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Town of Edisto Beach, SC

Town-Wide Stormwater Planning Strategy

11/10/2025

Summary

- Developed an approach for inventorying and analyzing the Town's drainage system
- Modeled current and future 10- and 25-year storm events
- Identified and prioritized areas of flood risk concern
- Prepared strategy and scope of work for priority area(s)



Legend

- Roads
- Buildings
- Lagoons
- Outfalls

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Town of Edisto Beach
Stormwater Planning Strategy
**Exhibit 06 - Outfall Drainage
Basins**

11/7/2025



0 250 500 1,000
Feet

D\F Project No. 031893.04

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Stormwater Planning Strategy
Exhibit 04 - Flood Depth
Current 25-year Storm
9/25/2025

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D\F Project No. 031893.04



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Town of Edisto Beach
Stormwater Planning Strategy
Exhibit 07 - Recommended
Study Areas

9/25/2025



D\F Project No. 031893.04

Study Area Development

- Outfall drainage systems grouped to develop roughly equally-sized study areas
- Study areas were prioritized by flood risk criteria
 - Flood depth
 - Number of flooded building footprints
 - Length of flooded roadways.
- While the Bay Point Area has highest priority, West Docksite Road Area has been sequenced first to allow for accurate detailed drainage analysis

Recommended Study Areas

Sequence	Study Area
1	Yacht Club Road
2	West Docksite Road
3	Bay Point
4	Lower Lagoons
5	Upper Lagoons
6	King Cotton Road
7	East Docksite Road

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