

Charleston County Stormwater Program ReThink Folly Road January 31, 2019



Charleston County Stormwater Program History

- 1903 Drainage and Sanitation Committee
- Water Pollution Control Act passed 1947
- Revised 1972 to form Clean Water Act
- Local Ordinance approved August 2007
- Design Manual approved October 2007
 - Amended May 2017 (Implemented Oct. 2018)
- **Stormwater Management Plan (SWMP)**
 - Developed in 2008
 - Updated January 2012
 - Updated May 2016

Charleston County Stormwater Program History

- **NPDES Phase II MS4 Permit**
 - Effective November 11, 2007
 - New MS4 Permit Issued 2014
 - New Permit Expected 2019
- **6 Minimum Measures**
 1. Public Education/Outreach
 2. Public Involvement/Participation
 3. Illicit Discharge Detection & Elimination
 4. Construction Site Stormwater Runoff Control
 5. Post-Construction Stormwater Management
 6. Pollution Prevention/Good Housekeeping



Charleston County Stormwater Program

1. Public Education/Outreach
2. Public Involvement/Participation



Charleston County Stormwater Program

3. Illicit Discharge Detection & Elimination (IDDE) Program

- Find and eliminate illicit discharges



Charleston County Stormwater Program

4. Construction Management Program

- Plan Review/Permitting
- Site Inspections
- Enforcement



Charleston County Stormwater Program

5. Post Construction Best Management Practices (BMPs)

- Long Term Maintenance Plans
- Inspections & Enforcement



Charleston County Stormwater Program

6. County Facility Good Housekeeping

- Facility Audits
- Maintenance Plans and Activities in SWMP
- Staff Training on Water Quality



Intergovernmental Agreements (IGA)

STATE OF SOUTH CAROLINA) INTERGOVERNMENTAL
) AGREEMENT- STORMWATER
COUNTY OF CHARLESTON) MANAGEMENT

THIS AGREEMENT (Agreement) is made and entered into as of this 21st day of June, 2007, by and between the County of Charleston, S.C. (the "County") and the Town of Lincolnville, S.C. (the "Town")

WITNESSETH

WHEREAS, the County and the Town are required by law to establish a storm water management program pursuant to a National Pollutant Discharge Elimination System Permit to be issued by the South Carolina Department of Health and Environmental Control (DHEC), the purpose of which is to protect, maintain and enhance the environment of the County and the short-term and long-term public health, safety and general welfare of the citizens of the County by addressing discharges of pollutants to the stormwater drainage system; and

WHEREAS, the County has developed a Stormwater Management Program (SWMP) for the unincorporated areas of the County; and

WHEREAS, the County and Town believe it is in the best interest of their citizens to avoid duplication of services with respect to stormwater management by entering into an agreement for the County to administer a SWMP for the Town in order to provide for the effective and efficient handling of stormwater within as much of the County as possible;

NOW THEREFORE, in consideration of the foregoing premises and other good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, the County and the Town hereby agree as follows:

A. Obligations of the Town

1. The Town shall enact ordinances (the "Ordinances") following input from County staff regarding their content. Such ordinances shall closely follow the content of the County's ordinances and shall authorize enforcement by County representatives. Such ordinances shall conform to the requirements of the SWMP, the Charleston County Stormwater Program Permitting Standards and Procedures Manual (the "Manual") prepared by the County, and all applicable stormwater permits (collectively the "Permit"), all as may be amended from time to time.
2. The Town shall cooperate with the County to enable the County to implement the SWMP, the Manual, Permit, and stormwater utility fees within the City. The Town will educate its staff regarding the provisions



