Crews	30	322
Debris Haulers	45	634
Marine Debris	3	39
Haul Outs	6	35
Grinding	3	43
Burning	5	18
Concrete Reduction	2	6
Recycling	0	7
Hazardous Material	1	8
Tree Work	5	74
Staffing	2	19

Key Personnel

CrowderGulf Disaster Management brings a responsible and experienced organization to partner with Franklin County. CrowderGulf's extensive experience and personnel resources enables us to quickly assemble uniquely trained and experienced project teams and match specialized equipment and subcontractor resources with project execution requirements. All CrowderGulf officers, managers and supervisors have been involved in previous successful disaster related to debris operations and have been fully trained in quality control, safety, ethics and drug policies of CrowderGulf. Should we need their services we have additional management resources that include retired and semi-retired construction, City, County, FEMA, and Power Company professionals who are experienced in managing and inspecting disaster related work. We also have a standby agreement in place with various engineering companies to provide personnel for engineering services, if needed.

■ Project Management Team Member Bios

The names and biographical information of CrowderGulf's professional staff that could be assigned to the County's Management Team are provided below. Each individual is very experienced in emergency debris management. Depending on the need, additional staff may service the County. All additional CrowderGulf staff added will be upon approval of the County.

Nick Pratt – Director of Operations

Mr. Pratt serves as CrowderGulf's Director of Operations. His ability to coordinate our field assets and subcontractor resources has proved invaluable to the overall success of our many projects. Nick began his work at CrowderGulf in 2004 as an equipment operator and crew foreman following Hurricane Ivan. Having completed this large debris removal operation with great success, Nick's talents and abilities were used again to provide field supervision over crews in Pascagoula, MS following Hurricane Katerina in 2005 and in Texas after Hurricane Ike in 2008. Nick supervised and managed several hauling crews until the final cleanup work was completed in Bolivar, Texas. Nick was promoted to Project Manager in 2010 and was assigned project management duties for the BP Deep Water Horizon Oil Spill cleanup. He initially handled all of the logistics for the Oil Spill project, putting hundreds of pieces of CrowderGulf equipment in place and directing and training hundreds for CrowderGulf employees throughout the operation. Nick has continued to assist our team by providing his expert knowledge and leadership in the field to complete any assignment given to him on or ahead of schedule. He has played a vital role as project manager for our large waterway debris removal contract with the New Jersey Dept. of Environmental Services, as a result of Hurricane Sandy in 2012. From 2012- 2018, Nick has worked numerous disaster responses for CrowderGulf providing Project Management and asset coordination assistance for multi-state responses. Most recently, Mr. Pratt worked to secure subcontractors, field personnel, equipment and assets in 2017 after Hurricane Harvey struck the Texas Coast. Hurricane Irma devastated Florida two weeks later and he remobilized and oversaw the same task items along the Florida Coast. He managed to supply necessary subcontractors and equipment to all **91 activated contracts** in Texas and Florida after those two historical storms. In addition, Mr. Pratt has been the Senior Project Manager in the field for the Florida Department of Environmental Protection waterway debris removal project that occurred after Hurricane Irma. Multiple Counties throughout Florida activated contracts and he worked with Project Manager to remove approximately **250,000 Cubic Yards** of waterway debris. Mr. Pratt attended the University of South Alabama. He also holds certificates in CPR and First Aid, 40 hour HAZWOPER and refresher and in 30 Hr OSHA Construction. (NIMS Trained)



Barrett Holmes – Regional Manager

Mr. Holmes joined the CrowderGulf Management Team after more than 29 years of successful leadership and management experience with the United States Army Corps of Engineers with such elite groups as the Army European Command, the 1st Cavalry Division - III Corps, and the Japan Engineer District of the Pacific Ocean Division. From 2010 to 2014, Mr. Holmes was Senior Manager / Defense Coordinating Officer for the Federal Emergency Management Agency (FEMA), Region IV, Atlanta, GA. He is a successful manager with substantial experience in crises management and disaster responses to complex catastrophes. He has worked closely with authorities at all levels of government including governors, state emergency management directors and local officials. His most recent experience includes oversight of the entire cleanup operation in Hilton Head Island, SC after Hurricane Matthew.



Mr. Holmes and his team handled Emergency PUSH Operations and removed and disposed of approximately **3,012,487 Cubic Yards of Debris**. His experience includes operations related to hurricanes Earl, Isaac and Sandy as well as the Gulf clean-up operations after the Deepwater Horizon oil spill. Mr. Holmes holds a Master of Science degree in Construction Management from the University of Florida and a Master of Science degree in Strategic Studies from the United States Army Senior Staff College. He is also affiliated with the Society of American Military Engineers, Army Engineer Association and the International Association of Emergency Managers. (NIMS Trained)

Don Madio – Regional Manager

Since 1999, Don Madio has served on more than 75 mid-to-large-scale disaster recovery and debris management projects. Don's seasoned portfolio offers a wide range of competent recovery and management disciplines, providing critical oversight to operational challenges and innovative project strategies that regularly exceed client expectations and project goals. Upon taking a position with CrowderGulf, Don was deployed, following Hurricane Matthew, where he provided management and oversight to four adjoining municipal governments. These projects were successfully completed within the client's time frame and contract specifications. Most recently, Mr. Madio served as Florida's Regional Manager and was tasked to manage all Florida debris removal operations after Hurricane Irma swept through the State of Florida. He and his team of Project Managers and Field Supervisors managed 64 successful debris management and waterway projects. All the while, Mr. Madio handled any challenges that the historic 2017 Storm Season threw at him and met all client's expectations. Overall, he and his team helped remove and dispose of over **11.8 MILLION CUBIC YARDS** of Hurricane Irma generated debris. Mr. Madio is a graduate from the University of Florida. (NIMS Trained)



Brian Smallwood – Regional Manager, LEED AP

Mr. Smallwood graduated Auburn University in 2006 with a Bachelor's Degree in Building Science. After graduation, he worked as a Project Manager in Atlanta, GA for one of the largest general contracting firms in the nation. There he built a strong management foundation and obtained the necessary fundamentals to plan and coordinate with owners, engineers and government officials. Mr. Smallwood has the skills to estimate, propose, contract, coordinate, schedule, manage, budget, document and close-out a project from start to finish. Mr. Smallwood is often the first employee on the ground after a disaster. His fast mobilization time is of great benefit to clients as it generates an extremely quick start time. Mr. Smallwood has the ability to accurately assess damaged areas to help municipalities plan for a recovery effort. Mr. Smallwood took on the role of Regional Manager during the activation that took place after Hurricane Harvey. He oversaw ALL 26 contract activations throughout the State of Texas. He and his team removed and disposed of approximately **4.7 MILLION CUBIC YARDS** of Debris. In 2016, he worked during Hurricane Matthew with the South Carolina Department of Transportation removing and disposing of approximately 500,000 Cubic Yards of Debris. He managed 6 separate Debris Management Sites for both State and County Roads and coordinated assets and resources for a population of over 315,000 residents. Mr. Smallwood serves as the Contract Representative for pre-event contracts in Alabama, Florida, Mississippi, Louisiana, Washington and California. His role in servicing contracts include conducting yearly training sessions, determining high risk areas within a community, locating debris storage sites, determining final debris disposal locations and discovering methods and options for recycling and reuse of debris. Mr. Smallwood is a LEED Accredited Professional with certifications in NPDES and FEMA courses. Mr. Smallwood has a current OSHA 30 and HazWoper 40 certification. Mr. Smallwood also holds the General Contractors license for CrowderGulf in the State of Florida. (NIMS Trained)



Wilber Ledet – Senior Project Manager

Mr. Ledet's disaster experience with CrowderGulf began after Hurricane Ike with the managing of the wet debris targets identified by sonar from West Galveston Bay, Tiki Island and Omega Bay, TX. This project also included his expertise in managing the stored vessel reclamation program in which he assisted in the removal of hazardous substances from the vessel and coordinated its proper disposal.



From 2010 to 2012, Mr. Ledet managed up to 800 Hazwoper certified responders and facilitated meetings with Environmental Teams and BP officials, serving as project manager, assigned to the Deepwater Horizon Oil Spill. In 2012, following Hurricane Isaac, Mr. Ledet was assigned as Project Manager to oversee the sand removal, sand screening and beach berm construction for the Town of Dauphin Island, AL. This project included sea oat replacement, and the management of the right of entry program for sand reclamation on private property. Following Super Storm Sandy in 2012, Mr. Ledet was assigned as project manager to oversee the wet debris removal from Barnegat Bay, NJ, and successfully completed removal and disposal of over 700,000 yards of wet debris. Mr. Ledet has also served as Project Manager for Ice Storm Pax (NC), and 2014 Tornado Outbreak in Limestone County (AL). Mr. Ledet worked as the Project Manager after the 2015 Severe Floods that devastated Columbia County (SC) in early October, 2015. Most recently, Mr. Ledet managed the floods in Ouachita Parish (LA) and Brazoria County (TX). In late 2016, the City of Central (LA) suffered some severe flooding and Wilber lead the CrowderGulf Team during the removal operations within the City and East Baton Rouge Parish. Mr. Ledet also was the Senior Manager on Hilton Head Island (SC) which resulted in the removal and disposal of over **2.8 Million Cubic Yards** of debris. After Hurricane Matthew, he worked on the waterway debris removal project in Brevard and Volusia County (FL) for the Florida Department of Environmental Protection. In 2017, Mr. Ledet was deployed to **Aransas County, Rockport and Corpus Christi after Hurricane Harvey** caused extensive damage to the area. As Senior Project Manager, he was in charge of all 3 locations and he and the CrowderGulf Team removed and disposed of approximately **2.5 Million Cubic Yards** of debris.

John Campbell – Regional Director

Mr. Campbell has experience in disaster response planning and management since 1968. He has a B.S. degree in Political Science from the University of Southern Mississippi and a Masters degree in Logistics Management from the Florida Institute of Technology. After retirement from the U.S. Army as a full Colonel with 30 years of service, he served for six years as Chief of Operations for Lee County Emergency Management in Fort Myers, Florida. He has direct experience in debris recovery operations from Hurricane Iniki in Hawaii and Hurricanes Charley, Ivan and Wilma that impacted Southwest Florida. He also provided mutual aide to Escambia County, Florida following Hurricane Ivan. During his 36 years of public service, he amassed an extensive background in high-level management, disaster response and training. He also trains CrowderGulf clients in all facets of debris management, Incident Command System (ICS), National Incident Management System (NIMS) and the FEMA PA program process. Mr. Campbell was previously qualified as an accredited Professional Emergency Manager through the Florida Emergency Preparedness Association (FEPA) and remains active in the organization. (NIMS Certified Instructor)



Leigh Anne Ryals, ALEM, CLEM – Emergency Management and Quality Control Specialist

Mrs. Ryals has over 17 years of experience and training in Emergency Management. She has 11 years serving as an Emergency Management Director and 5 years serving as a Disaster Public Information Officer. She has worked 12 Presidential Disaster Declarations and one Incident of National Significance, the Deep Water Horizon oil spill, and of those disasters she served as Incident Commander for eight of those events. She is extremely knowledgeable with FEMA's public assistance policies and procedures and has been successful in the FEMA appeals process. She has served as a member of the FEMA Hurricane Liaison Team and testified before the 110th and 111th U.S. Congress on Hurricane Katrina Preparedness and Response Initiatives – Best Management Practices. Mrs. Ryals learned first-hand the type of documentation and determination it takes to be successful in an OIG / FEMA audit. She obtained valuable knowledge in documentation proper damage survey, reports/technical writing, and extensive knowledge on FEMA policy and procedure. Mrs. Ryals is a Licensed and Certified Alabama Emergency Manager; and serves as a NIMS 300 & 400 Course Instructor and holds numerous FEMA and State Emergency Management Certifications. (NIMS Certified Instructor)



Jeff Zemlik – Safety Manager

Mr. Zemlik has been affiliated with the construction industry since a young age, starting his safety career by managing the safety department of his family's masonry company, which completed over 1.5 million safe work hours. His past projects have included the State of New Jersey after Hurricane Sandy in 2012, developing and directing the safety program for the BP Oil Spill for the State of Alabama, constructing the largest indoor primate house at Chicago's Brookfield Zoo and reworking furnaces in and around the steel mills of Gary, Indiana. He is currently charged with overseeing the Safety Department for CrowderGulf. Mr. Zemlik is a graduate of Indian River State College, earning degrees in both Organizational Management and Occupational Health and Safety. Currently he is enrolled at Columbia Southern working toward his masters in Occupational Health and Safety. He holds certifications in USACE Construction Quality Management, USACE 385-1-1 40 hour, 40 hour HAZWOPER certificate and Instructor, SONS & TWIC, OSHA 10 hour General Industry, OSHA 510 & 500, Leadership & influence, DOT Supervisor and Root Cause & Incident Training. (NIMS Trained)

**Andrew “Drew” Sprinkle - Project Manager**

Prior to joining the CrowderGulf team, Mr. Sprinkle worked as an Account Manager for a third party logistics provider in Chattanooga, TN. In this position, he managed multiple high volume logistics accounts for customers in the construction and steel industries. The cradle-to-grave business model of this company allowed Andrew to oversee all aspects of his accounts, giving him valuable knowledge in the many areas of project management. Upon coming aboard with CrowderGulf, Mr. Sprinkle was involved in debris removal and haul out operations in the Corpus Christi, TX area following hurricane Harvey. Most recently, Mr. Sprinkle worked as a Project Manager in Collier County, FL on a waterway debris removal project. Mr. Sprinkle has a BSBA Degree from Auburn University in Supply Chain Management. While studying at Auburn, Mr. Sprinkle served as a Student Project Management Consultant intern for the Port of Catania in Sicily, Italy. While there, he worked within a team of other international students to develop a solution plan that would allow for an increase in port traffic while maintaining safe and efficient operations. He holds certifications in OSHA 30, TWIC, and NIMS.

**Clayton Young – Senior Project Manager**

Mr. Young has been employed by CrowderGulf as a field supervisor since 2010. He worked as Field Supervisor in Walker County, AL during the tornado cleanup and later in North Carolina (NCDOT) debris removal project after Hurricane Irene in 2011. He spent 2008-2009 managing the restoration of properties involved in the Hurricane Ike mitigation buyout of 800 pieces of property in Galveston County, Texas. Mr. Young was responsible for the bidding and estimation of cost and reconstruction of these properties, turning them into green space. Mr. Young has studied in and traveled extensively throughout Europe which has made him an excellent interpersonal communicator and broadened his understanding of domestic and international business. He has a BA from the University of North Texas in Entrepreneurial Management. (NIMS Trained)

**Howard Turner - Project Manager**

Mr. Turner has a long career spanning over 2 decades experience in the debris management industry. He began his management career at Grind-all where he oversaw scheduling and operations of four grinders, three screens, mulch coloring plant, fifteen loaders, excavators, trucks, and miscellaneous equipment. He was also responsible for the operation of three dumping and grinding sites for preparation of mulch, topsoil and organic growing media. After Hurricane Isabel devastated the eastern portion of Virginia and the Carolina's in 2003, Mr. Turner utilized his experience in DMS and debris reduction management for CrowderGulf. Mr. Turner served as the Project Manager in Virginia Beach, Norfolk, Suffolk, Newport News, and the Counties of James City, Southampton, York, and Suffolk. He was responsible for all aspects of disaster debris collection, recordation, reduction, damage claims and client contact.



In 2004, Mr. Turner served as the Project Manager for Lee County, Cities of Ft. Meyers and Cape Coral, Sanibel and Captiva Islands, and Upper Captiva Island after Hurricane Charley and Frances damaged the area. He was responsible for day-to-day management of all disaster recovery activities including collection crews and equipment, debris reduction and disposal, site restoration and acting as the Liaison with the municipalities, the Corps of Engineers and FEMA.

Then in 2011, Mr. Turner managed York County, VA after Hurricane Irene effected the area. Most recently, Mr. Turner managed the Hurricane Irma debris management operation for numerous clients in the center portion of Florida.

■ **Corporate Management Team / Top Level Management Personnel**

The personnel listed below bring a wealth of disaster debris removal and management experience. They have been involved in management and operational decisions of all past contract activations for the past 10 years. The knowledge and expertise make them invaluable assets to any debris removal operation from startup to final invoicing and reconciliation.

John Ramsay – Chief Executive Officer & President

Mr. Ramsay is a graduate of Auburn University with a degree in Agriculture and has over 45 years of experience in storm debris removal and reduction operations and management. Working all disaster work since Hurricane Camille, in 1969, Mr. Ramsay is one of the foremost experts in all phases of a debris operation, including removal, reduction, recycling and disposal. As one of the owners and the founder of CrowderGulf, he takes a personal interest in each of the municipalities we have served over the years. In non emergencies, Mr. Ramsay is a well respected member of the timber industry. His experience in agriculture, farming, and silviculture provides opportunities for CrowderGulf to leverage additional services and expertise to our clients. He is well respected in the field and his technical advice has been and continues to be sought after by other contractors, municipalities, and various agencies such as Wildlife and Fisheries. Mr. Ramsay has been especially involved in creating innovative ways to recycle debris wastes. (NIMS Trained)



Ashley Ramsay-Naile – Senior Vice President and Chief Operating Officer

Mrs. Ramsay-Naile is a Graduate of the University of South Alabama. She has been involved in managing the day to day business of CrowderGulf operations since 1995 when Hurricane Opal impacted the Florida Panhandle. She has played a vital role in establishing the Disaster Administration Office (DAO) in which she has structured and managed since its acquisition. As Chief Operating Officer for CrowderGulf, her role has provided a liaison to clients, logistics coordination with our field operations, contract negotiations, preparation of proposals, subcontractor coordination, field supervisor, project management, and all aspects of back office activities including accounts payable, accounts receivable and human resources. In 2012, Mrs. Ramsay-Naile was appointed by Governor Robert Bentley, to the Alabama State Workforce Investment Board. (NIMS Trained)



Margaret R. Wright, Ph.D. – Senior Documentation Director

Dr. Wright has over 25 years of professional training and managerial experience. As a vital member of CrowderGulf's Senior Management Team, her roles include technical proposal writing, training developer and facilitator, regulations compliance, management of record keeping, including day-to-day operations of work completed, communication and coordination with contracting entities during reconciling process, and conducting formal evaluations at completion of projects. Dr. Wright has worked in field operations setting up and managing field offices, hiring and training personnel to work with all required documentation, and at CrowderGulf's Disaster Assistance Office (DAO) after all major disasters since 2003. In 2017, Dr. Wright worked **onsite** with our Client and their monitoring firm to assure that documentation and FEMA reimbursement went smoothly after Hurricane Hermine caused damage in the Florida. She worked to properly invoice and document approximately 9 Million Dollars for the City of Tallahassee and Leon County. Most recently, she and her team worked to invoice and reconcile over **180 Million Dollars for Hurricane Irma and over 86 Million for Hurricane Harvey**. (NIMS Trained)



Raymond "Buddy" Young – Regional Director

Mr. Young was **Regional Director of FEMA Region VI from 1993 – 2001** and served as Administrator for 133 federally declared disasters and emergencies. He is nationally known and recognized in the Emergency Management field and is extremely knowledgeable about FEMA policies and procedures. He is a retired Captain of the Arkansas State Police where he served for 26 years. As the Director of Operations, Mr. Young has been directly involved in the field operations for all major disasters from Hurricane Isabel in 2003. Mr. Young's FEMA knowledge and experience is invaluable to both CrowderGulf and all clients as decisions must be made during the cleanup operation. Mr. Young is one of the most knowledgeable people working in the debris management field with firsthand experience in managing major disasters. He is also a current member of the Board of Directors for Disaster Recovery Contractors Association (DRCA). (NIMS Trained)

**Gary Jones – FEMA Specialist and Technical Assistance Manager**

Mr. Jones has over 28 years working for the Federal Emergency Management Agency (FEMA). He served as **Deputy Regional Director of FEMA Region VI for 17 years**. During those 17 years as Deputy, he also served as Acting Regional Director for 4 years. Mr. Jones was responsible for administration of emergency management programs in the FEMA Region VI states of Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. He provided direct oversight and implementation of response and recovery operations for presidentially declared disasters in the five-state region. Additionally, Mr. Jones served as a Branch Chief managing several Technological Hazards Branch programs to include Radiological Emergency Management Preparedness, Radiological Defense, Haz. Materials, Earthquake and Hurricane Preparedness, Dam Safety and Chemical Stockpile Emergency Preparedness programs. He was designated Federal Coordinating Officer for Hurricanes Katrina, Rita and Georges and provided executive leadership to over 300 federally declared disasters. Mr. Jones has a Master's Degree from Tulane University and a Bachelor's Degree from the University of Arkansas. (NIMS Trained)

**Reid Loper – Vice President, LEED AP**

Mr. Loper previously worked as a project manager for a commercial construction company in Atlanta, Georgia, prior to choosing to return to the Gulf Coast. The time spent in Atlanta gave him vast knowledge in management, estimating, schedule and budget supervision. Mr. Loper has estimated over \$200 million of work and completed over \$100 million in commercial construction. He graduated from Auburn University with a bachelor's degree in Aerospace Engineering where he worked as a research and design student. Mr. Loper started his career with CrowderGulf in 2010, as Senior Project Manager (SPM) for the BP Oil Spill. As SPM, his role was managing over 1,200 personnel and 600 pieces of equipment. Managing several projects at once is Mr. Loper's strong point and the BP project consisted of simultaneously managing more than eight different major projects throughout the Alabama Gulf Coast for the BP Deep Horizon oil spill operation. These projects ranged from sand screening, dredging, hazardous waste handling and vessel operations, to side scan sonar work. All projects have cumulatively exceeded \$130 million in invoicing and total project cost. In 2012 Mr. Loper took on the task as SPM to oversee CrowderGulf's Hurricane Sandy Response for the New Jersey Department of Environmental Protection Agency. The work consisted of waterway, marine, and marsh debris removal, totaling in over 450,000 cubic yards of debris removed and 109 vessels recovered. The project was called "Unprecedented" by the DEP commissioner as the largest waterway debris removal operation and set new guidelines with the Federal Government on how marine debris and dredging operations are conducted. While in New Jersey, Mr. Loper also managed a flood prevention (Harding) project using HESCO barriers, for JP Morgan Chase's national data center in Carlstadt, NJ. This project used temporary structures to effectively raise the building's relative flood plain. Towards the end of 2014 and his stay in New Jersey, Mr. Loper oversaw the removal of 6 massive derelict house boats in Southern New Jersey, which was funded under a NOAA Grant for coastal restoration and improvements. Mr. Loper is NIMS certified and holds general contractor licenses in the following states: Virginia, South Carolina, Georgia, Alabama, Mississippi, and Louisiana. (NIMS Trained)



▪ Disaster Administration Office Team

Wesley Naile - Contracts Manager

Mr. Naile has had experience in the disaster and recovery field since 2004 when he served in Volusia County, Florida as a CrowderGulf's Field Manager during Hurricane Charley, Frances and Jeanne. In 2005, he was assigned the role of Logistics Coordinator working out of the disaster administration office, coordinating materials, equipment and subcontractors to CrowderGulf's clients. Mr. Naile's roles now include the management of the pre-event contracts database information, coordinating with new and existing clients in establishing pre-event contract awards and contract documents and coordinating with clients on contract renewals. In 1999, he worked for Gulf Equipment Corporation Wireless Telecom Division on the southern east coast doing tower site build out. He has attended the University Of South Carolina Of Beaufort. He also served three years in the U.S. Army as a 12B Combat Engineer with an honorable discharge. (NIMS Trained)



Amber Ramsay – Public/Community Relations and Marketing Manager

Ms. Ramsay has been CrowderGulf's Public/Community Relations and Marketing Manager since 2004. Throughout the year she interfaces with Clients and acts as CrowderGulf's (continuing education) Conference Coordinator. During a disaster, one of her main responsibilities is to liaison between CrowderGulf's Project Managers and USACE, elected officials, public work directors, incident commanders of Emergency Operations Centers and Clients. She coordinates directly with Public Information Officers and assists in the release of pertinent debris recovery operations to the citizens. Some of her field experience includes Field Supervisor in Pascagoula, MS after Hurricane Ivan in 2004, Lake Charles, LA after Hurricane Rita in 2005, Deere Park, TX after Hurricane Ike in 2008, and in Edenton, NC after Hurricane Irene in 2011 and Dauphin Island, AL after Hurricane Isaac in 2012. Prior to coming to CrowderGulf she was a Marketing/Sales Manager for McKenzie-Childs in New York City for 10 years. Ms. Ramsay is a Graduate of Auburn University. (NIMS Trained)



Gina Walley – Accounts Receivable Manager / Documentation Specialist

Ms. Walley has been the Accounts Receivable Manager and Documentation Specialist since 2005. She continually interfaces with clients and client representatives to build a strong team relationship to provide accurate documentation to support CrowderGulf work and eligibility. She works closely with clients during FEMA audits to provide necessary documentation in a timely manner. Her background in Computer Engineering Technology has helped her in creating and managing all in-house databases. Each database is specifically designed to meet the client's needs. In addition to client databases, she also builds databases that house pertinent company data such as contract information, subcontractor information and historical CrowderGulf information. Shortly after Hurricane Ike in 2008, she teamed with a programmer to build a unique and powerful database that has proven to increase accuracy in data recording. Ms. Walley's experience has spanned across more than 20 major hurricane events as well as numerous non-disaster related projects. (NIMS Trained)



Jenny Todd – Subcontractor SBE Manager

Ms. Todd manages subcontractors and develops and promotes CrowderGulf's Small/Minority Business division. Her focal point is to contact and localize subcontractors during and after the RFP development phase in an effort to maintain community involvement and maximize local small /minority businesses participation. In 2003, she earned a Bachelor of Science degree in Marketing and a minor in Mathematics from the University of Alabama. After graduation, she joined a law firm in Tuscaloosa. In 2005 she joined the CrowderGulf Team which was during the rebuilding process along the Gulf Coast after Hurricane Katrina. The legal experience she gained made her the ideal candidate to oversee the subcontracting operations. (NIMS Trained)



Resumes will be provided upon request.

No employee identified for anticipated assignment to the County's Site Management Team has ever been a defendant in any proceeding involving or arising out of debris removal services.

