

Beaufort County
Hurricane Matthew
Recovery Briefing
January 23, 2017
(Day 108)

A Report to County Council



Outline

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



Public Road Debris

- As of January 19, 2017:
 - 1,325,102 CY collected from Public Roads (27,477 loads)
 - 174,898 CY estimated remaining *
 - As high as 122 trucks operating; currently 38
 - 61,368 hanging limbs removed
 - 3,095 leaning trees removed
 - 209 stumps removed
- 4 Debris Management Sites
- 77th 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 complete by end of Feb.

* Based on 1.5 mil. CY to be collected. Does not include stumps, SW and Marine Debris sites



Town of Hilton Head Island Debris

- Separate Contract with Crowder – Gulf
- Estimated total cost for Debris = \$50 mil.
 - Expended to date: \$4.2 mil (through Nov. 2)
- Estimated total volume for Debris = 2.5 mil C.Y.
 - Collected to date: 1,819,898 CY (through 1/18/17)
 - Hangers 42,402
 - Leaners 5,256
 - Mulch removed 612,968 CY
 - Sold to paper mill, local farms, Oakwood Landfill, Fire wood 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



BEAUFORT COUNTY, SC

FEMA-4286-DR | SC - HURRICANE MATTHEW

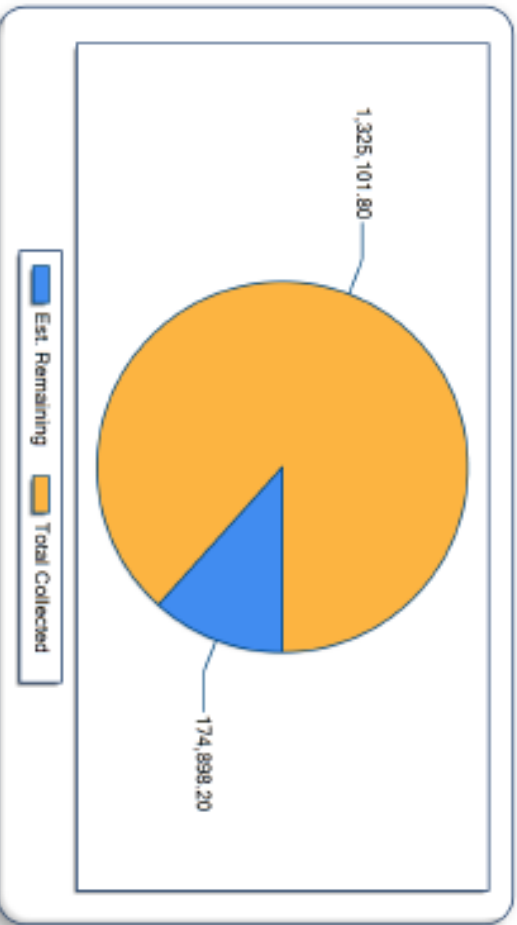
ROW COLLECTION

Daily Statistics (01/19/2017)

Daily Totals

CuYds Collected Vs. Remaining

Total Cubic Yards	12,974
VEGETATIVE/WOODY	12,974
Total Loads	254
Total Trucks Operating	38
Average CuYds Per Load	51.08
Average Load Call	79.67%
Disposal Sites in Operation	4

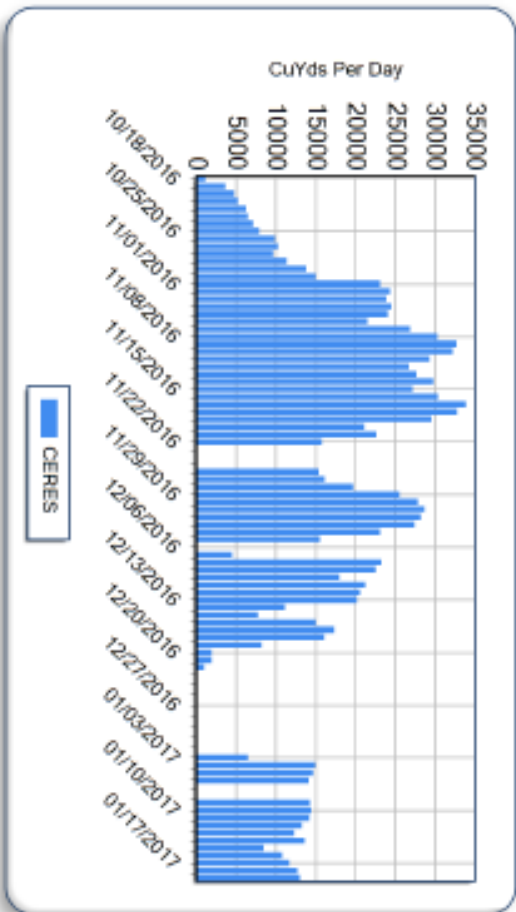


Debris Removal Status Report

Thursday, January 19, 2017

Project Totals

Job to Date Statistics	
Total Cubic Yards	1,325,102
Total Loads	27,477
Days Operational	77
Average Cubic Yards Per Load	48
Maximum Day Cubic Yards	33,776
Average Day Cubic Yards	17,209
Average Load Call	78.68%



Debris Removal Status Report

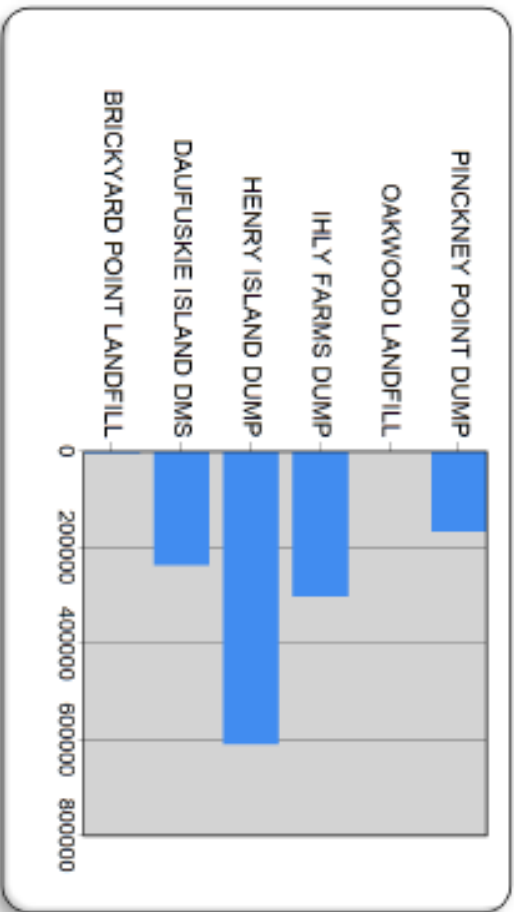
Thursday, January 19, 2017

Debris Management Sites

Today and Job to Date DMS Statistics

DMS CuYds To Date

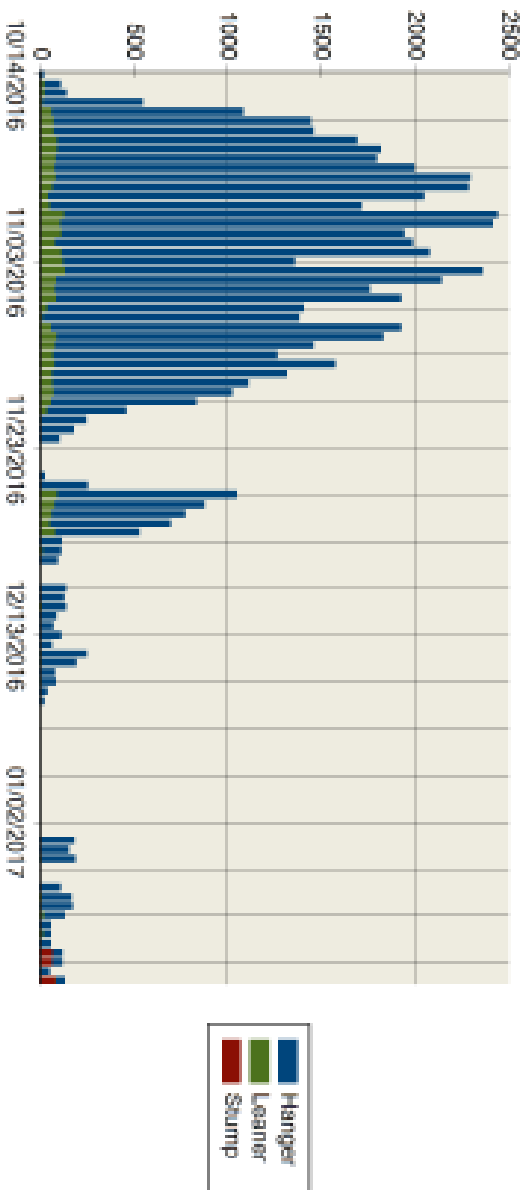
Site Name	Today	JTD
BRICKYARD POINT LANDFILL	0.0	4,809.0
CONSTRUCTION&DEMOLITION	0.0	4,809.0
DAUFUSKIE ISLAND DMS	6,634.5	238,277.7
VEGETATIVEWOOODY	6,634.5	238,277.7
HENRY ISLAND DUMP	3,446.0	610,390.4
VEGETATIVEWOOODY	3,446.0	610,390.4
IHL Y FARMS DUMP	1,811.5	302,415.6
VEGETATIVEWOOODY	1,811.5	302,415.6
OAKWOOD LANDFILL	0.0	661.7
CONSTRUCTION&DEMOLITION	0.0	661.7
PINCKNEY POINT DUMP	1,081.6	168,547.6
VEGETATIVEWOOODY	1,081.6	168,547.6



BEAUFORT COUNTY, SC

FEWA-4286-DR | SC - HURRICANE MATTHEW
ROW COLLECTION

Hazard Removals By Day



Today's Hazard Removals

Cumulative Hazard Removal

Total Crews In the Field

2

Bandage

1A-HANGER REMOVAL PER TREE

Totals

47

Landscape

2A-TREE REMOVAL 8 - 12.99 IN DIAMETER

2B-TREE REMOVAL 13 - 24.99 IN DIAMETER

2C-TREE REMOVAL 25 - 38.99 IN DIAMETER

Totals

1

1

1

Stump

90A-UNROOTED STUMP COLLECTION (PER CY) 0-14.99 MI

Totals

84

Progress to Date

	Estimated	Completed	Percent
Hanger	0	81,388	0.0 %
Leaner	0	5,095	0.0 %
Stump	0	209	0.0 %
Total	0	84,692	

