

Table 4. York County, Virginia Shoreline Attributes - Miles Surveyed and Inventory Dates - River System Summary

| RIVER SYSTEM | Total Miles Surveyed | Original Survey Dates* | FIELD SURVEY DATES |
|----------------|----------------------|--|--|
| | | | Inventory Updated - 2013 |
| Back Creek | 18.16 | 11/17/1998, 6/13/2005 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Back River | 7.26 | Remote coded | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Bay Tree Creek | 5.42 | 8/20/2009 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Carter Creek | 7.26 | 11/13/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Chesapeake Bay | 3.14 | 6/13/2005, 8/20/2009 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Chisman Creek | 35.57 | 7/30/2009, 8/18/2009, 8/20/2009 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Felgates Creek | 14.16 | 11/13/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Indian Creek | 5.09 | 11/13/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| King Creek | 10.45 | 11/13/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Poquoson River | 34.64 | 7/23/2009, 7/28/2009, 7/30/2009, 8/18/2009 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Queen Creek | 38.66 | 11/13/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Skimino Creek | 8.46 | 11/13/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Wormley Creek | 10.69 | 11/17/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| York River | 24.54 | 11/13/1998, 11/17/1998 | using VBMP 2011 imagery/Bing high resolution oblique imagery |
| Total | 223.50 | | |

* Data was updated in the lab in 2009 using VBMP 2006/2007 imagery and VBMP 2009 Preliminary imagery.

Note: Goodwin Islands are marsh islands and therefore are not included in the above table.

Table 5. York County, Virginia Shoreline Attributes - Riparian Land Use (miles) - River System Summary

| RIVER SYSTEM | TOTAL* MILES SURVEYED | AGRICULTURE | | | BARE | | | COMMERCIAL | | | FOREST total | GRASS | | | INDUSTRIAL | | | PAVED | | | RESIDENTIAL | | | SCRUB-SHRUB | | |
|----------------|-----------------------------|-------------------|----------------|-------|-------------------|----------------|-------|-------------------|----------------|-------|---------------------|-------------------|----------------|-------|-------------------|----------------|-------|-------------------|----------------|-------|-------------------|----------------|-------|-------------------|----------------|-------|
| | | no tree buffer | tree fringe | total | no tree buffer | tree fringe | total | no tree buffer | tree fringe | total | | no tree buffer | tree fringe | total | no tree buffer | tree fringe | total | no tree buffer | tree fringe | total | no tree buffer | tree fringe | total | no tree buffer | tree fringe | total |
| Back Creek | 18.16 | 0.32 | 0.08 | 0.39 | 0.00 | 0.00 | 0.00 | 0.63 | 0.00 | 0.63 | 9.86 | 0.62 | 0.41 | 1.03 | 0.00 | 0.00 | 0.00 | 0.43 | 0.04 | 0.47 | 4.78 | 0.62 | 5.39 | 0.39 | 0.00 | 0.39 |
| Back River | 7.26 | 0.04 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.34 | 0.01 | 0.09 | 0.10 | 0.00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.70 | 1.70 | 3.37 | 5.07 | 0.00 | 0.00 | 0.00 |
| Bay Tree Creek | 5.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.65 | 0.00 | 2.65 | 0.57 | 0.07 | 0.64 | 0.00 | 0.00 | 0.00 |
| Carter Creek | 7.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.23 | 0.02 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.15 | 0.46 | 0.62 | 0.00 | 0.36 | 0.36 | 0.04 | 0.00 | 0.04 |
| Chesapeake Bay | 3.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.90 | 0.06 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.35 | 0.00 | 0.35 | 0.77 | 0.06 | 0.83 | 0.00 | 0.00 | 0.00 |
| Chisman Creek | 35.57 | 0.05 | 0.15 | 0.20 | 0.00 | 0.00 | 0.00 | 0.47 | 0.00 | 0.47 | 6.26 | 1.40 | 0.58 | 1.98 | 0.00 | 0.00 | 0.00 | 0.39 | 0.32 | 0.72 | 18.40 | 7.37 | 25.77 | 0.18 | 0.00 | 0.18 |
| Felgates Creek | 14.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.64 | 0.00 | 0.25 | 0.25 | 0.00 | 0.00 | 0.00 | 0.67 | 0.00 | 0.67 | 0.00 | 0.59 | 0.59 | 0.00 | 0.00 | 0.00 |
| Indian Creek | 5.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.83 | 0.23 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| King Creek | 10.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.97 | 0.20 | 0.81 | 1.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.03 | 0.22 | 0.23 | 0.44 | 0.00 | 0.00 | 0.00 |
| Poquoson River | 34.64 | 0.05 | 0.57 | 0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.05 | 6.32 | 1.56 | 1.23 | 2.80 | 0.00 | 0.00 | 0.00 | 0.16 | 0.09 | 0.25 | 12.68 | 11.44 | 24.12 | 0.46 | 0.00 | 0.46 |
| Queen Creek | 38.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30.61 | 0.03 | 0.57 | 0.60 | 0.00 | 0.00 | 0.00 | 0.99 | 2.74 | 3.72 | 0.11 | 3.61 | 3.72 | 0.00 | 0.00 | 0.00 |
| Skimino Creek | 8.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 7.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.02 | 0.08 | 0.13 | 0.27 | 0.40 | 0.00 | 0.00 | 0.00 |
| Wormley Creek | 10.69 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.06 | 0.20 | 0.13 | 0.33 | 4.02 | 0.09 | 0.35 | 0.44 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.05 | 2.50 | 3.06 | 5.56 | 0.20 | 0.04 | 0.24 |
| York River | 24.54 | 0.00 | 0.00 | 0.00 | 0.39 | 0.06 | 0.45 | 0.51 | 0.13 | 0.65 | 10.24 | 3.98 | 1.29 | 5.27 | 0.67 | 0.00 | 0.67 | 3.83 | 1.00 | 4.83 | 1.89 | 0.20 | 2.08 | 0.27 | 0.08 | 0.35 |
| Total | 223.50 | 0.46 | 0.80 | 1.26 | 0.45 | 0.10 | 0.55 | 1.81 | 0.31 | 2.13 | 113.29 | 8.20 | 5.58 | 13.78 | 0.67 | 0.00 | 0.67 | 10.50 | 4.67 | 15.17 | 43.75 | 31.23 | 74.99 | 1.54 | 0.12 | 1.66 |