Additional Personnel

The following is a partial list of CrowderGulf's available management, administrative, and supervisory personnel (full resumes are available upon request) who, depending on the scope of work, may be assigned to the contract:

Full Time and DAO Personnel

Personnel	Debris Management Skills	Personnel	Debris Management Skills
John Aaron Ramsay	Superintendent, Sub Contractor Crew Foreman	Andrew Sprinkle	Field Supervisor
Lyman M. Ramsay	Senior Project Manager	Tom Robinson	Field Supervisor
James Thompson	Foreman	Kelly Williamson	Subcontractor Accounts Payable Mgr, DAO
Ercil Goodwin, PLS	Professional Land Surveyor, Project Manager	Gabriel Rel	Field Supervisor
Hough Holton	Project Manager/Field Supervisor	Jim Rinehart	Field Supervisor
Mike Moulder	Project Coordinator	Donna Suters	Accounting, Documentation Management
Howard Turner	Project Manager/Field Supervisor	Jenny James	Accounting, Documentation Management
John Bush	Project Coordinator/Field Supervisor	Mary Turner	Logistics, Contract Management
Daryl Moulder	Field Supervisor	Desiree Matlack	Project Manager, Field Supervisor
Larry Hedgepath	Project Manager, Account Manager	Charles Clark	Field Supervisor
Kelly Pridgen	Project Manager, Account Manager	Ronald Thorson	Field Supervisor
Melinda Runge	Executive Administrative Assistant	Kerrie Noll	RFP Coordinator

Additional Field Personnel

Personnel	Debris Management Skills	Personnel	Debris Management Skills
Jay Bender	Project Manager	Jan Leggett	Project Manager
Patrick Bernier	Project Manager	Lee Leggett	Project Manager
Anthony Bishop	Project Manager	Leigh Loper	Project Manager
James Brewer	Project Manager	Mark Loper	Project Manager
Isam Brisco	Project Manager	Matt Lucas	Project Manager
Jesus Carretie	Project Manager	Barry Lund	Project Manager
Vance DeHart	Project Manager	Desiree Matlack	Project Manager
Cliff Drinkwater	Project Manager	Lew Najor	Project Manager
Ronnie Duhon	Project Manager	Jim Poore	Project Manager
Ron Edge	Project Manager	Mark Powell	Project Manager
Dru Fontenot	Project Manager	Jim Ransom	Project Manager
Ken Francisco	Project Manager	Gabriel Rel	Project Manager
Kenny Fredriksen	Project Manager	Sam Roberts	Project Manager
Jim Frye	Project Manager	Tom Robinson	Project Manager
Ray Gill	Project Manager	Tim Smith	Project Manager
Eric Hall	Project Manager	Ron Thorson	Project Manager
LD Harris	Project Manager	Howard Turner	Project Manager
Roy Hayes	Project Manager	Joe Van Vactor	Project Manager
Dan Hayes	Project Manager	Freddy Willis	Project Manager
Joe Hayes	Project Manager	Mike Wimberly	Project Manager
Philip Hill	Project Manager	Mary Ann Wolfson	Project Manager
Barton Holmes	Project Manager	Marc Wolfson	Project Manager
Gene Hope	Project Manager	Charles Wright	Project Manager

Key Personnel Storm Chart

The chart below lists CrowderGulf's key personnel and the storms/activations since 2003:

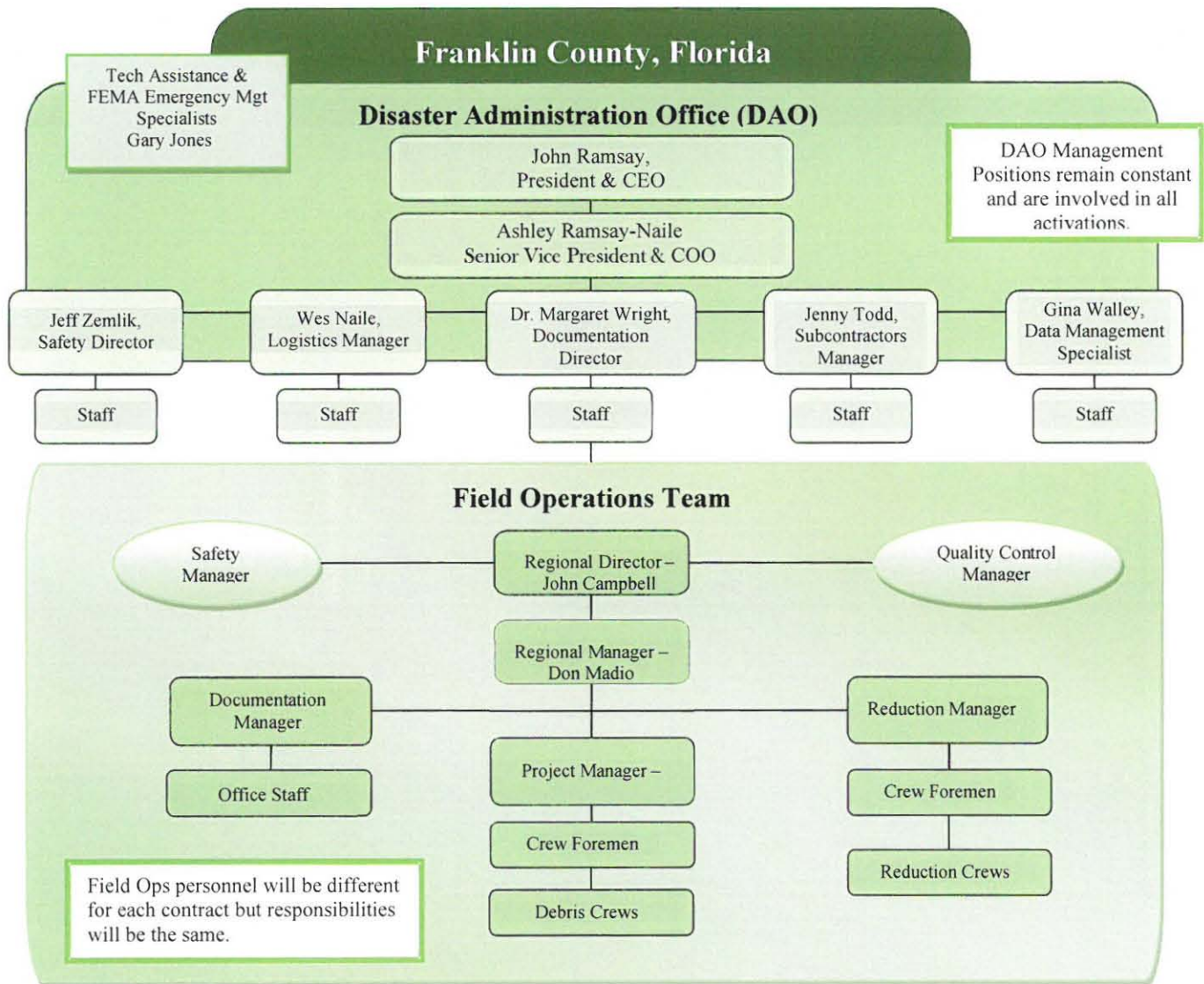
SUMMARY TABLE OF MAJOR PROJECTS WORKED BY KEY PERSONNEL

Key Personnel Past Storm Experience	2003-2017																																	
	2003	2004		2005						2006		2008		2009		2010		2011			2012		2013	2014			2015	2016				2017		
	Hurricane Isabel	Hurricane Charley	Hurricane Frances	Hurricane Ivan	Hurricane Jeanne	Hurricane Dennis	Hurricane Katrina	Hurricane Rita	Hurricane Wilma	Ice Storm	TS Ernesto	Hurricane Gustav	Hurricane Ike	Ice Storm	TS Ida	BP Oil Spill	Hurricane Earl	Hurricane Irene	Tornado	Hurricane Isaac	Hurricane Sandy	TS Debbie	Blizzard Nemo	Ice Storm Pax	Ice Storm Ulysses	Severe Storms & Flooding	Ice Storm	TX Severe Storms	LA Severe Storms	Hurricane Hermine	Hurricane Mathew	Hurricane Harvey	Hurricane Irma	
John Ramsay, Pres & CEO** Raymond "Buddy" Young, Dir. of Ops**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ashley Ramsay-Naile, VP & COO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Margaret Wright, Ph.D, Documentation Dir.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
John Campbell, Regional Dir.									✓									✓	✓	✓	✓													
Gary Jones, FEMA Specialist **																		✓	✓	✓	✓													
Brian Smallwood, Project Mgr.																		✓	✓	✓	✓													
Reid Loper, Project Mgr.																✓		✓	✓	✓	✓													
Wesley Naile, Logistics Mgr.		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓													
Eric Hall, Sr. Debris Reduction Mgr. **	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓													
Nick Pratt, Operations Mgr.				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓													
Barrett Holmes, Project Mgr. **																		✓	✓	✓	✓													
Don Madio, Regional Manager**																		✓	✓	✓	✓													
Leigh Anne Ryals, Emergency Mgt. Specialist**				✓		✓	✓	✓				✓	✓	✓	✓	✓		✓	✓	✓														
Clayton Young, Project Mgr.																		✓																
Jeff Zemlik, Safety Mgr.																		✓	✓	✓	✓													
Amber Ramsay, Public & Com. Relations		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓													
Gina Walley, Accounts Receivable Mgr.		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓													
Jenny Todd, Subcontracts Mgr.						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓													

** These employee's have additional experience with storms prior to 2003, FEMA, United States Army Corp. of Engineers, Emergency Management or other Companies

Organizational Chart

The Organizational Chart presented below depicts the structure and chain of command of the Company. CrowderGulf uses an organizational hierarchy based on the nationally recognized Incident Command System (ICS). The ICS employs a cascade of organizational components in groups of five or less to assure good quality control in high stress operations. This arrangement limits the respective spans of control to tolerable levels. CrowderGulf's use of the ICS-based hierarchy of responsibilities exploits the strength and flexibility of its management/supervisory structure.



Personnel Certifications and Understanding of Governmental Programs

CrowderGulf's management team includes previous FEMA Directors, Emergency Managers and FEMA trained Debris Specialists. Numerous certifications are held by all of our key management staff as well as our field operations staff. This wealth of knowledge is used to assist our clients in complying with FEMA guidelines and completing any and all paperwork that they may be called upon to provide FEMA, FHWA or the Office of Inspector General. Our staff is well-versed in the Code of Federal Regulations (44 CFR), FEMA's Debris Management Guide (FEMA 325), and Public Assistance Debris Monitoring Guide (FEMA 327). Today, the staff holds numerous FEMA course certifications and a number of OSHA Health & Safety and Hazardous Materials certifications. CrowderGulf employees are required to attend State and National conferences and training classes for continuing education credits and certification maintenance on a yearly basis.

Additional Courses that are relevant to Debris Management that are held by staff members include the following:

Course No.	Course Name	Course No.	Course Name
IS 1	Emergency Program Mgr.	IS-75	FEMA Military Resources and EMA
IS-2	Emergency Preparedness in the USA	IS-101/102	Deployment Basics
IS-5	Intro to Hazardous Materials	IS-111	Livestock in Disaster
IS-10/11	Animals in Disaster	IS-120	Introduction to exercises
IS-27	Orientation to FEMA logistics	IS-139	Exercise Design
IS-30/31	Mitigation eGrants training	IS-208	State Disaster Management
IS-45.11	FEMA Safety Orientation	IS-230	Principals of Emergency Management
IS-55	Household Hazardous Materials	IS-235	Emergency Planning
IS-240	Leadership & Influence	IS241	Decision Making and Problem Solving
IS-242	Effective Communications	IS-250	Emergency Support Functions
IS-324	Community Hurricane Preparedness	IS-403	Individual Assistance
IS-630	Intro to Public Assistance Process	IS-631	Public Assistance Operations
IS-632	Intro to Debris Ops in FEMA's PA Program		Oil and Hazardous Materials Response
G202	Debris Management	G363	Hurricane Readiness
G 385	Disaster Response and Recovery Operations	FEMA	EMI Professional Development Series
	Debris Management Planning Course for State Tribal and locals		Side Scan Sonar Systems Introduction and Side Scan Sonar Systems Operators Course
OSHA	HazWoper Training	ICS 363	Hurricane Readiness
	Asbestos Contractor Supervisor	L449	ICS Incident Command Train the Trainer
IS 100	Intro to ICS	IS 200	ICS for single resources & Initial Action Incidents
IS300	Intermediate ICS	IS 400	Advanced ICS
IS 700	Intro into the National Incident Mgt. System	NIMS 800a	National Response Plan
NIMS 700/701a	Multi Agency Coordination System (MAC)	NIMS 702	NIMS Public Information System
703	NIMS Resource Management	IS 803	Emergency Support Functions PW

CrowderGulf's Certifications & Training

The following is a short list of certificates and training specialized by CrowderGulf personnel. There are over 135 additional certifications and training certificates available upon request.



FEMA | Emergency Management Institute

Emergency Management Institute



This Certificate of Achievement is to acknowledge that

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00700.a
National Incident Management System (NIMS)
An Introduction

Issued May 2004 (rev. March 2017)



IS-00100 - Intro to Incident Command Systems

John Ramsay	Gary Jones	Ronald Thorson
Buddy Young	Gina Walley	Mike Moulder
John Campbell	Jenny Todd	Mark Loper
Ashley Ramsay	Jeff Zemlik	Nick Pratt
Amber Ramsay	Leigh Anne Ryals	Reid Loper
Barrett Holmes	Linda Lucas	Vance DeHart
Brian Smallwood	Lisa Baldwin	Wes Naile
Clayton Young	Margaret Wright	Wilber Ledet
Donna Suters	Charles Clark	Desiree Matlack
Eric Hall	Andrew Sprinkle	Don Madio

IS-230 - Principles of Emergency Management

Leigh Anne Ryals	Linda Lucas
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IS-00242 - Effective Communication

Reid Loper	Linda Lucas
Leigh Anne Ryals	Mike Moulder

IS-00700 - Intro to National Incident Management System (NIMS)

John Ramsay	Don Madio	Margaret Wright
Buddy Young	Ronald Thorson	Mark Loper
John Campbell	Eric Hall	Mike Moulder
Ashley Ramsay	Gary Jones	Nick Pratt
Amber Ramsay	Gina Walley	Reid Loper
Andrew Sprinkle	Jenny Todd	Vance DeHart
Barrett Holmes	Jeff Zemlik	Wes Naile
Brian Smallwood	Leigh Anne Ryals	Wilber Ledet
Clayton Young	Linda Lucas	Desiree Matlack
Donna Suters	Lisa Baldwin	

IS-300 - Intermediate ICS

IS-300 Instructors: John Campbell and Leigh Anne Ryals

Reid Loper	Jeff Zemlik
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IS-00200 - ICS for Single Resources & Initial Action Incidents

John Ramsay	Eric Hall	Mike Moulder
Buddy Young	Gary Jones	Mark Loper
John Campbell	Gina Walley	Nick Pratt
Ashley Ramsay	Jenny Todd	Reid Loper
Amber Ramsay	Jeff Zemlik	Vance DeHart
Andrew Sprinkle	Leigh Anne Ryals	Wes Naile
Barrett Holmes	Linda Lucas	Wilber Ledet
Brian Smallwood	Margaret Wright	Ronald Thorson
Clayton Young	Don Madio	
Donna Suters		

IS-00235 - Emergency Planning

Leigh Anne Ryals	Linda Lucas
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IS-00632 - Intro to Debris Ops in FEMA's Public Asst. Program

Reid Loper	Donna Suters	Linda Lucas
Leigh Anne Ryals		Mike Moulder










IS-00800 - Intro to National Response Plan (NRP)

John Ramsay	Don Madio	
Buddy Young	Eric Hall	Margaret Wright
John Campbell	Gary Jones	Mark Loper
Ashley Ramsay	Gina Walley	Mike Moulder
Amber Ramsay	Jenny Todd	Nick Pratt
Andrew Sprinkle	Jeff Zemlik	Reid Loper
Barrett Holmes	Leigh Anne Ryals	Vance DeHart
Brian Smallwood	Linda Lucas	Wes Naile
Clayton Young	Charles Clark	Wilber Ledet
Donna Suters	Ronald Thorson	

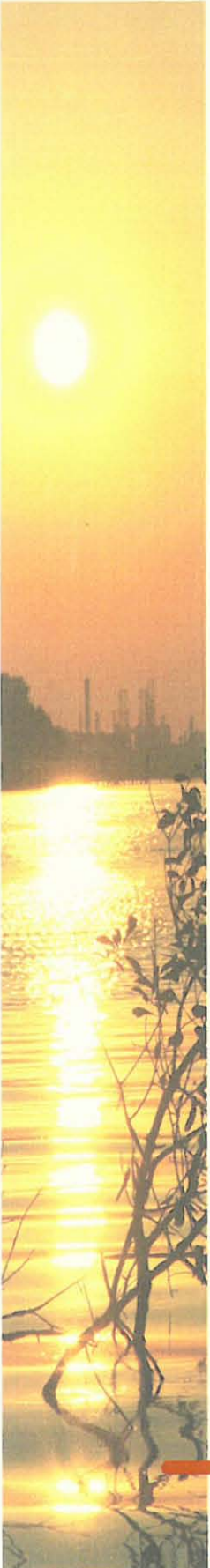
IS-400 - Advanced ICS Command & General Staff IS-400

Instructors: John Campbell and Leigh Anne Ryals

Reid Loper	Jeff Zemlik
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OSHA 30 Hour – Construction			Hazwoper – Hazardous Waste Operations and Emergency Response		
John Ramsay Buddy Young John Campbell Barrett Holmes Brian Smallwood Clayton Young Eric Hall Ronald Thorson Mike Moulder Mark Loper	Jeff Zemlik Lisa Baldwin Charles Clark Andrew Sprinkle Nick Pratt Reid Loper Vance DeHart Wes Naile Wilber Ledet		Brian Smallwood Jason Zirlott Jeff Zemlik John Campbell Nick Pratt Reid Loper	Ronnie Duhan Mark Loper Wilber Ledet Vance Dehart.	
OSHA Misc.			Watershed Management Training		
OSHA 10 Hour General industry	Brian Smallwood Jeff Zemlik		Brian Smallwood Jeff Zemlik Reid Loper	Brandi Snell Clayton Young Leigh Anne Ryals	
OSHA 500 – Train the trainer	Jeff Zemlik				
U.S.A.C.E. – Q.C.M (Construction Quality Management)			T.W.I.C. Card		
Brian Smallwood Jason Zirlott Jeff Zemlik Reid Loper Don Madio	John Campbell Leigh Anne Ryals Margaret Wright Nick Pratt Barret Holmes		Reid Loper Jeff Zemlik Wilber Ledet	Brian Smallwood Nick Pratt Drew Sprinkle	
First Aid/CPR			Misc. Training		
Buddy Young Clayton Young John Campbell Ashley Ramsay Amber Ramsay Andrew Sprinkle Barrett Holmes Brian Smallwood Clayton Young Donna Suters Margaret Wright Mark Loper Mike Moulder Nick Pratt	Desiree Matlack Eric Hall Reid Loper Vance DeHart Gary Jones Gina Walley Jenny Todd Jeff Zemlik Leigh Anne Ryals Linda Lucas Charles Clark Ronald Thorson	 Wes Naile Wilber Ledet	Asbestos Supervisor Asbestos Inspector	Jeff Zemlik Jeff Zemlik	
			USACE 385-1-1 40 hour	Jeff Zemlik	

C - FINANCIAL CAPABILITY



TAB C - FINANCIAL CAPABILITY

Financial strength is one of the most important aspects for Franklin County to consider when selecting a debris contractor. Following a major disaster, the County's financial burdens could be substantial. It is important to have a financially strong disaster-experienced contractor, such as CrowderGulf, that will work to get the job completed, regardless of any delays in invoice payments.

CrowderGulf's financial stability is solid and reliable and over the years we have established an excellent line of credit with our financial institution. We have always paid our subcontractors and personnel weekly and we have met all financial obligations without interruption. Over the years, CrowderGulf has paid out millions of dollars before receiving any payments. CrowderGulf's long time commitment to pay subcontractors weekly has allowed us to attract the most experienced and well-equipped subcontractors in the nation.

John Ramsay, President and Director of Operations, has had extensive experience working disasters and is personally aware that many municipalities are not financially prepared to handle the cost of a major recovery effort. He understands that it takes time to work through the bureaucracy and obtain funding. Consequently, CrowderGulf's position has always been one of patience with our clients as they endeavor to meet our invoices. Some clients have been more financially capable than others, but we have never had a situation in which we were unable to amicably resolve any payment issues.

AGGREGATE BONDING CAPACITY	\$ 500,000,000
SINGLE BONDING CAPACITY	\$ 250,000,000
OTHER AVAILABLE FUNDING	\$ 80,000,000

Bonding

Bowen, Miclette & Britt of Florida, LLC
Mr. Jim Congelio
1715 N. Westshore Blvd., Suite 920
Tampa, FL 33607
813-282-1938

Insurance

Point Clear (Gray Insurance)
Mr. G. B. Taylor
368 Commercial Park Drive
Fairhope, AL 36532
251-990-9050

See "Bank and Bonding Reference Letters" attached.

See Dun & Bradstreet Report attached, Audited Financial Statements can be provided upon request.

Insurance

CrowderGulf maintains **all required insurances** such as General Liability, Personal Injury, Workers Compensation, Automobile/Equipment Liability, as well as Maritime Insurance. Gray Insurance Company of Metairie, Louisiana provides this insurance coverage. *See Insurance Certification in Tab G. Insurance.*

Equal Opportunity Employer

CrowderGulf is an **Equal Opportunity Employer**. It is our policy to provide an employment and work process free of any unlawful discrimination. We will promote the value of a diverse work force, which fosters fair treatment of all individuals based on knowledge, skill, ability and performance.

Drug Free Work Place

CrowderGulf is a participant in the **National Drug Free Work Place Program**. Our policy prohibits drug distribution, possession or use while in the employment of CrowderGulf. This policy applies to all subcontractors and/or consultants that support or assist in any work conducted. Employee training, counseling and/or employee assistance programs bolster the drug free policy.



May 22, 2018

Re: Bank Reference for Crowder Gulf, LLC and Crowder Gulf Joint Venture, Inc.

Please consider this letter as verification that Crowder Gulf, LLC, and its wholly owned entity, Crowder Gulf Joint Venture, Inc., are one of Regions Bank's valued customers. Regions is privileged to have serviced the operating accounts of the companies since 1987, with all accounts handled in an exemplary manner.

The company currently maintains balances in the mid seven figures and a line of credit in the amount of \$75,000,000.

If you have any questions, please contact me at 251-690-1087.

Sincerely,

Christopher Esfeller
Senior Vice President
Regions Bank
Commercial Banking
11 N Water Street
Mobile, Alabama 36602
251-690-1087 - Office
251-610-3453 - Cell
251-690-1003 - Fax
christopher.esfeller@regions.com

11 N Water Street, Mobile, Alabama 36602



BOWEN, MICLETTE & BRITT OF FLORIDA, LLC

1715 N. Westshore Blvd. Suite 920
Tampa, FL 33607

May 15, 2018

**RE: CrowderGulf Joint Venture, Inc
Status of Bondability**

To Whom It May Concern:

Bowen, Miclette & Britt of Florida is proud to represent CrowderGulf Joint Venture, Inc. We consider them to be a premier contractor in their field and we do not hesitate to recommend them for your project needs.

Travelers Casualty and Surety Company of America has an A.M. Best rating of "A++, XV" and provides a bonding program to CrowderGulf Joint Venture, Inc. with single bond limits up to \$250,000,000 and an aggregate program of \$500,000,000. These limits are not to be construed as maximums but are established to handle the daily needs of our client.

As always, Travelers Casualty and Surety Company of America reserves the right to perform standard underwriting at the time of any bond request. This includes, but will not be limited to, the acceptability of the contract documents, bond forms and project financing. We assume no liability for any reason if we do not execute the bonds as requested. This letter is not an assumption of liability, nor should it be considered a bid, payment or performance bond. If you should have any questions, please do not hesitate to contact us.

Sincerely,

Bowen, Miclette & Britt of Florida, LLC

A handwritten signature in blue ink, appearing to read 'James C. Congelio'.

James C. Congelio

CrowderGulf

Disaster Recovery and Debris Management

5435 Business Parkway
Theodore, Alabama 36582

Office: (800) 992-6207
Fax: (251) 451-7433

EQUAL EMPLOYMENT OPPORTUNITY

AFFIRMATIVE ACTION PROGRAM

This company is an equal employment opportunity employer. It is the policy of this company to assure that applicants are employed, and that applicants are treated during employment, without regard to their race, religion, sex, color, national origin, age, disability, veteran status, military obligations, genetic information or any other characteristics protected by law. Such action shall include: employment, upgrading, demotion, transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job-training.

1. Publication and dissemination of this company's written policy of equal employment opportunity.
 - A. Each employee is informed that we are an equal opportunity employer and where our policy is posted.
 - B. Our policy is reviewed annually, or more frequently if required by contract, with all supervisory personnel.
2. Appointment of Equal Employment Officer charged with the responsibility of securing compliance and advising corporate Officials of progress.

Equal Employment Officer: Mary G. White
Office #: 251-478-6848
Email: hr@crowdergulf.com
3. Notification of all recruitment sources that the company, as an equal opportunity employer, solicits referral of qualified applicants without regard to race, religion, sex, color, national origin, age, disability, veteran status, military obligations, genetic information or any other characteristics protected by law.
4. The upgrading and promotion of employees shall be made based on qualifications and ability without regard to race, religion, sex, color, national origin, age, disability, veteran status, military obligations, genetic information or any other characteristics protected by law.
5. We request from all employees, especially minorities and females, that they refer any qualified friends or relatives to us for employment.
6. All company facilities and activities shall be non-segregated.
7. All Advertisements for employment shall contain the statement, "We are an Equal Opportunity Employer".
8. We continuously monitor, control, evaluate, and obtain feedback in regard to the application of our Equal Employment Opportunity policy at all levels.
9. All personnel activities shall be monitored to ensure that this Equal Employment Opportunity policy is being carried out.
10. CrowderGulf complies with all federal and state laws and regulations regarding Equal Employment Opportunity.
11. In succession to the previous EEO Officer, effective Mary G. White was appointed EEO Officer for the company effective 8/15/2011. Any person who believes he or she has been discriminated against should direct their complaint to Mary G. White.

John Ramsay
President & CEO



Confidential Dun & Bradstreet Report



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Selected Company: CROWDERGULF, LLC
D-U-N-S #: 19-568-6477

Overview

Business Summary

Company Name:	CROWDERGULF, LLC
D-U-N-S #:	19-568-6477
DBA's:	N/A
Address:	5435 Business Pkwy
City:	Theodore
State:	AL
Zip:	36582
Phone:	2514597430
Principal:	JOHN RAMSAY
Year Started:	2005
Employs:	45 which includes partners.
SIC Code(s):	83220307 Temporary relief service 49599901 Beach maintenance cleaning 87410000 Management services 17990503 Construction site cleanup 17950000 Wrecking and demolition work
NAICS Code(s):	238910 Site Preparation Contractors 238990 All Other Specialty Trade Contractors 561110 Office Administrative Services 562910 Remediation Services 562998 All Other Miscellaneous Waste Management Services 624230 Emergency and Other Relief Services
Legal Structure:	N/A

Special Events

There have been no special events reported to D&B for this company.

History and Operations

Officers and Directors

Current Officers

Name	Title
JOHN RAMSAY	PTNR

Current Directors

Name

JOHN RAMSAY

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Company History

Contractor specializing in construction site cleanup (100%). Provides management services. Provides sanitary services, specializing in toxic or hazardous waste cleanup. Contractor of wrecking or demolition work. Provides individual or family social services, specialized in temporary relief services.

Terms are on contractual basis. Has 24 account(s). Sells to government organizations. Territory : United States.

Operations**Employees**

45 which includes partners.

Facilities

Rents 24,000 sq. ft. in a one story brick building.

Location

Industrial section on main highway.

U.S. Branch

There are currently no U.S. branches listed in this company report.

U.S. Subsidiary

There are currently no U.S. subsidiaries listed in this company report.

International Branch

There are currently no international branches listed in this company report.

International Subsidiary

There are currently no international subsidiaries listed in this company report.

Payments**Payment Summary**

	Total Receivables	Total Dollar Amount	Percent High Credit (Payment summary)	Works Forms	Days Slow			
					<31	31-60	61-90	91+
Top Industries								
Misc equipment rental	3	\$48,500	\$40,000	100%	0	0	0	0
Radiotelephone commun	3	\$3,750	\$2,500	93%	7	0	0	0
Telephone communicatns	3	\$1,500	\$1,000	100%	0	0	0	0
Business consulting	1	\$20,000	\$20,000	100%	0	0	0	0
Granite mining	1	\$15,000	\$15,000	100%	0	0	0	0
Trucking non-local	1	\$7,500	\$7,500	100%	0	0	0	0
Security broker/deal	1	\$750	\$750	100%	0	0	0	0

Company Update - Dun & Bradstreet

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	Total Received	Total Dollar Amount	Largest High Credit Payment summary	Within Terms	Days Slow			
					<31	31-60	61-90	91+
Whol industrial suppl	1	\$250	\$250	100%	0	0	0	0
Investment advice	1	\$50	\$50	100%	0	0	0	0
Other Categories								
Cash experiences	22	\$4,150	\$750					
Unknown	0	\$0	\$0					
Unfavorable comments	0	\$0	\$0					
Placed for collections with D&B:	0	\$0	\$0					
Other	0	N/A	\$0					
Total in D&B's file	37	\$101,450	\$40,000					

The highest Now Owes on file is \$2,500

The highest Past Due on file is \$0

There are 37 payment experience(s) in D&B's file for the most recent 24 months, with 18 experience(s) reported during the last three month period.

Payment Details

Total (Last 24 Months): 37

Date	Paying Record	High Credit	Now Owes	Past Due	Selling Terms	Last sale w/f (Mo.)
03/2018	Ppt	\$20,000	\$0	\$0		1 mo
03/2018	Ppt	\$7,500	\$0	\$0	N30	4-5 mos
03/2018	Ppt	\$2,500	\$2,500	\$0		1 mo
03/2018	Ppt	\$1,000	\$0	\$0		6-12 mos
03/2018	Ppt	\$1,000	\$0	\$0	N30	2-3 mos
03/2018	Ppt	\$750	\$750	\$0	N30	1 mo
03/2018	Ppt	\$250	\$100	\$0		1 mo
03/2018	Ppt	\$50	\$50	\$0		1 mo
03/2018	Slow 15	\$250	\$0	\$0		1 mo
03/2018	(010)	\$750	\$0	\$0	Cash account	2-3 mos
03/2018	(011)	\$100	\$0	\$0	Cash account	2-3 mos
03/2018	(012)	\$50	\$0	\$0	Cash account	1 mo
02/2018	Ppt	\$40,000	\$0	\$0		1 mo
02/2018	Ppt	\$1,000	\$750	\$0		1 mo
02/2018	Ppt	\$250	\$0	\$0		1 mo
02/2018	Ppt	\$250	\$0	\$0		4-5 mos
02/2018	(017)	\$100	—	—	Cash account	1 mo

Company Update - Dun & Bradstreet

Date	Paying Record	High Credit	Now Owes	Past Due	Selling Terms	Last sale w/ (Mo.)
02/2018	(018)	\$50	--	--	Cash account	1 mo
12/2017	(019)	\$0	--	--		1 mo
12/2017	(020)	\$50	--	--	Cash account	1 mo
12/2017	(021)	\$50	--	--	Cash account	6-12 mos
10/2017	(022)	\$50	--	--	Cash account	1 mo
09/2017	Ppt	\$7,500	\$2,500	\$0		1 mo
09/2017	(024)	\$50	--	--	Cash account	6-12 mos
08/2017	Ppt	\$15,000	\$0	\$0	N30	6-12 mos
08/2017	(026)	\$500	--	--	Cash account	1 mo
08/2017	(027)	\$100	--	--	Cash account	1 mo
04/2017	(028)	\$100	--	--	Cash account	1 mo
04/2017	(029)	\$100	--	--	Cash account	1 mo
04/2017	(030)	\$50	--	--	Cash account	1 mo
03/2017	(031)	\$50	--	--	Cash account	1 mo
10/2016	(032)	\$750	\$750	--	Cash account	1 mo
10/2016	(033)	\$500	--	--	Cash account	1 mo
10/2016	(034)	\$100	\$100	--	Cash account	1 mo
09/2016	(035)	\$100	--	--	Cash account	1 mo
05/2016	(036)	\$500	\$500	--	Cash account	
05/2016	(037)	\$50	--	--	Cash account	6-12 mos

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Payments Detail Key:  30 or more days beyond terms

Accounts are sometimes placed for collection even though the existence or amount of the debt is disputed.

Payment experiences reflect how bills are met in relation to the terms granted. In some instances payment beyond terms can be the result of disputes over merchandise, skipped invoices etc.

Each experience shown is from a separate supplier. Updated trade experiences replace those previously reported.

Finances

Key Financial Comparisons

	(S)	(S)	(S)
This Company's Operating Results Year Over Year			
Net Sales	NA	NA	NA
Gross Profit	NA	NA	NA
Net Profit	NA	NA	NA
Dividends / Withdrawals	NA	NA	NA
Working Capital	NA	NA	NA
This Company's Assets Year Over Year			
Cash	NA	NA	NA
Accounts Receivable	NA	NA	NA

Company Update - Dun & Bradstreet

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Notes Receivable	NA	NA	NA
Inventories	NA	NA	NA
Other Current	NA	NA	NA
Total Current	NA	NA	NA
Fixed Assets	NA	NA	NA
Other Non Current	NA	NA	NA
Total Assets	NA	NA	NA

This Company's Liabilities Year Over Year

Accounts Payable	NA	NA	NA
Bank Loan	NA	NA	NA
Notes Payable	NA	NA	NA
Other Current	NA	NA	NA
Total Current	NA	NA	NA
Long Term Debt	NA	NA	NA
Deferred Credit	NA	NA	NA
Net Worth	NA	NA	NA
Total Liabilities And Net Worth	NA	NA	NA

Balance Sheet

Fiscal Consolidated Statement Dated

We currently do not have any recent financial statement on file for this business.