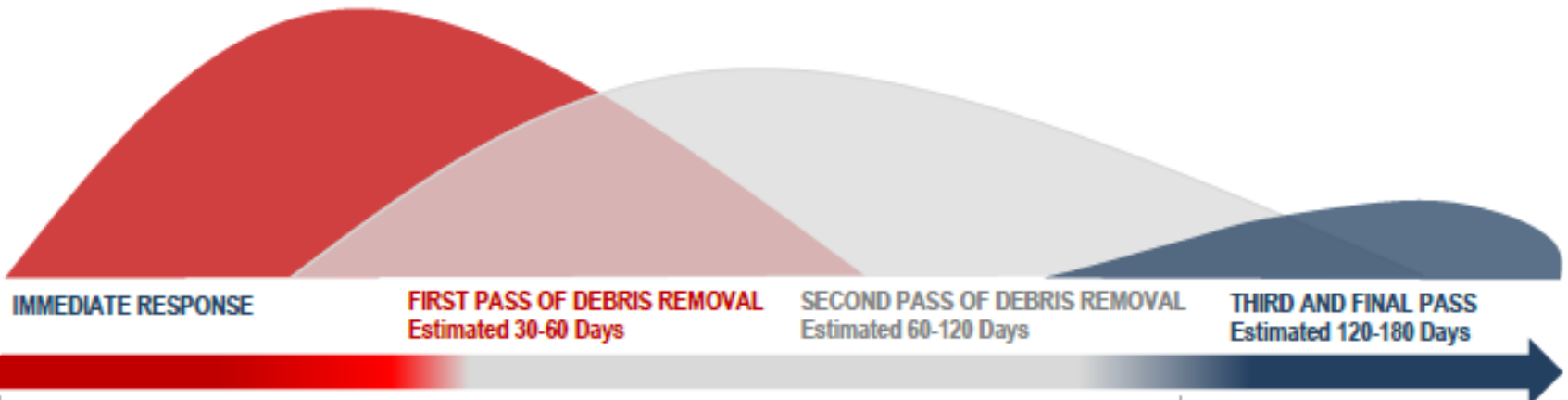
Productivity Statistics

Hanger Removal Maximum	2,313
Hanger Removal Average	777
Hanger Removal Minimum	2
Leaner Removal Maximum	136
Leaner Removal Average	46
Leaner Removal Minimum	1
Stump Removal Maximum	84
Stump Removal Average	70
Stump Removal Minimum	61



Schedule

Matthew
Impact
10.8.16



IMMEDIATE RESPONSE

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

FIRST PASS OF DEBRIS REMOVAL Estimated 30-60 Days

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

SECOND PASS OF DEBRIS REMOVAL Estimated 60-120 Days

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

THIRD AND FINAL PASS Estimated 120-180 Days

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

Public and Private Road Debris

- Residents are asked to sort Class 1 and Class 2 debris into separate piles on the right-of-way at their residence for collection. The separation categories for debris placed at rights-of-way are:
 - Class 1 waste – includes small limbs, leaves and landscape trimmings.
 - Class 2 waste – includes building materials, drywall, lumber, carpet, furniture, mattresses and plumbing items.
- The County advises residents not to block fire hydrants, stormwater ditches or utility boxes when placing items at the right-of-way



IMPORTANT NOTICE TO THE PUBLIC

- ALL debris needs to be out on the edge of the road NOW. Once 3rd and final pass occurs on the street, the crews WILL NOT return. Our monitoring firms are documenting which roads have been serviced and the County will not be able to send the crews back for a “4th pass”
- ONLY storm debris from October 7 is allowed. CERES is seeing a trend of newer, “green” debris from routine landscape maintenance being set out for collection.



Convenience Centers

- All Beaufort County Convenience Centers are accepting limited amounts of non-storm generated yard waste (Class 1)
- Class 1 waste accepted at Convenience Centers includes small limbs and landscape trimmings. No leaves will be accepted at Convenience Centers. Capacity for this material is limited. No trailers or large loads will be accepted. Residents who wish to drop off waste in bags should use paper bags. Plastic bags are prohibited



Private Road Debris (PPDR)

- On October 29, 2016, FEMA approved the County's request to remove debris from private roads
- As of January 20, 2017, FEMA has approved private roads in 76 communities for PPDR. 1 others are pending approval. None to be submitted. 4 withdrawals. 3 denied (driveways)
- As of January 5, 2017, the "first pass" has been completed in 61 of the 70 communities; 54 have had a "second pass"



PPDR as of Jan. 20, 2017

- Battery Point
- Battery Townhomes
- Bay Pointe Vistas
- Beach Field
- Bermuda Bluff
- Bloody Point
- Blue Gray Estate
- Bluffton Park
- Callawassie Island
- Cane Island Retreat
- Cat Island
- Cedar Cove at Haig Point
- Cedar Lake
- Celadon
- Cheechessee Creek
- City Walk
- Coffin Point Plantation
- Colleton River
- Coosaw Point
- Dataw Island
- Distant Island
- Edgefield
- Fernlakes
- Fripp Island POA
- Haig Point Club
- Harbor Island
- Heritage Lakes
- Heyward Point
- Hidden Lakes
- Inlet @ Bermuda Bluff
- Islands of Beaufort
- Liberty Point
- Live Oaks at Battery Creek
- Marshes at Lady's Island
- May River Plantation
- May River Preserve
- Melrose Resort
- Meridian Cottages
- Moss Creek
- Oakridge
- Olde Tabby Park
- Oldfield
- Overlook at Battery Creek
- Picket Fences
- Pinckney Retreat
- Pine Forest Village
- Pleasant Farm
- Pleasant Point
- Polawana Island
- Port Royal Landing
- Ribaut Island
- River House Plantation
- River Oaks
- Rose Dhu Creek
- Rose Hill Plantation
- Sandy Pointe
- Shady Glen
- Shammy Creek Landing
- Spring Island
- Stock Farm
- Tabby Road
- Tansi Village
- The Crescent
- The Farm at Buckwalter
- Traditions at Old Carolina
- Tuxedo Park
- Victoria Bluff
- Vivian's Island
- Walling Grove
- Wellstone at Bluffton
- Willow Point
- Windmill Harbour
- Wrights Point
- Yacht Club Estate



Pending PPDR 1/20/17

Pending FEMA:

- Palmetto Place

• Withdrawn:

- Hampton Hall Club
- Old Point Townhouse Condo Assoc.
- Shadow Moss
- Westgate Circle

Denied by FEMA:

- Fig Beach Club
- Mariner Horizontal Property
- The Preserve at Woodbridge

- Yet to be submitted to FEMA:
 - None

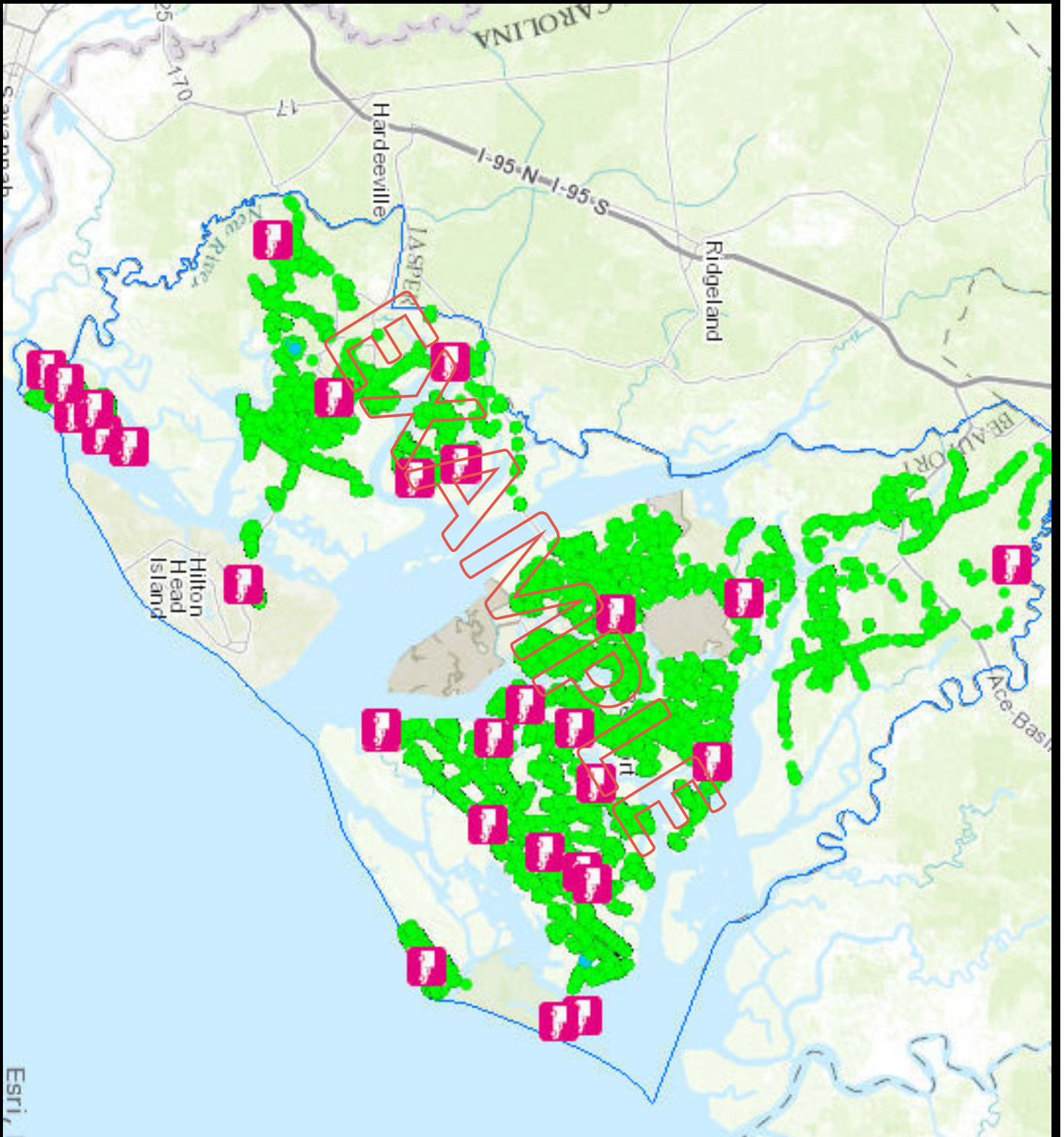


PPDR status 1/9/17

No:	Name:	Approval:	Start:	1st Pass	2nd Pass	3rd Pass	Complete:
1	Inlet at Bermuda Bluff	11/04/16	11/04/16	11/05/16	12/10/2016		
2	Distant Island	11/04/16	11/04/16	12/01/16	12/14/2016		
3	Cane Island Retreat	11/04/16	11/05/16	11/08/16	12/4/2016		
4	Callawassie Island	11/05/16	11/05/16	11/23/16	12/22/2016		
5	Fripp Island	11/05/16	11/06/16	12/18/16			
6	Pinckney Retreat	11/05/16	11/07/16	11/10/16	12/4/2016		
7	Picket Fences	11/05/16	11/06/16	11/09/16	12/9/2016		
8	Port Royal Landing	11/05/16	11/05/16	11/07/16	12/16/2016		
9	Willow Point	11/05/16	11/05/16	11/07/16	12/9/2016		
10	Overlook @Battery Creek	11/07/16	11/08/16	11/09/16	12/9/2016		
11	Marshes @ Lady's Island	11/07/16	11/08/16	11/08/16	12/10/2016		
12	City Walk	11/07/16	11/08/16	11/12/16	12/5/2016		
13	Rose Hill	11/07/16	11/09/16	11/30/16	12/17/2016		
14	Yacht Club Estates	11/07/16	11/08/16	11/09/16	12/9/2016		
15	Hidden Lakes	11/07/16	11/08/16	11/19/16	12/18/2016		
16	Fern Lakes	11/07/16	11/09/16	12/03/16	12/18/2016		
17	Datow Island	11/07/16	11/09/16	11/19/16	12/21/2016		
18	River Oaks	11/07/16	11/08/16	11/27/16	12/9/2016		
19	Farm at Buckwalter	11/08/16	11/10/16	11/17/16	12/16/2016		
20	Spring Island	11/08/16	11/10/16	12/18/16			
21	Walling Grove	11/08/16	11/09/16	11/18/16	12/9/2016		
22	Ribaut Island Reglme	11/08/16	11/09/16	11/10/16	12/09/2016		
23	Windmill Harbor	11/09/16	11/10/16	11/18/16	12/5/2016		
24	Shammy Creek	11/09/16	11/09/16	11/12/16	12/17/2016		
25	Bloody Point	11/09/16	11/10/16				
26	Edgefield	11/09/16	11/11/16	11/19/16	12/9/2016		
27	Wrights Point	11/09/16	11/10/16	11/13/16	12/5/2016		
28	Pine Forest	11/09/16	11/11/16	11/27/16	12/18/2016		
29	Tansl Village	11/09/16	11/10/16	11/17/16	12/4/2016		
30	Tuxedo Park	11/09/16	11/10/16	11/17/16	12/11/2016		
31	Haig Point	11/09/16	11/10/16				
32	Live Oaks at Battery Creek	11/10/16	11/11/16	11/16/16	12/5/2016		
33	Vvians Island	11/10/16	11/10/16	11/13/16	12/17/2016		
34	Battery Point	11/10/16	11/11/16	11/14/16	12/12/2016		
35	Pleasant Point	11/10/16	11/10/16	11/13/16	12/18/2016		
36	Stock Farm	11/14/16	11/15/16	11/17/16	12/12/2016		
37	Rose Dhu Creek	11/14/16	11/15/16	11/27/16	12/18/2016		
38	Melrose Property Owners	11/14/16	11/15/16				
39	Victoria Bluff	11/14/16	11/15/16	11/28/16	12/18/2016		

PPDR status 1/9/17

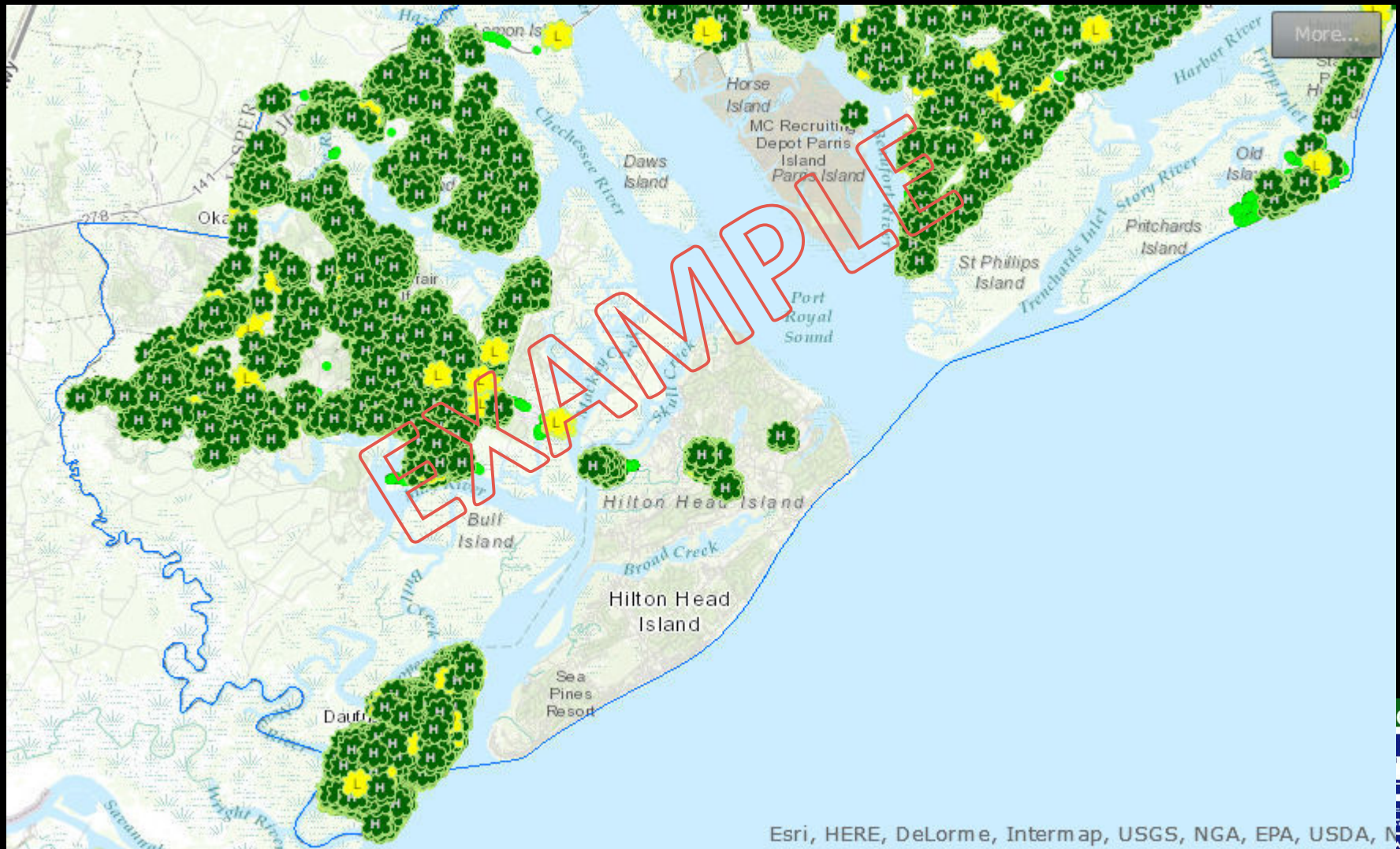
No:	Name:	Approval:	Start:	1st Pass	2nd Pass	3rd Pass	Complete:
40	Heyward Point	11/14/16	11/15/16	11/28/16	12/11/2016		
41	Bermuda Bluff	11/14/16	11/15/16	11/28/16	12/17/2016		
42	The Crescent	11/14/16	11/15/16	12/01/16	12/17/2016		
43	Polowana Island Comm	11/21/16	11/21/16	12/03/16	12/17/2016		
44	Heritage Lakes	11/21/16	11/21/16	12/09/16	12/22/2016		
45	Tabby Roads Community	11/21/16	11/21/16	12/03/16	12/17/2016		
46	Traditions at Old Carolina	11/21/16	11/21/16	11/29/16	12/12/2016		
47	Bluffton Park	11/21/16	11/21/16	11/29/16	12/12/2016		
48	Sandy Point	11/21/16	11/21/16	11/29/16	12/18/2016		
49	May River Plantation	11/21/16	11/21/16	11/29/16	12/21/2016		
50	River House Plantation	11/21/16	11/21/16	12/03/16	12/18/2016		
51	Coffin Point Plantation	11/21/16	11/21/16	12/19/16			
52	Liberty Point	11/21/16	11/21/16	11/23/16	12/4/2016		
53	May River Preserve	11/28/16	11/29/16	12/04/16	12/18/2016		
54	Harbor Island	11/21/16	11/29/16	12/16/16	12/20/2016		
55	Cat Island	11/15/16	11/16/16	11/28/16	12/11/2016		
56	Pleasant Farm	12/04/16	12/04/16	12/10/16	12/20/2016		
57	Bay pointe vistas	12/04/16	12/08/16	12/12/16	12/19/2016		
58	Wellstone 2 bluffton	12/04/16	12/08/16	12/09/16	12/19/2016		
59	Coosaw Point	12/07/16	12/08/16	12/10/16	12/18/2016		
60	Chechessee Creek	12/07/16	12/08/16	12/17/16			
61	Blue Gray Estates	12/07/16	12/09/16	12/12/16	12/17/2016		
62	Shady Glenn	12/08/16	12/09/16	12/10/16	12/22/2016		
63	Moss Creek	12/09/16	12/10/16	12/19/16			
64	Islands of Beaufort	12/17/16	12/19/16	01/04/17			
65	Battery Town Homes	12/17/16	12/19/16				
66	Cedar Cove at Hage Point	12/17/16	12/19/16				
67	Old Tabby Park	12/19/16					
68	Merridian Cottages	12/19/16					
69	Oldfield Club	01/03/17	01/04/17				
70	Beach Field	01/03/17	01/04/17				
71	Oakridge	01/03/17	01/04/17				



