

Beaufort County
Hurricane Matthew
Recovery Briefing
March 13, 2017
(Day 157)

A Report to Beaufort County Council



Outline

- Debris Removal
 - Road (public and private)
 - Marine
 - Stormwater
- Damage Assessment
 - Private Property
 - County Facilities
- Public Assistance funding
- Status of County Operations
- Individual Assistance funding
 - Human Services assistance to the public



Public Road Debris

- As of March 8, 2017:
 - 1,566,465 CY collected from Public Roads (32,196 loads)
 - 83,535 CY estimated remaining *
 - As high as 122 trucks operating; currently 17
 - 63,903 hanging limbs removed
 - 3,218 leaning trees removed
 - 1,092 stumps removed
- 123rd day of operation
- Work also includes 27 school campuses and the public roads in 3 municipal areas
- 1st Pass was completed on 12/2/16
- 2nd Pass was considered complete on 12/23/16
- Still on schedule to be 100% complete by 4/2/17

* Based on 1.65 mil. CY to be collected. Does not include stumps, SW and Marine Debris sites



Stumps

- Inventory complete
 - Two categories (within ROW):
 - Extracted
 - In place
 - FEMA advised County all stumps are eligible for removal on January 13, 2017
- Cost is included in current task orders



Debris Disposal

- 4 Debris Management Sites, including Daufuskie Island
- Ihly Farms Mulch removal
 - 133,995 CY removed
 - 1437 loads
 - Site is being secured
- CERES has a contract to use the mulch to construct a firing range in Yemassee. Good example of beneficial re-use of the waste product.



Debris Removal Status Report

Wednesday, March 08, 2017

BEAUFORT COUNTY, SC

FEMA-4286-DR | SC - HURRICANE MATTHEW

ROW COLLECTION

Daily Totals

Daily Statistics (03/08/2017)

CuYds Collected Vs. Remaining

Total Cubic Yards

4,376

VEGETATIVE/WOODY

4,376

Total Loads

86

Total Trucks Operating

13

Average CuYds Per Load

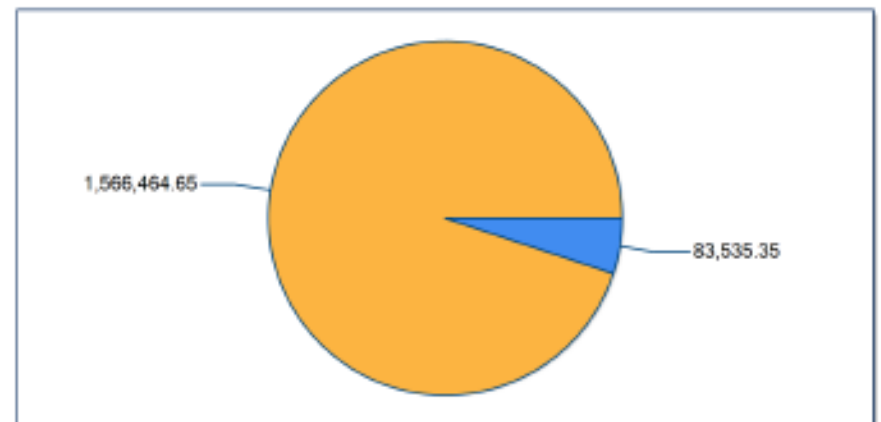
50.88

Average Load Call

82.91%

Disposal Sites in Operation

3



Est. Remaining Total Collected

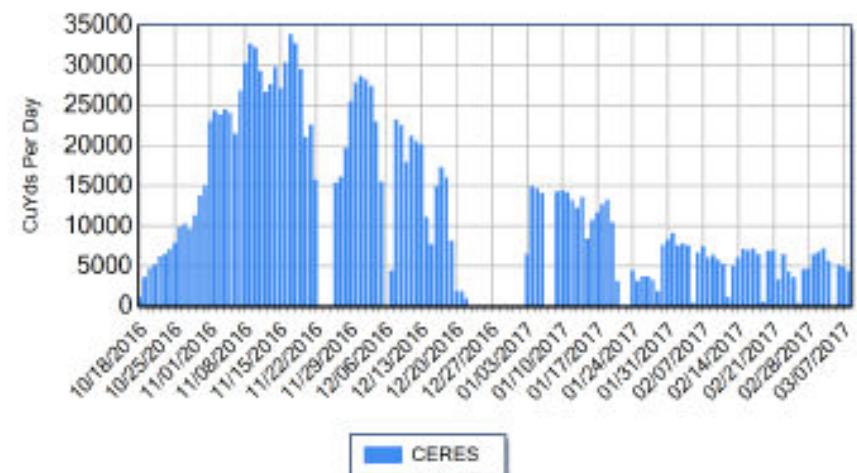


Project Totals

Job to Date Statistics

Total Cubic Yards	1,566,465
Total Loads	32,196
Days Operational	123
Average Cubic Yards Per Load	49
Maximum Day Cubic Yards	33,776
Average Day Cubic Yards	12,735
Average Load Call	78.83%

Total CuYds Per Day

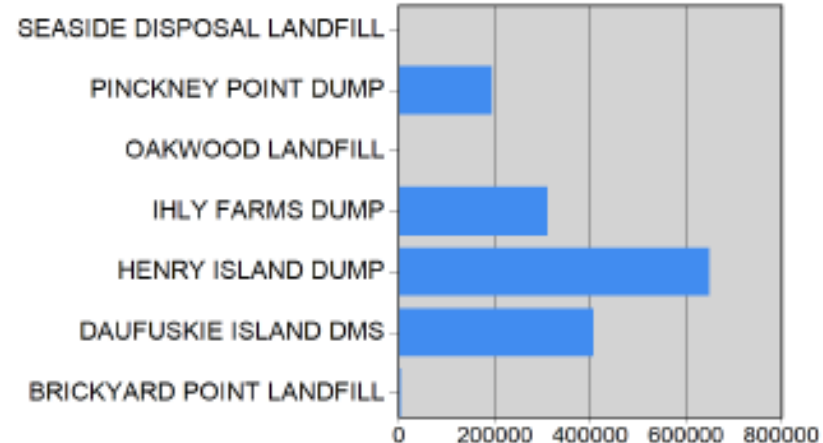


Debris Management Sites

Today and Job to Date DMS Statistics

DMS CuYds To Date

<u>Site Name</u>	<u>Today</u>	<u>JTD</u>
BRICKYARD POINT LANDFILL	0.0	4,902.9
CONSTRUCTION&DEMOLITION	0.0	4,902.9
DAUFUSKIE ISLAND DMS	3,258.3	406,537.9
VEGETATIVE/WOODY	3,258.3	406,537.9
HENRY ISLAND DUMP	481.6	648,588.9
VEGETATIVE/WOODY	481.6	648,588.9
IHLY FARMS DUMP	0.0	311,497.6
VEGETATIVE/WOODY	0.0	311,497.6
OAKWOOD LANDFILL	0.0	844.4
CONSTRUCTION&DEMOLITION	0.0	844.4
PINCKNEY POINT DUMP	636.2	193,878.1
VEGETATIVE/WOODY	636.2	193,878.1
SEASIDE DISPOSAL LANDFILL	0.0	215.1
VEGETATIVE/WOODY	0.0	215.1

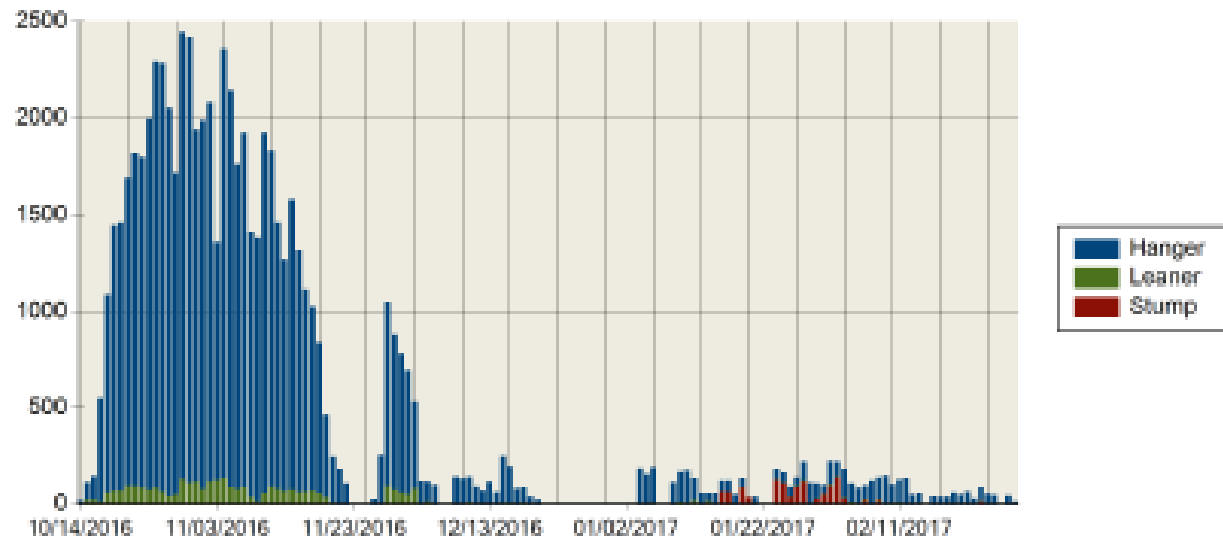


BEAUFORT COUNTY, SC

FEMA-4286-DR | SC - HURRICANE MATTHEW

ROW COLLECTION

Hazard Removals By Day



Today's Hazard Removals

Total Crews In the Field

1

HangersTotals

1A-HANGER REMOVAL PER TREE

11

LeanersTotals

2D-TREE REMOVAL 37 - 48.99 IN DIAMETER

2

StumpsTotals

Cumulative Hazard Removal

Progress to Date

	<u>Estimated</u>	<u>Completed</u>	<u>Percent</u>
Hanger	0	83,903	0.0 %
Leaner	0	3,218	0.0 %
Stump	0	1,092	0.0 %
Total	0	88,213	