Key Business Ratios

(Industry Median is based on this number of firms:)

	This Company	Industry Median	Industry Quartile
Solvency			
Quick Ratio	NA	NA	NA
Current Ratio	NA	NA	NA
Current Liabilities to Net Worth	NA	NA	NA
Current Liabilities to Inventory	NA	NA	NA
Total Current	NA	NA	NA
Fixed Assets to Net Worth	NA	NA	NA
Efficiency			

Collection Period	NA	NA	NA
Inventory Turn Over	NA	NA	NA
Sales to NWC	NA	NA	NA
Acct Pay to Sales	NA	NA	NA
Profitability			
Return on Sales	NA	NA	NA
Return on Assets	NA	NA	NA
Return on NetWorth	NA	NA	NA

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Public Filings

Summary

This following public filing data includes both open and closed filings found in D&B's database on this company. It is for informational purposes only and is not the official record. Certified copies can be obtained from the official source.

Record Type	# of Records	Most Recent Filing Date
Liens	1	06/30/0013
UCC Filing	12	12/15/0017
Government History	1	N/A

Details

Judgments

No judgments have been reported to D&B on this company.

Liens

A lien holder can file the same lien in more than one filing. The appearance of multiple liens filed by the same lien holder against a debtor may be indicative of such an occurrence.

Amount:

Status: Open
Case Number: 13-0305615
Type State: State Tax
Filed By: STATE OF ALABAMA
Against: CROWDERGULF LLC
Where Filed: SECRETARY OF STATE/UCC DIVISION,
MONTGOMERY, AL
Date Status Attained: Apr 26, 2018
Date Filed: 06/26/13
Latest Info Received: 06/30/13

Suits

No suits have been reported to D&B on this company.

UCC Filings

Collateral: Equipment and proceeds
Type: Original
Secured Party: THOMPSON TRACTOR CO., INC., BIRMINGHAM, AL
Debtor: CROWDERGULF, LLC
Filing Number: 14-7566421
Filed With:
Date Filed: 07/21/14
Latest Info Received: 09/09/14
Original Filing Number:
Original UCC Filed Date:

Collateral: Business machinery/equipment and proceeds
Type: Original
Secured Party: U.S. BANK EQUIPMENT FINANCE, A DIVISION OF
 U.S. BANK NATIONAL AS, MARSHALL, MN
Debtor: CROWDERGULF, LLC
Filing Number: 12-7319538
Filed With:
Date Filed: 11/26/12
Latest Info Received: 01/03/13
Original Filing Number:
Original UCC Filed Date:

Collateral: Equipment and proceeds
Type: Original
Secured Party: FABCO EQUIPMENT, MADISON, WI
Debtor: CROWDER GULF
Filing Number: 2010155030-2
Filed With:
Date Filed: 11/22/10
Latest Info Received: 02/25/11
Original Filing Number:
Original UCC Filed Date:

Collateral: Equipment and proceeds
Type: Original
Secured Party: FABCO EQUIPMENT, MADISON, WI
Debtor: CROWDER GULF
Filing Number: 2010126129-6
Filed With:
Date Filed: 09/20/10
Latest Info Received: 10/22/10
Original Filing Number:
Original UCC Filed Date:

Collateral: Equipment and proceeds
Type: Original

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Secured Party:	FABCO EQUIPMENT, MADISON, WI
Debtor:	CROWDER GULF
Filing Number:	201009974-3
Filed With:	
Date Filed:	07/22/10
Latest Info Received:	08/25/10
Original Filing Number:	
Original UCC Filed Date:	
Collateral:	Equipment
Type:	Original
Secured Party:	BEARD EQUIPMENT COMPANY, MOBILE, AL
Debtor:	CROWDER-GULF JOINT VENTURE, LLP
Filing Number:	11-7008905
Filed With:	
Date Filed:	01/19/11
Latest Info Received:	02/11/11
Original Filing Number:	
Original UCC Filed Date:	
Collateral:	Equipment
Type:	Original
Secured Party:	BEARD EQUIPMENT COMPANY, MOBILE, AL
Debtor:	CROWDER-GULF JOINT VENTURE, LLP
Filing Number:	11-7008889
Filed With:	
Date Filed:	01/19/11
Latest Info Received:	02/11/11
Original Filing Number:	
Original UCC Filed Date:	
Collateral:	Equipment
Type:	Original
Secured Party:	BEARD EQUIPMENT COMPANY, MOBILE, AL
Debtor:	CROWDER-GULF JOINT VENTURE, LLP
Filing Number:	11-7008843
Filed With:	
Date Filed:	01/19/11
Latest Info Received:	02/11/11
Original Filing Number:	
Original UCC Filed Date:	
Collateral:	Unspecified
Type:	Original
Secured Party:	REGIONS BANK, MOBILE, AL
Debtor:	CROWDER GULF JOINT VENTURE LLP
Filing Number:	07-0879714
Filed With:	
Date Filed:	10/22/07
Latest Info Received:	11/26/07
Original Filing Number:	
Original UCC Filed Date:	

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Collateral:

Type: Continuation
Secured Party: REGIONS BANK, MOBILE, AL
Debtor: CROWDER GULF JOINT VENTURE LLP
Filing Number: 07-0879714
Filed With:
Date Filed: 04/26/12
Latest Info Received: 04/29/12
Original Filing Number: 07-0879714
Original UCC Filed Date: 10/22/07

Collateral:

Type: Continuation
Secured Party: REGIONS BANK, MOBILE, AL
Debtor: CROWDER GULF JOINT VENTURE LLP
Filing Number: 07-0879714
Filed With:
Date Filed: 04/26/17
Latest Info Received: 04/30/17
Original Filing Number: 07-0879714
Original UCC Filed Date: 10/22/07

Collateral:

Type: Amendment
Secured Party: REGIONS BANK, MOBILE, AL
Debtor: CROWDER GULF JOINT VENTURE LLP
Filing Number: 07-0879714
Filed With:
Date Filed: 10/26/17
Latest Info Received: 12/15/17
Original Filing Number: 07-0879714
Original UCC Filed Date: 10/22/07

Bankruptcy

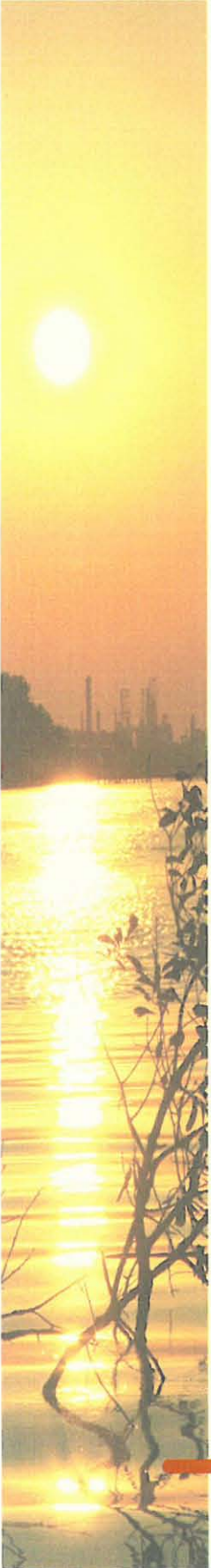
No bankruptcies have been reported to D&B on this company.

Government Risk

Borrower(Dir/Guar): NO
Administrative Debt: NO
Contractor: YES
Grantee: NO
Party excluded from federal program(s): NO
Labor Surplus Area: YES (2018)
Small Business: YES (2018)
8(A) Firm: N/A



D - REFERENCES



TAB D - REFERENCES

1. **Client:** City of Ocala, FL **POP: 59,110 / Marion Co**
Address: 1805 NE 30th Avenue, Building 300, Ocala, FL 34470
Contact: **Darren Park**, Public Works Director, 352-351-6733 ofc, 352-414-8622 cell, dpark@ocalafl.org
Ken Whitehead, Assistant City Manager, 352-401-3974 Ofc, 352-857-1223 cell, kwhitehead@ocalafl.org
Project Title: **2017 Hurricane Irma (09/18/2017 – 02/26/2018)**
 - Push Operations, removed & disposed: vegetation, mulch, leaners/hangers (3,713 trees)
 - Reduced by grinding (2 sites)**2004 Hurricanes Charles, Frances (8/2004-3/2005)**
 - Emergency Push; Removed & Disposed: vegetation, C&D, stumps (8,634)
 - Reduced by grinding

Contract Value:	CY Recovered & Reduced:
Irma \$1,838,623	179,521
Charley/Frances \$59,955,312	2,151,802 CY

2. **Client:** St. Petersburg, FL **POP: 263,255 / Pinellas Co**
Address: 400 Dr MLK Street, St. Petersburg, FL and 1400 19th Street, St. Petersburg, FL 33713
Contact: **Michael Vineyard**, Park Operational Manager 1400 19 St. North St. Petersburg, FL 33713 727-892-5233
michael.vineyard@stpete.org
Michael Jeffries, Director of Parks and Rec, 727-892-5863, michael.jeffries@st.pete.org
Project Title: **2017 Hurricane Irma (9/16/2017-12/09/2017)**
 - Removed & disposed of vegetation and mulch, reduction by grinding (1 site)

Contract Value:	CY Recovered & Reduced:
Irma \$2,183,503	242,518

3. **Client:** Ormond Beach, FL **POP: 42,816 / Volusia Co**
Address: 501 N. Orchard Street Ormond Beach, FL 32174
Contact: **Kevin Gray**, Public Works Environmental Systems Operations Manager, 386-676-3577 ofc, 386-316-7725 cell, Kevin.Gray@ormondbeach.org
Project Title: **2017 Hurricane Irma (9/16/2017-10/26/2017)**
 - Removed & disposed of vegetation, mulch, and leaners/hangers (3,679 trees)
 - Reduction by grinding (1 site)**2016 Hurricane Matthew (10/11/2016-12/31/2016)**
 - Removed & Disposed: vegetation, C&D, Leaners & hanger, Mulch, Grinding Operations – 1 site
 - Monitored by Thompson - ADMS

Contract Value:	CY Recovered & Reduced:
Irma \$1,820,053	130,212
Matthew \$3,660,393	514,691

4. **Client:** Aransas County, TX **POP: 25,721**
Address: 301 N. Live Oak Street, Rockport, TX 78382
Contact: **Rick McLester**, Emergency Management Coordinator, 361-790-0100, mclester@aransascounty.org
2017 Hurricane Harvey (9/5/2017 – 06/05/2018)
 - Removed & disposed of vegetation, C&D, C&D compacted, mulch, leaners/hangers (14,938 trees), white goods (6,039) and HHW (22,760 lbs)
 - Reduction by grinding (3 - sites)

Contract Value:	CY Recovered & Reduced:
Harvey \$33,521,254	3,242,505

5. **Client:** Lee County, FL **POP: 739,224**
Address: 10500 Buckingham Rd, Fort Myers, FL 33905
Contact: **Jason Fournier**, Public Utilities Mgr Cell: 239-229-5733, Ofc: 239-533-8000 jfournier@leegov.com
Jim Bjostad, Public Safety Em. Manager, Cell: 239-476-2147, Ofc: 239-533-0617, bjostad@leegov.com
Old Contact - Mr. Lindsey Sampson, Solid Waste Director, 239-533-8000, LSampson@leegov.com
Project Title: **2017 Hurricane Irma** (9/19/2017 – 01/14/2018)
 - Removed & Disposed: vegetation, C&D, Mulch, leaner/hangers (68,195 trees)
 - Reduced by grinding (13 sites)**2005 Hurricane Wilma** (10/2005-12/2005)
 - Removed & Disposed: vegetation, C&D, stumps (114)
 - Reduced by grinding
 - Special Projects: *Debris Removal, Division of Natural Resources*, (05/06-06/06) removed waterway debris**2004 Hurricane Jeanne** (8/2004-12/2004)
2004 Hurricane Charley
 - Removed & Disposed: vegetation, C&D, stumps
 - Reduced by grinding & burning

<u>Contract Value:</u>	<u>CY Recovered & Reduced:</u>
Irma \$26,000,276	2,024,742
Wilma \$7,995,412	451,948
Jeanne/Charley \$14,000,000	902,555

6. **Client:** Town of Hilton Head Island, SC **Population: 40,055 / Beaufort County**
Address: One Town Center Court Hilton Head Island, SC 29928
Contact: **Scott Liggett, Engineer**, (843)384-8675 email: scottl@hiltonheadislandsc.gov
Jennifer Lyle, Assistant Town Engineer, 843-384-2629, jenniferL@hiltonheadislandsc.gov
Project Title: **2016 Hurricane Matthew** (10/2016-04/2017)
 - Emergency PUSH
 - Removed & Disposed: ROW, SCDOT Roads, Private Roads, Public Use Areas
 - Removed & Disposed vegetation, C&D, leaners & hangers, mulch
 - Reduced at 2 sites by grinding

<u>Contract Value:</u>	<u>CY Recovered & Reduced:</u>
Matthew \$37,124,940	3,012,487 CY

7. **Client:** South Carolina Department of Transportation, SC
Address: 955 Park St, Room 324, Columbia, SC 29201
Contact: **David Cook**, SCDOT Maintenance Deputy Director, 803-737-1268, cookdb@scdot.org
Project Title: **2016 Hurricane Matthew** (10/8/16-1/13/2017)
 - Removed & Disposed: vegetation, Leaners, Hangers & Stumps
 - 6 DMS facilities managed, Reduced by grinding
 - Counties of Darlington, Florence, Sumter**2015 Storms / Flooding** (10/2015-11/2015)
 - Removed & Disposed: C&D, white goods (278), e-waste (484 + 13,580 Lbs), HHW (28,000 Lbs)
 - Counties: Lexington, Richland
 - Monitored by Thompson**1990 Hurricane Hugo**
 - Removed & Disposed: vegetation, C&D
 - Reduced by grinding
 - Counties of Kershaw, Lancaster & Manning; Cities of Florence, Manning & Charleston

<u>Contract Value:</u>	<u>CY Recovered & Reduced:</u>
Matthew \$8,187,338	492,455
Storms \$ 720,217	33,163
Hugo \$5,200,000	90,000

E - PROPOSAL MATRIX / PROJECT APPROACH



TAB E - PROPOSAL MATRIX / PROJECT APPROACH

Debris Management and Response - Principles of Project Management

Standards

CrowderGulf conducts all debris operations to meet or exceed all regulations and program standards of FEMA Public Assistance Program and Policy Guide (incorporating FEMA Public Assistance Program and Policy Guide), the Occupational Safety and Health Administration, the Environmental Protection Agency, and all other local, state and federal agencies.

Responsiveness

CrowderGulf will be in contact with the County's Debris Manager at least 48 hours prior to a hurricane making landfall or immediately upon the occurrence of any debris generating event within Franklin County. Within 12 hours of receiving a NTP, CrowderGulf will have our Management team report to the County representative for operations planning and mobilization of personnel and equipment. Mobilization for PUSH operations will begin within 12-24 hours of NTP and we will be fully operational and hauling debris within 48 hours of initial NTP. In addition, we will have a DMS fully operational for reduction and disposal of debris within 72 hours of the NTP. CrowderGulf will maintain full debris hauling operational capacity seven days a week during daylight hours until completion of the project to the satisfaction of Franklin County. The DMS may, if required to meet the needs of the County, operate 24 hours per day.

Reimbursement Assistance

CrowderGulf's debris management staff consists of previous FEMA Regional Directors and Deputy Directors, County and County Emergency Management Directors and emergency operations personnel with over 20± years of experience in working State and Federal Disaster Declarations. CrowderGulf is prepared to share its knowledge and experience concerning reimbursement matters with County personnel in order to obtain maximum reimbursement by utilizing accurate record keeping and exacting quality control measures. Specifically, CrowderGulf will assist with:

- Estimating debris volumes for initial damage assessment
- Developing Project Worksheets/Damage Survey Reports
- Identifying eligible and ineligible reimbursements
- Documenting every element of the recovery process and reviewing all records to assure that they meet federal and state reimbursement guidelines
- Orientating and training Franklin County personnel on requirements for quality and quantity of required documentation
- Closeout and final audit
- Hazard Mitigation Planning efforts
- FEMA Disaster Assistance policy changes

Corporate Support On-Site Operations

Daily operational decisions and daily communications with Franklin County will be facilitated by the CrowderGulf on-site Management team. If needed, one or more field offices will be set up immediately upon NTP. Local citizens will be employed and trained to work in the field office under experienced CrowderGulf management supervision. Local employees are always an asset to the response and recovery operation. Their knowledge of the area and its people is invaluable to CrowderGulf's overall operations. The Team will be fully reinforced at all levels by logistical support, records management/storage, report development and other operations at CrowderGulf's main office in Theodore, Alabama.

On-Site Project Management

CrowderGulf employs National Incident Management Systems (NIMS) principles in our command structure, planning, operations, logistics and administration. This will not only facilitate an easy interface with the County's Emergency Operations Center, but also ensures maximum quality control by limiting the span of supervision for individual field managers. Each of these key roles identified below is critical to an effective CrowderGulf emergency debris response and must possess a high degree of professional experience, skill, and leadership ability.

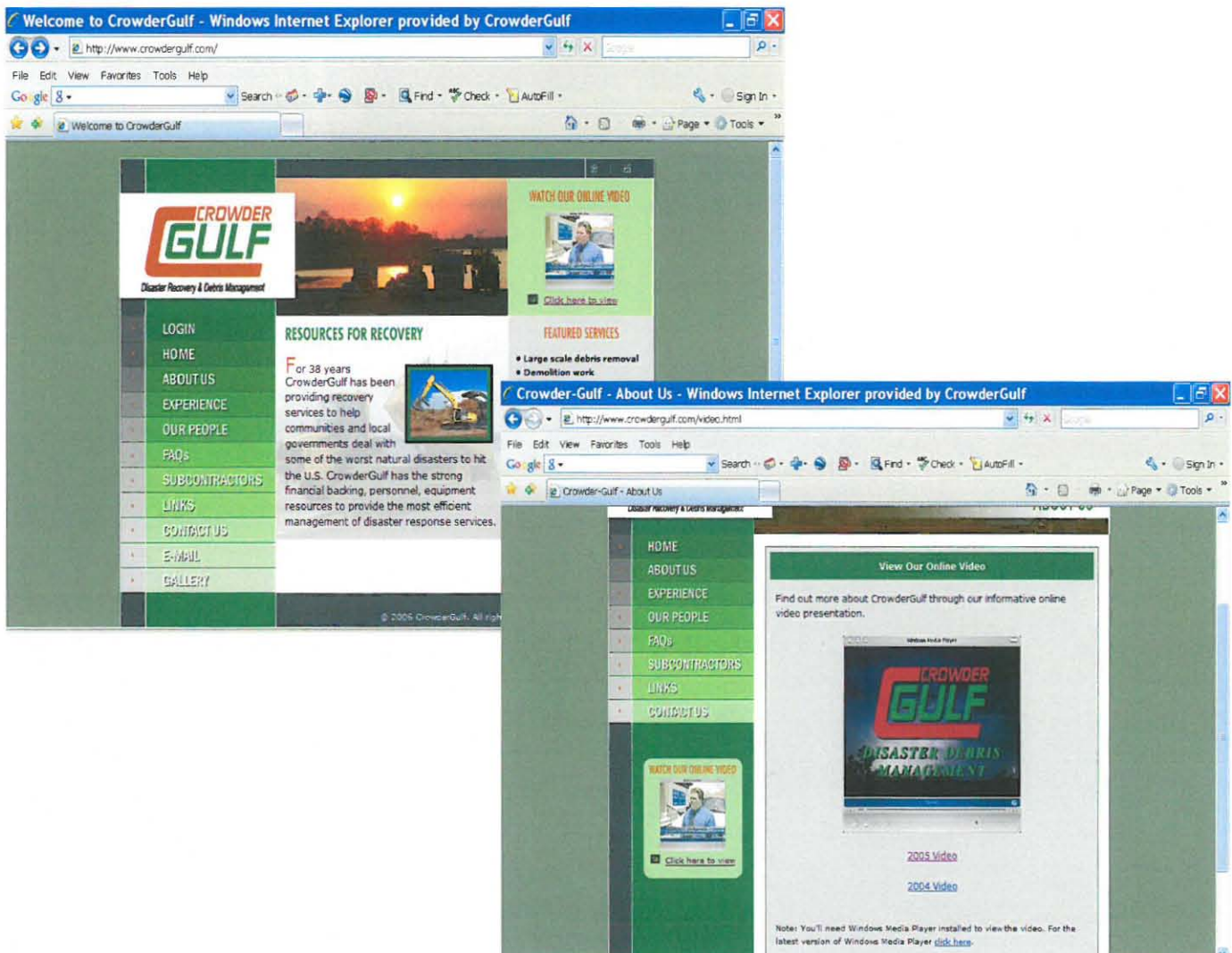
Pre-Planning - Readiness Planning and Training

On at least an annual basis, CrowderGulf specialists will provide training and pre-planning sessions. In addition, our Debris Reduction specialists will be available to review and advise on potential Debris Management Sites. Preparedness training will be tailored to Franklin County needs and requests.

Audio/Visual Presentations

CrowderGulf has the capability to generate audio and video presentations to help the County communicate necessary information to the public or to document the overall operation as a whole. One of our first tasks is to video all of the existing conditions. This is typically done during the initial damage assessment. Please visit our website to see some of our previous video documents.

Please view our Website @ www.crowdergulf.com for more information and watch our Videos Online.



Debris Operations Plan

The CrowderGulf **Debris Operations Plan** establishes an early appraisal of disaster damage, moves trained and well-equipped crews into affected areas in the shortest time possible and follows a disaster-specific work plan. This ensures that our personnel and equipment will be mobilized and in place to remove and reduce debris in the most efficient and effective manner and with the least possible impact to citizens.

The amount of damage that occurs during a natural disaster and the effort required to restore the affected areas varies with each situation. CrowderGulf's comprehensive **Debris Operations Plan** is a **flexible strategy that integrates Critical Operations and Essential Support Functions** to insure the most efficient and cost effective debris management for Franklin County. These Operations and Functions are identified below and fully defined in the following sections. Each is integral to a comprehensive debris management effort.

Critical Operations

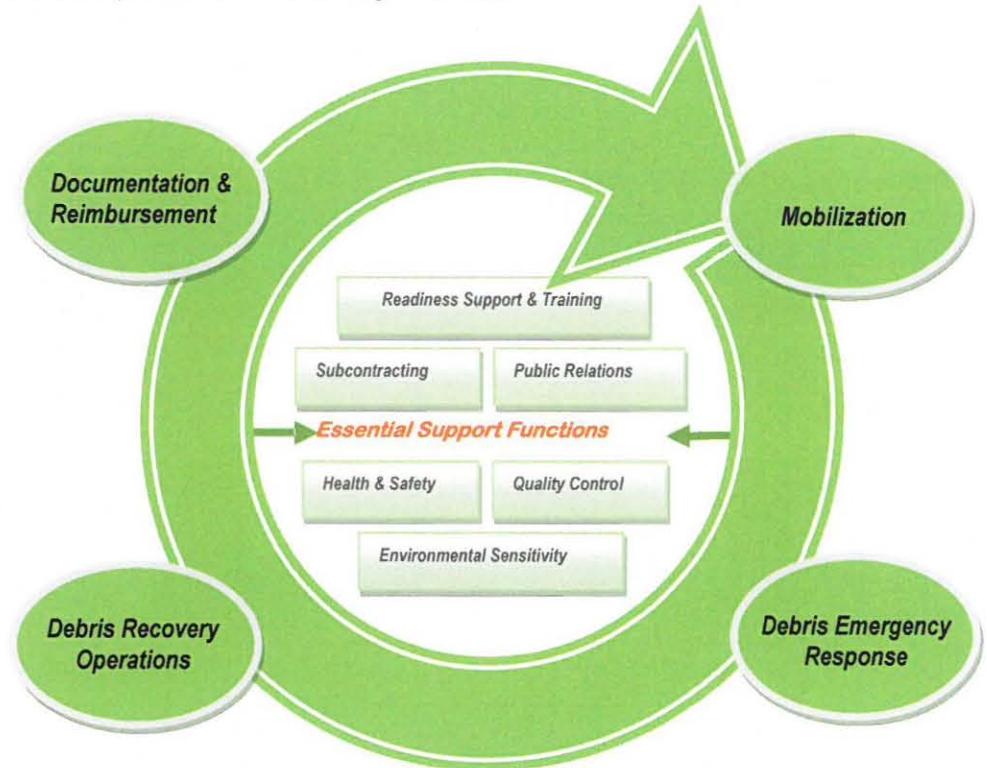
(action items that are set in motion by an event)

- Mobilization
- Debris Emergency Response
- Debris Recovery Operations
- Documentation and Reimbursement

Essential Support Functions

(support functions for Critical Operations)

- Readiness Support and Training
- Subcontracting
- Quality Control
- Health and Safety
- Environmental Sensitivity
- Public Relations



The **Debris Operations Plan** was developed with only one objective – **to assist Clients that have suffered the effects of a disaster return to normal as quickly, as efficiently and as inexpensively as possible**. The Plan's components have been the cornerstone of all of CrowderGulf's disaster relief efforts for the past 49 years. When an event is likely to occur, all stakeholders are put on alert and resources are marshaled. Immediately after the event occurs, Mobilization of personnel and equipment resources begins in anticipation of the initial Debris Emergency Response or "PUSH" period. As additional resources flow to the impacted areas, Debris Recovery Operations – the most demanding phase – is initiated. This is the phase in which CrowderGulf delivers what it has promised and makes certain that debris is removed and reduced as quickly and as efficiently as possible. Throughout the operation, the Documentation of all work must be completely and accurately documented in order for Reimbursement to occur.

The four Critical Operations described here - **Mobilization, Debris Emergency Response, Debris Recovery Operations and Documentation and Reimbursement** - form the central core of the CrowderGulf Debris Operations plan. These elements are supported and enabled by six Essential Support Functions. Although not as visible during the debris management process, each support function - **Readiness Support and Training, Subcontracting, Quality Control, Health and Safety, Environmental Sensitivity, and Public Relations**, - is fundamentally important to CrowderGulf being able to provide a successful debris management effort. All of these elements are discussed briefly in the following sections.

CRITICAL OPERATIONS

➤ Mobilization

Alert and Team Notifications

If there is advanced notice (i.e., a hurricane), this phase will commence as soon as a disaster appears to be a credible threat to Franklin County. The CrowderGulf call-down list will be checked to verify accuracy. Field Project Managers and Field Supervisors will be advised to check e-mail and voice mail at least twice a day, and additional communication devices and cell phones may be distributed to key personnel.



The CrowderGulf Director of Operations will assess the information received from the National Weather Service and in consultation with Franklin County's Debris Manager will determine the necessity for a full notification action. If it is determined that notification is needed, he will direct activation of the CrowderGulf Calling Plan with stand-by instructions for individual contractors/subcontractors to be notified. Specific individuals will be called and, in turn, they will call additional CrowderGulf employees in a rapid cascading manner. This list of calling assignments is kept current with no less than two exercises per year if not exercised for a legitimate activation preparation.

Preparation

Based on the high probability of a known event, the Director of Operations (DO) will direct initial preparation of manpower and equipment. He will inform all responding personnel as to situation status, departure, tasking and assets to mobilize. The Director of Operations will manage the commencement of mobilization, the tasking of the support units, and the dispatch of managers, crews and equipment.



Mobilization of Resources

CrowderGulf shall contact the County's Debris Manager a minimum of 48 hours prior to a hurricane event or immediately upon the occurrence of a major disaster or debris generating event in which there is no advance warning.

Mobilization will take place immediately upon receipt of a NTP and in accordance with requirements as defined by the County's Debris Manager. Within eight hours of receiving the NTP, CrowderGulf management team will be working on site with the County and its Debris Manager to begin planning the required mobilization and operations for debris removal. Debris removal from streets and roads ("PUSH") shall begin within 12 hours of receipt of the NTP and reduction and disposal operations shall be in full operation within 48-72 hours.

The severity of the disaster will determine how many employees and/or subcontractors will be assigned to a specific disaster event. Depending on the scope of the disaster, CrowderGulf will use a combination of company crews and subcontractors to perform work. We will begin with CrowderGulf personnel and proceed to add additional manpower and subcontractors until we have a sufficient workforce in place to effectively manage and handle the disaster recovery effort. Specific management personnel that will be assigned to this contract are provided in later sections of this proposal.



Staffing the Emergency Operations Center

CrowderGulf will commit a senior employee to be stationed in the County's Emergency Operations Center to coordinate plans for debris operations, communications and scheduling with the County's Emergency Management personnel. If requested by the County, this senior management representative will be on site in the Emergency Operations Center prior to storm landfall.

Staging of Resources

When a disaster is imminent, we will review the need for staging equipment within 100-150 miles from the potential area of impact. Local equipment and resources will be secured in safe locations and readied for mobilization. As soon as the storm passes the area and a Task Order (TO) issued, equipment and manpower will be staged at a convenient location near the truck certification area for the County.

Very early in the mobilization process, CrowderGulf will obtain a large hard surfaced parking area which will be used as a staging area to begin truck and equipment certification and safety inspections. These important steps must take place in advance of moving debris on a unit price payment basis.

The staging area becomes the initial reporting location for all subcontractors. Subcontractors employed under pre-event subcontracts, subcontractors and individuals seeking work, and potential suppliers and vendors, will be directed to this central point. If necessary, we will position a Mobile Emergency Response Command Center Unit at this location to facilitate operations. Additionally, if temporary fueling and shelter facilities are required, they will be positioned at this location, if possible.

Communications/Mobile Command Center

Should disaster conditions warrant the need, CrowderGulf may establish a self-sufficient Mobile Command Center, with full **communications capability**, in the disaster area and dedicate it solely to the recovery effort. If needed or requested, our Command Center will be provided to the County to serve in the field as its command unit.

The Command Center, or field office/s, will be set up within 24-48 hours after activation. Local citizens will be employed and trained to work in the field office under experienced CrowderGulf management supervision. Local employees are always an asset to the response and recovery operation. Their knowledge of the area and its people is invaluable to CrowderGulf's overall operations.