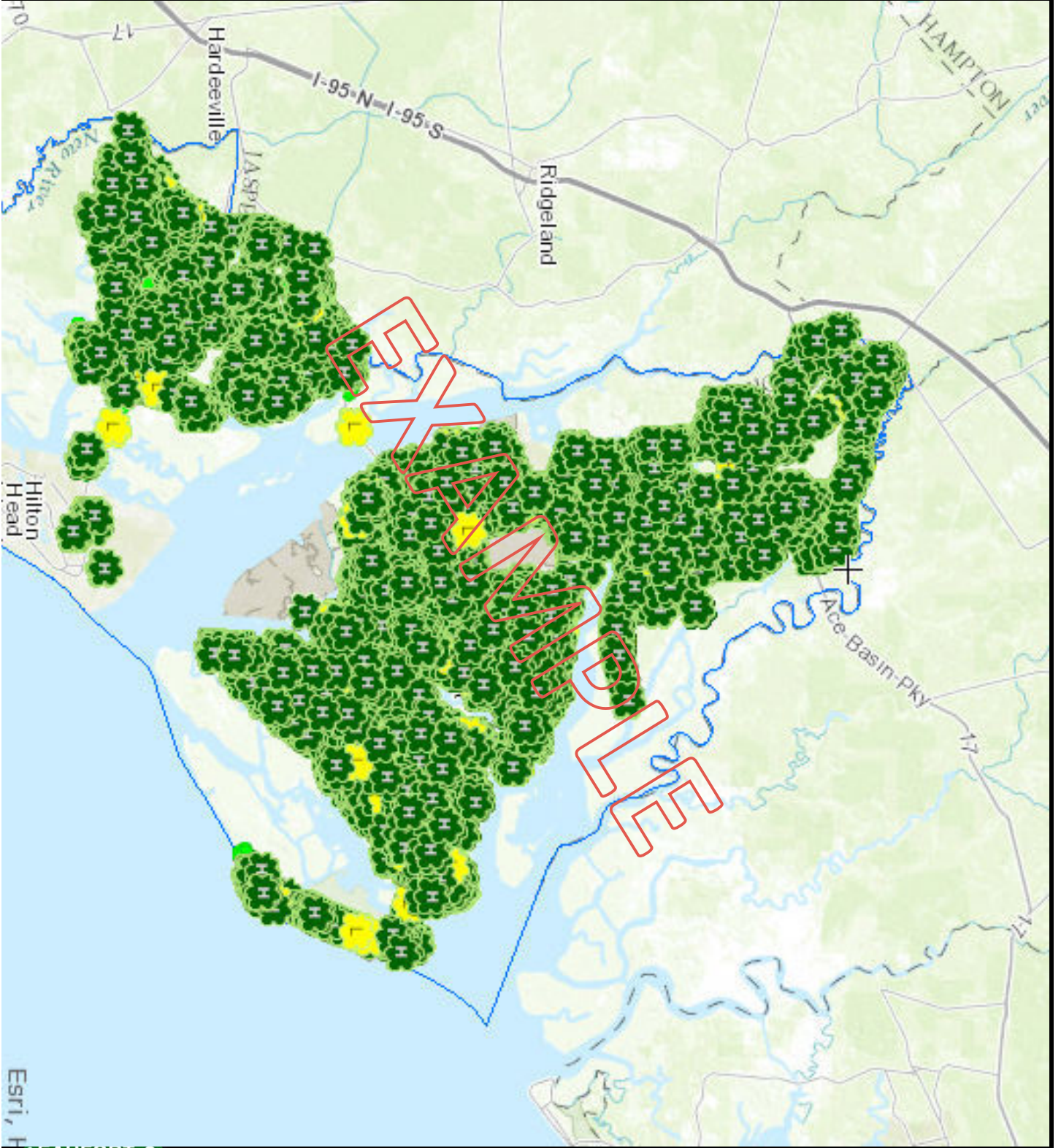
Esri



“Hangers”, “Leaners”, & Stumps



Esri, HERE, DeLorme, Intermap, USGS, NGA, EPA, USDA, N



Esri, H



Stumps

- Inventory complete
- Two categories (within ROW):
 - Extracted = 160
 - In place = 100
 - FEMA advised County all stumps are eligible for removal on January 13, 2017
- Cost is included in current task orders



Marine Debris

- Boats, Docks, other debris obstructing the navigable waters
- The County is questioning 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
 - County has requested an opinion from the Attorney General's office.



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
- Efforts are ongoing by DNR to identify and inventory the vessels and debris
- County is currently advertising for bids. Activating the mutual aid agreement with ToHHI is another option. SC-EMD and FEMA have stated we cannot change order the task to CERES.
 - Cost to remove is unknown at this time



MS4 Infrastructure Debris

- Fallen trees, woody debris washed into and blocking ditches and pipes within County maintained easements
- Identification and Inventory is complete
 - NRCS staff on site today and tomorrow for assessment
 - Cost estimate \$524,036
- Pursuing USDA funding prior to submittal to FEMA as part of Public Assistance
 - Allows 100% reimbursement for monitoring up to 7.5% of debris cost
- Follows same time frame as other debris
 - If awarded USDA funding, we have 220 days from the date of the agreement