Productivity Statistics

Hanger Removal Maximum	2,313
Hanger Removal Average	581
Hanger Removal Minimum	2
Leaner Removal Maximum	138
Leaner Removal Average	33
Leaner Removal Minimum	1
Stump Removal Maximum	137
Stump Removal Average	64
Stump Removal Minimum	13



Mulch Haulout report

RecoveryTrac Project Haulout Report

Report Period: 01/25/2017 to 03/08/2017

BEAUFORT COUNTY HURRICANE MATTHEW

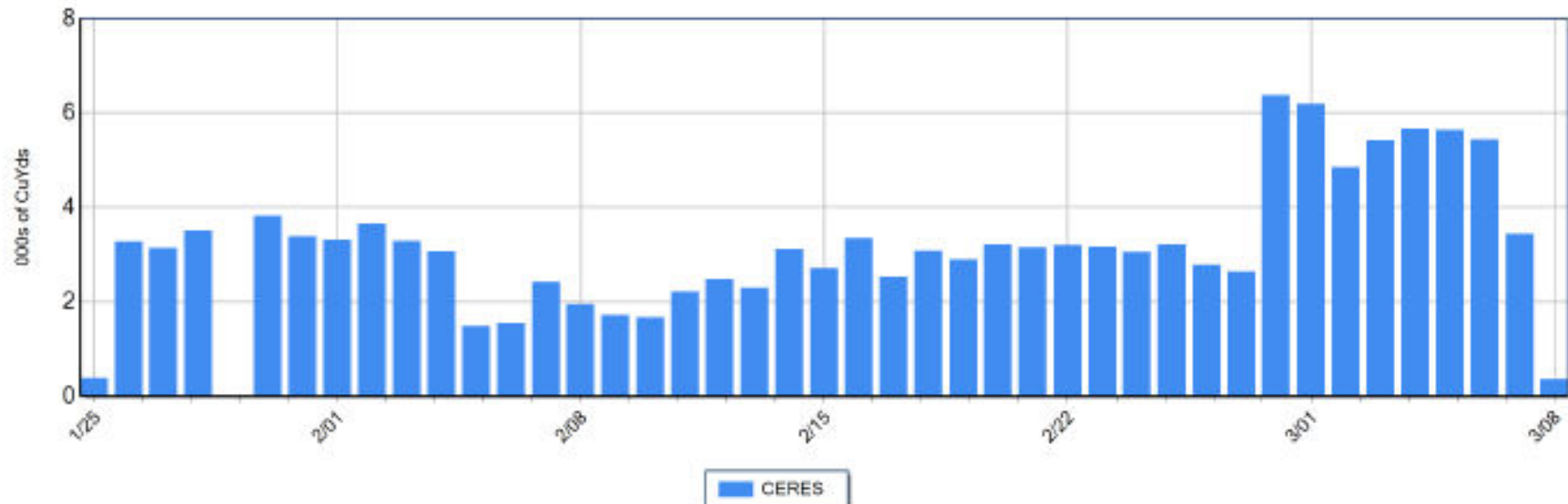
Current Day (03/08/2017) Statistics

DMS	Loads	Avg Load Call	Total Volume
DATAW DMS	0	0.0	00
DAUFUSKIE ISLAND DMS	0	0.0	00
IHLY FARMS DUMP	0	0.0	00
MOSS CREEK DMS	5	95.0	365
Totals:	5		365

Cumulative - JTD Statistics

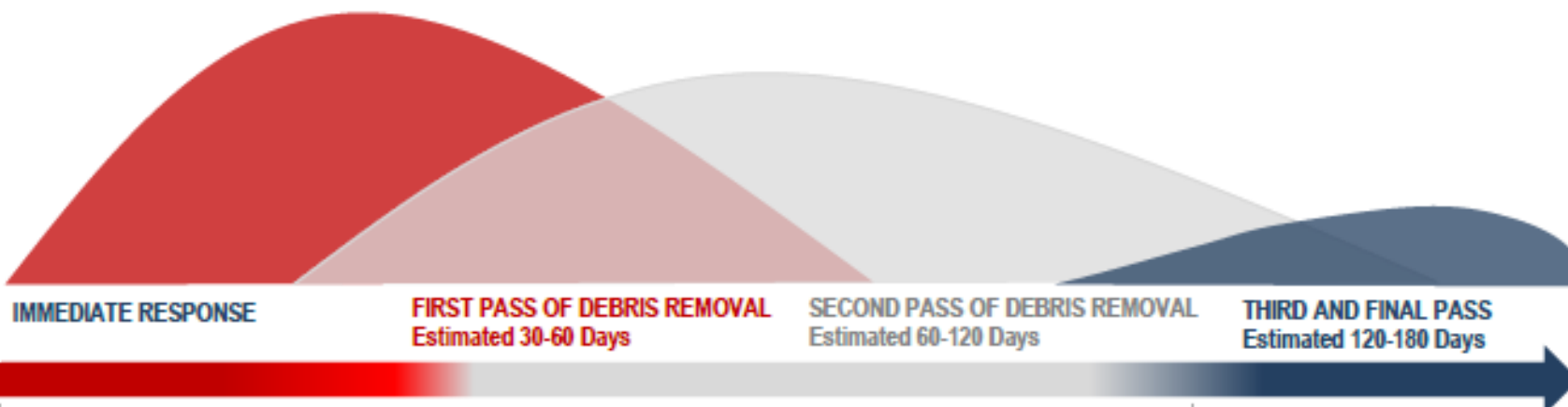
DMS	Loads	Avg Load Call	Total Volume
DATAW DMS	89	93.7	6,549
DAUFUSKIE ISLAND DMS	50	92.7	881
IHLY FARMS DUMP	1293	89.0	126,201
MOSS CREEK DMS	5	95.0	365
Totals:	1437		133,995

Haulout Debris Removed by Contractor by Day



Schedule

Matthew
Impact
10.8.16



Activities included:

- Emergency Road Clearing (Push)
- Conduct preliminary damage assessments.
- Identify and assess debris management site
- County activated contracts with pre-positioned debris hauling contractor (Ceres Environmental) and debris monitoring contractors (Tetra Tech)
- Request for Public Assistance made to FEMA through South Carolina Emergency Management Department

Activities include:

- Debris Contractor Ceres has initiated debris removal activities
- All debris removal is being monitored and documented in accordance with FEMA regulations
- Dangerous hanging limbs affecting the public Rights-of-Way are being removed
- Hazardous leaning trees affecting the public rights-of-way are being removed
- Beaufort County has requested a waiver from FEMA to allow debris collection from Rights of Way on Private roads

Activities include:

- Hanging limb and leaning tree removal will be completed
- Contractors will make a second pass of debris removal on all roads
- The County will identify the need for additional debris removal programs ;
 - Waterways
 - Derelict Vessels
 - Parks
- Damage complaints will be signed-off when rectified

Activities include:

- Third and final pass of debris removal will be made
- Remaining damage complaints will be closed out
- Debris management sites will be remediated
- Contractors will be released

Town of Hilton Head Island Debris

- Separate Contract with Crowder – Gulf
- Estimated total cost for Debris = \$50 mil.
 - 30% Public, 70% Private
 - Expended to date: \$18,542,096 (through 3/8/17)
- Estimated total volume for Debris = 2.5 mil C.Y.
 - Collected to date: 2,144,721 CY (through 3/8/17)
 - Hangers 42,108
 - Leaners 5,319
 - Mulch removed 829,416 CY
 - Sold to paper mill, local farms, Oakwood Landfill, Firewood supply company, Lumber supply company, a hardwood sawmill and to the Port of Savannah for logs to be exported to Ho Chi Minh City, Vietnam



IMPORTANT NOTICE TO THE PUBLIC

- Hurricane Debris Removal Operations Complete for Most of Beaufort County
 - 61 zones complete
 - 14 zones in the process of re-inspection or completing punch list items
 - Projected to complete in next 10 days



IMPORTANT NOTICE TO THE PUBLIC

- Beaufort County advises residents to immediately **STOP** placing debris at the right-of-way. If you have not placed your debris at the right of way it is too late and the property owner is responsible for removal and proper disposal of any debris.
- Small limbs, leaves, marsh grass and small amounts of C&D debris is not picked up by our contractor. Residents should dispose of this material at their closest Convenience Center



Convenience Centers

- All Beaufort County Convenience Centers have been returned to normal operating condition.