Each Command Center has two gas powered generators that supply power for the following:

- Multiple work stations with LCD computer/TV monitors, with copier/fax/scanner capability
- A conference room with a large table and a 42" plasma monitor/TV
- Two satellite TV receivers
- VSAT for broadband internet and VoIP lines



CrowderGulf's management team, all supervisory personnel, and crew foremen will use company radios, digital radio/telephones, and/or cellular phones. All drivers and subcontractor supervisory personnel will be required to have radios and/or telephones in their vehicles. **Upon request, we will furnish key County personnel with our system radios.**

Operational Support

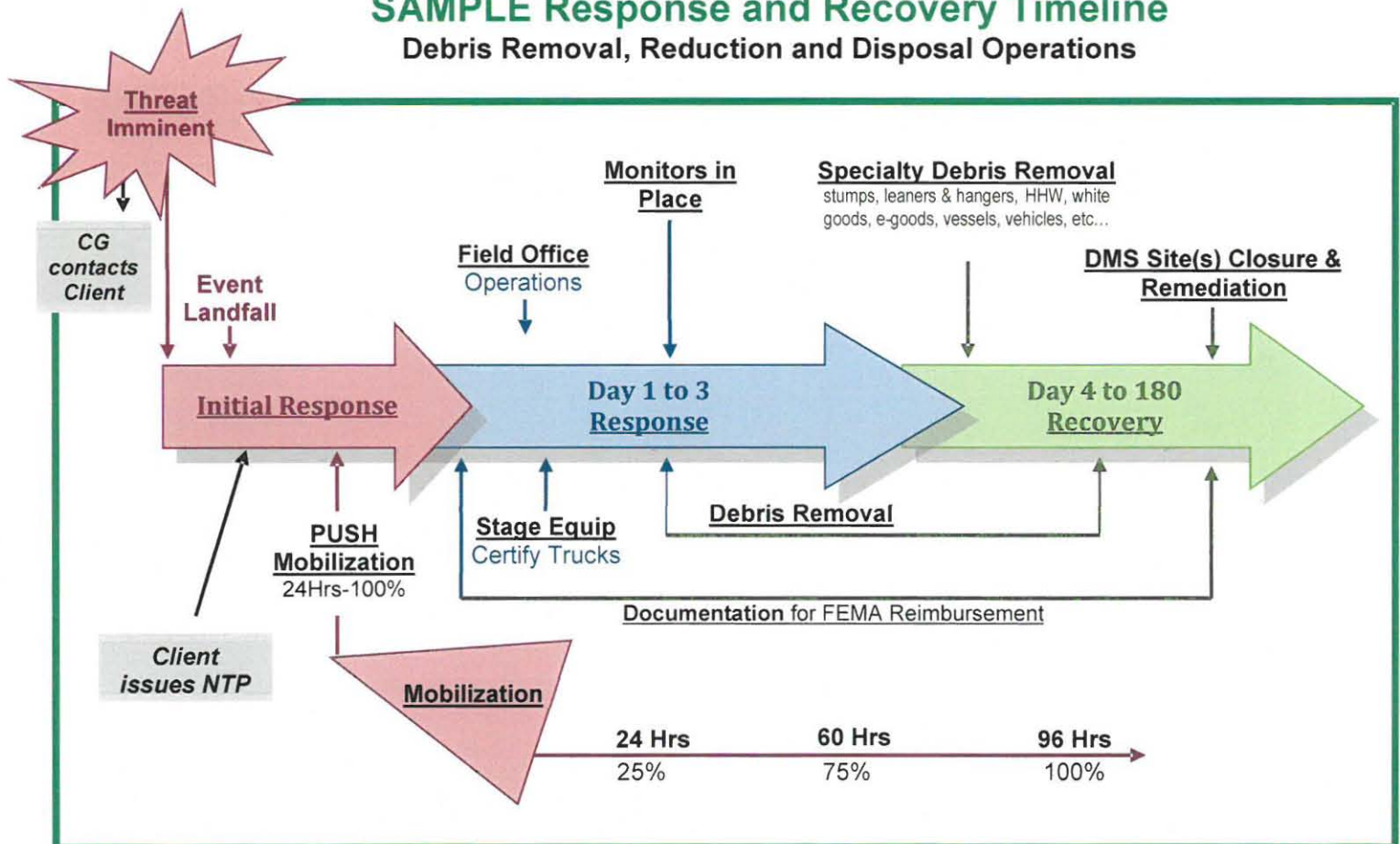
CrowderGulf's main office will serve as headquarters for "back-office" operational support and documentation center. Throughout the project, this office will support field operations on all levels and maintain backup files and records for reimbursement.

Sample Mobilization Parameters

Below are CrowderGulf's anticipated mobilization timelines for debris removal work. In most post-disaster situations, CrowderGulf has been able to meet these obligations. Should extraordinary circumstances prevail, such as those after the 2017 hurricanes, timelines may have to be adjusted slightly in the beginning of the operation. However, CrowderGulf has never failed to meet the end timelines for completing all projects and remain committed to meeting all timelines.

- Contacting the County's Emergency Operations Manager 48-72 hours prior to a predicted disaster event.
- Providing an advance CrowderGulf representative to the County's Emergency Operations Center 24-48 hours prior to a predicted disaster event or upon receiving notification of pending activation, if requested.
- Staging personnel and equipment in close proximity to the County to provide rapid deployment after the storm, while protecting those assets from damage/destruction by the event.
- Mobilizing resources and being operational for clearing debris and opening critical routes ("PUSH") within 24-48 hours of NTP if requested by the County.
- Being fully operational for hauling, sorting, and storing of debris within 48 hours of initial NTP.
- Being fully operational for reduction and disposal of debris within 72 hours of initial NTP.
- Maintaining full operational capability, 24 hours per day, 7 days per week for an extended period of time.
- Being able to clear all debris from all County maintained streets, roads and highway rights-of-way within 90 days from initial NTP.
- Rapidly adjusting the flow of resources based on the extent and magnitude of damage/debris.
- Providing Rapid Response Crews (RRC) as may be required.
- Being able to complete the entire debris management process from initial clearance through final disposal within 180 days from initial NTP

SAMPLE Response and Recovery Timeline Debris Removal, Reduction and Disposal Operations



Because each activation / storm presents separate challenges and situations, the above information has been provided as a sample. During our pre-event training sessions with the County, we will work to frame out possible timelines for minor and major activations.

➤ Debris Emergency Response

Debris Response activities occur immediately after an event in order to clear emergency access routes. This initial phase of operations normally consists of clearing debris that may hinder immediate lifesaving actions within the disaster area and/or pose an immediate threat to public health and safety. The Debris Response phase includes immediate actions for the removal of debris in order to facilitate search and rescue efforts, allow access to critical facilities, and prevent flooding. Actions required during the response phase are usually completed within a matter of days following a disaster event. During Debris Response, CrowderGulf will conduct an emergency "PUSH" of critical streets and roads sufficient to allow for the movement of emergency vehicles. "PUSH" crews can be on-site and working within hours of an event. County staff shall determine priorities for "PUSH" activities with primary emphasis on major thoroughfares. Multiple crews will be conducting emergency "PUSH" activities within 12 hours of receipt of a NTP.

Requirements for government services increase dramatically following a major disaster. After emergency access has been provided to hospitals, police and fire stations, the next priority normally is to open access to other critical community facilities, such as schools, municipal buildings, water treatment plants, wastewater treatment plants, power generation units, airports and seaports.

As soon as critical facility locations are identified, CrowderGulf will dispatch "clearing crews". Depending on the damage, multiple crews will be deployed within 24-48 hours of receiving a NTP. The "clearing crews" will use all available resources with focus on local personnel and firms. Each "clearing crew" at a minimum will consist of:

- Two pieces of rubber-tired pushing / loading equipment such as backhoe loaders, rubber tired front-end loaders, and skid steer loaders with operators
- Two - three chain saw operators, laborers, flaggers with transport vehicles
- Five 16 to 20 cubic yard capacity dump trucks with drivers
- One Quality Control/Foreman with communications capability and pickup truck
- Equipment and resources needed to transport crew from one site to another

To maximize efficiency, the clearing crew may, depending on the size of the roadway and severity of damage, split into two work teams clearing at different locations on the same street or road. If a crew divides into two work teams, visual contact and effective radio or cellular communication will be maintained between the teams.

When needed, Search and Rescue Support Crews will be provided. At a minimum, each crew will consist of the following:

- One trackhoe excavator, minimum 150hp with operator,
- Three laborers/riggers
- One crew foreman
- Slings, riggings, implements
- Transport equipment

"Perhaps most noteworthy of the CrowderGulf team was the selfless partnership they exhibited. While it was anticipated that a contractor would seek to profit from work opportunities, there were multiple occasions when the CrowderGulf team chose not to take advantage of the City and instead openly expressed that it would not be in the City's financial best interest to take certain measures that would have actually benefited CrowderGulf. It was this cooperative attitude that convinced us that the City of Newport News had made the right decision to make CrowderGulf our debris recovery management company of choice."

*Ralph Caldwell, Public Works
Assistant Director
Newport News, VA*

Safety of the clearing crews in this early stage of work will be a paramount concern. Downed power lines, falling trees, equipment and chain saw injuries, worker fatigue, and a host of unanticipated hazards demand constant attention by all team members. Therefore, **toolbox safety discussions** will be a **daily requirement** for the team.

Work areas will be surveyed for hazards before work begins and throughout the clearing operation. Special hazard observation responsibility will be assigned to the Quality Control Manager. The following is an example a Debris Response priority list:

- Fire, police, and ambulance service routes
- Access routes to trauma centers, hospitals, critical care units and jails
- Major arterial routes
- Roads and streets to the emergency operations center
- Supply routes to emergency supply distribution centers
- Roads and streets to government facilities
- Communication towers and systems access
- Utility access routes
- Routes to shelters
- Routes to the debris management centers



All other roads and streets are normally cleared as soon as the emergency and major access routes are opened and the County transitions to the recovery operations.

➤ Debris Recovery Operations

Debris Recovery consists of the removal and disposal of FEMA eligible storm-related debris in order to ensure the orderly recovery of the community, and eliminate less immediate threats to public health and safety. The debris removal, reduction and disposal procedures are addressed in specific detail in the following paragraphs.

Important Operational Considerations: At this point in the operation, decisions regarding the movement, storage, reduction and disposal of the debris will have a huge impact on the efficiency and effectiveness of the overall project. As in all CrowderGulf debris operations, we apply a set of standard principles to managing debris operations which include but are not limited to the following:

- Never load debris on a truck before the dump site has been identified.
- Handle only debris that meets FEMA's eligibility criteria.
- Sort debris before initial loading, whenever possible, to increase efficiency.
- Clean streets/roads thoroughly at each pass, i.e., "Clean As You Go" policy.
- If at all possible, load debris only once and deliver directly to the final disposal site.
- Use temporary debris management sites (TDMS) only when they increase operational efficiency.
- Use the most efficient reduction method approved by the client.
- Recycle if costs to benefits are favorable.
- Use privately-owned or if available, publicly-owned landfills for final disposal.

Collection Methods

The fundamental component of a debris management strategy is the collection of debris. Implementation of debris collection immediately after a disaster event will assure the public that recovery efforts are in progress and that the community will return to normal quickly. The debris type, amount, and urgency determines which collection method is used. The two main methods of debris collection are curbside collection and collection centers. Both types of collection methods may be used and will be determined by Franklin County.

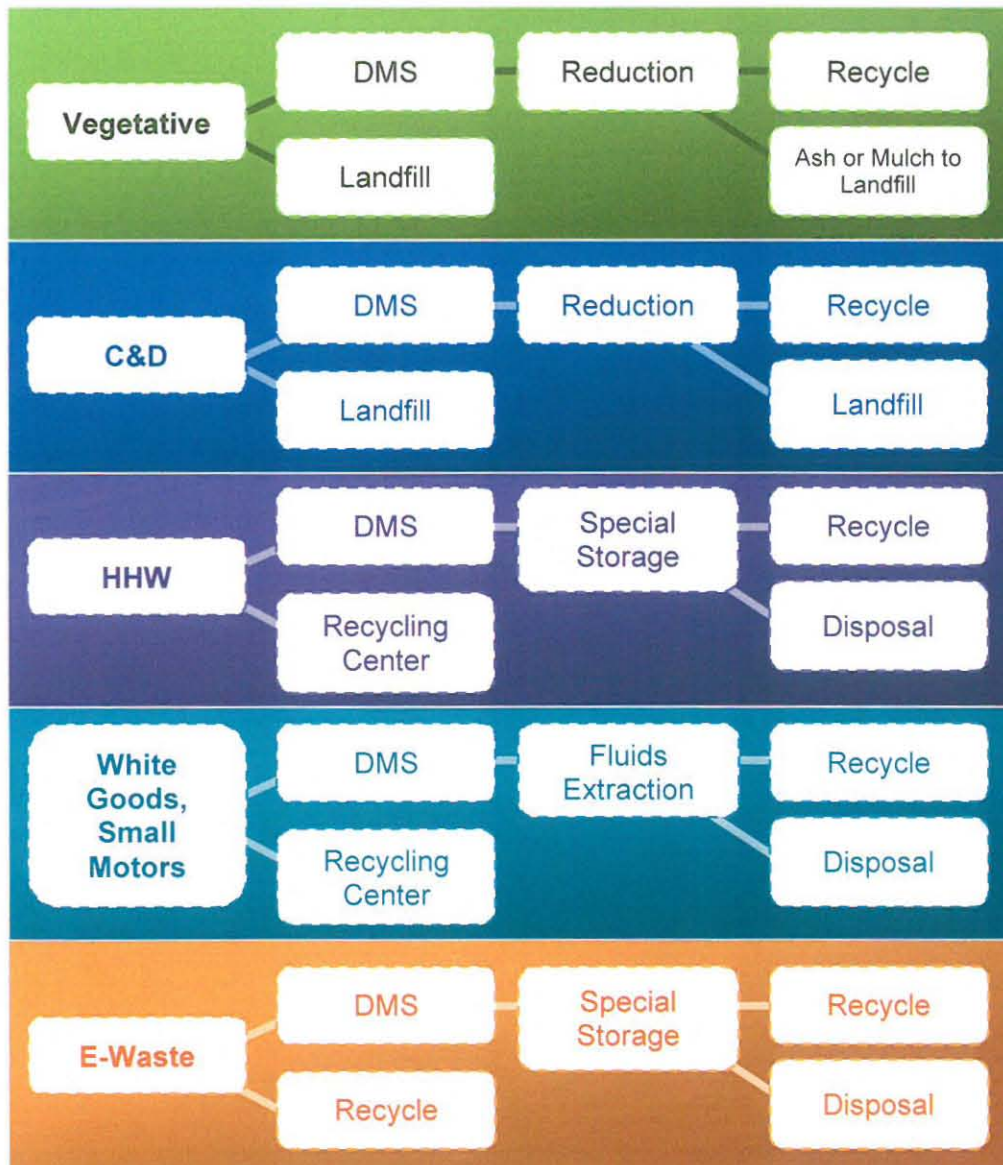
Curbside collection requires that only storm related debris be placed at the curb or public rights-of-way. Source-segregated debris collection offers the potential of high salvage value and efficient recycling/reduction processing. This method is important when collecting hazardous and environmentally sensitive debris, such as household hazardous waste and white goods. Collecting mixed debris allows for residents to place all debris types in one specified area, usually along the public rights-of-way in front of their residence. While this is the most convenient for the public, it does not facilitate effective recycling and reduction efforts, as the debris will need to be handled multiple times. This method prolongs recycling and reduction efforts and increases operational costs.

Collection Centers, the second type of collection method, relies on having residents transport their debris to a common location. Large roll-off bins may be placed on public rights-of-way or public property for the residents to bring their debris for collection. Separate bins can be designated for particular types of debris. If Collection Centers are used, they must be monitored to ensure only of the citizens use the Center and all debris is storm-related eligible debris.

Regardless of the collection methods used, educating the residents before a disaster occurs and keeping them informed after a disaster about the how, when and where of the debris removal operations, will alleviate a lot of stress for everyone. CrowderGulf can assist with keeping the public informed with the information needed to get their debris removed safely and in a timely manner.

Debris Types

Franklin County will determine the scope of the debris to be managed under this contract. However, CrowderGulf is prepared to assist the County in hauling, reducing and disposing of all eligible debris types in accordance with FEMA 325 guidelines. These include: vegetative debris, construction & demolition (C&D) debris, hazardous wastes, white goods, household hazardous waste (HHW), electronic waste (e-goods), abandoned vehicles and vessels, putrescent debris, infectious waste, chemical, biological, radiological, and nuclear-contaminated debris. The following diagram is a breakdown of the general **debris stream**:



Truck Certification

All debris hauling trucks will be certified by the County or a County representative before any hauling begins. The inside bed dimensions of all trucks will be accurately measured and all safety requirements will be checked and approved. This information along with the description and a picture of the truck, driver's name, license and tag number will be recorded on the FEMA compliant certification forms provided by CrowderGulf. The County will retain the original copy of the form and provide CrowderGulf and the driver with copies. The driver's copy must remain in the truck at all times. A placard displaying the trucks identification and measurement information will be displayed on both sides of the vehicle at all times. Specific truck documentation requirements are discussed in the [Documentation and Reimbursement Section of this proposal](#).

Sectioning and Crew Assignments

Upon NTP, CrowderGulf will assist Franklin County in assessing damage and developing a specific plan of action. The affected areas will be divided into sections and then crews, subcontractors, and equipment will be assigned. All areas will be served simultaneously.

Loading Debris

Prerequisites for Loading Debris:

- Truck certification and safety inspections completed on all trucks hauling debris
- Identification of disposal site
- If needed for efficiency, identification and preparation of debris management sites
- Sectioning of County with subcontractor assignments
- Quality Control organization operational
- Load ticketing and data management process operational
- Accident Prevention Plan (APP), Site Safety and Health Plans (SSHP), Activity Hazard Analyses (AHAs)
- Initial safety and health briefing for all personnel complete
- Specific training on traffic control complete for all debris crews
- Preparatory inspections of each worksite by Quality Control staff and debris crew foreman
- Work area cleared of safety and health hazards such as downed power lines and hazardous materials
- Inspection of work area for water meters, fire hydrants, utility pedestals and other infrastructure components that could be damaged by equipment
- FEMA debris eligibility criteria communicated to all Crew Foremen, Superintendents, Quality Control staff, Project Managers, and Equipment Operators
- Overhead power lines and other utility lines identified for safe clearance of loading equipment

Crew Composition

CrowderGulf matches equipment to the requirements of the task. Crew composition varies depending on the type of equipment used in performing the loading operation. For example, crews with self-loading trucks do not need separate loading equipment that is required to support a crew consisting of dump trucks or trailers. However, every crew requires traffic control personnel, a foreman and a designated quality control person. Also, each crew requires a chain saw operator and laborer(s) to assist in the ground support work. Usually each piece of loading equipment (self-loading truck or separate loader) is supported by one saw operator, two laborers and two flaggers. At a minimum, debris separation crews will consist of two laborers, one chain saw operator with saw, one skid steer loader with operator and implements, all equipment necessary to transport personnel and equipment from one work site to another. When necessary, ground crews will separate and sort the debris by type, saw fallen trees and vegetative debris at the public rights-of-way, and be constantly alert for water meters, fire hydrants, utility pedestals and other infrastructure components that could be damaged by equipment.

Crew Sizes

The size of debris loading crews will be dictated by the severity and localization of damage. Each crew foreman will be experienced in organizing and directing debris crews and will be provided with sufficient chain saw operators, flagmen, laborers and knuckle boom operators to assure rapid and efficient debris removal.

An example of a Crew is demonstrated in the chart below:

Manpower/Equipment Required	Task Responsibility	No. per Crew
Crew Foreman with experience in organizing & running crews with previous work in disaster related jobs	Provide on-site management of crew to ensure quality performance, safety & maximum productivity	1
20 – 60 CY dump trucks with skilled operators &/or 80 - 140 CY self-loader trucks	Pick up debris from curbside & haul to DMS or final disposal	4-6 (or as area dictates)
Chain Saws & Experienced Operators (as needed)	Reduce large trees & limbs to manageable size & trim debris hanging from loaded trucks	1-2
Flagmen	Direct traffic flow & truck movement	3-6
Laborers	Gather small debris that loaders are unable to grasp	2

Truck and Equipment Considerations:

The number of debris hauling trucks assigned to each crew will be determined by the time required to transport a load of debris to the disposal site, dump the load and return to the loading site. Sufficient trucks or trailer hauling equipment will be assigned to each crew to preclude having idle loading equipment. If hauling equipment is found idle and frequently waiting to be loaded, some of the hauling equipment will be reassigned to other crews. Crews will be adjusted as needed to maximize the use of all trucks and equipment.

Often on the first pass of debris removal work, large stumps, tree trunks and other heavy debris must be left for loading by larger more specialized equipment. CrowderGulf will make every attempt to "Clean As You Go". However, there are situations when the need for expedient debris removal precludes achieving this standard completely. As required and directed, specialized equipment will be mobilized on subsequent passes to handle the removal of stumps, other large debris and backfill of stump holes.

Truck Drivers will not be issued a load ticket until:

- The tailgate is secured to prevent debris from falling out of the truck while in route to disposal site
- Trimming of overhanging limbs and debris from around the truck or trailer is complete. This includes debris protruding from the truck bed that may pose a risk of utility line damage. (Actual height depends on local line installation height)
- The debris hauling container is loaded as completely (fully) as safely possible

Once the load ticket is issued, the truck driver will safely move the vehicle out of the loading zone and into normal traffic flow in route to the disposal site or to a Temporary Debris Management Site (TDMS).

Hauling Debris

The hauling or transport process begins at the time the truck or trailer leaves the "loading zone". Safe transport of the debris material to the disposal site becomes the drivers' primary concern. Drivers remain responsible for their loads until safely dumped at the disposal site.

All drivers will follow the most direct and safe pre-planned route to the nearest disposal site. Particular attention to safety is required in the areas near school buses, school zones and other areas of pedestrian foot traffic. Tarps or load covers are applied as required by local or state regulations.

On arriving at the disposal site, the driver will maneuver the hauling container for inspection by a County representative in the inspection tower. The load will be "called" by the County representative estimating the percent of the full volume or by estimating the number of cubic yards short of full volume. Drivers working for CrowderGulf are instructed never to disagree or complain about the load "call". Any concerns the driver has are to be directed to his or her crew foreman or supervisor for resolution.

When the debris is safely delivered to the disposal site, it will be mandatory to dump the load only when the truck and trailer are level. This prevents the dangerous hazard of trucks and trailers tipping over. CrowderGulf will employ spotters at the dumpsite to assist drivers in dumping safely.

When the dumping process is complete, the driver will maneuver the hauling container back to the inspection tower for a quick check to make sure all debris has been removed during the dumping process. Any debris hung in the truck or trailer bed must be removed before the truck or trailer leaves the disposal site.

All dumpsites will have a dumpsite manager to supervise and oversee the day to day operations. A safety officer will also be onsite to ensure all safety measures are being executed. Flaggers will be strategically placed at the site to direct traffic flow into and out of the disposal site.

Debris Hauling Prerequisites:

- Debris will only be transported in trucks or trailers capable of rapidly and mechanically unloading.
- No self-load trailers will be used. Exceptions to this standard may be necessary to efficiently and safely transport HHW, E-Waste, ACM or white goods.
- All trucks and trailers hauling debris must have completed the truck certification process establishing approved volume for the debris-hauling container.
- All trucks and trailers must have successfully completed the prescribed Safety Inspection.
- Drivers will be instructed to use the most direct and safe route to the nearest disposal site.
- Drivers will be required to wear safety vests and steel-toed shoes when working.
- If loads are required to be covered during transport, the hauling container must be equipped with a functional cover or "tarp" to prevent flying debris during transport.

***Note:** Proper trimming of loads at the loading site is the best prevention for debris falling out during transport.*

Safety Measures

The Safety Manager and Safety Officers will monitor all safety procedures and daily reports of accidents and/or property damage. The Safety Manager or designee will also be responsible for coordinating and conducting safety meetings with crewmembers and subcontractor personnel. *Safety is critical throughout all operations and is discussed later within this Debris Operations Plan.*

Truck and Equipment Maintenance

Well maintained trucks and equipment are essential for efficient operations. CrowderGulf's crew foremen, subcontractor foremen, and the Field Project Manager will be responsible for keeping all trucks and equipment in good working condition and prepared for each workday. A CrowderGulf mechanic will be on the job for troubleshooting and maintenance of equipment. Local mechanic shops will also be utilized.

Traffic Control

CrowderGulf will use its best efforts to mitigate the impact of debris removal operations on local traffic. Sufficient signing, flagging, barricading, safety equipment and communications devices will be used to ensure the safety of vehicular and pedestrian traffic in all work areas. All work shall be done in conformity with applicable federal, state, local laws, regulations and ordinances.

Hours of Operation

Debris will be collected and loaded during visible daylight hours (dawn to dusk) seven days per week. Debris reduction at the DMS may take place 24 hours per day, seven days per week if required by demand and approved by the County.

Number of Passes

CrowderGulf will make as many passes as the County may direct in order to successfully complete the debris removal process. Normally, a few days may need to elapse between each pass so that the citizens have time to get their debris to the ROW.

Daily Coordinated Issue Management Meetings

Daily meetings will be held between the Field Project Manager, Field Supervisors, the Subcontractor Crew Foremen and representatives of Franklin County to discuss progress, needed adjustments and other issues. Decisions to increase/decrease manpower and/or equipment or change work areas will be made with approval of the County.

Accurate Record Keeping

CrowderGulf utilizes a number of systems to assure accurate truck certification and debris hauling information. Production reports, shift inspection checklists, safety meeting reports, quality controls, daily crew and equipment usage reports are some of the Quality Control measures used to provide accuracy in the documentation process.

Using the most appropriate technology provides the necessary information to make decisions during the recovery operation. It also improves our ability to provide all documentation needed for maximum reimbursement from FEMA and other agencies. Details of our documentation procedures are fully described in the [*Documentation and Reimbursement section of this proposal.*](#)

Documenting and Resolving Damages

During the debris removal process there will always be some minor damage situations that occur regardless of the care taken during the work. CrowderGulf will respond quickly to all damage claims by the County or its citizens and will work diligently to resolve such claims to the satisfaction of all involved. We are well aware of the trauma and disruption to normal lifestyles that result from a natural disaster. Our personnel are thoroughly indoctrinated regarding our policy to always be caring, courteous, polite, and responsive to the needs of the citizens of the community.

"From this resident, we thank you and all of your crews for keeping the recovery from being another disaster, as often happens. It has been a pleasure having your team in our backyards."

Citizen, High Island, TX

Citizens will be provided an avenue to report damages. One option will be a citizens' hot line. The County, the monitoring company or CrowderGulf may provide the hot line. Regardless of the method chosen to provide the information, CrowderGulf is committed to resolving the damage complaint as quickly as possible to the satisfaction of the County and its citizens.

We will employ a Claims Resolution Person (CRP) to handle all property damages that may occur during the recovery process. If possible, a local resident with excellent communication and negotiating skills will be employed to fill this position. This person will be tasked with responding to and amicably resolving all incidents that may occur.

Debris Management Site Development

CrowderGulf has vast experience with selecting, developing, managing and operating Temporary Debris Management Sites. We are committed to efficient and safe DMS operations and require all personnel to be vigilant in using safe practices at all times.

In the context of this proposal, the terms "**Temporary Debris Separation and Reduction Site**" and the term "**Debris Management Site**" (DMS) are used interchangeably.

DMS are established when debris cannot be taken directly from the collection point to the final disposition location. A DMS is a location to temporarily store, reduce, segregate, and/or process debris before it is hauled to its final disposition.

DMS Site Selection

Site selection is probably the most important decision effecting DMS operations. CrowderGulf will work closely with Franklin County to identify and secure suitable locations. Specific Site Plans will be developed for each DMS either upon activation or upon request by the County, and will be in compliance with FEMA 325 regulations for site plan development.

Once site selection is approved by the appropriate Debris Managers, CrowderGulf will perform baseline environmental testing protocols as required and will obtain any required special permits and environmental permissions. All costs associated with the preparation, operation, and restoration of DMSs is included in CrowderGulf's pricing structure for the contract.

Site selection should be based on the following criteria:

- Ownership
- Potential for Land Lease Agreements
- Size
- Location
- Environmental and historic concerns (baseline study findings)
- Required Permits

DMS Design and Operational Features

The information gathered during the baseline data collection becomes important to the design of the site. The efficiency and the overall success of the DMS operations are determined by how the site is designed.

A minimum of the following features will be designed into the DMS plan.