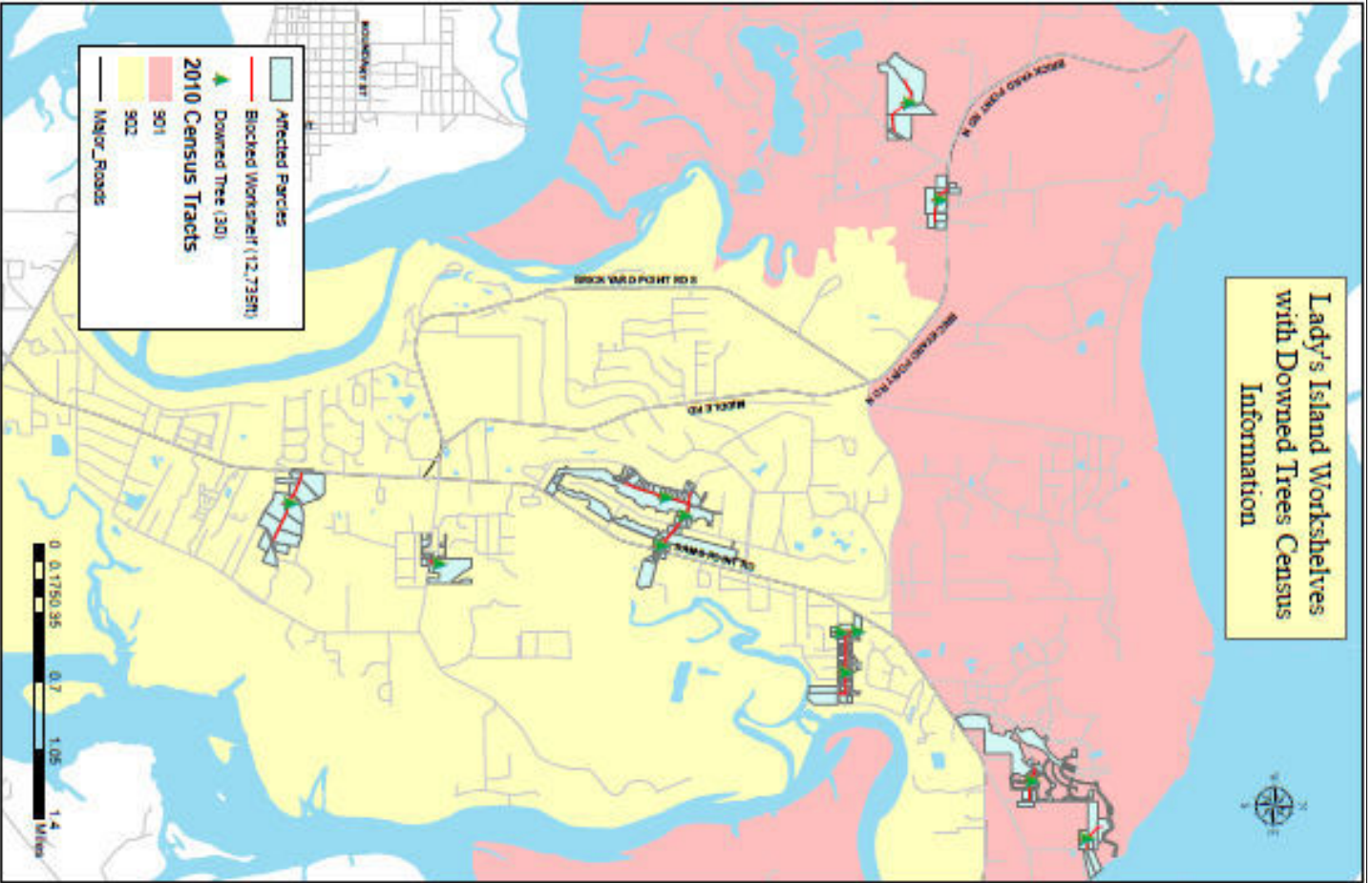
MS4 Infrastructure Debris

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

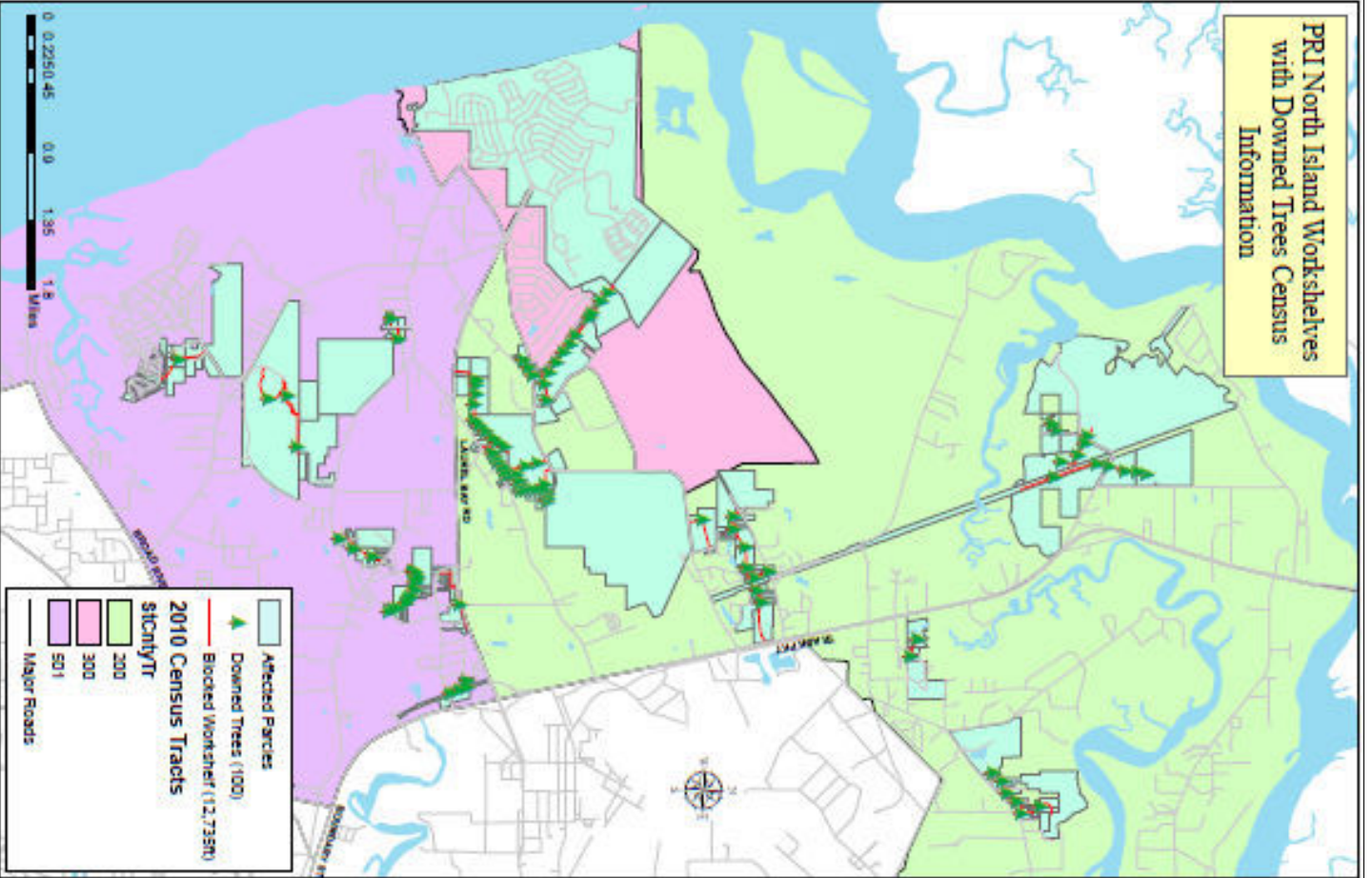
- In-house crews have performed limited work in clearing; likely will assist CERES in certain areas
- CERES to take over and complete
- Grant pending approval/denial by USDA



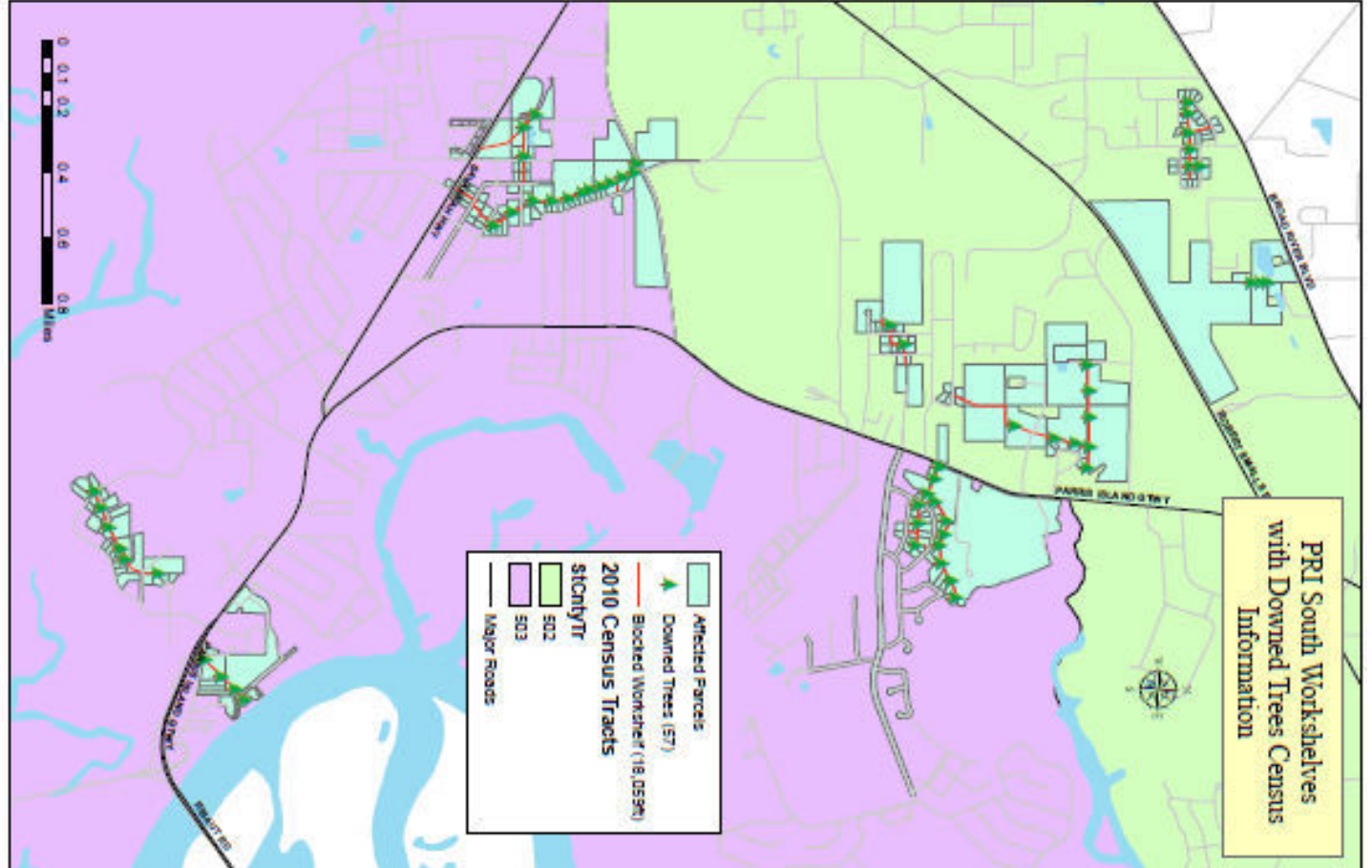
Lady's Island Workshelves
with Downed Trees Census
Information



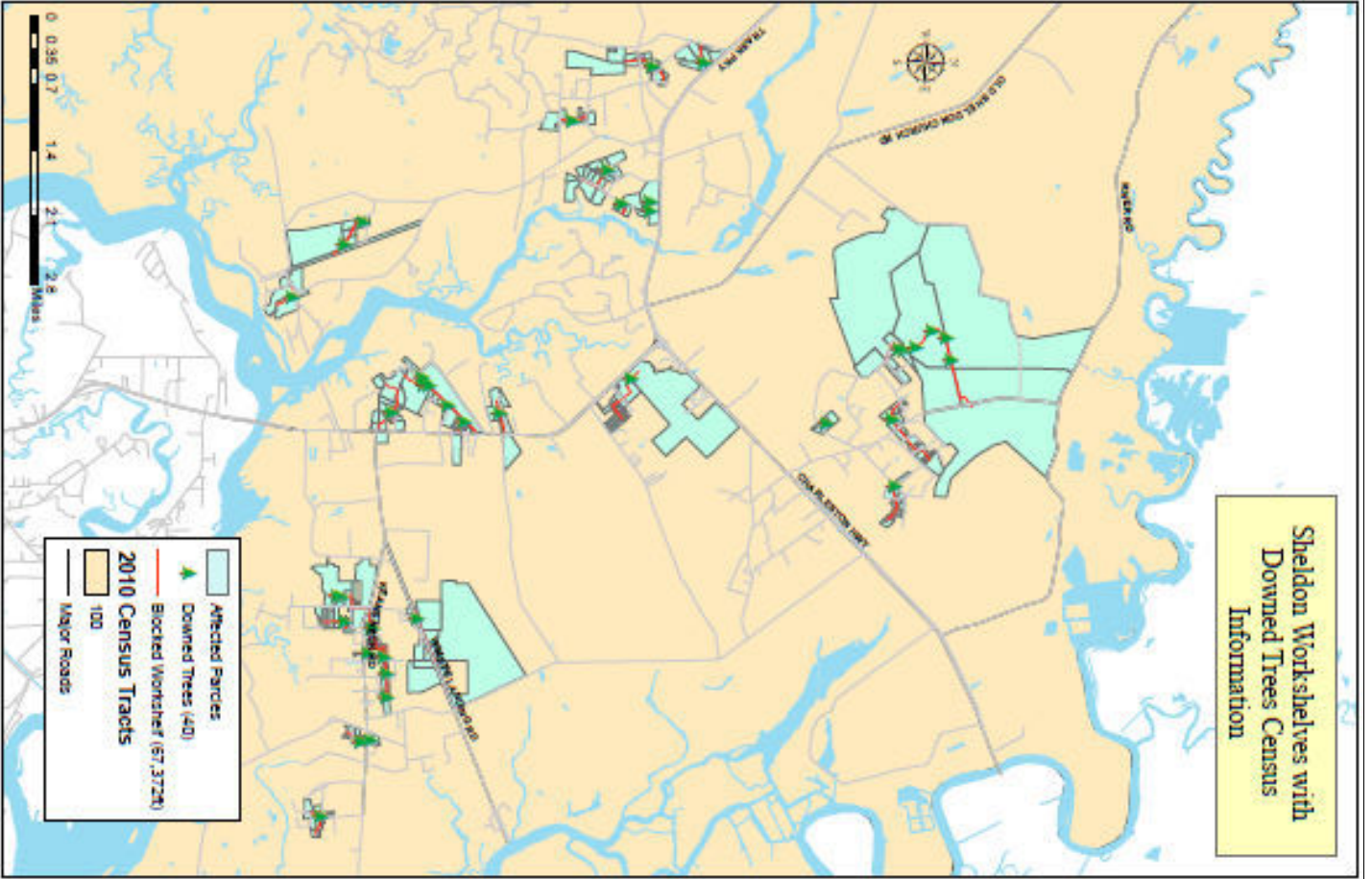
PR1 North Island Workshelves
with Downed Trees Census
Information



