

CITY OF VALDOSTA
2013 MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INVENTORY
(As of May 2013)

QUICK SUMMARY

- Number of catch basins: 6,273
- Miles of pipe: 186 miles
- Number of outfalls: 748
 - o Discharge to Browns Canal: 42
 - o Discharge to Cherry Creek: 5
 - o Discharge to Dukes Bay Canal: 64
 - o Discharge to Hightower Creek: 18
 - o Discharge to Joree Millpond: 3
 - o Discharge to Knights Creek: 3
 - o Discharge to Lake Cleve: 2
 - o Discharge to Lake Deborah: 2
 - o Discharge to Lake Laurie: 4
 - o Discharge to Lake Sheri: 3
 - o Discharge to Mud Creek: 1
 - o Discharge to One Mile Branch: 115
 - o Discharge to Stillhouse Branch: 13
 - o Discharge to Sugar Creek: 22
 - o Discharge to Three Mile Branch: 11
 - o Discharge to Two Mile Branch: 49
 - o Discharge to Un-Named Tributaries: 385
 - o Discharge to Withlacoochee River: 6
- Number of ponds: 369
 - o City maintained: 21
 - o Privately maintained: 348

DETAILED SUMMARY

Within the Val_storm shapefile, there are 18,755 stormwater features. The data collected for each feature includes the following categories:

- | | |
|--|---|
| - FID | - Date_GPS |
| - Shape (e.g. point) | - Location |
| - Feature (e.g. structure, pipe, other) | - Comments (e.g. abandoned, curb marker, etc) |
| - Size (e.g. 6", 12", 36", 48", etc) | - Headwall (e.g. brick, concrete, sandbag, etc) |
| - Material (e.g. brick, CMP, concrete, PVC, etc) | - C_Basin (e.g. Yes or No) |
| - Shape_1 (e.g. square, round, elliptical, etc) | - Ref_Number |
| - Type (e.g. catch basin, outlet, etc) | - Outfall (e.g. Yes or No) |
| - Date_Inspected | |

As for the 18,755 stormwater features, below is a summary of the feature classifications, along with the type:

- 190 stormwater features are classified as "Other"
 - o 5 – Check dam
 - o 9 – Collar
 - o 1 – Dam
 - o 83 – Open ditch
 - o 31 – Open swale
 - o 61 – Overflow

- 10,243 stormwater features are classified as “Pipe”
 - o 103 – Outlet
 - o 10,140 – No type (pipe ends)

- 8,322 stormwater features are classified as “Structure”
 - o 381 – “1019”
 - o 1,937 – “1033”
 - o 1,091 – “1034”
 - o 7 – “9031S”
 - o 121 – Box culvert
 - o 494 – Catch basin
 - o 2 – Con span
 - o 4 – Culvert
 - o 1,379 – Drop inlet
 - o 233 – Flume
 - o 386 – Grate
 - o 9 – Headwall
 - o 94 – Hood w/grate
 - o 2 – Inlet structure
 - o 1,028 – Junction box
 - o 2 – Other
 - o 242 – Outlet
 - o 1 – Retaining wall
 - o 909 - SDMH

Within the Stormpipes shapefile, 12,867 storm pipe features have been collected, totaling 982,396 ft (186 miles) of storm pipe. The data collected for each feature includes the following categories:

- FID
- Shape
- Size (e.g. 8”, 10”, 12”, etc)
- Material (e.g. CMP, HDPE, PVC, etc)
- Length

Within the Val_pond shapefile, 369 “ponds” have been collected. The data collected for each pond includes the following categories:

- | | |
|---|--|
| - FID | - Comments (e.g. 4’ wooden fence, no fence, etc) |
| - Shape (polygon) | - GPS_Area |
| - Feature (e.g. detention or retention) | - GPS_Perim |
| - Condition (e.g. good, litter, overgrown, etc) | - Owner (e.g. City, County, or private) |
| - Date_GPS | - ID_Number |
| - Location | - Class (e.g. commercial or regional) |

As for the 369 ponds, below is a summary of that data:

- 369 detention/retention ponds
 - o 2 detention area (Private)
 - o 286 detention ponds (13 are City and 273 are private)
 - o 17 natural lakes (2 are City and 15 are private)
 - o 2 natural swamps (Private)
 - o 5 natural wetlands (1 is City and 4 are private)
 - o 48 are retention ponds (5 are City and 43 are private)
 - o 9 are underground detention areas (Private)