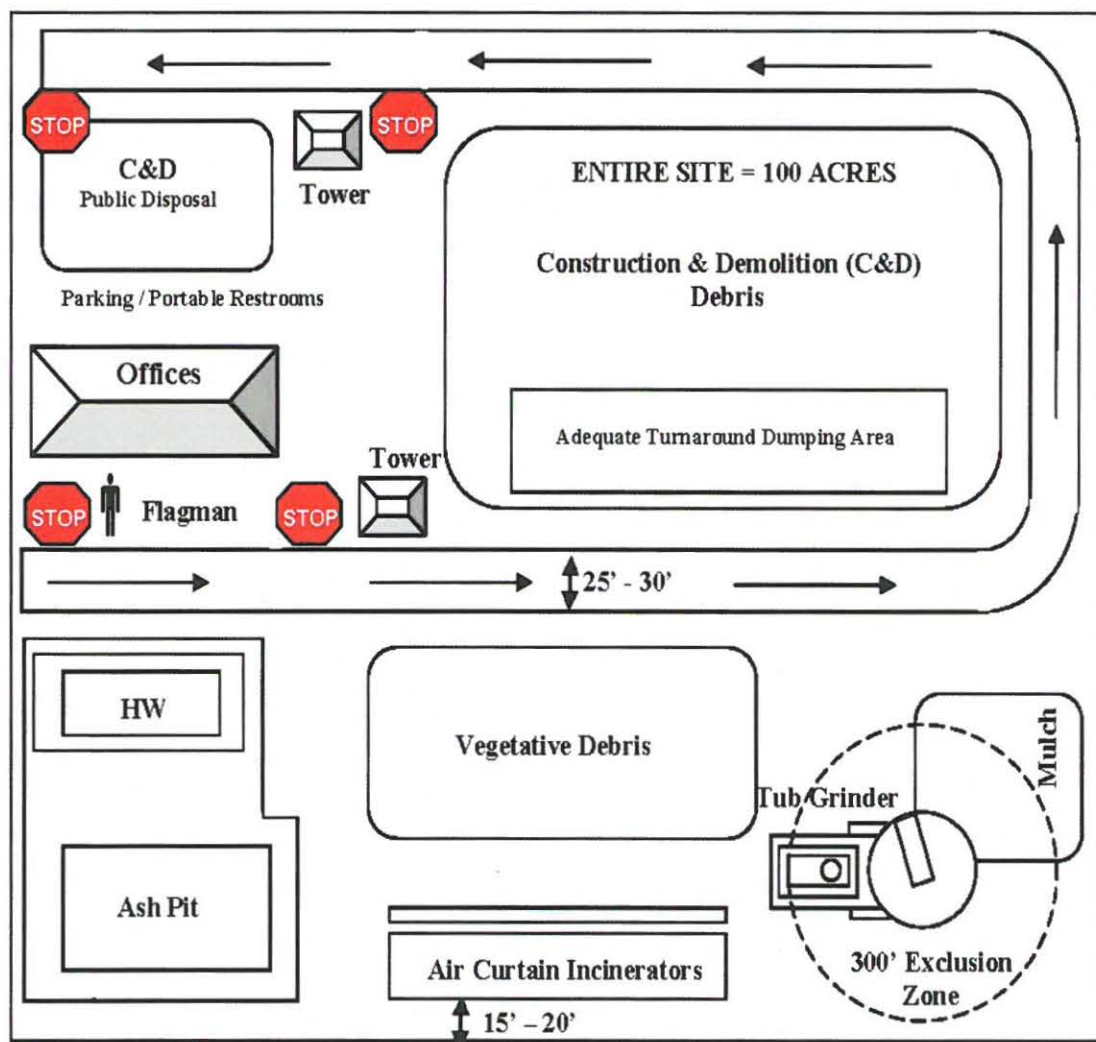
- Portable toilet facilities will be conveniently located to serve the inspection towers, crews working on the site, and office facilities
- Perimeter chain-link fencing, erosion and sediment control fencing, and other necessary drainage control methods
- Site traffic flow will provide for orderly movement of vehicles and equipment to avoid crossing traffic lanes with the construction of two entrances/exits with lockable gates
- At the request of Franklin County, the DMS(s) may be restricted to County and Contractor vehicles only
- Safe and ready access of fire safety and rescue equipment will be provided to all functional sections of the site and to debris stockpiles
- A Safety Zone of at least 200' will be established around the grinder
- Air Curtain Incinerator (ACI) or Open burning safety zone will be established and will be 1,200' from any structure (other than inspection tower) and no less than 250' from any other pile or type of debris on site
- Ash storage pit will be adjacent to ACI units
- Compacted crushed rock and/or mulch will be used on ingress/egress road surfaces
- Designated personnel parking area for 30 vehicles will be established
- Space for two 12'x50' office trailers will be established
- Development of a lined Hazardous Materials Containment Area surrounded by a berm
- Two vegetative debris piles for grinding operations
- Sufficient area for chip piles to minimize pile height to prevent spontaneous combustion
- C&D debris area will be separate from other debris areas
- Adequate area maintained at each site for truck maneuverability and a level stable surface for equipment to complete the dumping process
- Site orientation will provide for ACI operations and grinding operations to be located downwind from offices and inspection towers (i.e., prevailing winds will be considered when setting up site)
- If necessary, separate areas/sites for the public to use for dumping vegetative and C&D debris will be provided. Depending on the process prescribed for allowing this, a separate tower may be required to facilitate accounting for the material entering the public section. If off site citizen collection areas are developed in accordance with the County's Debris Management Plan, CrowderGulf will remove debris from those sites on a regular basis as directed by the County's Project Manager.

DMS Site Plan

A DMS Plan will be prepared to a scale of 1" = 50'. The Task Order specific Management and Operations Plan will be updated to include the Site Management Plans for all DMSs and Disposal Sites operated by CrowderGulf. The DMS Plan will display such functions as:

- Access to the Site
- Site Preparation – clearing, erosion control, and grading
- Traffic Control
- Site Security, Safety and Segregation of debris storage areas
- Location of ash disposal area, hazardous material containment area, contractor work area, and inspection towers
- Location of incineration operations and chipping operations
- Location of existing structures or sensitive areas requiring protection
- Household Hazardous Waste (HHW) or Hazardous, Toxic and Radioactive Waste (HTRW) storage
- A detailed list of equipment
- Sanitation facilities

The general site plan shown below will be modified to fit the needs of each specific DMS and will incorporate all specifications addressed in the FEMA 325 and all local, state and federal regulations and requirements.

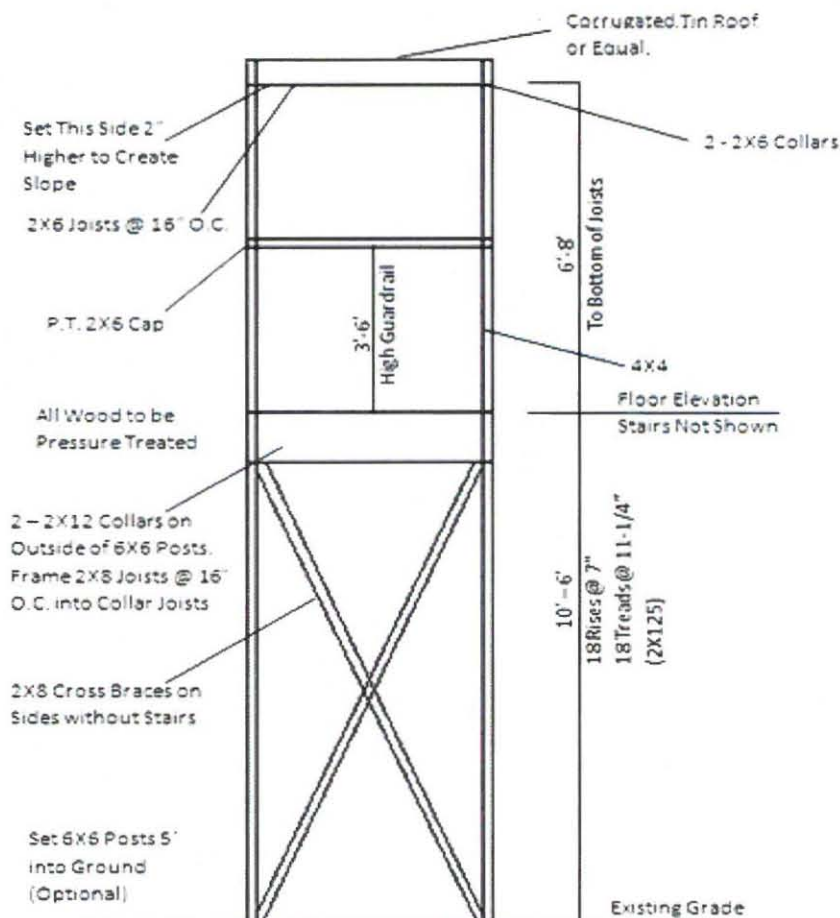


Inspection Towers

At no cost to Franklin County, CrowderGulf will construct a minimum of one inspection tower at each site adjacent to the roadway. A minimum of one exit lane for all trucks to use will be visible from a tower. This allows for checking truck beds before exiting, ensuring that they are completely empty. The inspection tower site location will provide a .25 mile approach outside the public road system to accommodate any truck back up.

- All towers will be OSHA and FEMA compliant. At a minimum, the towers will be constructed with pressure treated wood with the floor elevation of the tower 15' above the existing ground elevation; the floor area shall be 8'x 8', constructed of 2"x8" joists, 16" O.C. with ¾" plywood supported by four 6"x 8" posts.
- The perimeter of the floor area will be protected by a 4' high wall constructed of 2"x 4" studs and ½" plywood. The floor area will be covered by a corrugated tin roof.
- The roof shall provide a minimum of 6'8" of headroom below the support beams.
- Wooden steps will provide access with a handrail. In addition, the construction of towers will comply with all applicable County building codes.
- Inspection towers shall be capable of seating a minimum of three inspectors each.
- Towers will be removed at the completion of the project or when the site is no longer in need.

Inspection Tower

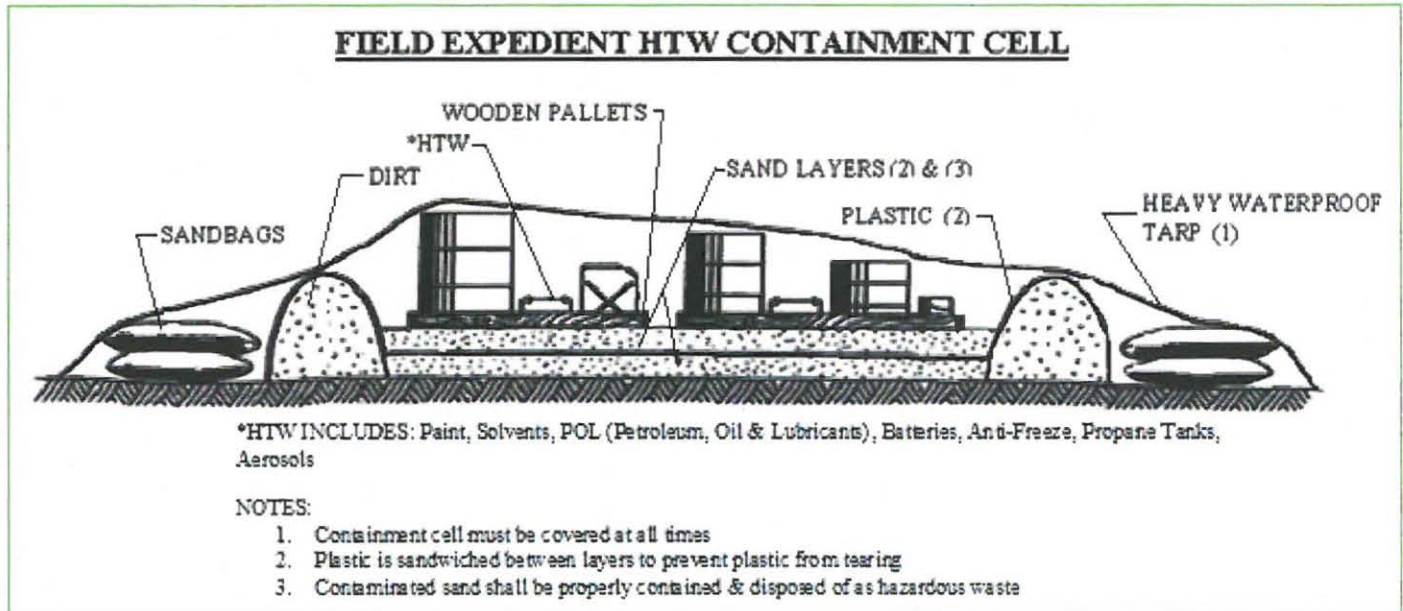


Hazardous Materials Containment Area

In accordance with FEMA specifications, CrowderGulf will construct an area designed for the temporary storage and confinement of hazardous material. Material deposited into this facility will be inventoried and stabilized. Any leaking containers will be placed in "over pack drums". A well-marked, defined and enforced NO SMOKING area will be established within 200 feet of this area.

Minimum Design Criteria for the Hazardous Materials Containment Area:

- 30'x 30' in size, the perimeter lined with hay bales staked in place
- Water proof liner or plastic ground protection cover
- Rain and snow cover for the entire area



Debris Separation and Reduction

Debris Separation

The Debris Reduction Manager will supervise the separation and segregation of all loads deposited at the DMS. If site segregation is required because of mixed loads, the separation will reflect the six categories cited below. Each of the following categories of debris will be dealt with in full compliance with the CrowderGulf Environmental Plan and local, state and federal standards:

- Clean, vegetative debris
- Vegetative debris containing other foreign matter
- Construction and Demolition (C&D) Debris
- Salvageable or recyclable debris
- White Goods, e-goods
- Hazardous or toxic materials / waste

Vegetative debris will be placed into two or more piles (no more than 15' high) which will allow for volume reduction without interfering with the ongoing dumping operation or until the dumping and/or reduction operations are complete. As directed by the County's representative, all construction and demolition (C&D) debris will be hauled directly to a certified landfill or prepared for reduction or recycling if feasible. White goods will be degassed, crushed and bailed for sale as scrap metal.

Methods of Debris Reduction

There are two primary types of reduction methods – incineration and chipping/grinding. After all major storms, we have used both grinding and burning to reduce debris, however, grinding has become the more common method due to environmental issues with burning.

- **Chipping and Grinding**

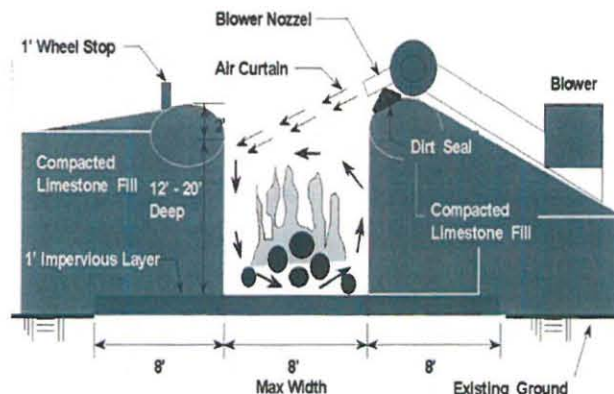
The chipping and grinding of vegetative debris reduces the volume by 75%. Many times clean chips will be recycled as bio-mass fuel. CrowderGulf is very experienced with chipping/grinding debris and has used this method in the majority of our disaster contracts for the past ten years. When grinding/chipping is utilized as the reduction method, all safety and compliance regulations are enforced throughout the operation.



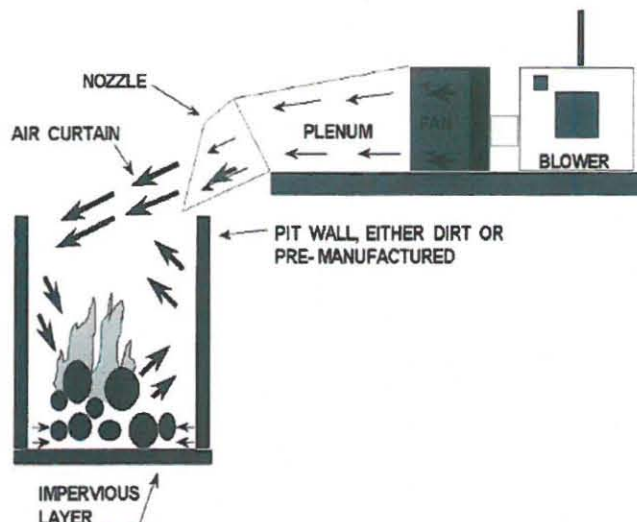
- **Incineration**

There are several incineration methods available for volume reduction. These include uncontrolled open-air incineration, controlled open-air incineration, air curtain pit incineration, and portable air curtain incineration. Portable air curtain incineration is the most efficient incineration system available because the pre-manufactured pit is engineered to precise dimensions to complement the blower system. Any burning method used will only be conducted with concurrence from the County. Burning vegetative debris can produce up to a 95% reduction rate. In those situations where air curtain incineration may be approved by the County, all environmental compliance and safety, concerns will be addressed within the site specific plan. Setbacks and buffer zones will be established within and around the reduction sites not only for the public safety but also for the safety of the debris operations. A setback of at least 100' will be maintained between the debris piles and the incineration area.

Air Curtain Pit Burner



Overview of an Air Curtain Operation



There will be a buffer of 1,000' between the incineration area and the nearest building in order to create a zone for emergency vehicles, if needed. The fire will be extinguished two hours before anticipated removal of the ash mound. The ash mound will be removed before it reaches two feet below the lip of the incineration pit. To prevent explosions, hazardous or contaminated flammable material will not be placed in the pit. Finally, fencing and signage are simple and effective means to keep the public away from the incineration area.

The CrowderGulf **Environmental Protection Plan** address and provides detailed guidance on DMS environmental concerns such as dust, smoke, erosion, storm water plus hazardous and toxic wastes. If the DMS is near an environmentally sensitive area or has historical sites in close proximity, special environmental consideration will be taken to protect and preserve such areas.

Debris Reduction Time Lines

The following Debris Reduction Plan Time Line provides an overview of tasks and identifies both the management personnel responsible and the time frame within which each task shall be completed.

DEBRIS REDUCTION PLAN TIME LINE		
TASK		TIME FRAME (from NTP)
Conduct requirements assessment of damaged area for DMS		Within 24 hrs
Develop DMS according to Management Plan, including rd construction, erosion control, portable office & toilet facility		Within 48 hrs
Construct observation platform per FEMA requirements		Within 48 hrs
Construct grinding, burn pit, ash storage & hazardous waste storage areas		Within 48 hrs
Determine the number of burners &/or grinders/chippers required per site		Within 48 hrs
Ensure Hazardous Waste Plan in place		Within 48 hrs
If burning is permitted, begin construction of burn pits		Within 48 hrs
Complete installation of burners		Within 72 hrs
Secure permits & transport grinders/chippers to designated reduction areas		Within 72 hrs
Set up grinders/chippers		Within 72 hrs
Maintain records of hours worked for operators, location worked, repairs, etc.		Daily
Ensure maintenance of burners &/or grinders/chippers		Daily
Make dumpsite adjustments		Daily
Provide daily operations reports to Project Manager & County Rep		Daily
Inspect DMS operations for safety & quality control monitoring		Daily & periodically
Handle storage & disposal of hazardous waste		As required
Restoration of site upon project completion to County's specifications		Upon completion of project
Provide for demobilization of equipment		Upon completion of all tasks

Basic Debris Reduction Crews

Personnel / Equipment	Task Responsibility	Number per Crew
DMS Reduction Project Mgr	Supervise set up & daily ops of debris reduction site; Ensure all safety regulations enforced	1 / Site
Day Foreman	Monitor incoming trucks, direct separation of materials; Supervise reduction crews; Monitor for safety regulations being followed and report infractions to Foreman	1 / Site
Night Foreman (if burning)	Supervise crews & secure site; Monitor safety regulations & report infractions to Foreman	1 / Site
Spotters	Monitor incoming debris types; Ensure drivers drop loads in proper locations at stockpiles; Direct clean loads of recyclable material to storage areas; Follow all safety requirements & report any infractions to Foreman	2 - 4 / Site
Flagmen	Direct flow of incoming & outgoing trucks at site; Follow all safety requirements & report any infractions to Foreman	2 - 4 / Site
Laborers	Separate recyclable materials from incoming debris & move it to designated storage areas; Assist other workers with debris separation	2 - 4 / Site
Tower Monitor	Check all ticket copies for legibility & accuracy; Alert monitor writing tickets of errors; Monitor for safety infractions & report to Foreman	1 / Site
Water Truck w/spray nozzles & high pressure hose	Spray nozzles used for dust control; High pressure for hose for fire control	1 / Site
Road Grader w/Operator	Maintain rds & site	1 / Site
Onsite Fuel & Oil Storage Tanks	Replenish equipment as needed	2 - 4 / Site
Track Hoe w/grapple w/Operators	Build burn pit according to Ops Manual; Clean ash from pits & pile in designated areas; Supply debris to burn pit & grinder	2 - 4 / Site
Bulldozer &/or Rubber Tire Loader w/Operator	Stockpile material; Push debris with Trackhoe	2-4 / Site
Burner Technician / Mechanic	Initial burner set-up; Assist starting fires according to Ops Manual; Daily maintenance & care of burner & loader equipment	1 / Site when burning
1000-1200hp Tub or Horizontal Grinder	Grind vegetative debris	1 / Site when grinding
Grinder Operator	Fuel tub grinder & control grinder operation.	1 / Grinder

Debris Disposal

Final disposition of the products of debris reduction will be made in accordance with instructions from the County and in keeping with all federal, state and local laws.

Vegetative Debris

Based on the County's decision, all vegetative debris will be ground or burned. If ground, the reduced vegetative mulch will be hauled to a properly permitted final disposal site in accordance with all local, state and federal regulations. If vegetative debris is burned, the ash will be hauled to a properly permitted final disposal site. In past disasters we have also recycled the clean ash as fertilizer on farm land. We will properly recycle mulch and ash to the greatest extent possible and within permitted regulations.

Construction and Demolition Debris

All C&D material shall be disposed of in facilities approved by Franklin County in accordance with all federal, state and local laws.

Specialty Debris

CrowderGulf's supervisory personnel are experienced in identifying and assessing potential problems imposed by specialty debris including **abandoned vehicles and vessels, wet marine debris, white goods and electronic wastes, hazardous materials and waste, bio-hazardous wastes, dead animals, and hazardous trees and stumps**. As mentioned above, CrowderGulf works in conjunction with all federal, state and local regulatory agencies and strictly follows all regulatory guidance. If removal and disposal is beyond the area of our expertise, we will use Garner Environmental Services (www.garner-es.com), a highly qualified and licensed Hazmat contractor, to remove and dispose of any such materials.

Debris Recycling Plan

Based on the debris management goals and objectives of Franklin County, CrowderGulf will implement debris recycling programs as marketing opportunities allow. When recycling is feasible, CrowderGulf will monitor procedures to ensure that the recycling contractors comply with local, tribal, state and federal environmental regulations. Any reimbursement for recycled material will be credited or returned directly to the County.

Vegetative Debris

The vast amount of vegetative debris produced by a natural disaster creates a real recycling challenge. We will make maximum efforts to recycle all organic material. Experience has taught us that it will still require freight cost and tipping fees, but recycling is still the best option as opposed to using up valuable landfill space.

Specifically, our plan involves the following:

1. Debris crews will be encouraged to cut tree trunks into 8' or longer lengths for delivery to dump site. Quality logs will be separated and marketed to pulp mills, saw mills, and veneer mills. Timber in the log form is always marketable, and depending on quality can be transported to market even if the markets are relatively far away.
2. Stumps usually have large quantities of dirt attached, which contributes to the low quality of fuel chips. Stumps will be split and burned if burning is permitted. If burning is not permitted split stumps will be ground and resulting chips will be kept separate.
3. Limbs, twigs, short blocks and inferior logs will be ground or burned. To reduce contamination of chips with dirt, care will be taken to use rubber-tire loaders with rakes and track hoes with grapples.
4. Every effort will be made to move chips to organic fuel users in a wide area. CrowderGulf will begin moving chips as soon as possible to prevent the buildup of massive chip piles that create a potential fire hazard.
5. CrowderGulf has contacts with major paper mills, sugar mills, and other organic fuel users in the Southeast. Once CrowderGulf is awarded a contract, we will work to get tentative agreements with users who are in close proximity.
6. If local laws and regulations permit, CrowderGulf will secure land in a rural area(s) as close as possible to our chipping operations. Chips unfit for fuel or chips surplus will be piled on the property, mixed with ash from burning operations that has been tested and free of contaminants, and turned periodically to produce quality marketable compost suitable for landscaping use or applications to farm land.

After Hurricanes Isabel in 2003, and Ivan in 2004, CrowderGulf shipped clean vegetative chips to Italy to be used as bio-mass fuel. After Hurricanes Charley in 2004, and Irene in 2011, local power plants took chips for use as bio-mass fuel. In 2012, after Hurricane Isaac, Mississippi paper mills received all of our clean chips to use for bio-mass fuel.

C&D Debris

Concrete, asphalt and masonry products can be crushed and used as base material for certain road construction products or as a trench backfill. Debris targeted for base materials will need to meet certain size specifications as determined by the end user. The County may choose to recycle these products themselves. As an example, after Hurricane Ike, Galveston County recycled the crushed concrete (from home slabs on Bolivar Peninsula) by using it for road reconstruction and for a new government building foundation.

Hurricanes and tornadoes can cause extensive damage to mobile homes, sun porches, and green houses. Most of the nonferrous and ferrous metal debris is suitable for recycling. Trailer frames, trailer parts, appliances and other metal items will be properly separated, crushed, baled and recycled. Any proceeds will be credited to Franklin County.

Site Closure and Restoration

Upon completion of debris reduction operations, all DMSs will be restored to pre-existing conditions. All equipment, inspection towers, and any other temporary buildings will be removed. Burn pits will be returned to existing grade. Any unburned or chipped materials will be hauled to an appropriate facility. Separated metals, plastics, white goods or other materials and types will be disposed of as required by contract or regulations. Site reclamation / remediation will be billed back to the client at a pass through cost. In addition, if groundwater and / or soil testing is required, these items will be billed to the client at as pass through cost. A final site inspection will be conducted by County authorities and any discrepancies will be corrected.

All work, including site restoration and closeout will be concluded within 30 calendar days of notice from the County that the last load of debris has been delivered.

➤ Documentation and Reimbursement

CrowderGulf has been successful in the past in supporting our Clients with accurate and complete documentation records. This documentation is readily available to the County, FEMA, FHWA and any other agency that provides reimbursement. Superior record keeping using the best available technology from the beginning to the end of the project is critical. Financial accountability is maintained throughout the process by using a system of checks and balances that are tied directly to the quantitative documentation originating in the field. Throughout the project, FEMA 325 requirements are followed and serve as the foundation of our documentation and accounting systems.

Documentation for Debris Hauling

In an effort to maximize accuracy of accounting, CrowderGulf utilizes the following system of project controls:

Phase 1 - Truck Certification

All debris hauling trucks are certified in accordance with FEMA 325 regulations. Part of the certification procedure includes truck safety checks. Any trucks not meeting the safety requirements will not be certified until infractions are remedied.



The image shows a 'Truck / Equipment Certification Form' from CrowderGulf. The form includes sections for 'Critical Certification Information' (Truck Number, License Plate Number, Driver's Name, etc.), 'Registration Checklist' (with checkboxes for various safety and equipment requirements), and a 'Measurements' section with tables for 'Cubic Feet' and 'Cubic Yards'. A blue stamp is overlaid on the form, reading 'TRUCK NO. 49993' and 'CUBIC YARDS 30'. The stamp also features the 'C/G' logo.

Documentation procedures include:

- Measuring the interior dimensions of all debris hauling truck beds to determine the measured cubic yard capacity
- Safety and insurance requirements check is part of the certification process
- The County's representative, CrowderGulf and the driver will each retain a copy of the completed *Truck Certification Form*
- All equipment are affixed with placards displaying the owner's name, equipment number and certified capacity
- A Capacity Certification Log is maintained in the field as a quality control tool
- All tower inspectors are provided with a current Capacity Certification Log to enforce the integrity of the valid documentation against the truck placard

Phase 2 - Debris Load Ticket Completion

The term "load ticket" refers to the primary debris-tracking document that records the transport of debris from the original collection point to the DMS or final disposal site. By positioning the debris monitors at each point of the operations (collection, DMS and/or final disposition), the eligible scope of work can be properly documented.

This process includes the following procedures:

- Completion of a multi-part *Debris Load Ticket* for each truckload of debris
- County representative(s) at the loading site(s) will inspect each loaded truck, legibly and accurately record the required information on the ticket and provide the debris hauler with a partially completed ticket
- County representative(s) at the temporary or final disposal site(s) inspection tower take the ticket from the driver and complete the disposal information
- County representative(s) retain the original completed ticket and a copy is provided to the driver and a CrowderGulf representative
- CrowderGulf representatives collect ticket copies and perform the first of many quality control checks
- CrowderGulf field office personnel process the tickets sending electronic copies to the Home Office for additional quality control checks, data entry and storage



Accurate completion of these two phases of quantitative and descriptive debris information is imperative for cost reimbursement and contractor invoicing. When electronic ticketing is used, the above procedures are slightly modified according to the firm acquired, while still maintaining the same quality of information and satisfying requirements.

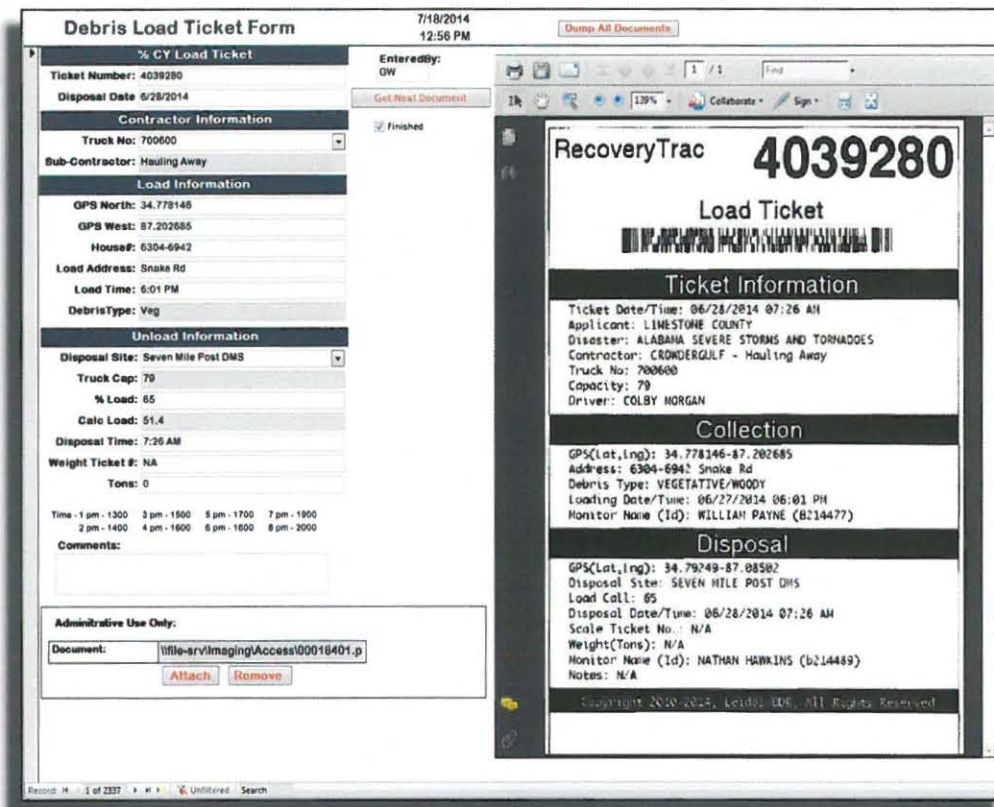
Documentation of Special Projects

There are usually several additional recovery projects besides ROW debris removal and disposal that are required in order to address geographically unique storm damage. Each project is preceded by a specific task order to serve as a formal request to proceed with the project. The Task Order outlines the parameters of the project and establishes the pay rates associated. Detailed documentation that meets FEMA 325 requirements will be kept for each project.