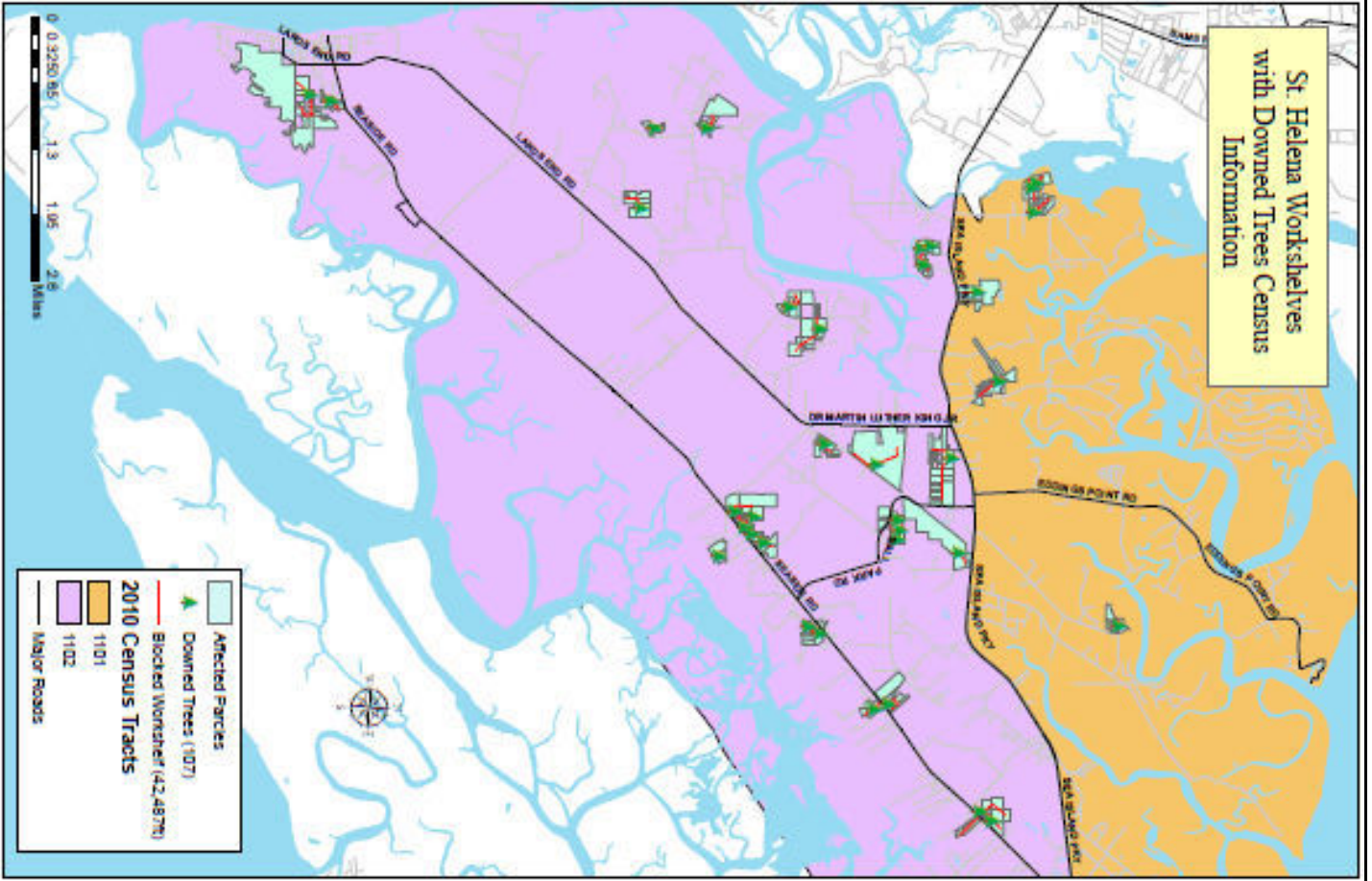
PR1 South Workshelves
 with Downed Trees Census
 Information



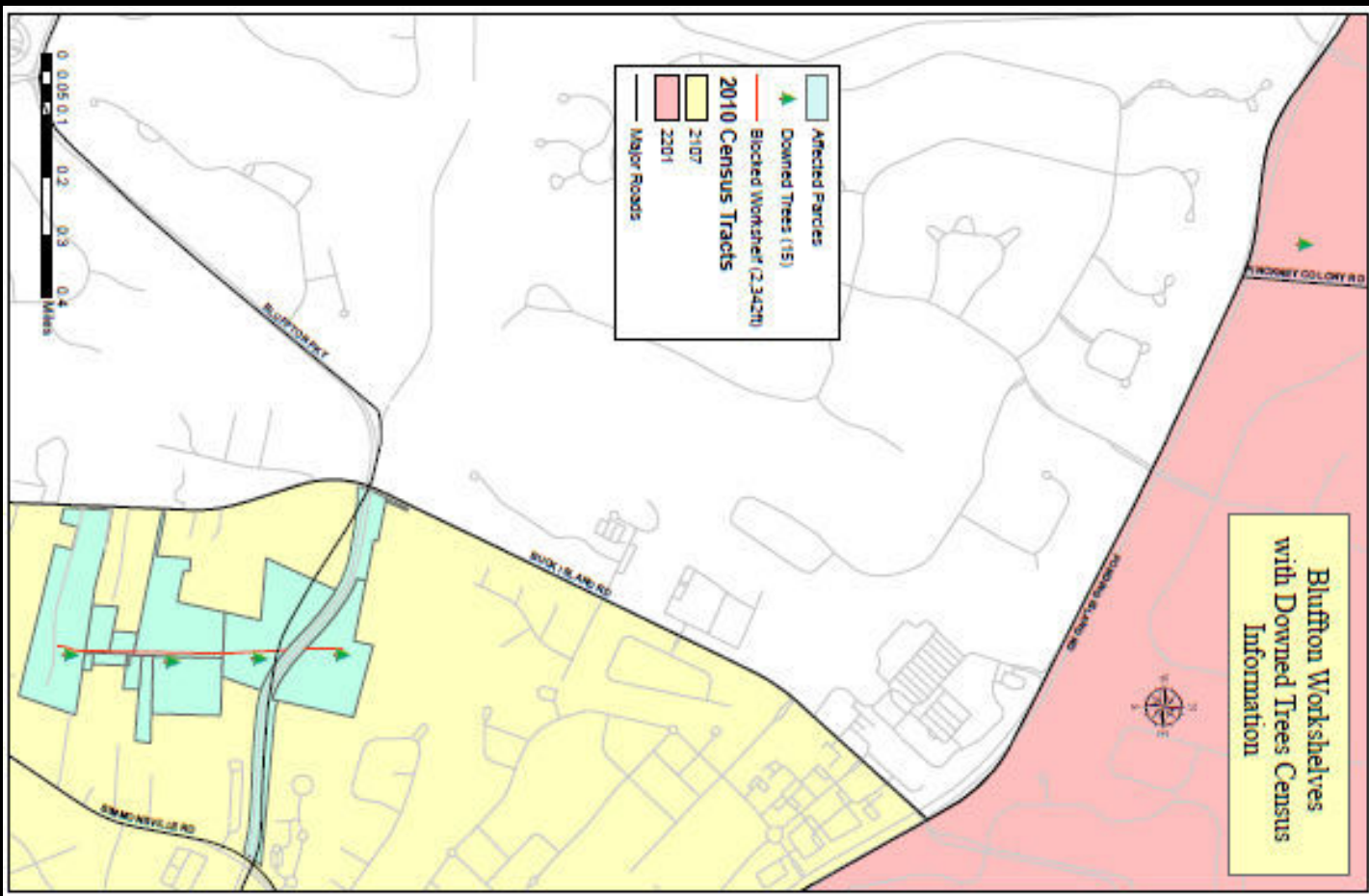
Sheldon Workshelves with
Downed Trees Census
Information



St. Helena Workshelves
with Downed Trees Census
Information



Bluffton Workshops
with Downed Trees Census
Information



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/ Jan. 18, 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 (316 building, 40 electrical)



Town of Hilton Head Island Damage

- As of Jan. 16, 2017:
- Assessment is complete
- 2,858 parcels with damage
 - 30 with damaged structures >50%
- Estimated cost \$74,786,792
- Town Building Inspection has issued 750 emergency related permits



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
Hilton Head (Initial Commercial/Businesses)	66	2	\$ 5,673,000
TOTAL	3913	101	\$ 108,895,541

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



County Facilities (1/20/17)