Marine Debris

- Boats, Docks, other debris obstructing the navigable waters
- The County questioned if this is the responsibility of the County, SC-DNR, SC-DHEC/OCRM, SC-EMD, or USACE
 - Both SC-EMD and FEMA are working with the County for answers
 - Both DNR and DHEC have sent letters to SC-EMD stating the responsibility is not theirs
 - Jan. 31, 2017 - County received an opinion from the Attorney General's office stating the County has a legal responsibility to remove debris between Low and High tide, the Marsh
 - FEMA acknowledged legal responsibility February 25, 2017 (142 days after the storm hit)
 - SCDNR clears vessels as abandoned and gives County authority to remove March 6, 2017

Marine Debris action to date

- SC-DNR and US Coast Guard did hazard removal in the navigable channels in the first days after the storm
- DNR identified and inventoried 16 vessels and debris countywide
- County advertised for bids and selected Ashbritt on Feb. 24, 2017
 - Assessment Phase – survey estimated 107,182 acres – estimated cost \$739,556
 - 44,000 acres completed as of March 9, 2017
 - 1 boat removed
 - Cleanup Phase – 10,000 CY; 16 Abandoned vessels identified - Estimated cost \$4,000,000
 - Monitoring - \$446,644



MS4 Infrastructure Debris

- Fallen trees, woody debris washed into and blocking ditches and pipes within County maintained easements
- Identification and Inventory is complete
 - Cost estimate \$524,036
- Verbal approval of USDA funding received Feb. 27, 2017. Agreement pending
 - Allows 100% reimbursement for monitoring up to 7.5% of debris cost
- Once awarded USDA funding, we have 220 days from the date of the agreement

MS4 Debris on HHI

- Town staff also submitted grant application for EWP from USDA-NRCS
- Received \$477,698 for immediate risk areas. Work was complete on 2/19/17
- Second grant application for \$ 1,200,000
 - Pending award
- Expected completion date = 60 days after award



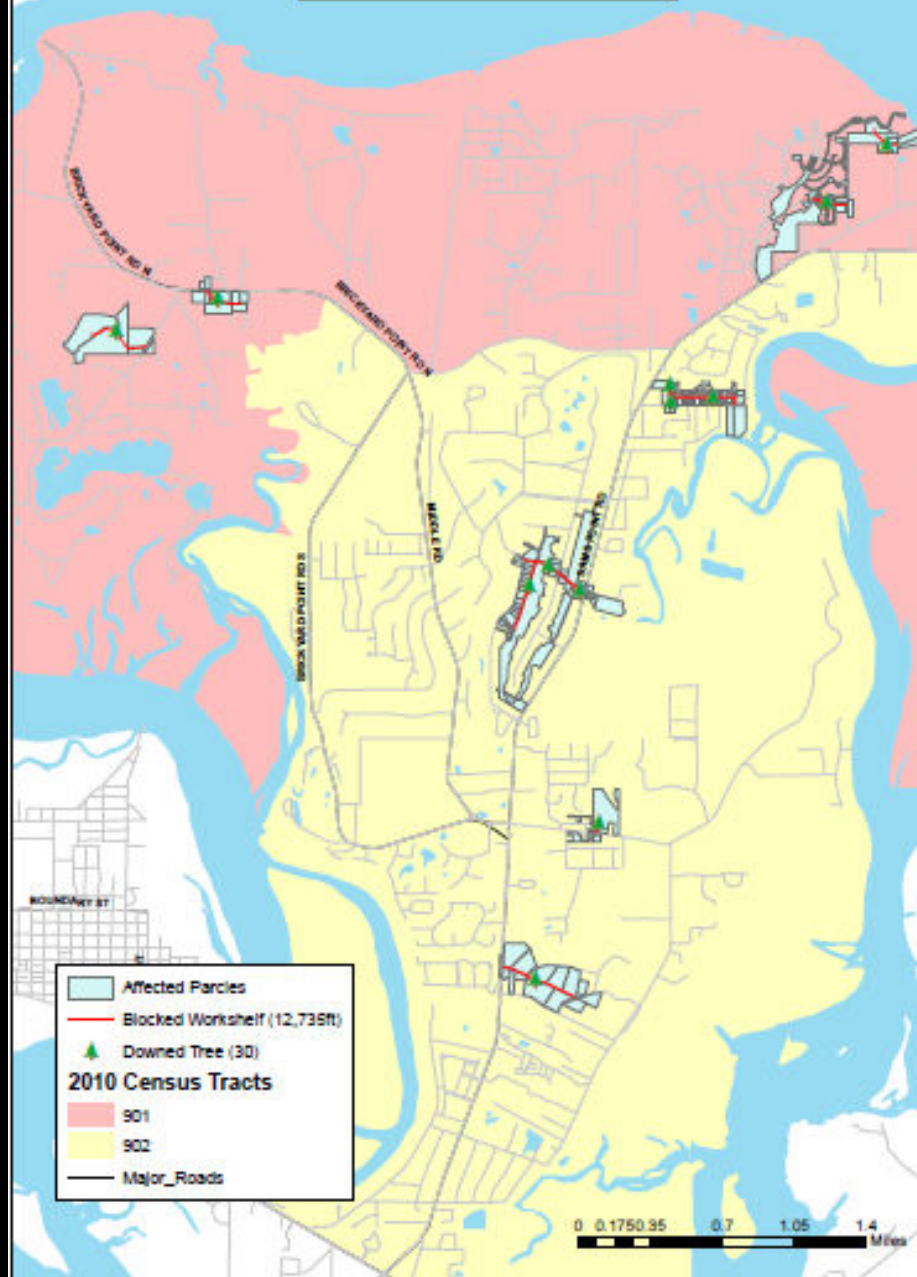
MS4 Infrastructure Debris

DISTRICT	Lady's Island	Port Royal Island (North)	Port Royal Island (South)	Sheldon	St. Helena	Bluffton	
Number of Downed Trees	30	100	57	40	107	15	Total = 249 Trees Down
Workshelf with Downed Trees	12,735ft	51,943ft	18,059ft	67,372ft	42,487ft	2,312ft	Total = 36.92 Miles

- In-house crews have performed limited work in clearing; likely will assist CERES in certain areas
- CERES to take over and complete
- Grant pending approval/denial by USDA
- Additional properties may be added



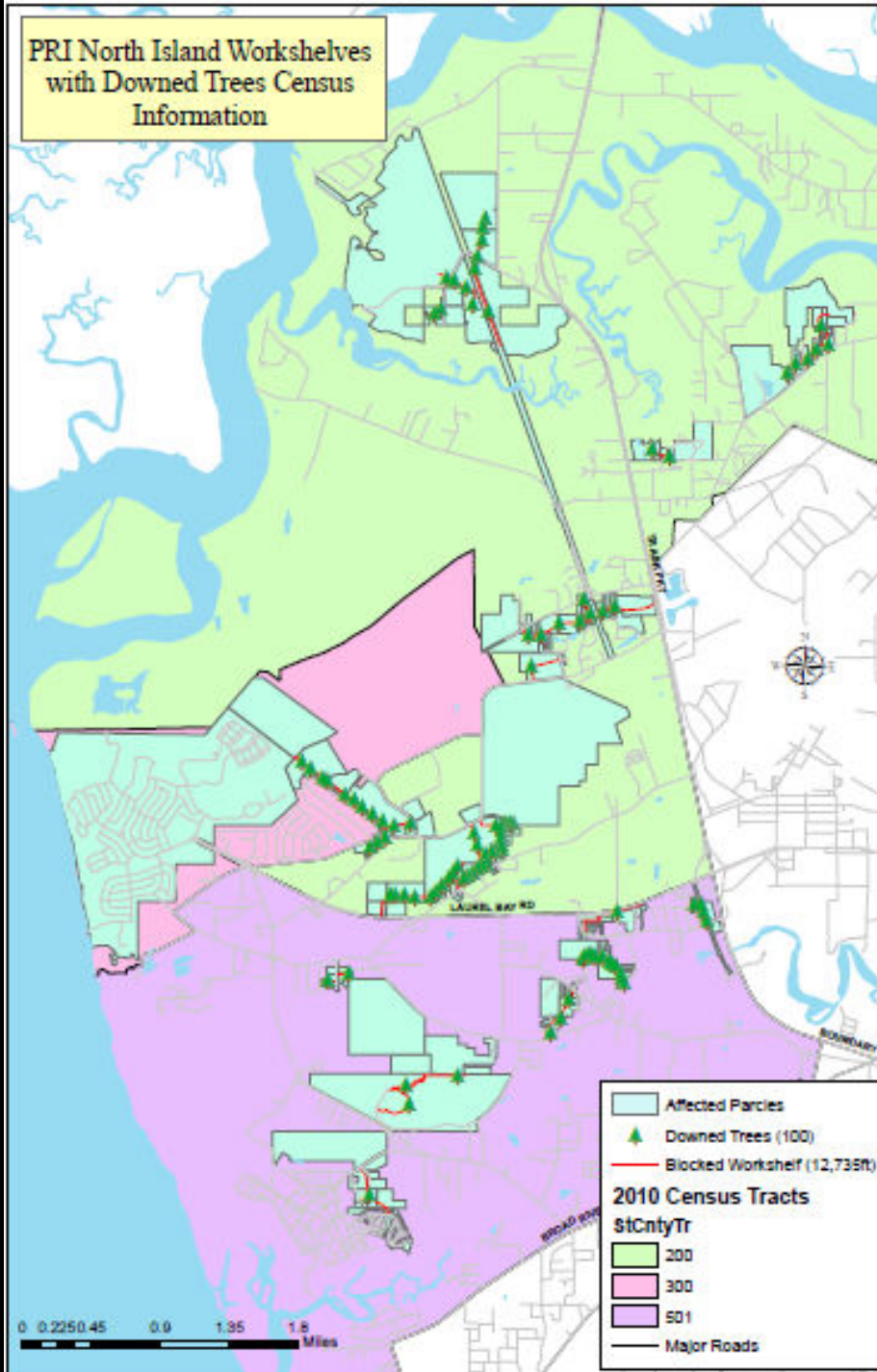
Lady's Island Workshelves with Downed Trees Census Information