Data Management

CrowderGulf utilizes a comprehensive and seasoned data collection and storage process with all projects. Regardless of whether electronic (ADMS) or paper ticketing documentation is used by the County or representative, CrowderGulf easily adapts data capturing procedures to accommodate all requirements. CrowderGulf's database is specifically designed to capture and track quantitative and descriptive debris data for the entire project while storing ticket images for reconciliation support and audit documentation support.

Here is an example of the CrowderGulf database and document capture capability:



Debris Load Ticket Form 7/18/2014 12:56 PM [Dump All Documents](#)

% CY Load Ticket
Ticket Number: 4039280
Disposal Date: 6/28/2014

Contractor Information
Truck No: 700600
Sub-Contractor: Hauling Away

Load Information
GPS North: 34.778146
GPS West: 87.202685
House#: 6304-6942
Load Address: Snake Rd
Load Time: 6:01 PM
DebrisType: Veg

Unload Information
Disposal Site: Seven Mile Post DMS
Truck Cap: 70
% Load: 65
Calc Load: 51.4
Disposal Time: 7:26 AM
Weight Ticket #: NA
Tons: 0

Time - 1 pm - 1300 3 pm - 1500 5 pm - 1700 7 pm - 1900
2 pm - 1400 4 pm - 1600 6 pm - 1800 8 pm - 2000

Comments:

Administrative Use Only:
Document: \\file-srv\imaging\Access\00016401.p
[Attach](#) [Remove](#)

RecoveryTrac 4039280 Load Ticket

Ticket Information
Ticket Date/Time: 06/28/2014 07:26 AM
Applicant: LIMESTONE COUNTY
Disaster: ALABAMA SEVERE STORMS AND TORNADES
Contractor: CROWDERGULF - Hauling Away
Truck No: 700600
Capacity: 70
Driver: COLBY MORGAN

Collection
GPS(Lat,lng): 34.778146-87.202685
Address: 6304-6942 Snake Rd
Debris Type: VEGETATIVE/WOODY
Loading Date/Time: 06/27/2014 06:01 PM
Monitor Name (Id): WILLIAM PAYNE (b214477)

Disposal
GPS(Lat,lng): 34.79249-87.08502
Disposal Site: SEVEN MILE POST DMS
Load Call: 65
Disposal Date/Time: 06/28/2014 07:26 AM
Scale Ticket No.: N/A
Weight(Tons): N/A
Monitor Name (Id): NATHAN HARRINS (b214489)
Notes: N/A

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Technology has made documentation, reconciling and invoicing a more efficient, transparent process that can help expedite FEMA reimbursement. However, the technology is only as good as the people using it. CrowderGulf has capable, well-trained personnel with the commitment to ensure functionality and accurate information on a continuous basis. CrowderGulf has these qualified, committed personnel full-time throughout the year ready to provide documentation support even years after the project is complete.

Monitoring Companies and Electronic Ticketing

CrowderGulf has vast experience working with several monitoring companies and are familiar and compatible with their programs, processes and procedures. It is important that to the Client that CrowderGulf and Client representative (i.e., monitoring company) establish and maintain a positive and professional rapport throughout the project. This is necessary in order for the communication flow to be open with the central focus of making sure all documentation for eligible work is accurate and complete.

Reports and Information

Reports display tracking of debris through work completed to aid and support ongoing project planning. CrowderGulf has the capability and know how to conform reports to the unique specifications of any project or even portions of a project. Reports can be developed quickly to capture specific County requested data. These reports serve as a valuable tool to everyone in decision making throughout the recovery process.

We can provide the County with the following daily and weekly reports (at a minimum):

- Total cubic yards hauled
- Total cubic yards of vegetative debris hauled
- Total cubic yards of C&D debris hauled
- Total cubic yards of Stump debris hauled
- Total leaners or hangers cut
- Total cubic yards of mulch debris hauled
- Total cubic yards hauled to each DMS
- Other customized reports as requested

Reports may be provided in Excel format, Word format or PDF format.

Reconciliation and Invoicing

An important aspect of the documentation process is the reconciling of all the truck certifications and load tickets prior to invoicing. CrowderGulf has earned a solid reputation with clients and monitoring firms by working closely with them to ensure that data reconciling is completed before invoicing. Whether reconciling with a monitoring company or with our clients direct, our database has all the information needed to expedite this process.

DATE	TICKET#	DEBRIS TYPE	DELIVERED TO	TRUCK #	CAPACITY	% LOAD	LOAD (CY)
9/6/2011	B104106	C&D	Stump Point	033084	49.00	65	26.95
9/6/2011	B104109	C&D	Stump Point	033084	49.00	60	29.40
9/6/2011	B104274	Vegetative	Stump Point	033075	72.00	65	46.80
9/6/2011	B104275	Vegetative	Stump Point	033076	59.00	65	38.35
9/6/2011	B104276	Vegetative	Stump Point	033079	58.00	70	40.60
9/6/2011	B104277	Vegetative	Stump Point	033080	49.00	70	34.30
9/6/2011	B104278	C&D	Stump Point	033077	53.00	70	37.10
9/6/2011	B104279	Vegetative	Stump Point	033078	49.00	70	34.30
9/6/2011	B104280	Vegetative	Stump Point	033077	53.00	70	37.10
9/6/2011	B104281	Vegetative	Stump Point	033078	49.00	70	34.30
9/6/2011	B104282	Vegetative	Stump Point	033077	53.00	70	37.10
9/6/2011	B104283	Vegetative	Stump Point	033078	49.00	70	34.30
9/6/2011	B104284	Vegetative	Stump Point	033077	53.00	70	37.10
9/6/2011	B104285	Vegetative	Stump Point	033078	49.00	70	34.30
9/6/2011	B104286	C&D	Stump Point	033075	49.00	65	31.85
9/6/2011	B104287	C&D	Stump Point	033077	53.00	55	29.15
9/6/2011	B104625	C&D	Stump Point	033083	50.00	85	42.50
9/6/2011	B104626	C&D	Stump Point	033084	49.00	85	41.65
9/6/2011	B104627	C&D	Stump Point	033083	50.00	75	37.50
9/6/2011	B104628	C&D	Stump Point	033084	49.00	80	39.20
9/6/2011	B104629	C&D	Stump Point	033083	50.00	80	40.00
9/6/2011	B104630	C&D	Stump Point	033084	49.00	80	39.20
9/6/2011	B104631	Vegetative	Stump Point	033083	50.00	70	35.00
9/6/2011	B104632	Vegetative	Stump Point	033084	49.00	65	31.85

After reconciliation is complete, it is time for invoicing. All invoices are fully supported by load tickets and other required documentation. CrowderGulf is very flexible in generating invoices. Invoices can be provided in different ways such as a dollar amount limit per invoice, designated work period on an invoice (i.e. one week per invoice) or single task invoices. CrowderGulf strives to accommodate by adapting to preferred formats and preferences.

Having reconciled the data prior to invoicing makes the invoicing documents easier to read from FEMA's standpoint and speeds up the audit or reimbursement process. Schedules for invoicing are usually outlined in the contract. Many times, due to the severity of the disaster and the available resources by the County the payment schedule may be modified to allow more time to pay the invoices. CrowderGulf is able to accommodate these situations due to our strong financial stability.

Documentation Maintenance

CrowderGulf maintains all documentation for a period of at least 7-10 years, depending on the requirements. All tickets and truck certifications, task orders, and any other pertinent documentation are kept in both hard copy and electronic format. Having all documents in an organized electronic file allows for easy access if and when FEMA audits the work.

FEMA Requirements and Assistance in the Reimbursement Process

CrowderGulf works closely with all regulatory agencies to assure minimum issues in our disaster management efforts. Over the past 20 years, 98% of CrowderGulf's work has been with Cities, Counties, States and Agencies that received reimbursement from FEMA under the Public Assistance (PA) Reimbursement Program. As a result of our success in documenting all aspects of the debris management process to support reimbursements, CrowderGulf has established itself as one of the most respected debris contractors in the United States.

"I would like to Thank you all, Ashley and her staff, for all of your help in providing information and documentation needed to close out our 2004/2005 Hurricanes with FEMA. It is comforting to know that we can rely on your company to provide accurate information 4 to 5 years after the fact."

*Jesse Wright, Village Supervisor
Village of Wellington, FL*

As an example of our commitment to Clients, in June, 2010, a CrowderGulf Client requested assistance with a FEMA audit for work completed in 2005, after Hurricanes Katrina and Wilma. Consequently, one of our senior managers spent four weeks working onsite with the Client, as well as 1,000 plus hours of work time on the project researching and preparing documentation requests for FEMA. All of our time and assistance was provided to the Client at no cost. This is how every client is treated. CrowderGulf is committed to 'going to the mat' with them to make sure that our documentation is complete, accurate and provided in whatever format FEMA requests.

CrowderGulf's former FEMA Directors, Emergency Managers and FEMA trained Debris Specialists are available to assist in complying with FEMA guidelines and completing all documentation required by FEMA, FHWA or the Office of Inspector General. **Our Staff is well versed in the Code of Federal Regulations (44 CFR), FEMA's Public Assistance Program and Policy.**

CrowderGulf will share its knowledge and experience concerning reimbursement matters. The goal is to obtain maximum reimbursement by utilizing extremely accurate record keeping and exacting quality control measures. Specifically, CrowderGulf will assist the County with the following:

- Developing Project Worksheets
- Estimating debris volumes for initial damage assessment
- Identifying eligible and ineligible reimbursements
- Documenting every element of the recovery process
- Reviewing all records to assure that they meet federal and state reimbursement guidelines
- Providing various levels of training for County employees
- Documenting all facets of work to support the claim process
- Maintain all documents for 7-10 years

Reimbursement

CrowderGulf is committed to completing any emergency management and recovery project for the County in the minimum amount of time and at the best price possible. We work in full regulatory compliance with all agencies involved in disaster recovery including but not limited to:

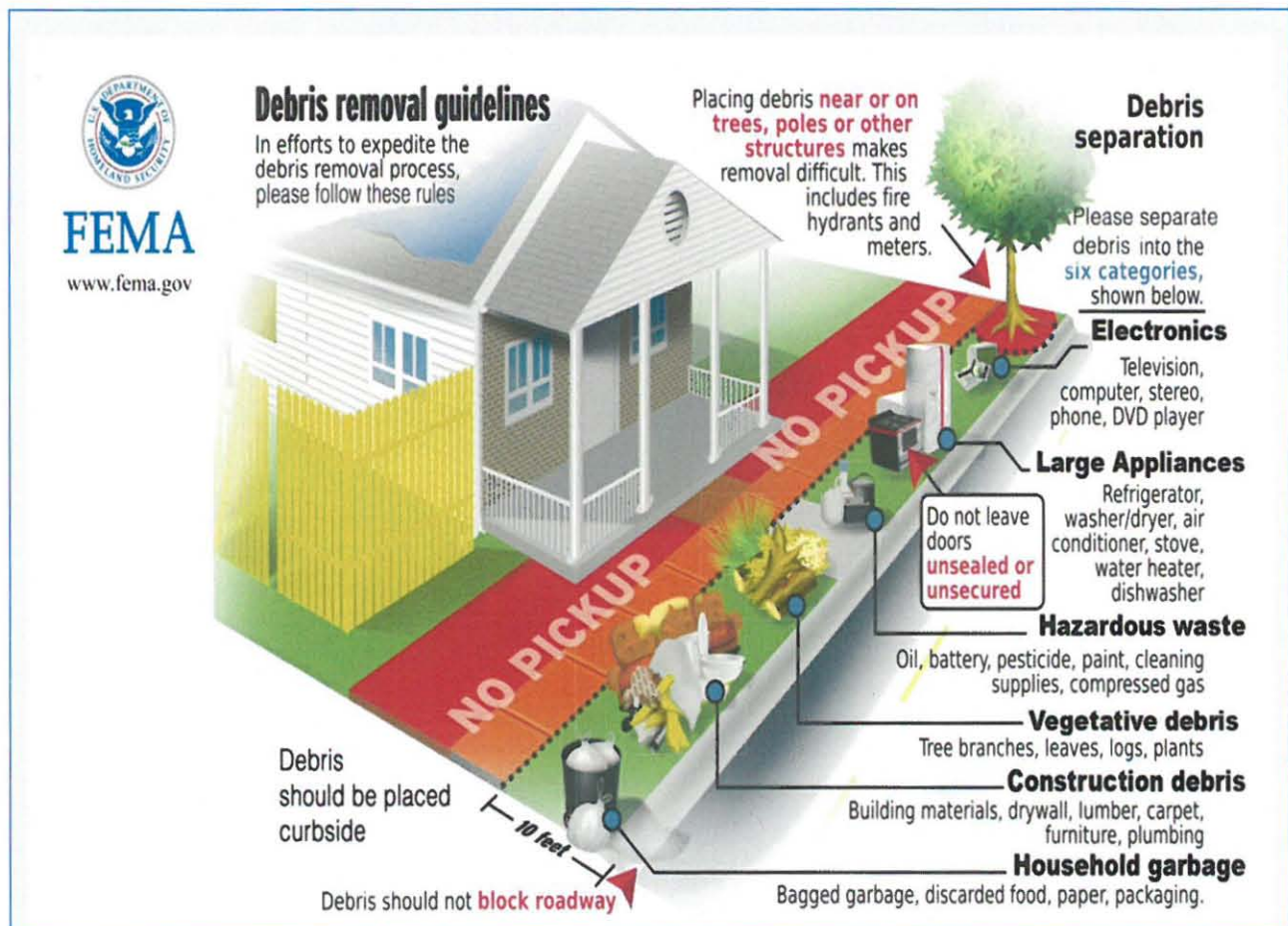
- Federal Emergency Management Agency (FEMA)
- Federal Highway Administration (FHWA)
- Environmental Protection Agency (EPA)
- Florida Department of Environmental Protection (FDEP)
- United States Coast Guard (USCG)
- United States Corps of Engineers (USACE)
- Florida Department of Public Health (FDPH)
- Florida Department of Transportation (FLDOT)

Maximizing Reimbursements under the Sandy Recovery Improvement Act (SRIA) Program

FEMA's SRIA program is intended to increase the effectiveness of debris removal by providing incentives to subgrantees (counties/municipalities) who choose to take advantage of all or only parts of the program. CrowderGulf's Management Team are very experienced in working within the guidelines of FEMA's Public Assistance program and the new Pilot program initiatives. CrowderGulf is available to assist clients in taking advantage of the alternate procedures of the Pilot program.

Currently, FEMA has extended the Public Assistance Alternative Procedures for Debris Removal until June 27, 2019. However, to meet FEMA's strategic Plan objectives to streamline the grantee experience, and simplify program delivery, the Agency is discontinuing the Recycling Revenues and Sliding Scale procedures because they were not meeting the goals established in the Sandy Recovery Improvement Act. FEMA continues to promote the use of Straight Time and Force Account Labor incentives. CrowderGulf is prepared to assist the County in taking advantage of the remaining program initiatives.

SRIA Program Incentives for Subgrantees	CrowderGulf's Capabilities and Commitment to Clients(subgrantees)
<p>Straight Time and Force Account Labor: When a subgrantee has elected to participate in the Straight-Time Force Account Labor Procedure to perform all or part of the debris removal operations, FEMA will reimburse the base wages with associated fringe benefits as well as any overtime labor costs and the hiring of additional staff.</p>	<p>CrowderGulf will work directly with clients to augment the client's staff. This may be accomplished by dividing the client's damaged area into segregated or zone areas. Specific zones can be assigned to CrowderGulf crews for debris removal. Other zones will be designated for the client to use force account labor to remove debris. This partnership can expedite debris removal and allow for client crews to remain active and working when normal work could be delayed or be non-existent, due to disaster conditions.</p> <p>CrowderGulf has always maintained that our relationships with clients are invaluable. No job is too small and we have never failed to fulfill any contractual obligations.</p>
<p>Debris Management Plan Procedure: If a subgrantee has a FEMA - accepted Debris Management Plan and one or more pre-qualified debris removal contractors before the start date of a declared incident, the subgrantee may elect to receive the one-time <u>2%</u> federal cost share increase incentive. This program is limited to the first 90 days of debris removal, beginning the first day of the incident period.</p>	<p>CrowderGulf is intimately familiar with the new FEMA Debris Management guidelines and will work with our clients to collaborate on the development of their Plan and provide assistance in review and updates each year.</p> <p>In addition, CrowderGulf will work diligently with our clients to maximize our resources in order to remove debris as quickly and safely as possible in order to support our clients in taking full advantage of this cost saving measure.</p>



ESSENTIAL SUPPORT FUNCTIONS

➤ Readiness Support and Training

CrowderGulf's long and successful history of disaster response and recovery success is, in a large part, a result of continuous Readiness Planning and Training. CrowderGulf is dedicated to a year-round cycle of preparation, practice, review and analysis to refine our procedures and processes. We strive for continuous improvement with the goal of exceeding expectations where it matters, in project execution.

Joint training and pre-planning with the County will be an important part of Readiness Planning. **On at least an annual basis, CrowderGulf specialists will provide training and pre-planning sessions.** In addition, our Debris Reduction specialists will be available to review and advice on potential DMSs. Preparedness training will be tailored to the County's needs and requests.

Usually, training will consist of all or some of the following topics:

- General understanding of the disaster declaration process
- Understanding the importance of thorough documentation in all processes
- Contract scope of work & scope of work timeframe
- FEMA debris removal eligibility & FEMA required documentation
- Responsibilities of the County & the contractor for debris management
- Pre-event actions
- Management team roles & responsibilities
- Initial response & recovery operations
- Debris removal & monitoring functions
- Truck certification process
- Documentation
- Close out & reimbursement

Training and pre-planning sessions are designed by the needs of each individual Client. For example, if our Client is preparing their own session and would like CrowderGulf to prepare material for discussion for a particular time slot, material such as handouts and PowerPoint presentations are created to present to the attendees based on the discussion topic provided by the Client. This type of involvement is usually requested by Clients who have knowledgeable staff who are experienced in the debris removal process and only need a quick overview of a particular topic.

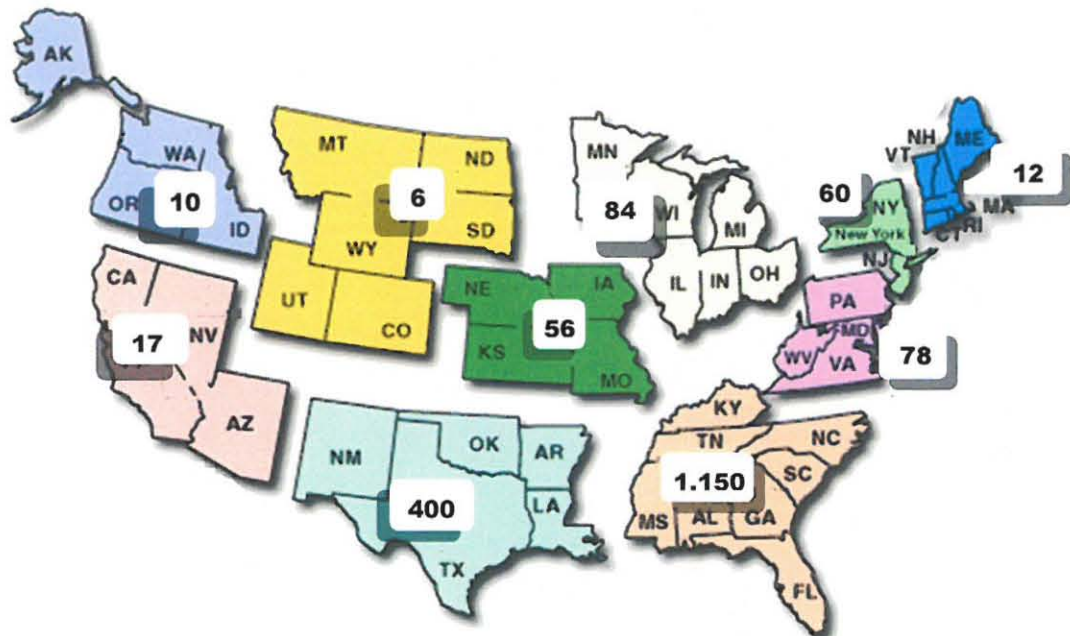
CrowderGulf also provides a more in depth session for the Clients who need training and plan development specific to their geographical location. CrowderGulf is experienced in assessing the needs of each Client and providing the knowledge and training needed for a successful event. In these situations, CrowderGulf provides in depth training and plan development through PowerPoint presentations, handouts and table top exercises. During the in depth training and planning sessions, CrowderGulf can offer assistance in helping the decision makers make informed decisions regarding such things as DMS needs and locations, County disaster debris team members and their roles, whether it is in the best interest of the Client to acquire a monitoring firm, and identifying any other concerns that may not have been previously identified.

➤ Subcontracting

It is company policy to utilize **qualified local subcontractors** to the maximum extent possible in **compliance with 44 CFR 206.10**. Per Client compliance requirements under **44 CFR 13.36(e)**, CrowderGulf, as Prime Contractor, will take all affirmative steps required to assure that minority firms, women's business enterprises, and labor area surplus firms are used when possible.

In addition, we maintain a national subcontractor **database of over 1,800 pre-qualified subcontractors**, which allows us to identify companies by size, equipment and geographical location. Prospective subcontractors may visit our website, www.crowdergulf.com, to register or may fax information to the Disaster Administration Office for review. Due to CrowderGulf's reputation of always treating our subcontractors fairly and paying them on a weekly basis, we have a surplus of subcontractors throughout the nation ready to work at a moment's notice.

The graphic below gives a breakdown of the number and general region that we have registered subcontractors. The number changes periodically as new subcontractors register on our website. For several reasons this number grows after a major disaster.



Subcontracting Practices

It is the practice of CrowderGulf to subcontract debris work and services using the following guidance:

1. Subcontract to the maximum extent possible with local firms and small businesses. In addition, preference will be given to qualified local vendors for equipment rental and supplies sourced in the jurisdictional boundaries.
2. Promote the use of local contracting by tasking a senior manager to assure notification through local media and organizations.
3. Promote subcontracting only with the assured compliance with equal opportunity hiring.
4. Provide all subcontractors a clear chain of command for purposes of official and/or unofficial communications.
5. Accept, process and pay invoices of subcontractors in accordance with the CrowderGulf policy.
6. Provide priority subcontracting considerations to/for subcontractors that have provided quality work to CrowderGulf in past operations – consistent with the subcontracting policy.

“Mr. Campbell and Mr. Ramsay have been wonderful to work for, and a thrill to be around. The entire CrowderGulf organization is very impressive, and I am amazed by how efficient CrowderGulf operates. Thank you CrowderGulf for allowing me to work for you all and I hope that in the future I can work for CrowderGulf again.”

CrowderGulf Subcontractor

7. CrowderGulf does not have a set-aside percentage of subcontracted work for any particular classification of subcontractor, but will give special attention to small, disadvantaged firms and/or women owned small business firms for contract work or services needed.
8. CrowderGulf is committed to promoting the use of small minority, disadvantaged firms and/or women-owned small business firms for contract work, whenever and wherever possible.
9. We currently maintain an active pre-qualified subcontractor database, tracking current certifications of local and regional D/M/W/SBE qualified subcontractors. Subcontractors can mail, fax, e-mail or log on to www.crowdergulf.com to submit their company information for review. If necessary, we will use additional outlets such as newspapers, publications, websites, etc.
10. As required by each awarded contract, CrowderGulf will meet or exceed goals and expectations on the local minority workforce population and the utilization of minority professional firms, consultants and/or suppliers. CrowderGulf will maintain all requirements set forth by the Client.

Subcontracting Policy

It is standard policy that all subcontractors comply with all of the contractual conditions and commitments of CrowderGulf. As such, all subcontractors shall agree to the following:

1. Enroll in the E-Verify program and provide acceptable evidence of enrollment at the time of subcontract execution. Acceptable evidence consists of a copy of the properly completed E-Verify Company Profile page or a copy of the fully executed E-Verify Memorandum of Understanding for the company. It shall be the **Subcontractor's** responsibility to familiarize themselves with all rules and regulations governing this program.
2. Read and formally acknowledge by signature the CrowderGulf Contract for subcontractors and Safety Manual as provided by CrowderGulf.
3. Provide satisfactory evidence of bonding and licensing that complies with contract and jurisdictional requirements.
4. Provide assurances that no current owner, principal or officer of the firm is or has ever been debarred by the state and/or federal government.
5. Obtain and furnish satisfactory evidence of required insurance from a responsible insurer.
6. Give all notices and fully comply with all local, state and federal laws – including, but not limited to, social security, workers compensation and unemployment insurance, DOT, etc.
7. Begin work to be performed within two full workdays after a subcontractor is notified of a subcontract award, unless otherwise stipulated in the subcontract arrangements. The subcontractor will pay for all materials, equipment and labor used in the performance of the subcontract(s).
8. In the event a subcontractor makes an untimely start, or is unable to supply sufficient skilled workmen, equipment or materials to satisfy the subcontract arrangements, CrowderGulf may terminate the employment/contract of the subcontractor for cause.
9. Take all reasonable safety precautions with respect to contracted work, complying with all safety, workplace standards and environmental measures as directed by CrowderGulf.
10. Furnish periodic progress reports on the work as directed by CrowderGulf, plus use the debris reporting system selected by CrowderGulf.
11. Provide CrowderGulf with progress payment billings (as agreed in the respective subcontracts).
12. Final payments to subcontractor(s) may be deferred pending receipt of contractual or statutory lien waivers, releases, closeout documents or other encumbrances.
13. Other stipulations may apply as may be required by unique local conditions.

Understanding Requirements

CrowderGulf takes several steps during the proposal preparation process to ensure local subcontractor participation as well as M/WBE utilization policies and 44 CFR 13.36(e) compliance are met. Understanding exactly what the Client is requesting during this initial proposal phase is key to implementation upon activation. In order to clearly define the expectations required we take several preliminary steps. The first step is to review M/WBE policies and procedures to determine specific goals set by the Client. Our second step is to determine utilization breakdowns required. Lastly, we identify all required certifications and/or M/WBE directories to be used for soliciting M/WBE firms and any further breakdowns of percentage goals. Once these steps are completed and we have a clear understanding of all requirements we continue with the following process:

Steps in the Process:

1. Before any subcontractors are solicited, CrowderGulf compiles a list of local subcontractors from our Database of pre-qualified subs. These companies have either worked for CrowderGulf and are in good standing, have registered with us through our website, www.crowdergulf.com, or have been previously solicited by CrowderGulf. All subcontractors must meet the following requirements to be considered for prequalification:
 - a. Verification through one or more of the following websites:
 - The **System for Award Management (SAM)** is a **Federal Government owned and operated** free web site that consolidates the capabilities in CCR/FedReg, ORCA, and EPLS. SAM is used to review all subcontractors' debarred status prior to approval as a prequalified subcontractor (<https://www.sam.gov/>)
 - SBA HUBZone Search-confirmation, (http://dsbs.sba.gov/dsbs/search/dsp_searchhubzone.cfm)
 - Dun and Bradstreet, (<https://sso.dnbi.com>)
 - b. Enroll in the E-Verify program and provide acceptable evidence of enrollment at the time of subcontract execution. Acceptable evidence consists of a copy of the properly completed E-Verify Company Profile page or a copy of the fully executed E-Verify Memorandum of Understanding for the company. For additional information regarding the Employment Eligibility Verification System (E-Verify) program visit the following website: <http://www.dhs.gov/E-Verify>. It shall be the **Subcontractor's** responsibility to familiarize themselves with all rules and regulations governing this program.
 - c. Obtain and furnish satisfactory evidence of required insurance from a responsible insurer.
2. If specific directories are to be used, CrowderGulf will check the Client website for directory access or contact the M/WBE Office for a list of potential M/WBE firms to be utilized then compare this list to our current list of local prequalified subcontractors to find possible matches.
3. Contact is then made with M/WBE firms that offer services similar to our scope of work. Initial contact is made by phone then followed up by fax and/or email, confirming the phone conversation.
4. Emailed and/or faxed correspondence provides MBE firms with specific details regarding the request, i.e., scope of work directly from the RFP documents, registration and requirements information, and specific deadlines for submittal of these documents to the CrowderGulf M/WBE Subcontracts Manager.
5. Should letters of intent from interested firms and further proof of M/WBE certifications be required by the Client, CrowderGulf will compile the received documentation and review for completeness.
6. Only those firms that have met set deadlines and returned all requested documentations will be considered for inclusion in final proposal to the Client as a responsive M/WBE Firm.
7. All contacted firms are listed in proposal and delegated either responsive or non-responsive and the reason for this status.
8. Should the appropriations assigned to the responsive M/WBE firms not meet the Client's percentage goal, firm percentages will be adjusted and executed by both parties upon mutual agreement.
9. Once the RFP evaluation process is complete and award notices are received, these M/WBE firms are notified of results and any additional documentation is requested to keep in the Client's file.
10. Current CrowderGulf client folders are updated yearly with current local pre-qualified subcontractors as well as M/WBE firm confirmations.
11. Upon Client activation, if any of the proposed local M/WBE firms are no longer able to fulfill assigned goals, CrowderGulf will identify other certified M/WBE firms to replace inactive M/WBE firms to maintain our proposed percentage goals. CrowderGulf will provide a detailed explanation as well as further commitments from other M/WBE certified subcontractors to perform scope of work in lieu of previously committed Subcontractors.

Reporting

With the nature of "Stand-By" event contracts being on an "as needed" basis, utilization/activation of the identified M/WBE firms will be based on CrowderGulf's activation by Client. Should the Client have yearly or quarterly reports to be submitted, CrowderGulf will file the needed reports upon request.

Good Faith Effort

As required by each awarded contract, CrowderGulf will meet or exceed goals and expectations on the local minority workforce population and the utilization of minority professional firms, consultants and/or suppliers. CrowderGulf will maintain all requirements set forth by the County to maintain compliance with **44 CFR 13.36 (e) and FEMA Super Circular 2 C.F.R. Chapter 2, Part 200.**

Affirmative Steps Include:

1. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
2. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
3. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
4. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and
5. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Subcontractor Oversight

In the past, CrowderGulf has mobilized over **300** subcontractors with as many as **3,000 people, 1,600 trucks, and 600 pieces of loading equipment**. To assure the same quality control and efficient operations for the County, CrowderGulf's management team will rely on NIMS management protocols to identify the proper number of supervisors for each debris management operation. CrowderGulf is fully prepared to marshal as many Field Project Managers and Debris Supervisors as needed to meet the County's debris management requirements. Project Managers and Field Supervisors will have the direct responsibility to ensure all workers have received the proper safety training and education on Federal Rules and Regulations as they pertain to debris removal operations.