- Facilities Management reported damage to 178 separate facilities / structures / grounds
- Much of the work was done by staff.
 - Cost summary is pending
- Staff working with Insurance Reserve Fund prior to submittal to FEMA for Public Assistance
- 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
 Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
1	John Galt Road	18 John Galt Road	office-Cameron Extension		
2	A Home Building	104 Ribaut Road, Beaufort	Single story building		
3	A Home Nature Park	2540 Ashley Drive, Beaufort	Play area Park	Water carpet & coating tiles in Register of Deeds, Assessor's Office, Employee Services and Building Codes.	Chains needs to be removed and trees down.
4	Administration Building	100 Ribaut Road, Beaufort	Multi-story bldg		Stumps needs to be removed
5	Agrus Major Community Center	21 Agrus Major Road,	Single story bldg, ball fields		
6	Alley Boat Landing	206 Alley Road	Boat Landings/boat system		
7	Alley Park	141 Balfour Road	Play area Park	Leak near HVAC vent	Trees down at the back of the Park
8	Armed Shelter	25 Shelter Church Road, Beaufort	Single story building		
9	Armed Shelter Car Building	25 Shelter Church Road, Beaufort	Single story building		
10	Armed Shelter Clinic	25 Shelter Church Road, Beaufort	Single story building		
11	Armed Shelter Dog Building	25 Shelter Church Road, Beaufort	Single story building		
12	Bauer/Twe Storage Building	108 Sturdivant Road	808' Frack, concession stands, restrooms	Restroom ceiling/water damage Fence Damage	4 stumps needs to be removed
13	Becker Field	70 Bergall Road, HH	Base and Civil Launch		
14	Bernie Landing	Near McHenry's Corner	808' Frack, restrooms, concession stand	Shingle/leak paper missing from digouts	
15	Boat Green Complex	1900 Rodgers Street	pool		
16	Battery Creek High School Pool	One Blue Dolphin Drive, Beaufort	pool		
17	Beaufort County Court Center South	520 William Hilton Parkway	pool		
18	Beaufort High School Pool	64 Sea Island Parkway, Beaufort	pool		
19	Beaufort Library	311 Scott Street, Beaufort	Multi-story bldg		
20	Beaufort Tennis Courts	1105 Shaker Street	Tennis Courts, restrooms	horns nets are down	
21	BOV #6-7-atic Eng Rinc. Mgmt	113 Industrial Village Road, Beaufort	2 story bldg, slab on grade		
22	BOV 1-Engineering	104 Beaufort Industrial Road	single story bldg, slab on grade		
23	BOV 18-Financo, Purchasing, Risk Mgmt	106 Beaufort Industrial Road	single story bldg, slab on grade		
24	BOV 1-Staffing, Cameron Extension	102 Burton Hill Road, Beaufort	single story bldg, slab on grade		
25	BOV 1-Admins Registration	15 John Galt Road, Beaufort	Single story building		



Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
26	Station EMS	2 Bridge Street, Station			
27	Station Fuel Oil	29 Burton Field Road, Station	Abner's Office canopy		
28	Station Gym	61 Ulmer Road, Station		Tree on edge of roof, tree removed. 2 metal sun shades torn off by wind. Sun shade on left side fallen, ceiling tiles w/ tile on fence	2 azzuro mesh to be removed
29	Station Library	120 Parrish Way, Station			
30	Station Media	61 Ulmer Road, Station		Fence Damage	
31	Station Pool	55 Pinchard Farm Road, Station			
32	Station Public Works	9 Burton Field Road, Station		Tree on fence - removed, fence damaged	
33	Station Pump House	Ulmer Road			
34	Station Storage Building	Ulmer Road	Ball field, concession stands, restrooms		
35	Bob Jones Hill	2712 Jones Avenue			
36	Booker T. Washington Center	122 Booker T. Washington Circle	Single story bldg - basketball court, parking		
37	Beckyford Creek Landing	275 Beckyford Pl, Road	Boat Landing		
38	Stratford State Park	4 Highway, Hqs	State Park		Boat starts out from down stream
39	Stratford River Boat Landing	1060 Robert Smith Parkway	Boat Landing		
40	Stratford River Pier	1000 Robert Smith Parkway			
41	Stratford River Restrooms	1060 Robert Smith Parkway	Restrooms at pier		
42	SHOC-Beaufort Recovery Operation Center	Hampden, SC			
43	Strawfield Community Center	200 Beckyford River Road, Beaufort	Single story bldg - ball field, dugout	Front door broken/window pane broken	
44	Straw Edgely Field	719 16th Street, Port Royal	Ball field, restrooms		Sharp and lefty pole needs removing
45	Strawfield Boat Landing	55 Fording Island Road Est.	Boat Landing		tree down
46	Strawwater Park	905 Duckwater Parkway	Restroom, concession		Bluewater-Secret Trail poles
47	Strawwater Parkway	Buckwater Parkway	15 miles of parkway		Truss down in the median
48	Strawwater Race Center	905 Duckwater Parkway			
49	Studdy Lubertzen Von Harter Landing	40 Station Creek Road	Boat Landing/Boat system/Boom		
50	Station Walls Complex	1 Medalen Recreation Drive	Boat field, concession, restrooms, building		



Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
51	Barton Wells Lake	60 Barton Wells Road	large pond		
52	Barton Wells Park	65 Barton Wells Road	ball fields, concession stands, restrooms	Palm tree leaning against restroom roof. Fence damage	Tree limb needs to be removed and debris.
53	concessions	1 Middleton Recreation Drive			
54	Buckner Island Landing	10 Buckner Road	Boat Landing		Buckner Island debris
56	C.C. Hagan, Jr. Boat Landing	1640 Fording Island Road Ext.	Boat Landing/boat system		
56	Camp St. Mary's	110 Camp St. Mary's Road	4 structures		Tree limb down, stumps and debris
57	Chapin Park	11 Carabel Hilton Head Island, SC	4 buildings and ball field		Debris
58	Coffin Pond Drop Off Center	10 One One Road	Single story building		
58	Coopers Community Center	140 Coopers River Drive	Single story bldg, playground		
60	Coopers Office	1804 Old Shell Road, Fort Royal	single story	Tree limb damaged a down spout on building	
61	Courthouse	100 Ribault Road, Beaufort	Multi-story bldg		
62	Coopers' Sea Park	10 Springfield Rd. Beaufort, SC 29907		Fence damage	Tree and stumps needs to be removed
63	Cross Island Boat Landing	65 Hahneman Way	Boat Landing/boat fleet system		Debris needs to be removed.
64	Croswing Park	4 Hagl Boat Court, HH	Ball fields, concession, restrooms	Fence Damage	Tree limb, debris and stumps needs to be removed
65	Cyster Lane	124 Lark's Island Drive, U 29907	Private Park, building		
66	Cuffy Drop Off Center	150 Cuffy Road	Single story building		
67	Dale Community Center	15 Community Center Road	restrooms, ball court		
68	Charlottesville Boat Landing	13 Hagl Point	Boat Landing/boat system		
69	Charlottesville Restrooms	New River			
70	Charlottesville Drive	New River			
71	Dal Webb Fire Station	25 William Pope Drive, Hilton Head			
72	Deaton Center	100 Ribault Road, Beaufort	Multi-story bldg		
73	DVA Lab Sheriff's Office	111 Incharles Village Road	Offices		
74	DOH Board Room Residence	409 Ribault River Drive, Beaufort	single story residence		
75	DOH Office	5 O'Brien Way	single story residence		



Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
76	OSN Chancellor Adm Bldg	100 Clear Water Way			
77	OSN Chancellor Water Building	100 Clear Water Way	OSN office		
78	OSN Cottage Walk	18 Cottage Walk	OSN Residential house		
79	OSN Fraser Drive	304 Fraser Drive		Tree is leaning on fence damaged	
80	OSN Lakes Crossing	79 Lakes Crossing Blvd, Bluffton			
81	OSN Lake Cypres	290 Lake Cypres Road	single story residence		
82	OSN Office	1804 Old Shell Road, Fort Royal	Single Story Building		
83	OSN Palmetto Ridge (property only)	3012 Palmetto Ridge Street, Beaufort	Property only		
84	OSN Peyton	9 Peyton Way	single story residence	Tree on roof, removed, roof damage	Shingles need to be removed
85	OSN Pinescrest	210 Pinescrest Circle, Bluffton, SC			
86	OSN poetry building	100 Clear Water Way			
87	Sealage Boat Boat Landing	188 Edinger Tr. Road	Boat Landing		
88	Edgar Glenn Boat Landing	306 Ocala Highway	Boat Landing/boat system		
89	Facilities Maintenance Office	142 Shields Road, Beaufort	Single Story		Fac maintenance office has leaking
90	Federal Courthouse	1501 Bay Street, Beaufort	Multistory bldg. Leased to St. Elms		
91	Fort Fremont	St. Helena Island			Chairs needs to be removed, alarm
92	Fort Mingers Office	Shields Road			
93	Fuel Site	Shields Road	4 pump dispensary		
94	Glenn Drop Office Center	130 Cedar Hook Road, Beaufort	Single story building		
95	Greys Hill Landing	306 Carpenter Road	Boat Landing/boat system		
96	Grounds Maintenance Office	136 Shields Road, Beaufort	Single Story	Building flooded, water damage, tile damage	
97	H.E. Trask, Sr. Boat Landing	325 Stewart Creek Road	Boat Landing/boat system		
98	Health Center	808 Warrington Street, Beaufort			
99	Health Center/DiE/C	1407 King Street, Beaufort			
100	Hill Island Library	11 Beach City Road, Hilton Head			Shingles needs to be removed



Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
101	HH Airport Hangar	120 Beach City Road, HH			
102	HH Airport Terminal	120 Beach City Road, HH		Floor soffit section missing	
103	HH Airport Tower	120 Beach City Road, HH			
104	HH Island Airport CR II	120 Beach City Road, HH			
105	HH Island Government Center	530 William Hilton Parkway			Chairs from entrance needs to be removed
106	Hilton Head Park	150 William Hilton Parkway, HH	2 tennis courts, basketball court	Fence damage	Chairs from basketball court area needs to be removed
107	Harris Services Building	1905 Oak Street, Beaufort	Multi-story bldg		
108	Lady's Island Airport Hangars	41 Airport Circle		One foot damage from water intrusion/light vault water damage ceiling/water damage, extensive damage to building, runway lighting damage	
109	Lady's Island Airport Terminal	41 Airport Circle			
110	Lane Enforcement Center/DOC	2001 Oak Street, Beaufort	Multi-story bldg	Light poles damaged, back door closer damaged, fence damage	
111	Larson Marine/Yelgson Point	Southern Beaufort County	Pool and Critical Lands		
112	Larry Brown Center	41 Ball Park Road		Fence Damage	
113	Lind Brown Community Center	1001 Marine Street, Beaufort	Open pool	Gym has water on floor under air vent	
114	Lobasco Library	1802 Trask Parkway, Lobbaco			Chairs needs to be removed
115	Lobasco Drop Off Center	6 Keena Head Road	Single story building		
116	M.C. Riley Park	109 Cochrane Rd, Bluffton	Concession stand, restroom, ball fields	Missing shingles	Chairs and benches
117	Magdalen's Street Lobasco	1800 Trask Parkway			
118	Marine Rescue Station/Commission	817 Parris Ave, Port Royal, SC		Missing shingles, ceiling leaks, soffit damage	
119	Marshall Landing	97 Marshfield Road	boat landing/boat system		
120	McCurry's Corner	2225 Ocala Highway	Property only		Truss down
121	Mea Field	1812 National Drive	Ball fields		
122	Meigsullo Control	84 Swander Road, Beaufort	Single story	Roof leaks	
123	Meigsullo Control/Hanger	39 Airport Circle		Carthover gate has salt water damage	
124	Meigsullo Control West Shop	84 Swander Road, Beaufort		Floor leaks water damage, extensive damage, pipes since one foot of water in building	
125	Meigsullo Control West Shop	25 Airport Circle			

Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
126	Mechanics Corrosion/Chemical Storage	64 Swainville Road			
127	Motorola Maintenance Shop	144 Swainville Road, Beaufort	Single story		
128	Wynns Park	4919 Burton Parkway, Burton	Multistory bldg	Ceiling tile damage and exterior damage. Metal roof damage, ceiling tile water intrusion and wet carpet.	Two attempts made removing.
129	Old House Creek Pier	50 Swainville Road	Pier		Old House Creek Pier down and debris.
130	Crane Fracker Park	77 Swainville Road, Burton, SC	500 racks, concession stand, restrooms		Trunks, stumps and debris.
131	Range Point Boat Landing	20 Range Point Landing Road	Boat Landing		
132	PAUS Office	1514 Richmond Avenue, Fort Royal	Single story bldg with on grade	Tree on fence, fence is crushed.	
133	Swain Island Boat Landing	50 Marina Blvd.	Boat Landing/boat system		
134	Swain Range	130 Swainville Road, Swainville	Boat Landing/boat system		
135	Fort Royal	50 Swainville Beach Road	Boat Landing/boat system		
136	Westerdale Drop Off Center	54 Oshel Road	Single story building		
137	Public Works Building and Garage	120 Swainville Road, Beaufort	Single story	Building flooded, ceiling tile damage, floor tile damage, 7 offices	
138	Public Works Open Storage Building	120 Swainville Road, Beaufort		Shyflight on roof of building is missing, roof damage	
139	Records Manager	2727 Depot Road			
140	Swain Point Boat Landing	15 Swan Pt. Landing Road	Boat Landing/boat system		
141	Swain Point Boat Landing	1000 Swain Pt. Landing Road	Boat Landing/boat system		
142	Scott Community Center	242 Scott Hill Road, St. Helena	Single story bldg, court, playground, ballfields	FENCE DOWN, TREE ON POWER POLE	Debris inside structure.
143	Swainville Community Center	122 Swainville Road, St. Helena	Single story bldg, basketball court, playground		Debris inside and around structure.
144	Senior Citizens Center	1402 Swain Avenue, Fort Royal		Debris on roof	
145	Senior Citizens Center-Burton Mills	2 Meddison Recreation Drive	Single story building		
146	Swainville Drop Off Center	60 Swainville Road, Beaufort			
147	Swainville Drop Off Center (old)	132 Swainville Road, Beaufort	Single story building (closed)		
148	Swainville Drop Off Center	208 Range Point Road	Single story building		
149	Swain Point 800 Mgr Building/Power	50 Cleveland Drive, Beaufort	Re-hab 2011		
150	Swain Point Elementary Field	Beverly Hwy (200), Burton	Ball Field, School lease		



Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
151	Shel Ford Park	201 Broad River Drive	2 tennis courts, ball fields, walkways		Tree trim lighting in entrance to park
152	Shel Ford Property	600 Ferns Island Cemetery	Parcel of property		
153	Shel Ford Responder's Building	19 Cedar Wood Street, Beaufort			
154	Shelby Annex	2727 Depot Road			
155	Shelby Camp	1113 Cheyan Creek Blvd, Beaufort	One single story building		Debris outside of fence needs removing, stumps
156	Shelby Gym	2727 Depot Road			
157	Shelby Inbound lot	134 Shanks Road			
158	Shelby Office Annex	1025 Duke Street, Beaufort	Single story building-based building	Trees down, building damaged, fence damage.	
159	Shelby Office Main Hangar	227 Sea Island Parkway, LI		Misleading metal wall panels damaged	
160	Shelby Office Spec Ops	1021 Ocean Highway	offices		
161	Shelby Storage	2727 Depot Road			
162	Stromwater Drop Off Center	104 Stromwater Road			
163	Southside Tennis Courts	1407 Sibley Creek Road	Tennis Courts, walkways	Back board on tennis court tearing, fence damage, light poles are missing	Debris, needs attention, trees and stumps.
164	Spawna News Trail	Between Rowland Hwy 200	1.5 miles	Numerous washouts	
165	St. Helena Drop Off Center	630 Sea Island Pkwy, Beaufort 6305 Jonathan Francis Dr, Road, St Helena	Single story building	Door to dumpster enclosure is damaged	Debris at entrance needs removing.
166	St. Helena Library				Debris, needs attention.
167	Stanton Creek House	36 Stanton Creek Drive		Roof damage, shingles missing	Stanton Creek Station
168	Steel Bridge Landing	9931 Charleston Hwy	Steel Landing/boat system		
169	Strom Water Building	120 Shanks Road, Beaufort	Single story building		
170	Strom Water Building #2	108 Shanks Road	Offices (old Coroner's Office)		
171	Sugar Hill Landing	40 Sugar Hill Landing Road	Steel Landing		Debris, needs attention.
172	Unsubd. Hwy Building				
173	Wallicka Landing	246 Sam Doyle Drive	Steel Landing		
174	Warehous	2727 Depot Road	Old Flood's Management Building/Storage		
175	Warehous Storage	1678 Sea Island Hwy, St. Helena	Property only		

Beaufort County Facility Management

Facility Inventory
Updated 1/20/2017

#	Facility	Location	Description	Damage to Building	Damage to Grounds
176	Wesley Fair Park - St. Helena Park	188 Bart Park Road, St. Helena Is.	Ball Field, restroom, concession stand	Fence damage	Dirt & debris needs removal
177	Walter Hall Landing	23 Sea Island Parkway	Boat Landing/boat system		
178	Witcher Landing	590 Witcher Landing Road	Boat Landing/pier		

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 - \$26.4 million
 - Paid out \$3,985,537
- Emergency Response - \$6 million
- Facility damage
 - Boat ramp damage
 - Recreational Facilities
- Road damage



Significant PA projects

- Lady's Island Airport Terminal, Hangers, and Airfield - \$ 200,000 (does not include structural cleaning to hangers, Mosq. Control, Sheriff's Helo hanger damages)
- Central Drive causeway - \$1.33 million
- C.C. Haigh Boat Landing - \$135,000
- Flyover approach embankment erosion & Spanish Moss Trail causeway erosion - \$550,000



Significant PA projects

- Central Drive Repairs awarded on Nov. 22, 2016 to Andrews Engineering, J.H. Heirs, and O'Quinn Marine team. Completion by May 21, 2017
- Boat Ramp Repair RFP due Feb. 7, 2017

Total to date: \$35.7 million

25% = \$8.9 million

Paid to date = \$6.8 million

Encumbered: \$28.9 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.beaufortcountydisasterrecovery.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





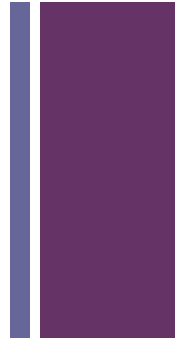
Beaufort County
Hurricane Matthew
Recovery Briefing

County Council
Jan. 23, 2017



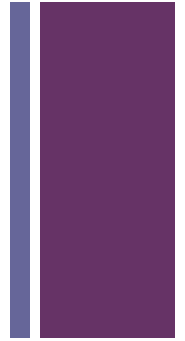
+ Individual Assistance (IA)

- 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



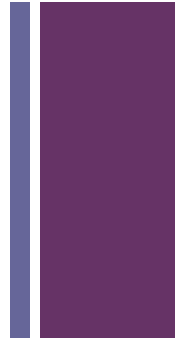
+ “Long Term Recovery Team”

- 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.



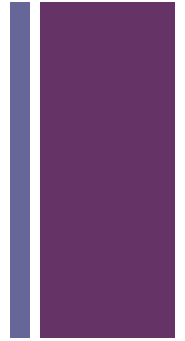
+ Human Services Alliance

- 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.



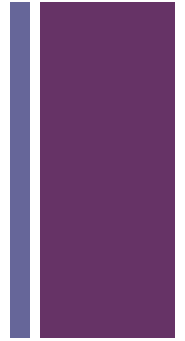
+ Volunteer groups and agencies with significant contributions

- 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
 12/30/2016



<u>Referrals</u>	1225				<u>Number of unique callers</u>	1011
Short-term housing	Tree removal from house	Utility	Emergency MRE's	Prescriptions		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 2 – Moving a trailer 1 – set up costs for mobile home
81	60	159	11	9		
Long term housing	Tree leaning	Rental	Hot meals	Transportation		
45	61	114	32	13		
Storage Needs	Debris removal from yard	Clothing	Food Pantries	Gas		
12	96	42	196	10		
Movers	Home repair needs	Diapers/baby needs		Employment		
4	123	8		17		
	Water testing					
	4					
					128	

+ 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.