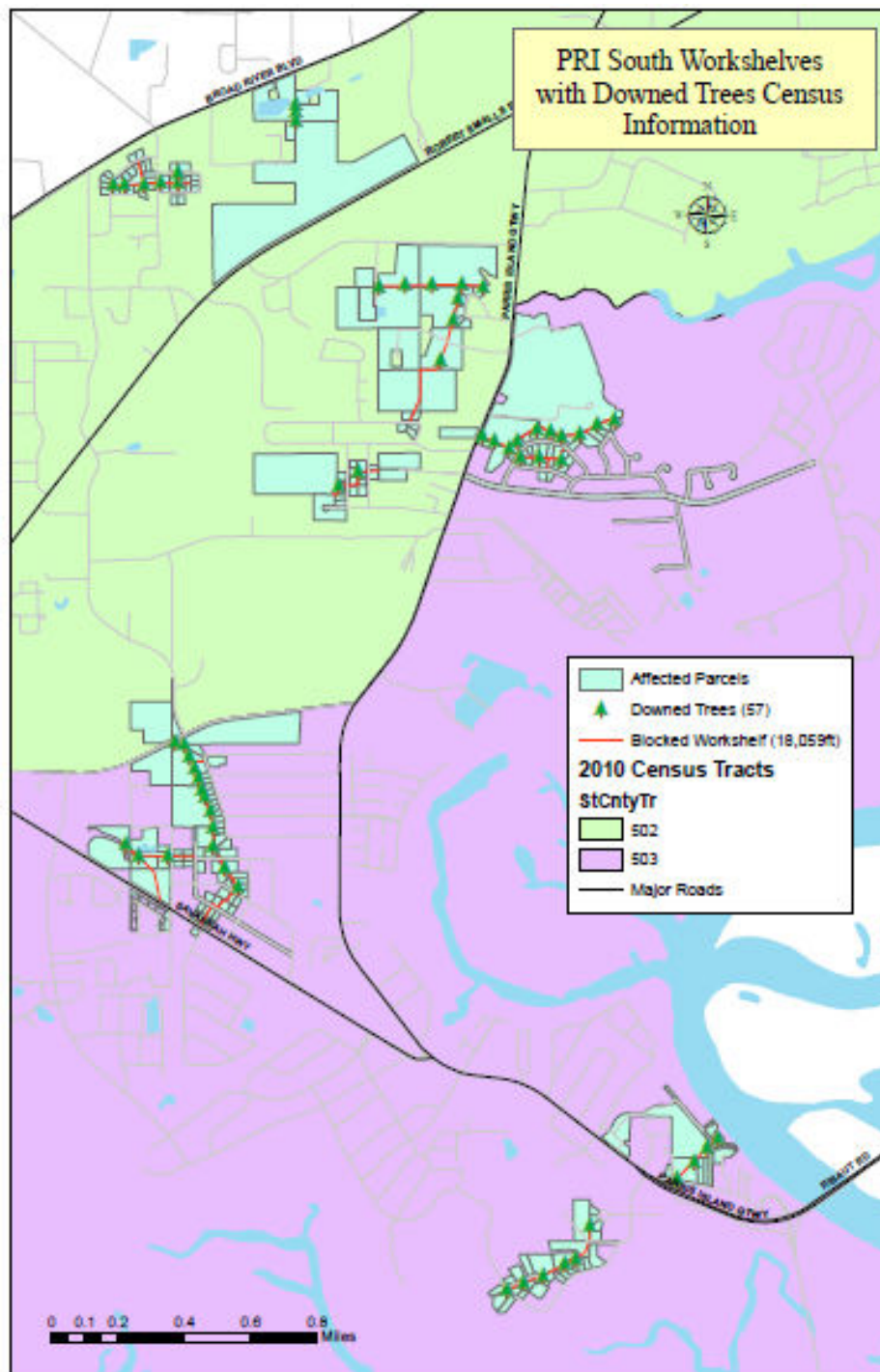


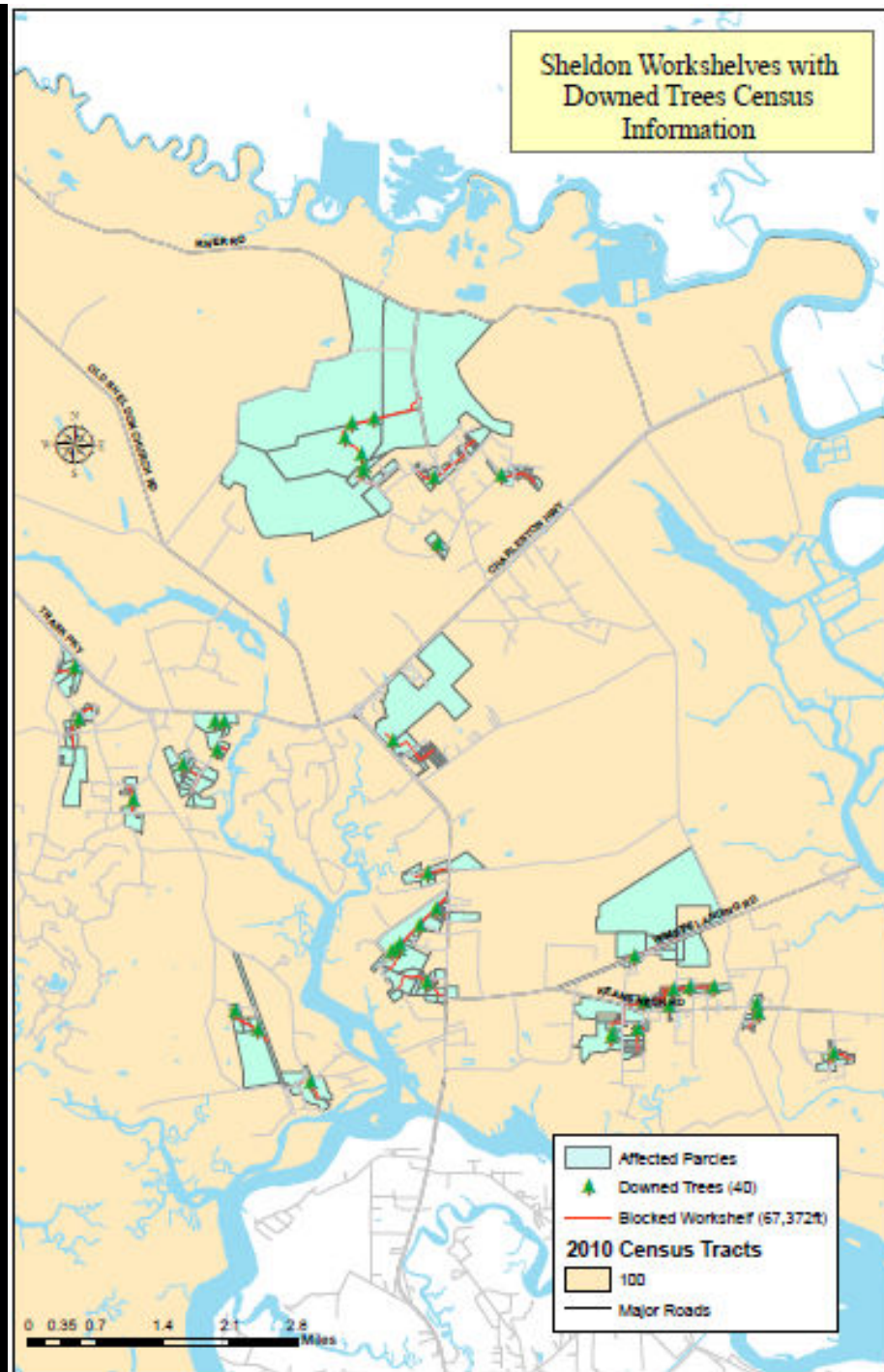
- Affected Parcels
- Blocked Workshelf (12,735ft)
- Downed Tree (30)
- 2010 Census Tracts
- 901
- 902
- Major_Roads