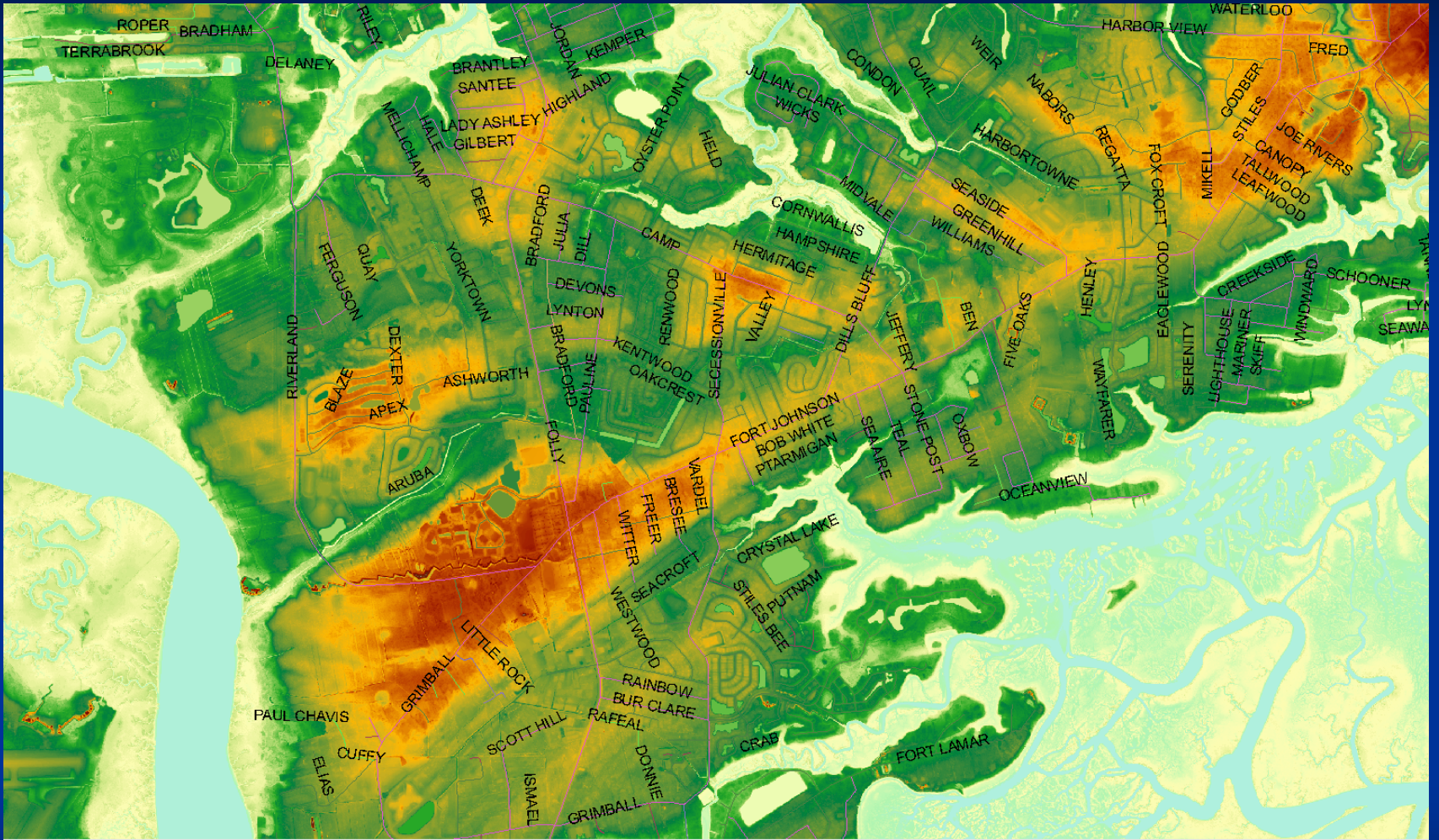
The County has formed IGAs with:

- Folly Beach
- Isle of Palms
- James Island
- Lincolnville
- Sullivan's Island

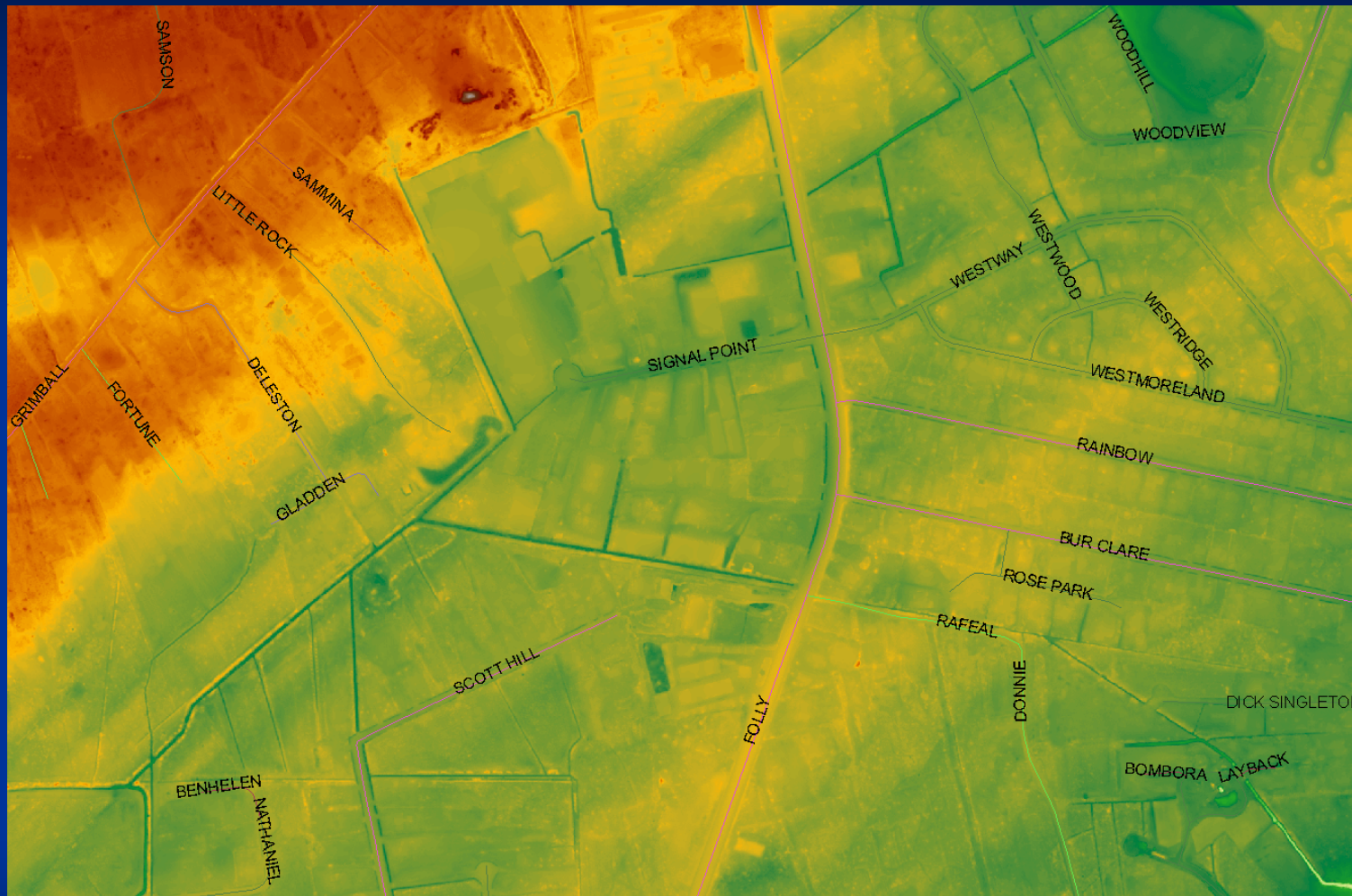
Stormwater MS4 Permit Types

- **Clearing and Grubbing Application** – Clearing and grubbing permits are not applicable to sites on which future development is planned. See Section 2.3.2 for full requirements.
- **Single Family Residential (SFR)/Townhome /Modular Home Application** – The SFR application will be for most single family residential structures. For Townhomes, an individual SFR application will need to be completed for each TMS number. See Section 2.3.3 for full requirements.
- **Utility and Linear Application** – The utility and linear application is for linear projects such as road, utility, or sidewalk installation. See Section 2.3.4 for full requirements.
- **Small Commercial Application** – The small commercial application will be required for small commercial projects that disturb less than one half (1/2) acre of land. See Section 2.3.5 for full requirements.
- **Type I Application** – The Type I application is for development or redevelopment projects that disturb one half (1/2) acre or more but less than one (1) acre of land AND are NOT within (1/2) mile of a Coastal Receiving Water. See Section 2.3.6 for full requirements.
- **Type II Application** – The Type II application is for development and redevelopment projects that disturb greater than one half (1/2) acre but less than one acre AND is located within (1/2) mile of a Coastal Receiving Water **OR** one (1) acre or more but less than five (5) acres. See Section 2.3.7 for full requirements.
- **Type III Applications** – The Type III application is for all development and redevelopment projects that disturb five (5) acres or more of land. See Section 2.3.8 for full requirements.

2017 LiDAR – Charleston County (James Island)



2017 LiDAR – Charleston County (James Island)



Drainage Projects on James Island

- James Island Drainage Basin Delineation
- Signal Point (360+ acres)

Questions / Discussion...



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