Subcontractors (including M/SBE)

See enclosed a partial list of qualified Subcontractors. A current qualified subcontractor list will be provided to the County for pre-approval prior to an event upon request.

Potential Franklin Co Subcontractors 2018	Address	City	ST	Zip	smBus	MWBE / HUB / VET / SDB	Push Crew	Dump Trucks	PickupWDumpTr	Knuckleboom	Wheel Loaders	HalfTonPickupTruck	Hydraulic Excavators	TrailerMountedFloodlight	LowbedTrailerWTractor	WaterTruck	AirCurtainBurner	BackhoeWLoader	Dozers	MotorGrade12ftBlade	Chipper	Tub Grinders	Self Loaders	Skid Steers	CDWalkingFloors	Mulch Trailers	Bucket Trucks	Barges	Workboats	Vac Trucks
814 Sand Inc	12030 Hwy 77	Southport	FL	32409		X	1	4	2		7	6	5			1		1	3	1										
A & K Septic Tank & Portable Toilets	4720 Minnetonka St.	Pensacola	FL	32526	X																									
AARK Enterprises, Inc.	P.O. Box 510	Vernon	FL	32462																										
Abaco Restoration	P.O. Box 15414	Panama City	FL	32406	X						2	5	1										4	2						
Aerotek (Florida)	100 West Garden St	Pensacola	FL	32502																										
AK Triple E, Inc.	1610 Woodlawn Way	Gulf Breeze	FL	32563	X				1		1		1		1			1				1		1						
AW Tree and Landscaping Service, LLC	8250 Briese Lane	Pensacola	FL	32514		X		1		1																				
Azland Recycling and Waste	PO Box 550	Freeport	FL	32435	X	X		1			2							2												
Beachway Contractors, LLC.	365 Campbells Rest Rd	DeFuniak Springs	FL	32433	X				3				1																	
BKW, Inc.	5615 Duval St	Pensacola	FL	32503	X	X	1	4	3		2	1	2		1	1			1	1				3						
Disposal Services, LLC.	3634 HWY 231	Panama City	FL	32404	X			10			1	8	3	2	3			3	1				4							2
Dwight Hicks, Inc.	500 Harrison Ave.	Panama City	FL	32401																										
Eager Beaver LLC	5202 Gulf Breeze Pkwy	Gulf Breeze	FL	32563		X	1	6			4	1	1	1	1						5			5			4			
ESA South, Inc.	1681 Success Dr	Cantonment	FL	32533	X	X				3	6						1							2	4	2				
GB Green Construction Management	1720 W. Fairfield DR, Ste 507	Pensacola	FL	32501	X	X	1	10			1		1		1				1			1	2							
Grahams Welding & Fabrication, Inc.	94 Ready Ave. B#7	Ft Walton Beach	FL	32548	X	X																								
Guide	17119 Perdido Key Dr. #E33	Pensacola	FL	32507	X																								1	
Gulf Coast Utility Contractors, LLC	P. O. Box 8170	Panama City	FL	32409			1	11			8		10		3		1	3	6	1				2						1
Gulf Marine Construction, Inc.	1232 N. Pace Blvd.	Pensacola	FL	32505	X		1					3	1		1								1					2	2	
H & H Trucking and Tree Service, LLC	4695 N. Hwy.71	Wewahitchka	FL	32465	X		1			3														2			2			
HighSteele Landscaping	5113 Bradford Dr	Milton	FL	32571					2				2	1										2						
Iron Dog, Inc.	10483 NW Gray Rd	Clarksville	FL	32430	X	X	1	6	2	1	1		3	1	2			2						3						
Keith H Fendley	7310 W Jackson St	Pensacola	FL	32506	X																	1								
Kevin D. Pugh, Site & Dozer Works, LLC	5731 Stewart Rd	Walnut Hill	FL	32568		X	1				2		3	1		1	1	1	1	1	1		3							
Landrum Staffing Service	6723 Plantation Rd.	Pensacola	FL	32504																										
Long Shot Transporting	13970 State Hwy 20 W	Niceville	FL	32578	X			9				3												4						
Mark Kirkland Construction Services, LLC	3680 Charmaine Dr. B	Pensacola	FL	32526	X		1	5			2		1																	
Mike Turner's Vinyl Siding Inc.	5261 Crowson Rd	Pensacola	FL	32526		X		6	8	1	2	4	2	3									2							
Morgan Marine Salvage & Recovery, LLC	288 Marsh DR	Freeport	FL	32439	X		1						5		1			1						1				4	6	
New View Land Clearing	1609 Deer Ave	Panama City	FL	32401	X		1		1		1	1	3		2									3						4

Potential Franklin Co Subcontractors 2018	Address	City	ST	Zip	smBus	MWBE / HUB / VET / SDB	Push Crew	Dump Trucks	PickupWDumpTr	Knuckleboom	Wheel Loaders	HalfTonPickupTruck	Hydraulic Excavators	TrailerMountedFloodlight	LowbedTrailerWTractor	WaterTruck	AirCurtainBurner	BackhoeWLoader	Dozers	MotorGrade12ftBlade	Chipper	Tub Grinders	Self Loaders	Skid Steers	CDWalkingFloors	MulchTrailers	BucketTrucks	Barges	Workboats	VacTrucks
North Florida Land Prep Inc.	11407 Hwy 2301	Youngstown	FL	32466	X			2	4			4	3		1			1	2		1		1	4						
Pate Farms	2331 Horseshoe Loop	Bonifay	FL	32425	X	X			2				1		1				1					1						
PBrown Builders, LLC	4231 Cherry Laurel DR	Pensacola	FL	32504	X	X	1	2	2		1																			
Pensacola Environmental Services, Inc.	P.O. Box 34450	Pensacola	FL	32507	X	X	1		3			1	1															5	6	
Pensacola Tree Service	7085 Frank Reeder Rd	Pensacola	FL	32526	X			2			1	2												1			1			
Plant Welding Service Inc	5774 W. Spencer Field Rd	Pace	FL	32571	X		1		1		2	2			2															
Precision Emergency Response LLC	2251 Hwy 173	Bonifay	FL	32425		X	1	16	20		7		8		2	2	3		6	1		4		9				4	4	
Prestwood All-Pro Services, Inc.	8485 Eight Mile Creek Rd	Pensacola	FL	32526																										
RBM Contracting Services	PO Box 2174	Santa Rosa Beach	FL	32459	X		1	5			2	5	3		2	1		2										2	1	
RCG Enterprises, Inc.	1504 W. Intendencia St	Pensacola	FL	32501	X	X		16			20		19					5				1		12						
Register's Enterprises of Bay County, LLC	9323 N. hwy 231	Panama City	FL	32404	X		1	2			2	3	4		2	1		3			1	1			4					
Rimax Contractors	108 W. Mallory St.	Pensacola	FL	32501																										
River Bend Trucking	2355 Horseshoe Loop	Bonifay	FL	32425	X	X		3	1	1	3																			
RME-Diver Commercial Diving LLC	109 Oak Ridge Place	Panama City	FL	32408	X	X																								
Rouse Stump Grinding LLC	841 Springtime St.	Wewahitchka	FL	32465						1																				
Sean McKnight & Sons Landscaping	4200 Langley Ave.	Pensacola	FL	32504									2																	
Smith & Associates, LLC	P.O. Box 1084	Gulf Breeze	FL	32562	X	X		1	1		1	1		2																
Snelling Personnel Services	1613 St. Andrews Blvd.	Panama City	FL	32405	X	X																								
Solar Recycling	7508 Klondike Rd	Pensacola	FL	32526	X				1															1						
Sound Off Audio	15176 NW Magnolia Church Rd	Altha	FL	32421	X										1															
Sterling Tree Services, Inc.	8500 Lillian Hwy.	Pensacola	FL	32506	X	X	1	3															1	3						
Superior Waste & Land Clearing	8804 Sonnyboy Ln	Pensacola	FL	32514				3			4		2		2									2						
ThomCo Enterprises, Inc.	745 Hollywood Blvd. NW	Ft Walton Beach	FL	32548	X	X																								
Tindle Enterprises, Inc.	P.O. Box 969	Freeport	FL	32439	X	X	1	33		2	20	29	21	3	3	2		3	16	2	1			4						
Top Flight Mowing, LLC	2243 Cricket Ridge Dr	Cantonment	FL	32533	X	X	1	7	2	1	1				1				1				1	3						
Turn Key Marine Services, LLC	646 Anchors St NW #2	Ft Walton Beach	FL	32548																								3	3	
AAA Tree Experts, Inc.	3610-1 N. Monroe St	Tallahassee	FL	32303	X		1			3		2			2													3		
Ag-Pro	2890 Industrial Plaza Dr.	Tallahassee	FL	32301																										
Ailin Macias, LLC	1610 Linwood Ave	Ft. Pierce	FL	34982	X	X				2													1							
B & P Trucking & Custom Services	15820 141st Rd	McAlpin	FL	32062	X	X	1	1			1		1		1			1						1						
Big Bend Palms	113 11th St SE	Steinhatchee	FL	32359	X	X	1			1		2																		
Big Top Manufacturing, Inc.	3255 US 19 N	Perry	FL	32347																										
Bill Christensen	8818 93rd Rd	Live Oak	FL	32060	X			7	2	2	6		1	3				2			1		5	3			2			
Boyd Brothers	930 NE Magnolia Rd	Branford	FL	32008	X		1	3			2	1			1															
Bryant Tree Service	9368 132nd Terrace	Live Oak	FL	32060	X		1	1	1		1	1										1					1			

Potential Franklin Co Subcontractors 2018	Address	City	ST	Zip	smBus	MWBE / HUB / VET / SDB	Push Crew	Dump Trucks	PickupWDumpTr	Knuckleboom	Wheel Loaders	HalfTonPickupTruck	Hydraulic Excavators	TrailerMountedFloodlight	LowbedTrailerWTractor	WaterTruck	AirCurtainBurner	BackhoeWLoader	Dozers	MotorGrade12ftBlade	Chipper	Tub Grinders	Self Loaders	Skid Steers	CDWalkingFloors	MulchTrailers	BucketTrucks	Barges	Workboats	VacTrucks
C.P. Farms	9555 140th St	Live Oak	FL	32060	X																									
Cameron's Disaster Relief, LLC	7775 150th St	Live Oak	FL	32060	X			1	8			2	3					1						1						
Cason's Tree & Tractor Service	215 SW Gazelle Glen	Fort White	FL	32038	X			1		1	3				1							3	1			1				
Chason Helle LLC	P.O. Box 15603	Tallahassee	FL	32317	X				2				1											1						
CJW Transport Inc.	32 Walker Rd	Quincy	FL	32352	X	X	1	4			1		1		2			1	1	1										
Cricket's Tree Service	6392 Fitz Ln	Tallahassee	FL	32311	X																									
Custom Pine Straw	2669 NW County Rd 138	Branford	FL	32008																										
David L Cochran Foods LLC	5007 Center Dr	Tallahassee	FL	32305																										
Diamond W Land Clearing	7133 Wiggins Rd	Live Oak	FL	32060	X	X					1																			
Florida Developers, Inc.	642 W. Brevard St	Tallahassee	FL	32304	X	X	1	6			3	3	1		1			1	2											
Hale Contracting Inc	1736 Commerce Blvd	Midway	FL	32343		X	1	22	1		2	4	3	2	2	1		1	1					1						
Lyons Site Construction, LLC	4144 284th Terrace	Branford	FL	32008	X			2			1	2	2							1				1						
M & M Services	324 Copeland St	Tallahassee	FL	32304		X	1	5	5	2		2			1			1						1						
Miller Tree Service	4951 Woodlane Cir	Tallahassee	FL	32303	X	X			1			5										4					4			
MLP Tractor Work LLC	4901 Woodville Hwy	Tallahassee	FL	32305	X	X	1	3			3	1	1		1			1	1											
Myers Lawn Maintenance	3961 Bourbon street	Tallahassee	FL	32303	X		1		2															1						
Pablo Macias	4403 Garner Ct	Ft. Pierce	FL	34947	X																									
Premier Tree Service, LLC	7084 Ox Bow Rd	Tallahassee	FL	32312	X				1															1						
S & D Land Clearing	504 NE 162nd Street	Cross City	FL	32628	X		1				4	5	4		1															
Sanders Land Clearing	18353 114th Place	Live Oak	FL	32060	X		1				1																			
Scion Management Solutions	53 Bridle Gate DR	Crawfordville	FL	32327	X	X																								
Solomon Construction Co	414 Caldwell St	Quincy	FL	32351		X	1	7	1	1	8	5	7	2	1	2		3	6	2	1	1		1						
Stege Contracting Corp.	3849 Killeam Court, Ste. B	Tallahassee	FL	32309	X		1	4	1	1	7	4	2		1		1		2											
Sunshine State Builders, LLC	1055 Lonnie Raker Ln	Crawfordville	FL	32327	X		1		1														1	1						
Suwannee River Pine Straw	616 NE 151st Ave	Old Town	FL	32680	X		1	1	3	1	2		1		2			3						2						
Total Recall Recycling Services	3691 Bourbon St	Tallahassee	FL	32303	X	X	1		1						1									1						
Tri-County Tree Services, Inc	15616 CR 137	Wellborn	FL	32094	X		1			3														1						
Tri-Star Diversified Industries, Inc.	303 SW Cottage Gln	Lake City	FL	32024	X			4		1			2		1															
United Epic Group, Inc	1529 Twinlakes Cir	Tallahassee	FL	32311	X	X	1		1																					
Wade's Baled Pine Straw	20839 CR 137	Lake City	FL	32024	X		1			2		4		4	8									2						
Warren Pinestraw Company, Inc	7327 US Hwy 27	Branford	FL	32008	X					3	2	3	2	3	2				1				1	1	1	1	1			

➤ Quality Control

The purpose of a quality control plan is to provide guidance and consistent attention to workplace policies and procedures in order to facilitate efficient, effective and safe debris removal and reduction. **CrowderGulf's success in managing quality is achieved by our commitment and attention to the people, processes, and procedures involved in our projects. This starts with identifying and communicating the following Fundamental Values to Quality Control Success:**

- Assurance of open and honest communication with clients at all levels in order to foster a clear and mutual understanding of expectations and promote mutual respect.
- Commitment to high quality standards - "Lead by Example".
- Dedication to staff training and education at all levels to ensure correct and safe performance of their tasks.
- Implementing "Clean As You Go" policy for every task



"Clean As You Go"

This concept is the centerpiece of our Quality Control Plan. **"Clean As You Go"** is a simple concept that is defined as doing the best job possible the first time to reduce the necessity for redoing any work. This policy does not preclude contracted multiple passes. It simply implies that **all** the debris will be removed on every pass, regardless of the number of passes required by the County. This philosophy is especially important for debris work during emergencies or major disasters where restoration of critical public functions is the highest priority.

CrowderGulf was the debris contractor that first coined the term **"CLEAN AS YOU GO"**, over 14 years ago. Recently, the term has been used by other contractors and by municipalities in their RFPs. All CrowderGulf employees, subcontractors and consultants are expected to abide by this policy.

Inspections

To assure the quality and timeliness of work, CrowderGulf will use a hierarchy of assigned inspection responsibilities based on the nationally recognized Incident Command System (ICS). This arrangement limits the respective spans of control to appropriate levels and has proven to facilitate optimum performance.

Security

CrowderGulf will restrict general access to its DMS operations to essential company and County personnel for both security and safety. Managers and supervisors will be granted access to a site(s) based upon their duties, responsibilities and spans of control. Operating personnel will be granted access to sites relevant to their respective tasks.

Maintenance

CrowderGulf follows manufacturer's maintenance recommendations on all of its equipment. CrowderGulf systematically performs "routine maintenance" appropriate to each item of equipment. This maintenance is reported on an equipment log that is retained for the life or ownership of the equipment. CrowderGulf's maintenance system uses its employee or contracted full-time mechanics and/or oilers for daily and routine maintenance. Heavy maintenance and/or major repairs of company-owned equipment are performed by heavy equipment maintenance firms under contract with CrowderGulf.

Knowledge and Training

CrowderGulf's Quality Control Manager will conduct briefings and de-briefings no less than once a day for the team managers and weekly for supervisors. Organizational and functional relationships will be thoroughly reviewed with supervisory personnel on an on-going basis. CrowderGulf employs debris-experienced equipment operators, foreman, supervisors, and subcontractors. In accordance with these established practices, CrowderGulf supervisors will evaluate the knowledge and debris experience of each operator and subordinate employees, regarding the specifics of his or her assigned tasks, to determine if the employee requires additional training.

➤ Health and Safety

CrowderGulf's Philosophy of Safety

All company operations are managed with an aggressive and proactive commitment to the safety and wellbeing of employees, subcontractors and the public at large. We believe that this commitment to safety must go hand-in-hand with our commitment to quality production and cost efficiency. CrowderGulf believes that ALL injuries and accidents are preventable through the establishment of and compliance with safe work procedures. Therefore, the prevention of bodily injury and the safeguarding of health are the first considerations in all workplace actions and are the responsibility of every employee and subcontractor at all levels.

This philosophy is reinforced and fulfilled as defined below:

- The CrowderGulf Safety Plan for the County shall be in place at all times to provide mandated directives, required actions, procedures and guidance for all levels of employees from initial response to final closure. The Safety Plan is intended to ensure that all employees work safely and remain safe.
- At all times, CrowderGulf will comply with appropriate safety/security laws and regulations such as those established by:
 - The Occupational Safety and Health Act (OSHA),
 - The EPA (Environmental Protection Agency),
 - The DOT (Department of Transportation),
 - All other applicable federal, state and local safety and health regulations, and Any additional safety standards required by the County

"I would like to take this opportunity to thank you and your crews for the industrious work performed for our City as a result of Hurricane Ike. Your crews should be commended for accomplishing such a monumental task in a short period of time."

Toni Randall, Mayor
League City, TX

Corporate Commitment to Safety

CrowderGulf is committed to providing an accident free experience for our employees, subcontractors, visitors to our work sites and to the public we encounter during the execution of our projects. Our leadership team is firmly committed to the belief that "All Accidents Are Preventable". To emphasize our commitment to achieving an accident free experience in every CrowderGulf project, the company's senior executive, Mr. John Ramsay, serves as the senior Safety Official. Mr. Ramsay's personal attention to CrowderGulf's safety, health and accident prevention performance establishes an absolute standard of top priority for all personnel throughout the organization.

Many companies have written safety plans for individual safety topics, but few have a comprehensive plans designed to drive all company operations. CrowderGulf's corporate commitment to safety starts with its written Health and Safety Plan and includes all facets of company planning and operations. Our complete 368 page CrowderGulf Health and Safety Plan is available upon request.

Safety Performance Summary

CrowderGulf takes tremendous pride in our safety record. Since 2011, CrowderGulf has received no citations, notifications or violations, pertaining to OSHA, or state OSHA. In that time period, CrowderGulf has worked approximately 1,371,960 and experienced a total of 3 recordables, which is well below industry standards and the last recordable incident took place in 2011. CrowderGulf believes that providing the safest possible work environment is most beneficial for the company, and our clients. CrowderGulf employs a full time safety manager and maintains an up to date, all-inclusive safety manual pertaining to all of CrowderGulf's vast job scope. We also believe that training, communication and monitoring are the best ways to obtain a safe work environment. CrowderGulf policy is that daily tool box meeting are mandatory, and the JSA process is to be used as a communication tool for our workers. Every person involved in a CrowderGulf project has not only the right, but the responsibility to stop the job if an unsafe act or situation is discovered, or if there is a need for more understanding of the work process. These factors have allowed us to perform above average in regards to our safety record.

Year	Hours Worked	OSHA Recordable	Days Away From Work Cases	R.I.F Rate (Recordable Incident Frequency)	D.a.r.t. Rate (Days Away, Restrictions, or Transfers)
2017	148,975	0	0	0	0
2016	111,243	0	0	0	0
2015	94,222	0	0	0	0
2014	89,478	0	0	0	0
2013	92,630	0	0	0	0
2012	59,373	0	0	0	0
2011	775,448	3	0	.77	0

As of June 1, 2018 CrowderGulf has completed the last 2,643 days of work recordable free.

We have included our most current OSHA Form 300A – Summary of Work-Related Injuries and Illnesses as additional documentation of our exemplary safety record. Previous year's forms can be provided upon request

OSHA's Form 300A
Summary of Work-Related Injuries and Illnesses Year: 2017 Form approved OMB no. 1218-0176

All establishments covered by part 1904 must complete this summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary. Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0". Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35 for further details on the access provisions for these forms.

Facility Information:

Establishment name: CrowderGulf
Street 5435 Business Parkway
City Theodore
State AL

Industry description:
Standard Industrial Classification (SIC) 238900
If known

Employment Information (If you don't have these figures, see the Worksheet on the back of OSHA Form 300A to estimate)

Annual average number of employees 46
Total hours worked by all employees last year 148,975

Sign here
I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.
[Signature] Safety manager
Date 1/31/2018

Number of Cases

Total number of deaths (G) 0	Total number of cases with days away from work (H) 0	Total number of cases with job transfer or restriction (I) 0	Total number of other recordable cases (J) 0
---------------------------------	---	---	---

Number of Days

Total number of days away from work (K) 0	Total number of days of job transfer or restriction (L) 0
--	--

Injury and Illness Types

Total number of (M)	(1) Injuries 0	(4) Poisonings 0
(2) Skin Disorders 0	(5) Hearing loss 0	
(3) Respiratory conditions 0	(6) All other illnesses 0	

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

CrowderGulf's Site Specific Safety Plan

The Accident Prevention Plan (APP) and Site Safety and Health Plans (SSHP) for the County shall include the following commitments:

- Maintaining a safety and health program that meets the requirements of OSHA and all applicable laws.
- Equipping employees and subcontractors with the required safety equipment, hard hats, clothing, and other safety materials necessary to perform specific work tasks.
- Preparing an Accident Prevention Plan (APP) and Site Safety and Health Plans (SSHP) to inventory and address specific work hazards.
- Providing employees and subcontractors with continuing safety and health training necessary to enable them to perform their work in a safe manner.
- Assuring that at no time, while on duty, will employees or subcontractors be under the influence of alcohol, narcotics, intoxicants or mind-altering substances. Violations of this policy may result in immediate dismissal.
- Assuring that employees and subcontractors be required to immediately report all accidents, injuries, and "near misses" to their supervisor.

- Conducting safety meetings to review past activities, plan for new or changed operations, review hazard analyses and establish safe working procedures.
- Communication of Health, Safety, Security and Environment (HSSE) standards will take place in orientation trainings, safety meetings specific to individual situations, daily tool box meetings, memo's and other ways CrowderGulf deems appropriate.
- Assuring that all associates, regardless of position know that they have the right to "Stop the Job" in the event of a HSSE deficiency.
- Conducting Job Hazard Analyses (JHA) to define the activities being performed, the sequences of work, the specific hazards anticipated, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level.

A list of local Hospitals, Police Stations, and Fire/Emergency Response Stations will be provided as part of the Safety Plan after project activation.

SAFETY WILL BE THE PARAMOUNT CONCERN AT ALL TIMES

➤ Environmental Sensitivity

CrowderGulf is committed to unequivocal protection of the environment at all work sites and surrounding areas. This is accomplished by attention to organizational, operational and performance details. CrowderGulf personnel or subcontractors assigned to specific contractual duties that substantially impact environmental quality (i.e., incinerator operators) will have the quality of their work continually evaluated by a senior supervisor. Employees with duties partially or indirectly applicable to environmental protection will have those duties evaluated daily, whether relating to noise, smoke, dust, traffic, drainage or general containment actions or containment actions specifically related to hazardous materials.



Regulatory Permits and Compliance

CrowderGulf will ensure all applicable permits are obtained before work is started, including but not limited to the following:

- Air Quality
- Forestry
- Storm Water
- Reclamation of Surface Mining Sites
- Ground and Surface Water
- Local Health Department Permits

We work in full regulatory compliance with all agencies involved in disaster recovery including, but not limited to:

- Federal Emergency Management Agency (FEMA)
- Federal Highway Administration (FHWA)
- Environmental Protection Agency (EPA)
- United States Coast Guard (USCG)
- United States Army Corps of Engineers (USACE)
- Florida Department of Environmental Management (FDEP)
- Florida Department of Public Health
- Florida Department of Transportation

Environmental and Historic Considerations

State and local regulations, laws and ordinances will be addressed and followed for all environmental and historic preservation issues. The following list provides a brief review of the primary Federal laws which must be considered during debris management practices.

- National Environmental Policy Act
- Clean Water Act
- Clean Air Act
- Coastal Barrier Resources Act
- Resource Conservation and Recovery Act
- Endangered Species Act
- Coastal Zone Management Act
- Fish and Wildlife Coordination Act
- Wild and Scenic Rivers Act
- Executive Orders
- National Historic Preservation Act



Specific Environmental Concerns

Spills or Leaks

Should a spill or leak occur during performance of this contract, CrowderGulf will report the spill or leak to the County. CrowderGulf shall be responsible for cleaning up all spills in compliance with federal, state, and local laws and regulations and at no cost to the County or other government entities.

Asbestos Containing Materials

CrowderGulf is experienced and capable of managing the removal of asbestos containing material. If asbestos is encountered during a recovery effort for the County, CrowderGulf will utilize its resources to ensure all asbestos related activities are in accordance with Environmental Protection Agency (EPA) requirements, specifically the National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61, Subpart M.

CrowderGulf staff will always comply with all environmental laws and regulations. CrowderGulf will conduct all debris operations outlined in this proposal to meet the program standards provided for in the **FEMA Public Assistance Program and Policy Guide**. In addition, CrowderGulf will conduct all debris related operations in accordance with all applicable federal, state, and local laws, rules and/or regulations.

➤ Public Relations

After a disaster, residents want answers regarding recovery operations. CrowderGulf will work closely with the County to ensure that the residents are given accurate and timely information for their use and own individual planning purposes.

➤ Personnel Costs

All costs associated with CrowderGulf personnel has been incorporated in the unit cost fee rate schedule provided in this proposal.

F - LICENSES



TAB F - LICENSES

CrowderGulf also has the following State of Florida General Contractors License. Many permits require the contractor to have a General Contractors License.

See Florida Secretary of State and Florida Designation of Legal Entity - License Certification

State of Florida

Department of State

I certify from the records of this office that CROWDER-GULF JOINT VENTURE, INC. is a corporation organized under the laws of the State of Florida, filed on September 3, 2002.

The document number of this corporation is P02000095020.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 15, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fifteenth day of January, 2018*



Ken Detjen
Secretary of State

Tracking Number: CC5217016948

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395



STATE OF FLORIDA DEPARTMENT
OF BUSINESS AND PROFESSIONAL
REGULATION

CGC1522633
GENERAL CONTRACTOR
SMALLWOOD, WESLEY BRIAN
CROWDER-GULF JOINT VENTURE, INC.

ISSUED: 06/04/2018


Signature

LICENSED UNDER CHAPTER 489, FLORIDA STATUTES
EXPIRATION DATE: AUGUST 31, 2020



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

SMALLWOOD, WESLEY BRIAN

CROWDER-GULF JOINT VENTURE, INC.
5435 BUSINESS PKWY
THEODORE AL 36582

LICENSE NUMBER: CGC1522633

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



G - INSURANCE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
6/26/2018

PRODUCER

Point Clear Insurance Services LLC
368 COMMERCIAL PARK DRIVE
FAIRHOPE, AL 36532-1910

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY

A

THE GRAY INSURANCE COMPANY

INSURED

CrowderGulf Joint Venture, Inc.
5435 Business Parkway
Theodore, AL 36582-1675

COMPANY

D

COMPANY

C

COMPANY

D

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

EXCLUSIONS AND CONDITIONS OF COVERAGE: LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

CO LTR	TYPE OF INSURANCE		POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS					
A	GENERAL LIABILITY		XSGL-074306	9/1/2017	7/1/2020	GENERAL AGGREGATE		Unlimited			
	X	COMMERCIAL GENERAL LIABILITY				PRODUCTS – COMP/OP AGG		\$3,000,000.00			
		OWNER'S & CONTRACTOR'S PROT				PERSONAL & ADV INJURY		\$1,000,000.00			
						EACH OCCURRENCE		\$1,000,000.00			
						FIRE DAMAGE (Any one fire)		\$50,000.00			
		MED EXP (Any one person)		\$5,000.00							
A	AUTOMOBILE LIABILITY		XSAL-075300	9/1/2017	7/1/2020	COMBINED SINGLE LIMIT		\$1,000,000.00			
	X	ANY AUTO				BODILY INJURY (Per person)					
	X	ALL OWNED AUTOS				BODILY INJURY (Per accident)					
	X	SCHEDULED AUTOS				PROPERTY DAMAGE					
	X	HIRED AUTOS									
	X	NON-OWNED AUTOS									
	GARAGE LIABILITY					AUTO ONLY – EA ACCIDENT					
		ANY AUTO				OTHER THAN AUTO ONLY					
						EACH ACCIDENT					
						AGGREGATE					
A	EXCESS LIABILITY		GXS-043383	7/1/2018	7/1/2019	EACH OCCURRENCE		\$4,000,000.00			
		UMBRELLA FORM				AGGREGATE		\$4,000,000.00			
	X	OTHER THAN UMBRELLA FORM									
A	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY		GWC-071021-FL2	7/1/2018	7/1/2019	X	WC STATUTORY LIMITS		OTHER		
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE:							EL EACH ACCIDENT		\$1,000,000.00	
								EL DISEASE – POLICY LIMIT		\$1,000,000.00	
								EL DISEASE – EA EMPLOYEE		\$1,000,000.00	
	OTHER										

[illegible]

The certificate holder is an additional insured on all policies except Workers' Compensation and is provided a Waiver of Subrogation, all if required by written contract. The above insurance policies shall be primary and noncontributory to any other insurance policies maintained by the certificate holder, if required by written contract.