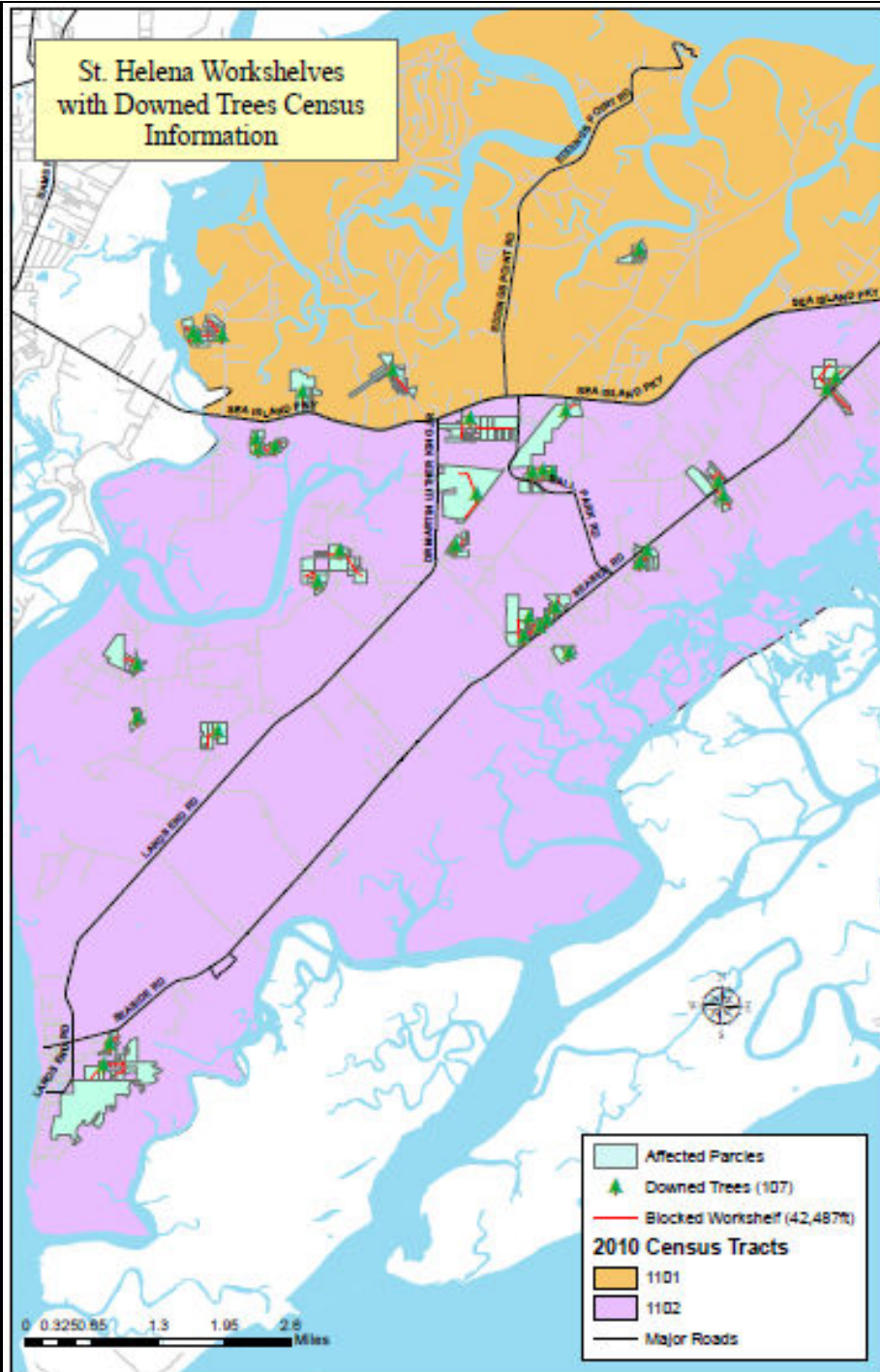
PRI North Island Workshelves
with Downed Trees Census
Information

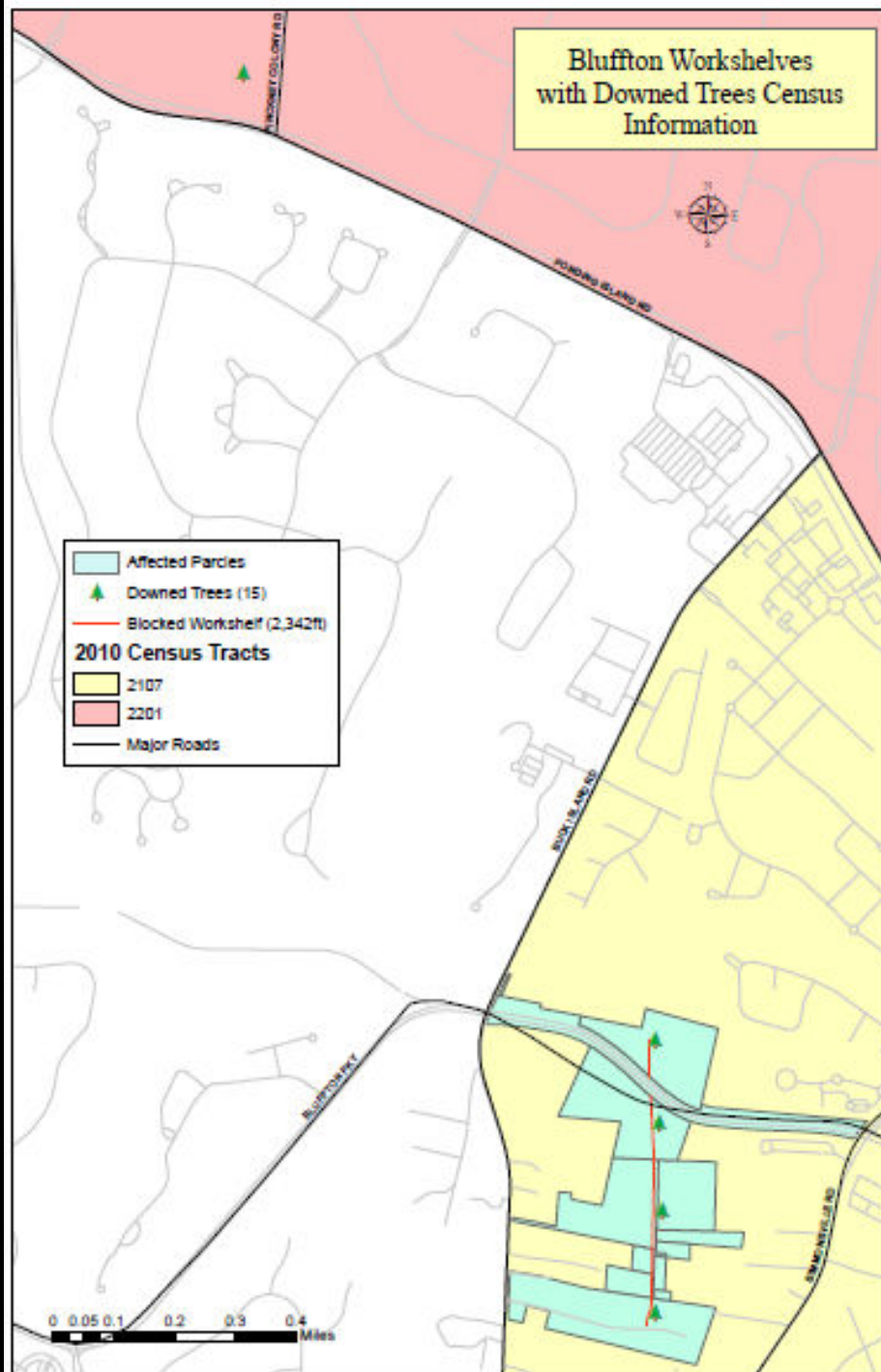






St. Helena Workshelves
with Downed Trees Census
Information





Today's Status on Debris

- Public ROW, PPDR, and other land based debris
 - 8 remaining zones CERES is working punch lists to complete + work remaining on Daufuskie Island
 - County facilities work which is ineligible for reimbursement
 - Stormwater drainage system debris removal covered by NRCS
 - Next step - close down DMS sites to complete land based ops.
- Marine
 - Ashbritt has been asked to expand operational tempo to include an effort to cover the Northern Beaufort side of the County simultaneously with remaining efforts for the South side
 - Start date for Northern Beaufort County pending
 - Aerial visual inspection is about half complete
 - Most of debris at Palmetto Bay has been removed and two vessels



FEMA reimbursement Program

- The County is participating in a newer pilot debris program by FEMA
- Increases percentage of reimbursement during the first 90 days (85% first 30 days, 80% next 60 days, then 75% up to 180 days)
- Since DHEC and FEMA approved our debris plan in advance of the event, it increases reimbursement by 2%



Damage Assessment

- As of November 10, 2016 w/ Feb. 13, 2017 update:
- Countywide assessment is complete
- 1,055 parcels with damage (excl. HHI)
 - 71 with damaged structures >50% (excl. HHI)
- Estimated cost \$34,108,749
 - Does not include ToHHI's 19,688 parcels inspected. These numbers will not be available until next year when annual permitting reports are available to value cost of all permitted repairs
- County Building Inspection has issued 356 emergency related permits (414 building, 52 electrical)



Town of Hilton Head Island Damage

- As of Feb. 8, 2017:
- Assessment is complete
- 2,858 parcels with damage
 - 30 with damaged structures >50%
- Estimated cost \$74,786,792
- Town Building Inspection has issued 832 emergency related permits to date



Damage Assessment - Beaufort County

(Final Estimates Through 11/10/2016)

Location	All Parcels Damaged	Structures w/ Major Damage (>50%)	Damage (\$\$)
Unincorporated Burton/Beaufort	132	11	\$ 3,399,522
Bluffton/Okatie (Town & Unincorporated)	219	9	\$ 6,867,950
Town Of Port Royal	68	4	\$ 1,976,771
St. Helena	193	15	\$ 4,382,225
Sheldon	20	0	\$ 711,330
Lady's Island	124	11	\$ 7,174,925
Fripp Island	49	8	\$ 1,728,400
Daufuskie	16	5	\$ 1,642,500
City Of Beaufort	234	8	\$ 6,225,126
Hilton Head (Residential)	2792	28	\$ 69,113,792
<u>Hilton Head (Initial Commercial/Businesses)</u>	66	2	<u>\$ 5,673,000</u>
TOTAL	3913	101	\$ 108,895,541

NOTE 1: Damage Assessment is complete in all parts of the County



County Facilities (3/13/17)

- Facilities Management reported damage to 178 separate facilities / structures / grounds
- Cost summary \$482,437
- Much of the work was done by staff
- Staff working with Insurance Reserve Fund prior to submittal to FEMA for Public Assistance
 - Received approx. \$65,000 to date from IRF
- Debris on sites being cleared by Public Works, Grounds, and/or the County's contractor
 - Cost included in Debris Removal costs



Beaufort County Facility Management
Facility Inventory

as of March 13, 2017

#	Facility	Location	Description	Latitude/Longitude	Damage to Building	Cost or Estimate of Repairs	Damage to Grounds
1	4P Quaker Ct. Open Land Trust		Open Land Trust				tree down blocking road and sides of road need trimming
2	16 John Galt Road	16 John Galt Road	office-Clemson Extension	35.425943, -80.718581			
3	2/A Home Building	104 Ribaut Road, Beaufort	Single story building	35.437476, -80.880485			
4	4/A Home Nature Park	2540 Apalache Drive, Beaufort	Preserve Park	35.395067, -80.867617			1 stump in entrance, numerous trees down
5	Adams Open Land Trust	On Stanley Farm Road	Open Land Trust				Roadway is overgrown
6	Administration Building	100 Ribaut Road, Beaufort	Multi-story bldg	35.438965, -80.880002	Wet carpet & ceiling tiles in Register of Deeds, Assessor's Office, Employee Services and Building Codes.	est \$750,000	Stumps needs to be removed
7	Agnes Major Community Center	21 Agnes Major Road	Single story bldg, ball fields	35.800881, -80.797498			
8	Alley Boat Landing	265 Alley Road	Boat Landing/Boat system	35.214563, -80.847280			
9	Atlanara	141 Raleigh Road	Preserve Park				Trees down at the back of the Park, Leaning trees in front outside fence
10	Animal Shelter	25 Shelter Church Road, Beaufort	Single story building	35.479665, -80.730238			
11	Animal Shelter Cat Building	25 Shelter Church Road, Beaufort	Single story building				
12	Animal Shelter Clinic	25 Shelter Church Road, Beaufort	Single story building				
13	Animal Shelter Dog Building	25 Shelter Church Road, Beaufort	Single story building				
14	Baker/Tim Storage Building	108 Sheldon Road					
15	Baker Field	70 Baygall Road, Hill	ball fields, concession stands, restrooms	35.241352, -80.861680	Restroom building/stander damage Fence Damage	est \$2800.00	4 stumps needs to be removed
16	Beaufort Landing	New MacLevey's Corner	Rural and Critical Lands				
17	Beaufort Green Complex	1500 Rodgers Street	ball fields, restrooms, concession stand	35.485381, -80.877008	Shinglewater paper trailing from dumpster	Est. pending	
18	Bethany Creek High School Pool	One Blue Dolphin Drive, Beaufort	pool				
19	Bethany/Mason Open Land Trust	Lucy Creek	Open Land Trust				
20	Beaufort County Govt Center South	526 William Hilton Parkway					
21	Beaufort High School Pool	86 Sea Island Parkway, Beaufort	pool				
22	Beaufort Library	301 Scott Street, Beaufort	Multi-story bldg				
23	Beaufort/Ferris Courts	1105 Bladen Street	Tennis Courts, restrooms	35.436198, -80.878786	tennis nets are down	est \$134.15	
24	Bev 85 Traffic Sig./Rec. Mgmt.	113 Industrial Village Road, Beaufort	2 story bldg walk-on grade	35.436066, -80.721498			
25	Bev 11 Engineering	104 Beaufort Industrial Road	single story bldg, slab on grade	35.433847, -80.718580			
26	Bev 18 Finance, Purchasing, Risk Mgmt.	106 Beaufort Industrial Road	single story bldg, slab on grade	35.433763, -80.718512			File of debris by entrance
27	Bev 1-Staff Bldg., Clemason Extension	102 Burton Hill Road, Beaufort	single story bldg, slab on grade	35.433876, -80.718610		est. 9540.00	
28	Bev 14 Voters Registration	16 John Galt Road, Beaufort	Single story building	35.435195, -80.718000			
29	Burton Golf	2 Ridge Street, Bluffton					
30	Burton Golf Site	25 Benton Field Road, Bluffton	Attendants Office, canopy	35.230195, -80.850586			
31	Burton Gym	61 Ulmer Road, Bluffton		35.228118, -80.851736			2 stumps needs to be removed
32	Burton Library	120 Palmetto Blwy, Bluffton		35.241507, -80.857116	2 metal awn shutters torn off by wind, Sun shade on left side broken, ceiling tile wet, tree on fence. Fence damage.	est \$1,108.00	



Beaufort County Facility Management
Facility Inventory

as of March 13, 2017

#	Facility	Location	Description	Latitude/Longitude	Damage to Building	Cost or Estimate of Repairs	Damage to Grounds
33	Wilton Wells	81 Ulmer Road, Wilton		33 238100, -80 851524	Fence Damage	Est pending	
34	Wilton Pool	35 Pinchard Park Road, Wilton				est \$275.00	
35	Wilton Public Works	6 Berton Field Road, Wilton		33 256068, -80 852836	Tree on fence - removed, fence damaged	Est pending	
36	Wilton Pump House	Ulmer Road					
37	Wilton Storage Building	Ulmer Road					
38	Bob Jones Field	2712 Jones Avenue	bat fields, concession stands, restrooms				
39	Booker T. Washington Center	110 Booker T. Washington Circle	single story bldg., basketball court, playground				
40	Brookyard Creek Landing	375 Intokyard Pt. Road	boat landing				
41	Brook Shade Park	4 Hainsbury, HH	shade Park	33 171282, -80 784821			
42	Brook River Boat Landing	1050 Robert Smalls Parkway	boat landing				
43	Brook River Pier	1000 Robert Smalls Parkway					
44	Brook River Restrooms	1050 Robert Smalls Parkway	Restrooms at pier				
45	BRCC Beaufort Recovery Operation Center	Hampton, SC					
46	Brookfield Community Center	200 Intokyard Point Road, Beaufort	single story bldg., ball fields, dugout	33 462671, -80 865138	Front door broken/window pane broken	est \$245.00	
47	Bruce Rodgers Field	216 1 st St., Port Royal	bat fields, restrooms	33 374853, -80 867577			
48	Buckingham Boat Landing	55 Fording Island Road Ext.	boat landing	33 200543, -80 794410			
49	Buckwater Park	805 Buckwater Parkway	Restroom, concessions	33 293381, -80 803888			
50	Buckwater Parkway	Buckwater Parkway	15 miles of pathway			est \$4,480.00	
51	Buckwater Rec Center	805 Buckwater Parkway		33 249410, -80 803888			
52	Buddy Lubin/Gao Van Hanten Landing	40 Station Creek Road	boat landing/boat system/House	33 321267, -80 805430			
53	Burton Wells Complex	1 Middleton Recreation Drive	bat fields, concession, restrooms, building	33 435823, -80 784875			
54	Burton Wells Lake	80 Burton Wells Road	lake/pond	33 435749, -80 787187	Large tree leaning against restroom and fence structure	Est pending	One tree needs to be removed and stump 2 stumps inside of fence. Tree leaning near restroom
55	Burton Wells Park	85 Burton Wells Road	bat fields, concession stands, restrooms			est \$1,644.00	
56	Burton Wells Park Restroom, prize box, concessions	1 Middleton Recreation Drive		33 436303, -80 771388			1 stump near entrance to soccer field
57	Butchers Island Landing	10 Butch's Road	boat landing	33 408103, -80 486652			
58	C.C. Hight, Jr. Boat Landing	1540 Fording Island Road Ext.	boat landing/boat system				
59	Camp St. Mary's	119 Camp St. Mary's Road	4 structures	33 343719, -80 851025	Fence damage	Est pending	
60	Chaplin Park	11 Quaker Hill/Hard Island, SC	4 buildings and ball field	33 194576, -80 707981			
61	Coffin Point Drop Off Center	10 Oak Oak Road	single story building				
62	Coscare Community Center	140 Coscare River Drive	single story bldg., playground				
63	Cottrells Office	1000 Old Shell Road, Port Royal	single story	33 384523, -80 883485			



Beaufort County Facility Management

Facility Inventory

as of March 13, 2017

#	Facility	Location	Description	Latitude/Longitude	Damage to Building	Cost or Estimate of Repairs	Damage to Grounds
64	Courthouse	102 Ribaut Road, Beaufort	Multi-story bldg.				
65	Courten-Tate Park	10 Springfield Rd., Beaufort, SC 29907		30.460796, -80.101603	Fence damage	est \$950.00	3 stumps in parking lot; debris at entrance
66	Cross Island Boat Landing	66 Heineman Way	Boat Landing/boat system	30.105406, -80.772536			8 leaning trees and debris.
67	Crowings Park	4 Hag Point Court, H46	Ball Fields, concession, restrooms	30.171702, -80.768098	Fence Damage	est \$1,740.00	Pine trees, debris and 151 stumps needs to be removed
68	Cypress Lake	124 Lady's Island Drive, L1 29607	Recreation Park, building		Tree removed from Roadwork	est \$1,700.00	
69	Cuffy Drop Off Center	150 Cuffy Road	Single story building				
70	Dale Community Center	15 Community Center Road	Single story bldg., ball fields, restrooms, ball court				
71	Deafuskie Island Boat Landing	13 Hag Point	Boat Landing/boat system				
72	Deafuskie Island Restrooms	New River					
73	Deafuskie Island Store	New River					
74	Del Webb Pk Station	25 William Pope Drive, Hilton Head					
75	Denton Center	106 Ribaut Road, Beaufort	Multi-story bldg.				
76	DNA Lab Sheriff's Office	111 Industrial Village Road	Office				
77	DNH Broad River Residence	459 Broad River Drive, Beaufort	single story residence				
78	DNH Chase	3 Chase's Way	single story residence				
79	DNH Clearwater Admin Building	100 Clearwater Way					
80	DNH Clearwater Wash. Building	100 Clearwater Way	DNH Office				
81	DNH Cottage Walk	18 Cottage Walk	DNH Residential house				
82	DNH Fraser Drive	304 Fraser Drive		30.431666, -80.690486	Tree is leaning on fence, damaged	est \$2,250.00	
83	DNH Lakes Crowings	75 Lakes Crowing Blvd., Bluffton					
84	DNH Little Capers	260 Little Capers Road	single story residence				
85	DNH Office	1806 Old Shell Road, Port Royal	Single Story Building				
86	DNH Palmetto Ridge (property only)	3012 Palmetto Ridge Street, Beaufort	Property only				
87	DNH Payton	6 Payton's Way	single story residence	30.442966, -80.635902	Tree on roof, removed, roof damage	est \$1,400.00	Stumps need to be removed
88	DNH Pinewood	210 Pinewood Circle, Bluffton, SC					
89	DNH pottery Building	100 Clearwater Way					
90	Eddings Point Boat Landing	168 Eddings Pt. Road	Boat Landing				
91	Ridge Glen Boat Landing	305 Okeche Highway	Boat Landing/boat system				
92	Facilities Maintenance Office	142 Shanklin Road, Beaufort	Single Story	30.466500, -80.747950			Fnc maintenance office tree leaning
93	Federal Courthouse	1501 Ray Street, Beaufort	Multi-story bldg. Leased to St. John's				
94	Fort Prescott	St. Helena Island		30.369804, -80.643775	Fence damage	Est. pending	Trees and stumps inside fence