Debris Removal and Disposal Services

CERTIFICATE HOLDER

2523#60 REVISED

Franklin County
Emergency Management Coordinator
28 Airport Road
Apalachicola, FL 32320

CANCELLATION

In the event of cancellation by The Gray Insurance Company and if required by written contract, 30 days written notice will be given to the Certificate Holder.

AUTHORIZED REPRESENTATIVE

GCF 00 50 01 01 12

THE GRAY INSURANCE COMPANY

THE GRAY INSURANCE COMPANY

The below coverages apply if the corresponding policy number is indicated on the previous page.

A. Commercial General Liability

General Liability Policy Includes:

Blanket Waiver of Subrogation when required by written contract.

Blanket Additional Insured (CGL Form# CG 20 10 11 85) when required by written contract.

Primary Insurance Wording Included when required by written contract.

Broad Form Property Damage Liability including Explosion, Collapse and Underground (XCU).

Premises/Operations

Products/Completed Operations

Contractual Liability

Sudden and Accidental Pollution Liability

Occurrence Form

Personal Injury

"In Rem" Endorsement

Cross Liability

Severability of Interests Provision

"Action Over" Claims

Independent Contractors coverage for work sublet

Vessel Liability - Watercraft exclusion has been modified by the vessels endorsement on scheduled equipment.

General Aggregate applies per project or equivalent.

B. Automobile Liability Policy Includes:

Blanket Waiver of Subrogation when required by written contract.

Blanket Additional Insured when required by written contract.

C. Workers Compensation Policy Includes:

Blanket Waiver of Subrogation when required by written contract.

U.S. Longshoremen's and Harbor Workers Compensation Act Coverage

Outer Continental Shelf Land Act

Jones Act (including Transportation, Wages, Maintenance, and Cure),

Death on the High Seas Act & General Maritime Law.

Maritime Employers Liability Limit: \$1,000,000

Voluntary Compensation Endorsement

Other States Insurance

Alternate Employer/Borrowed Servant Endorsement

"In Rem" Endorsement

Gulf of Mexico Territorial Extension

D. Excess Liability Policy Includes:

Coverage is excess of the Auto Liability, General Liability, Employers Liability, & Maritime Employers Liability policies

Blanket Waiver of Subrogation when required by written contract.

Blanket Additional Insured when required by written contract.

H - REQUIRED DOCUMENTS



TAB H - REQUIRED DOCUMENTS

- ❖ Proposal Submittal Checklist
- ❖ Proposer's Certification Form
- ❖ Addendum Acknowledgement
- ❖ Drug Free Workplace
- ❖ Sworn Statement on Public Entity Crimes
- ❖ Affidavit of Non Collusion and of Non-Interest of Franklin County Employees
- ❖ Professional References
- ❖ MWBE Participation Statement
- ❖ Vendor Information and W-9 Form
- ❖ Unit Cost Fee Rate Schedule

Section 8 – Required Forms

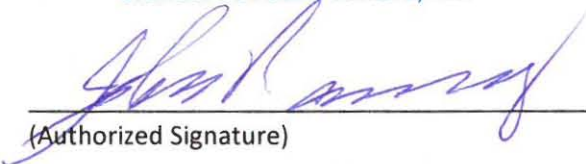
PROPOSAL SUBMITTAL CHECKLIST

- ☒ Proposer's Certification
- ☒ Addendum Acknowledgement
- ☒ Drug-Free Workplace Certificate
- ☒ Sworn Statement Pursuant to Section 287.133 (3)(a) F.S. in Public Entity Crimes
- ☒ Affidavit of Non-Collusion
- ☒ Professional References
- ☒ MWBE Participation Statement
- ☒ Vendor Information
- ☒ W-9 Form
- ☒ Unit Cost Fee Rate Schedule

Submission of one (1) original marked "ORIGINAL", five (5) identical paper copies, and one (1) electronic copy in pdf format on CD.

BY:

Bidder CrowderGulf Joint Venture, Inc.


(Authorized Signature)

09/13/2018

(Date)

John Ramsay

(Print Name)

This document must be completed and returned with your Submittal

PROPOSER'S CERTIFICATION

I have carefully examined the Request for Proposals, Instructions to Proposers, General and/or Special Conditions, Specifications, RFP Proposal and any other documents accompanying or made a part of this invitation.

I hereby propose to furnish the goods or services specified in the Request for Proposal at the prices or rates as finally negotiated. I agree that my proposal will remain firm for a period of up to ninety (90) days in order to allow the County adequate time to evaluate the proposal. Furthermore, I agree to abide by all conditions of the proposal.

I certify that all information contained in this RFP is truthful to the best of my knowledge and belief. I further certify that I am a duly authorized to submit this RFP on behalf of the Proposer / Consultant as its act and deed and that the Proposer / Consultant is ready, willing and able to perform if awarded the contract.

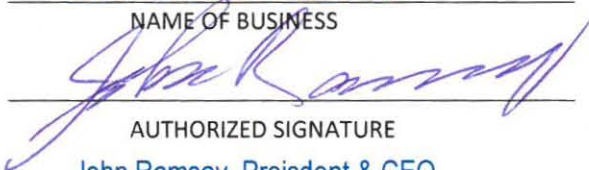
I further certify that this RFP is made without prior understanding, Contract, connection, discussion, or collusion with any person, firm or corporation submitting a RFP for the same product or service; no officer, employee or agent of the Franklin County Board of County Commissioners or of any other proposer interested in said RFP; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

I further certify that having read and examined the specifications and documents for the designated services and understanding the general conditions for contract under which services will be performed, does hereby propose to furnish all labor, equipment, and material to provide the services set forth in the RFP.

I hereby declare that the following listing states any clarifications, any and all variations from and exceptions to the requirements of the specifications and documents. The undersigned further declares that the "work" will be performed in strict accordance with such requirements and understands that any exceptions to the requirements of the specifications and documents may render the proposal non-responsive.

NO EXCEPTIONS ALLOWED AFTER THE RFP IS SUBMITTED:

Please check one: ☒ I take NO exceptions. ☐ Exceptions:


<u>CrowderGulf Joint Venture, Inc.</u>	<u>5435 Business Parkway</u>
NAME OF BUSINESS	MAILING ADDRESS
	<u>Theodore, AL 36582</u>
AUTHORIZED SIGNATURE	CITY, STATE & ZIP CODE
<u>John Ramsay, President & CEO</u>	<u>800-992-6207 / 251-459-7433</u>
NAME, TITLE, TYPED	TELEPHONE NUMBER / FAX NUMBER
<u>01-0626019</u>	<u>jramsay@crowdergulf.com</u>
FEDERAL IDENTIFICATION #	E-MAIL ADDRESS

STATE OF ~~FLORIDA~~ Alabama
COUNTY OF Mobile

13th September 2018 John Ramsay

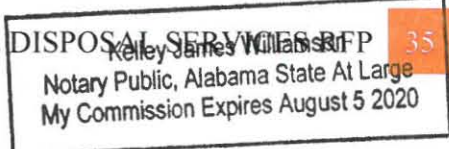
The foregoing instrument was acknowledged before me this ___ day of ___, 20___ by _____, who is personally known to me or who has produced as identification and who did take an oath.

My Commission Expires:


Notary Public Kelley Williamson

This document must be completed and returned with your Submittal

FRANKLIN COUNTY-DISASTER DEBRIS REMOVAL & DISPOSAL SERVICES RFP


Notary Public, Alabama State At Large
My Commission Expires August 5 2020

ADDENDUM ACKNOWLEDGEMENT None

I have carefully examined this Request for Proposal (RFP) which includes scope, requirements for submission, general information and the evaluation and award process.

I acknowledge receipt and incorporation of the following addenda, and the cost, if any, of such revisions has been included in the price of the proposal.

Addendum # _____ Date: _____

Addendum # _____ Date: _____

Addendum # _____ Date: _____

Addendum # _____ Date: _____


(Authorized Signature)

09/13/2018
(Date)

John Ramsay

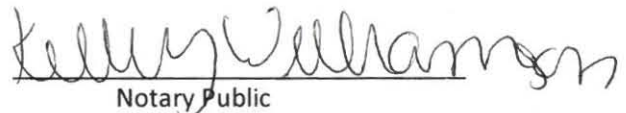
(Print Name)

STATE OF ~~FLORIDA~~ Alabama

COUNTY OF Mobile

The foregoing instrument was acknowledged before me this 13th September 2018 by John Ramsay, who is personally known to me or who has produced as identification and who did take an oath.

My Commission Expires:


Notary Public

Kelley Williamson

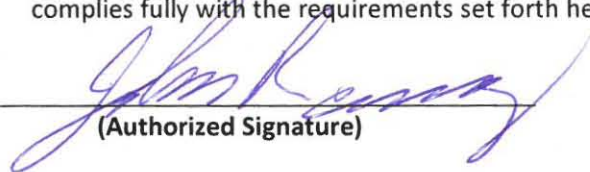
Kelley James Williamson
Notary Public, Alabama State At Large
My Commission Expires August 5 2020

This document must be completed and returned with your Submittal

DRUG FREE WORKPLACE

I, the undersigned, in accordance with Florida Statute 287.087, hereby certify that,
(print or type name of firm) CrowderGulf Joint Venture, Inc.

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the Workplace named above and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the workplace, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or contractual services that are under bid or proposal, a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under bid or proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, please or guilty or nolo contendere to, any violation of Chapter 1893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the workplace, no later than five (5) days after such conviction, and requires employees to sign copies of such written statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free workplace through the implementation of the Drug Free Workplace program.
- "As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein".


(Authorized Signature)

09/13/2018

(Date)

John Ramsay

(Print Name)

STATE OF ~~FLORIDA~~ Alabama
COUNTY OF Mobile

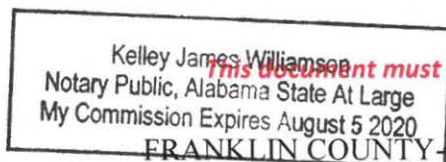
13th September 2018

John Ramsay

The foregoing instrument was acknowledged before me this ___ day of __, 20__ by ____, who is personally known to me or who has produced as identification and who did take an oath.

My Commission Expires:


Notary Public Kelley Williamson



This document must be completed and returned with your Submittal

FRANKLIN COUNTY-DISASTER DEBRIS REMOVAL & DISPOSAL SERVICES RFP

SWORN STATEMENT UNDER SECTION 287.133(3)(A), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

Before me, the undersigned County, personally appeared John Ramsay, who, being by me first duly sworn, made the following statement:

1. The business address of 5435 Business Parkway Theodore, AL 36582 (name of Offeror or business) is _____.
2. My relationship to CrowderGulf Joint Venture, Inc. (name of Offeror or business) is President (relationship such as sole proprietor, partner, president, vice president).
3. I understand that a public entity crime as defined in Section 287.133 of the Florida Statutes includes a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity in Florida or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any proposal or contract for goods or services to be provided to any public entity or such an agency or political subdivision and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
4. I understand that "convicted" or "conviction" is defined by the Florida Statutes to mean a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilt or nolo contendere.
5. I understand that "affiliate" is defined by the Florida Statutes to mean (1) a predecessor or successor of a person or a corporation convicted of a public entity crime, or (2) an entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime, or (3) those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate, or (4) a person or corporation who knowingly entered into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months.
6. Neither the Offeror or Consultant, nor any officer, director, executive, partner, shareholder, employee, member or agent who is active in the management of the Offeror or Consultant, nor any affiliate of the Offeror or Consultant has been convicted of a public entity crime subsequent to July 1, 1989. (Draw a line through paragraph 6 if paragraph 7 below applies.)
7. ~~There has been a conviction of a public entity crime by the Offeror or Consultant, or an officer, director, executive, partner, shareholder, employee, member or agent of the Offeror or Consultant who is active in the management of the Offeror or Consultant or an affiliate of the Offeror or Consultant. A determination has been made pursuant to Section 287.133(3) by order of the Division of Administrative Hearings that it is not in the public interest for the name of the convicted person or affiliate to appear on the convicted vendor list. The name of the convicted person or affiliate is _____. A copy of the order of the Division of Administrative Hearings is attached to this statement. (Draw a line through paragraph 7 if paragraph 6 above applies.)~~

(Authorized Signature)

John Ramsay

(Print Name)

(Date)

09/13/2018

STATE OF ~~FLORIDA~~ Alabama
COUNTY OF Mobile

13th September 2018

John Ramsay

The foregoing instrument was acknowledged before me this ___ day of __, 20___ by _____, who is
personally known to me or who has produced as identification and who did take an oath.

My Commission Expires:

Kelley Williamson
Notary Public

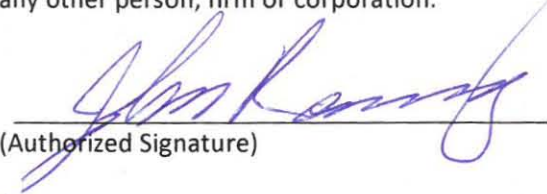
Kelley Williamson

Kelley James Williamson
Notary Public, Alabama State At Large
My Commission Expires August 5 2020

This document must be completed and returned with your Submittal

AFFIDAVIT OF NON-COLLUSION AND OF NON-INTEREST OF FRANKLIN COUNTY EMPLOYEES

John Ramsay, * being first duly sworn, deposes and says that he (it) is the Offeror in the above proposal, that the only person or persons interested in said proposal are named therein; that no officer, employee or agent of the Franklin County Board of County Commissioners or of any other Offeror is interested in said proposal; and that affiant makes the above proposal with no past or present collusion with any other person, firm or corporation.


(Authorized Signature)

09/13/2018
(Date)

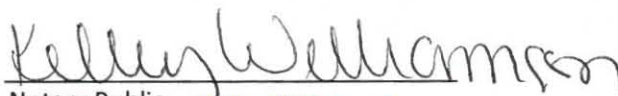
John Ramsay
(Print Name)

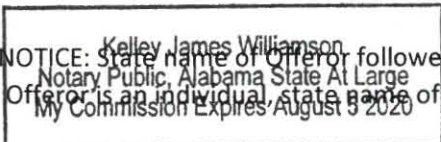
STATE OF ~~FLORIDA~~ Alabama
COUNTY OF Mobile

13th September 2018 John Ramsay

The foregoing instrument was acknowledged before me this ___ day of __, 20___ by _____, who is personally known to me or who has produced as identification and who did take an oath.

My Commission Expires:


Notary Public Kelley Williamson


*NOTICE: State name of Offeror followed by name of authorized individual (and title) that is signing as Affiant.
If Offeror is an individual, state name of Offeror only.

This document must be completed and returned with your Submittal

PROFESSIONAL REFERENCES

Please provide three (3) current and correct references from clients for similar services.

1. Company Name: City of Ocala, FL
Contact Person: Darren Park, Public Works Director / Ken Whitehead, Asst. City Mgr
City, State: 1805 NE 30th Ave. Building 300 Ocala, FL 34470
Telephone Number: 352-351-6733 / 352-414-8622 or 352-401-3974 / 352-857-1223
Email Address: dpark@ocalafl.org / kwhitehead@ocalafl.org
Description of goods or services provided: 2017 Hurricane Irma / PUSH Operations & removal of veg, mulch, LH
Contract Amount: \$1,838,623
Start/End Date of Contract: 09/18/2017-02/26/2018

2. Company Name: St. Petersburg, FL
Contact Person: Michael Vineyard, Park Ops Manager / Michael Jeffries, Dir. of Parks & Rec
City, State: 400 Dr. MLK Street St. Petersburg, FL 33713
Telephone Number: 727-892-5233 / 727-892-5863
Email Address: michael.vineyard@stpete.org / michael.jeffries@st.pete.org
Description of goods or services provided: 2017 Hurricane Irma / Removal of veg & mulch.
Contract Amount: \$2,183,503
Start/End Date of Contract: 09/16/2017-12/09/2017

3. Company Name: Aransas County, TX
Contact Person: Rick McLester, Em. Management Coord.
City, State: 301 N. Live Oak Street Rockport, TX 78382
Telephone Number: 361-790-0100
Email Address: mclester@aransascounty.org
Description of goods or services provided: 2017 Hurricane Harvey - Removed veg, C&D, mulch, LHs, White Goods.
Contract Amount: \$33,521,254
Start/End Date of Contract: 09/05/2017-06/05/2018

Additional References and information on the above references can be found in our proposal.

This document must be completed and returned with your Submittal

Note: The Consultant is required to complete the following information and submit this form with the proposal.

Consultant Name: CrowderGulf Joint Venture, Inc.

Expected percentage of contract fees to be subcontracted to MWBE(s): TBD %

If the intention is to subcontract a portion of the contract fees to MWBE(s), the proposed MWBE sub-Consultants are as follows:

Type of Work/Commodity

We have included our LOCAL and MWBE Subcontractors list on page 76 of our proposal.


(Authorized Signature)

09/13/2018

(Date)

John Ramsay
(Print Name)

As required by each awarded contract, CrowderGulf will meet or exceed goals and expectations on the local minority workforce population and the utilization of minority professional firms, consultants and/or suppliers. CrowderGulf will maintain all requirements set forth by the County to maintain compliance with 44 CFR 13.36 (e) and FEMA Super Circular 2 C.F.R. Chapter 2, Part 200.

This document must be completed and returned with your Submittal

Welcome
Kelley JamesUser ID
KJAM1888Last Login
12:27 PM - 11/11/2010 Log Out

Home
My Cases
New Case
View Cases
My Profile
Edit Profile
Change Password
Change Security Questions
My Company
Edit Company Profile
Add New User
View Existing Users
Close Company Account
My Reports
View Reports
My Resources
View Essential Resources
Take Tutorial
View User Manual
Contact Us

Company Information

Company Name: CrowderGulf Joint Venture.

[View / Edit](#)

Company ID Number: 312220

Doing Business As (DBA)
Name:

DUNS Number:

Physical Location:

Address 1: 5435 Business Parkway

Address 2:

City: Theodore

State: AL

Zip Code: 36582

County: MOBILE

Mailing Address:

Address 1:

Address 2:

City:

State:

Zip Code:

Additional Information:

Employer Identification Number: 10626019

Total Number of Employees: 20 to 99

Parent Organization:

Administrator:

Organization Designation:

Employer Category: None of these categories apply

NAICS Code: 562 - WASTE MANAGEMENT AND REMEDIATION SERVICES

[View / Edit](#)

Total Hiring Sites: 1

[View / Edit](#)

Total Points of Contact: 3

[View / Edit](#)

VENDOR INFORMATION

(Please attach a current W9 Form)

Name of Individual or Business Name:

CrowderGulf Joint Venture, Inc.

Parent Company Name (if different than above):

Taxpayer Identification Number (TIN): 01/0626019

Vendor is:

(☒) Corporation

(☐) Partnership

(☐) Sole Proprietorship

(☐) Other _____ (Explain)

Permanent Residence/Corporate Office Address:

Address 5435 Business Parkway

City Theodore

State AL

Zip Code 36582

Phone 800-992-6207

Fax 251-459-7433

E-mail jramsay@crowdergulf.com

Payment Address (if different from above): same as above

Address _____

City _____

State _____

Zip Code _____

Phone _____

Fax _____

E-mail _____

Purchase Order Address (if different from above): same as above

Address _____

City _____

State _____

Zip Code _____

Phone _____

Fax _____

E-mail _____

This document must be completed and returned with your Submittal

Request for Taxpayer Identification Number and Certification

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the
requester. Do not
send to the IRS.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

CROWDERGULF JOINT VENTURE, INC.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☒ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____
Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ► _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

5435 BUSINESS PARKWAY

6 City, state, and ZIP code

THEODORE, AL 36582

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

____ - ____ - ____

or

Employer identification number

0 1 - 0 6 2 6 0 1 9

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign
Here

Signature of
U.S. person ►

Ashley Ramsay-Naile

Date ►

9/13/18

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Unit Cost Fee Rate Schedule

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>MOBILIZATION AND DEMOBILIZATION</u>	L.S.	\$0.00

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY</u>		
Backhoe - Rubber Tire Type, J.D. 310 or equal w/bucket & hoe	Hour	\$ 55.00
Bucket Truck - 50 Ft.	Hour	\$130.00
Bucket Truck - 50' to 75'	Hour	\$145.00
Chipper w/2-man Crew	Hour	\$100.00
Crane - 100 Ton (8 Hr Minimum)	Hour	\$210.00
Crane - 50 Ton	Hour	\$130.00
Crane 30 Ton or larger	Hour	\$110.00
Dozer -D-6 or equivalent	Hour	\$130.00
Dozer-CAT D4 or equivalent	Hour	\$ 85.00
Dozer-Cat D8 or equivalent	Hour	\$160.00
Dump Truck - 5 CY	Hour	\$ 50.00
Dump Truck - Trailer, 50-80 cubic yard	Hour	\$105.00
Dump Truck-Tandem, 14-18 cubic yard	Hour	\$ 75.00
Dump Truck-Trailer, 24-40 CY	Hour	\$ 85.00
Dump Truck-Trailer, 41-60 CY	Hour	\$ 95.00
Dump Trailer w/Tractor, 30 to 40 CY	Hour	\$ 90.00
Dump Trailer w/Tractor, 41 to 50 CY	Hour	\$ 95.00
Dump Trailer w/Tractor, 51 to 60 CY	Hour	\$100.00
Dump Truck - 10 to 15 CY	Hour	\$ 60.00
Walking Floor Trailer w/Tractor, 100CY	Hour	\$ 75.00
Equipment Transports	Hour	\$140.00
Excavator - Cat 320 or equivalent	Hour	\$145.00
Excavator - Cat 325 or equivalent	Hour	\$150.00
Excavator - Cat 330 or equivalent	Hour	\$160.00
Excavator - Rubber Tired with debris grapple	Hour	\$180.00

This document in its entirety must be completed and returned with your Submittal

Unit Cost Fee Rate Schedule (Page 2 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY (CONTINUED)</u>		
Farm Tractor w/Boxblade	Hour	\$ 55.00
Feller Bunchers 611 Hydro-Ax or equivalent	Hour	\$120.00
Forklift - Extends Boom with debris grapple	Hour	\$ 85.00
Jetter Vac Truck	Hour	\$120.00
Loader - Bobcat, 753 or John Deere 648-E with debris grapple or equivalent	Hour	\$ 75.00
Loader - Front End, 544 or equal with debris grapple or equivalent	Hour	\$120.00
Loader - Knuckleboom -216 Prentice or equivalent	Hour	\$100.00
Loader - Self, Knuckle Boom Truck, 25-35 CY Body \$175.00	Hour	\$175.00
Loader - Self, Knuckle Boom Truck, 35-45 CY Body \$180.00	Hour	\$180.00
Loader - Skid Steer-753 Bobcat w/Bucket or equivalent	Hour	\$ 75.00
Loader - Steer-753 Bobcat Skid with Street Sweeper or equivalent	Hour	\$ 80.00
Loader - Towed w/Tractor, Prentice 210 or equivalent	Hour	\$105.00
Loader - Wheel JD 644, or equivalent, with debris grapple or equivalent	Hour	\$145.00
Loader - Wheel, Cat 955 or equivalent	Hour	\$155.00
Loader - Wheel, Cat 966 or equivalent	Hour	\$175.00
Loader - Wheel, JD 644, 2-3 CY Articulated w/Bucket or equivalent	Hour	\$155.00
Log skidder-JD 648E, or equivalent	Hour	\$100.00
Motor Grader-CAT 125 - 140HP or equivalent	Hour	\$100.00
Pickup Truck - Unmanned	Hour	\$ 40.00
Portable Light Plant	Hour	\$ 45.00
Power Screen	Hour	\$130.00
Loader-Self, Scraper CAT 623 or equivalent	Hour	\$150.00
Stacking Conveyor	Hour	\$ 80.00
Stump Grinder/ Vermeer 252 or equivalent	Hour	\$100.00
Street Sweeper	Hour	\$ 80.00
Sweeper – open air broom	Hour	\$ 80.00
Trackhoe 690 J.D. or equivalent	Hour	\$ 90.00

Unit Cost Fee Rate Schedule (Page 3 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY (CONTINUED)		
Truck - 1 ton Pickup	Day	\$350.00
Truck - 1/2 ton Pickup	Day	\$200.00
Truck - 3/4 ton Pickup	Day	\$250.00
Truck - 6 Wheel Drive Heavy Off Roads	Hour	\$110.00
Truck - Box	Day	\$125.00
Truck - Service	Hour	\$ 85.00
Truck - Supplies	Hour	\$ 55.00
Truck - Water	Hour	\$ 85.00
Utility Van	Day	\$270.00
Other (List)		
Other (List)		
Other (List)		

Unit Cost Fee Rate Schedule (Page 4 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
DEBRIS REMOVAL SERVICES		
Debris Removal from Event Site and Hauling to DMS 0-30 Miles.	CY	\$ 8.60
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 0-30 Miles.	CY	\$ 9.15
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 0-30 Miles.	CY	\$ 3.95
Debris Removal from Event Site and Hauling to DMS 31-60 Miles.	CY	\$ 9.10
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 31-60 Miles.	CY	\$ 9.75
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 31-60 Miles.	CY	\$ 5.95
Debris Removal from Event Site and Hauling to DMS 61+ Miles.	CY	\$ 9.60
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 61+ Miles.	CY	\$10.50
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 61+ Miles.	CY	\$ 7.90
White Goods removal, segregation and disposal at approved location*	Item	\$40.00
HAZWASTE removal, segregation and packaging at DMS for disposal by others	Pound	\$ 6.00
Freon Management, Recycling and Disposal*	Per unit	\$40.00
Carcass Removal, Transportation and Disposal* (Removal of debris that will decompose such as animals or organic)	Pound	\$ 1.25
Waterway Debris Removal <i>Debris removal from canals, rivers, creeks, streams & ditches</i>	CY	\$90.00
Sand Collection and Screening <i>Pick up, screen and return debris laden sand/mud/dirt/rock</i>	CY	\$12.40
Vessel Removal	Unit	\$600.00
Demolition of Private Structure	CY	\$12.95
Vehicle Removal	Unit	\$200.00
Electronic Waste <i>Removal of electronic debris that contain hazardous materials, such as cathode ray tubes. Includes computer monitors and televisions</i>	Unit	\$48.00
Biowaste Removal of waste capable of causing infection to humans (Animal waste, human blood, pathological waste)	Pound	\$7.95

*NOTE: Contractor will pay tipping fee or other disposal fee at final disposal site(s) and charge Franklin at cost. All final disposal sites must be approved by Franklin County.

Unit Cost Fee Rate Schedule (Page 5 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>TREE OPERATIONS, INCLUDING HAULING</u>		
Hazardous Trees Removal 6" diameter to 12" diameter	Tree	\$ 40.00
Hazardous Trees Removal >12" diameter to 24" diameter	Tree	\$ 90.00
Hazardous Trees Removal >24" diameter to 36" diameter	Tree	\$160.00
Hazardous Trees Removal >36" to 48"	Tree	\$210.00
Hazardous Trees Removal >48"+	Tree	\$300.00
Hazardous Limbs Removal >2"	Tree	\$ 90.00
Hazardous Stumps Removal >24" – 36"	Stump	\$240.00
Hazardous Stumps Removal >36" – 48"	Stump	\$290.00
Hazardous Stumps >48"+	Stump	\$340.00
Stump Fill Dirt <i>Fill dirt for stump holes after removal</i>	CY	\$ 17.00

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>MANAGEMENT AND REDUCTION</u>		
Grinding <i>Grinding/chipping vegetative debris</i>	CY	\$2.98
Air Curtain Burning <i>Air Curtain Burning vegetative debris</i>	CY	\$2.00
Open Burning <i>Opening burning vegetative debris</i>	CY	\$1.20
Compacting <i>Compacting vegetative debris</i>	CY	\$2.00
Debris Management Site Management <i>Preparation, management, and segregating at debris management site</i>	CY	\$1.20

Unit Cost Fee Rate Schedule (Page 6 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>FINAL DISPOSAL</u>		
Tipping Fees (Vegetative) <i>Fee includes negotiated contract price or pass through amount for vegetative</i>	CY	Pass thru Cost
Tipping Fees (Mix) <i>Fee includes negotiated contract price or pass through amount for mix</i>	CY	Pass thru Cost
Tipping Fees (C&D) <i>Fee includes negotiated contract price or pass through amount for C&D</i>	CY	Pass thru Cost

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>MISCELLANEOUS EQUIPMENT & SERVICES</u>		
Hay bales	Each	\$ 15.00
Staked Silt Fence	LF	\$ 13.00
Fill Dirt	CY	\$ 17.00
Tree Protection, as required	LF	\$ 10.00
Dewater, as required	Hour	\$110.00
Bagged Ice, 50/100 lbs	per	\$ 0.45 per pound
Bottled Water, Palletized Truck Load	Lb	\$ 0.55 per bottle *
Bulk Water, Tanker	Gal	\$ 1.60
Water Tanker for Bulk Water, Tanker Per Day	Gal	\$1,500.00
Light Tower w/Generator	Day	\$225.00
Office Trailer, 40 ft	Day	\$350.00
Portable Toilet, Single	Day	\$50.00
Portable Toilet, Single	Week	\$145.00

* 16.9 oz Bottles / apprx 1,720 bottles / freight and delivery will be at Cost + 20%

**NOTE: Above items do not include delivery / freight or servicing of portalets, - this will be at Cost + 20%.

Unit Cost Fee Rate Schedule (Page 7 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>PERSONNEL RATES</u>		
Traffic Control Personnel	Hour	\$ 40.00
Laborer	Hour	\$ 40.00
Survey Person w/Truck	Hour	\$ 50.00
Inspector w/Vehicle	Hour	\$ 50.00
Chainsaw w/Operator	Hour	\$ 48.00
Foreman w/Truck	Hour	\$ 58.00
Superintendent w/Truck	Hour	\$ 64.00
Climber w/Gear	Hour	\$125.00
Mechanic w/Truck and Tools	Hour	\$ 85.00
Ticket Writers / Individual	Hour	\$ 40.00
Clerical / Individual	Hour	\$ 40.00
Program Management Services – Professional	Hour	\$ 60.00
Program Management Services – Administrative	Hour	\$ 50.00
Other (List)	Hour	
Other (List)	Hour	
Other (List)	Hour	