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Facility Inventory

as of March 13, 2017

#	Facility	Location	Description	Latitude/Longitude	Damage to Building	Cost or Estimate of Repairs	Damage to Grounds
95	Fuel Manager's Office	Shanklin Road					
96	Fuel Site	Shanklin Road	4 pumpoutstation				
97	Garvey Hill Open Land Tract		Open Land Tract				tree down blocking road and sides of road need trimming
98	Gates Drop Off Center	130 Castle Rock Road, Beaufort	Single story building				
99	Gentrys Hill Landing	395 Carterboro Road	Boat Landing/float system				
100	Grounds Maintenance Office	136 Shanklin Road, Beaufort	Single story	30 402580; -80 748186	Building flooded, water damage, tile damage	Est. pending	
101	H.E. Trask, Jr. Boat Landing	305 Seawall Cove Road	Boat Landing/float system				
102	Health Center	600 Wilmington Street, Beaufort					
103	Health Center/CHC	1407 King Street, Beaufort					
104	HH Island Library	11 Beach City Road, Hilton Head		30 519414; -80 712142			13 stumps, 5 leaning trees
105	HH Airport Hangars	120 Beach City Road, HH					
106	HH Airport Terminal	120 Beach City Road, HH		30 526405; -80 661157	Roof soffit section missing		
107	HH Airport Tower	120 Beach City Road, HH					
108	HH Island Airport CFR	120 Beach City Road, HH					
109	HH Island Government Center	559 William Hilton Parkway		30 505642; -80 666432		act \$896.00	10 stumps and 2 leaning trees
110	Hilton Head Park	150 William Hilton Parkway, HH	2 tennis courts, basketball court	30 514782; -80 751623	Fence damage	Est. pending	Debris from basketball court area needs to be removed, 7 stumps
111	Human Services Building	1605 Duke Street, Beaufort	Multi-story bldg				
112	Jacksons Pier	76 Jacksons Road		30 522647; -80 775821			4 stumps, 8 small tree leaning
113	Lady's Island Airport Hangars	41 Airport Circle		30 410425; -80 623646	One foot damage from water intrusion/light suit water damage	Est. \$479,465.00	
114	Lady's Island Airport Terminal	41 Airport Circle		30 410445; -80 623646	sewing/water damage, extensive damage to building, runway lighting damage		
115	Law Enforcement Center/EOC	3507 Duke Street, Beaufort	Multi-story bldg	30 406567; -80 666523	Light pole damaged, back door closer damaged, fence damage	act \$1025.00	Hanging limb near powerline
116	Lemon Island Migration Point	Southern Beaufort County	Runk and Official Lands				
117	Leroy Brown Center	41 Bell Park Road		30 396027; -80 561467	Fence Damage	act \$0 321.00	debris by entrance to property
118	Lind Brown Community Center	1007 Hamar Street, Beaufort	Gym, pool		Gym has water on floor under a/c vent		
119	Lobasco Library	1892 Trask Parkway, Lobeck		30 520022; -80 744732			Debris needs to be removed, debris located at entrance
120	Lobasco Drop Off Center	6 Kears Neck Road	Single story building				
121	M.C. Riley Park	185 Goethe Rd., Bluffton	Concession stand, restroom, ball fields	30 541136; -80 661015	Missing shingles	act \$1,100.00	Debris, 2 stumps, 11 small stumps and 1 leaning hanging limb.
122	Magallow/Sheff Lobeck	1880 Trask Parkway					
123	Marine Rescue Squadron/Conservation	817 Parks Ave., Port Royal, SC		30 375666; -80 650837	Missing shingles, ceiling leaks, soffit damage		
124	MarineLand Landing	87 Marshland Road	Boat Landing/float system				
125	McGrawey's Corner	3035 Ochsle Highway	Property only	30 260711; -80 607623			Tree down

Beaufort County Facility Management
Facility Inventory

as of March 13, 2017

#	Facility	Location	Description	Latitude/Longitude	Damage to Building	Cost or Estimate of Repairs	Damage to Grounds
126	Wet Field	1012 National Street	Wet Field				
127	Mosquito Control	64 Shanklin Road, Beaufort	Single story	33.403675, -80.743186	Roof leaks	no damage	
128	Mosquito Control-Header	36 Airport Circle		33.403680, -80.603685	Cardboard gate has salt water damage	\$13,411.00	
129	Mosquito Control Main Shop	64 Shanklin Road, Beaufort			Roof leaks		
130	Mosquito Control Main Shop	25 Airport Circle		33.403685, -80.603613	water damage, extensive damage. Held office one foot of water in building		
131	Mosquito Control-Chemical Storage	64 Shanklin Road					
132	Motorola Maintenance Shop	144 Shanklin Road, Beaufort	Single story	33.404105, -80.743581			
133	Myrtle Park	4019 Stutton Parkway, Stutton	Multi-story bldg	33.346671, -80.853639	Ceiling tile damage and exterior damage. Metal roof damage, ceiling tile water intrusion and well seep	\$47,500.00	Two stumps needs removing
134	Okeefe Wood Open Land Trust	Off of Cecil Reynolds Drive	Open Land Trust				Trees down blocking road and slope of road need trimming
135	Old House Creek Pier	50 Sterling Point Drive	Pier	33.390585, -80.767941			Old House Creek trees down and debris
136	Oscar Frazier Park	37 Shultz Road, Stutton, SC	Wet Field, concession stand, restrooms	33.346661, -80.853636			2 stumps inside since tree down at back of property
137	Page Point Boat Landing	66 Page Point Landing Road	Boat Landing				Debris in wetland area
138	PALIS Office	1514 Richmond Avenue, Port Royal	Single story bldg, slab on grade	33.376602, -80.666547	Tree on fence, fence is crushed.		
139	Parris Island Boat Landing	50 Marina Blvd.	Boat Landing/boat system	33.377727, -80.718686			
140	Paso Range	130 Shanklin Road, Beaufort					
141	Port Royal	50 Sands Beach Road	Boat Landing/boat system				
142	Pittsford Point Open Land Trust		Open Land Trust				Trees down blocking road. The roadway is over grown and needs trimming
143	Pittsfordville Drop Off Center	54 Gilbert Road	Single story building				
144	Public Works Building and Garage	120 Shanklin Road, Beaufort	Single story	33.402165, -80.748676	Building flooded, ceiling tile damage, floor tile damage, 7 offices	\$10,798.00	
145	Public Works Open Storage Building	120 Shanklin Road, Beaufort		33.402065, -80.748666	Baylight on roof of building is missing, roof damage	\$1,154.72	
146	Records Management	2727 Depot Road					
147	Rose Point Boat Landing	15 Rose Pt. Landing Road	Boat Landing/boat system				
148	Serra Point Boat Landing	1004 Serra Pt. Landing Road	Boat Landing/boat system				
149	South Community Center	240 Scott Hill Road, St. Helena	Single story bldg, court, playground, ballfields	33.386665, -80.603236	Grass down. Tree on power line	\$18,000.00	Debris needs removing
150	Seaside Community Center	122 Seaside Road, St. Helena	Single story bldg, basketball court, playground	33.407305, -80.503606			one tree and stump needs removing. 1 trailer
151	Senior Citizens Center	1408 Parris Avenue, Port Royal		33.379452, -80.660216	Debris on roof	routine work order	
152	Senior Citizens Center-Rubin Wells	2 Middleton Recreation Drive	Single story building				
153	Shanklin Drop Off Center	60 Shanklin Road Beaufort					
154	Shanklin Drop Off Center (old)	132 Shanklin Road, Beaufort	Single story building (closed)				
155	Shanklin Drop Off Center	258 Page Point Road	Single story building				
156	Shell Point 800 bldg Buildingtower	59 Cleveland Drive, Beaufort	Re-hab 2011				

Beaufort County Facility Management

Facility Inventory

as of March 13, 2017

#	Facility	Location	Description	Latitude/Longitude	Damage to Building	Cost or Estimate of Repairs	Damage to Grounds
152	Shel Point Elementary Field	Sevensh Hvy (202) Burton	Sat Fields, School lease				
153	Shel Point Park	301 Broad River Drive	2 tennis courts, ball fields, restrooms				Pole tree leaning in entrance to park
154	Shel Point Property	985 Paria Island Parkway	Parcel of property				
160	Shel Point Repowerhouse Building	19 Cedarwood Street, Beaufort					
161	Shelby's Annex	2727 Depot Road					
162	Shelby's Camp	113 Chesser Creek Bluff, Beaufort	One single story building	32 261376, -80 627136			Debris outside of fence needs removing, stumps
163	Shelby's Gym	2727 Depot Road					
164	Shelby's Impound lot	134 Shanklin Road					
165	Shelby's Office Annex	1625 Duke Street, Beaufort	Single story building leased building	32 436456, -80 665660	Tower down, building damaged, fence damage	est \$625.00	
166	Shelby's Office Heli Hangar	227 Sea Island Parkway, LI		32 486253, -80 627156	Missing metal wall panels damaged	est \$646.00	
167	Shelby's Office Spec Ops	1021 Okale Highway	office				
168	Shelby's Storage	2727 Depot Road					
169	Stromonville Drop Off Center	134 Stromonville Road				est \$100.00	
170	Southside Tennis Courts	1407 Battery Creek Road	Tennis Courts, restrooms	32 364304, -80 666681	Back board on tennis court leaning, fence damage, light poles are leaning	est \$1,697.00	Debris needs removing trees and stumps on back side of property
171	Spanish Moss Trail	Between Rosecody Hwy 280	1.5 miles		Numerous wetlands		
172	St. Helena Drop Off Center	629 Sea Island Pkwy, Beaufort	Single story building	32 486246, -80 566233			Debris at entrance needs removing
173	St. Helena Library	6225 Jonathan Francis St. Road, St. Helena		32 367963, -80 571353	Door to dumpster enclosure is damaged	est 9000.00	Debris needs removing
174	Stanton Creek House	36 Stanton Creek Drive		32 321664, -80 607260	Roof damage, shingles missing	est 96,000.00	Station Creek debris
175	Steel Bridge Landing	863 Chatterton Hwy	Roat Landing/float system				
176	Storm Water Building	120 Shanklin Road, Beaufort	Single story Building				
177	Storm Water Building #2	138 Shanklin Road	Offices (old Coroner's Office)				
178	Sugar Hill Landing	40 Sugar Hill Landing Road	Roat Landing	32 670676, -80 755470			Debris needs removing 2 large trees down
179	United Way Building						
180	Wildace Landing	245 Sam Doyle Drive	Roat Landing				
181	Warehouse	2727 Depot Road	US National Management Building/Storage				
182	Waterside Storage	1678 Sea Island Pkwy, St. Helena	Property only				
183	Wetley Field Park - St. Helena Park	185 Bell Park Road, St. Helena Is.	Baseball field, softball's, concession stand	32 369134, -80 556567	Fence damage	est \$2145.00	Paint 1 debris and stumps
184	White Hall Landing	32 Sea Island Parkway	Roat Landing/float system				
185	Wimbrow Landing	950 Wimbrow Landing Road	Roat Landing/float	32 571661, -80 670130			

updated 3/13/17

\$482,436.00



Town HHI Facilities

- The Town also received damage to Parks, government buildings, and other Public facilities – repair costs estimated at \$430,000
- Significant projects include:
 - Fire/Rescue HQ and Fire Stations 1, 2, 4 and 5 roof and gutter repair
 - Town Hall roof repair
 - Sailing and Rowing Center dock repair



Town HHI Facilities

- Significant projects (continued)
 - Honey Horn: Main House and Hay Barn Roof, dock repair
 - Crossings Park: Lighting, awning and scoreboard repair
 - Misc. playground and fence repair at Town Parks



Town of HHI Beach Renourishment

- The Town was currently under contract for routine beach renourishment prior to Hurricane Matthew
- Due to damage caused by the storm, an additional scope of work was added by change order
- Cost of Hurricane damage renourishment (repaired to date) is \$3,547,044
- Additional project to repair south-end beach is estimated to cost as much as \$7,500,000



Public Assistance (PA) Projects

- The following list of projects has been submitted to FEMA for consideration under PA during our “kick off” meeting 11/10/16:
- Debris Removal - **\$31,941,077**
 - Paid out \$18,256,581
 - Pending payment \$1,542,515
- Emergency Response - \$2.5 million
- Facility damage
 - Boat ramp damage
 - Recreational Facilities
- Road damage



Significant PA projects

- Lady's Island Airport Terminal, Hangars, and Airfield Electrical and Lighting- \$ 404,391 (does not include Mosq. Control hangar and contents, and additional Terminal repairs, and additional Sheriff's Hangar repairs)
 - Cost in Facilities Management damage assessment
- Flyover approach embankment erosion and Spanish Moss Trail causeway erosion - \$597,905
- Boat Ramp Repair - \$184,996



Significant PA projects

- Central Drive causeway - \$1.33 million
 - Central Drive Repairs awarded on Nov. 22, 2016 to Andrews Engineering, J.H. Heirs, and O'Quinn Marine team. Completion by May 21, 2017

Projected: \$40-50 million

cost share \$10-13 million

Total to date: \$37,036,415

25% = \$9.3 million

Paid to date = \$22,646,929

Encumbered: \$36.7 million



HHI PA status

- In addition to debris and damages, the Town had \$6,250,000 in initial emergency response costs
- On March 7, 2017, the Town gave first reading approval to bond anticipation funding in the amount of \$20 million
- Total cost estimated at \$82 million



County Operations

- The following departments and agencies with recovery functions have reported “normal operations”
- Animal Services
- Mortuary Services
- Schools
- EMS
- PALS (although they continue to assist HSA)
- Utilities
- Planning and Zoning



County Operations

- The following departments and agencies with recovery functions are still managing Hurricane Recovery:
- Public Works
- Stormwater
- Facilities Management
- Engineering
- Building Inspection
- Assessor's Office
- Legal / Finance / Admin.
- Communications



Public Information

- Website has the most current staff reports and data

www.beaufortcountydasterrecovery.net

- Staff continue to update WebEOC, an internal program, on status, activity, needs, and damages. This will serve as documentation to FEMA for the storm event



End



Beaufort County Hurricane Matthew Recovery Briefing

Hilton Head Area Association of REALTORS
February 14, 2017

Individual Assistance (IA)

- FEMA's status:
 - Disaster Recovery Centers (DRC) now closed
 - Disaster Survivor Assistance (DSA) teams have ended operations
 - Deadline to register for IA has passed
- Citizens with registered cases can get updates on their cases by calling 1-800-621-3362 or go to www.disasterassistance.gov



“Long Term Recovery Team”

- Beaufort County Human Services Alliance (HSA) has partnered with United Way and numerous other NGOs to establish a long term recovery team within the framework of “Volunteers in Action during a Disaster” (VoAD).
- Citizens can call 843-524-HELP or 211 to seek assistance.
- Long term case management is a growing need. HSA is working to define a process to work with outside agencies to hand off cases when needed. SCEMD has hired an outside case management firm to assist if needed.
- VoAD is filling a Long Term Recovery Specialist position to transition into Case Management



Human Services Alliance

- HSA, PALS, and United Way worked together to coordinate a donation drive for food, clothes, money, Christmas gifts. We received:
 - 10 bags of clothes
 - 2 bags of new toys
- Donations benefitted Bluffton Self Help and HELP of Beaufort
- Volunteer groups and those offering free or discounted services should call United Way of the Lowcountry to register their resources.



Volunteer groups and agencies with significant contributions

- United Way of the Lowcountry
- Beaufort County CERT
- Samaritan's Purse / Lowcountry Community Church
- Hilton Head Island Rotary Club
- Holy Family Catholic Church
- Praise Assembly
- Others



Human Service Alliance Stats

- Volunteers (Number of People): 914
- Time Dedicated to Hurricane Recovery Efforts (hours served): 12,250
- Case Load: 1,320
- Beaufort County Disaster Relief Fund:
 - Funds to date: \$36,768.25



Summary of HSA needs

United Way of the Lowcountry
Disaster Recovery – Community Needs
3/13/2017



<u>Referrals</u>	1316	<u>Number of unique callers</u>	1089		
Short-term housing	Tree removal from house	Utility	Emergency MRE's	Prescriptions	
85	60	182	11	11	
Long term housing	Tree leaning	Rental	Hot meals	Transportation	
45	61	132	32	16	
Storage Needs	Debris removal from yard	Clothing	Food Pantries	Gas	
12	101	47	209	12	
Movers	Home repair needs	Diapers/baby needs		Employment	
4	132	11		20	
	Water testing				
	4				
					131

1 – appliances
1 – Painting
1 – load of fill dirt
9 – Thanksgiving
91 - Christmas
1 – Chemo
1 – House Fire
2 – Car payments
4 – Other County
12– DRC's
1– Moving a trailer
1 – set up costs for mobile home
1 -Car parts
1-Dental
1-Propane



Ongoing Needs

- Home Repair
 - Hilton Head Island, pockets of Bluffton, and isolated cases in Jasper County
 - To volunteer or donate, contact The Deep Well Project at 843-785-2849.
- Financial Need
 - Related to past due utility bills and rent; loss of employment/wages; home repairs; and insurance deductibles
 - To donate, contact United Way of the Lowcountry at 843-982-3040 or Community Foundation of the Lowcountry at (843) 681-9100.