*Total = does not include marsh island shoreline
Note: Goodwin Islands are marsh islands and therefore are not included in the above table.

Table 6. York County, Virginia Shoreline Attributes - Riparian Bank Condition - River System Summary

| RIVER SYSTEM | TOTAL* MILES SURVEYED | BANK COVER (miles) | | | BANK HEIGHT AND EROSION STATUS (miles of shore) | | | | | | | | | | | | | | | |
|----------------|-----------------------------|-----------------------|---------|--------|---|--------|--------------|----------|-----------|--------|--------------|----------|------------|--------|--------------|----------|-----------|--------|--------------|----------|
| | | bare | partial | full | 0-5 FEET | | | | 5-10 FEET | | | | 10-30 FEET | | | | >30 FEET | | | |
| | | | | | erosional | stable | transitional | undercut | erosional | stable | transitional | undercut | erosional | stable | transitional | undercut | erosional | stable | transitional | undercut |
| Back Creek | 18.16 | 0.33 | 0.23 | 17.61 | 0.12 | 17.71 | 0.31 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Back River | 7.26 | 0.00 | 0.00 | 7.26 | 0.00 | 7.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Bay Tree Creek | 5.42 | 0.00 | 0.00 | 5.42 | 0.31 | 5.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Carter Creek | 7.26 | 0.00 | 0.00 | 7.26 | 0.00 | 7.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chesapeake Bay | 3.14 | 0.00 | 0.00 | 3.14 | 0.40 | 2.62 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chisman Creek | 35.57 | 0.37 | 0.95 | 34.25 | 1.05 | 34.22 | 0.00 | 0.05 | 0.00 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Felgates Creek | 14.16 | 0.00 | 0.00 | 14.16 | 0.00 | 14.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indian Creek | 5.09 | 0.00 | 0.00 | 5.09 | 0.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| King Creek | 10.45 | 0.00 | 0.25 | 10.20 | 0.16 | 6.93 | 0.00 | 0.00 | 0.00 | 0.09 | 0.06 | 0.00 | 0.09 | 3.05 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Poquoson River | 34.64 | 0.04 | 1.50 | 33.10 | 1.43 | 32.46 | 0.00 | 0.04 | 0.00 | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Queen Creek | 38.66 | 0.03 | 0.04 | 38.59 | 0.00 | 28.77 | 0.00 | 0.00 | 0.06 | 6.14 | 0.00 | 0.00 | 0.00 | 3.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Skimino Creek | 8.46 | 0.00 | 0.00 | 8.46 | 0.00 | 8.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wormley Creek | 10.69 | 0.06 | 0.71 | 9.92 | 0.08 | 2.29 | 0.05 | 0.00 | 0.11 | 4.22 | 0.17 | 0.00 | 0.05 | 3.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| York River | 24.54 | 1.06 | 1.35 | 22.13 | 1.20 | 11.54 | 0.49 | 0.00 | 1.63 | 4.05 | 0.00 | 0.00 | 0.28 | 5.18 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 223.50 | 1.89 | 5.03 | 216.57 | 4.74 | 183.74 | 0.97 | 0.10 | 1.80 | 15.48 | 0.23 | 0.00 | 0.42 | 15.77 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

*Total = does not include marsh island shoreline
Note: Goodwin Islands are marsh islands and therefore are not included in the above table.

Table 7. York County, Virginia Shoreline Attributes - Natural Buffers, *Phragmites australis* and Marsh Survey Dates - River System Summary

| RIVER SYSTEM | BEACH (miles) | # Wetland Polygons field checked | | MARSH | | | | | | | | | | | | | | | | | | PHRAGMITES ³ (percent of field checked marshes) | MARSH SURVEY DATES |
|-----------------|------------------|-------------------------------------|---------|--------------------|-----------|--------|--------------|---------|-------------------------------------|------|-------|------|------|------|------|-------------------|------|------|------|--------|-------------------|---|----------------------|
| | | | | Marsh Type (acres) | | | | | Community Type ¹ (acres) | | | | | | | | | | | | | | |
| | | total | checked | embayed | extensive | fringe | marsh island | total | I | II | III | IV | V | VI | VII | VIII ² | IX | X | XI | XII | DNS ^{**} | | |
| Back Creek | 0.17 | 126 | 97 | 9.53 | 155.87 | 29.39 | 0.18 | 194.98 | 168.93 | 0.00 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 12.29 | 12.24 | 70 | 6/22/2010, 7/29/2013 |
| Back River | 0.00 | 30 | 0 | 24.58 | 43.64 | 29.43 | 1.95 | 99.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 99.61 | DNS | DNS |
| Bay Tree Creek | 0.31 | 13 | 7 | 0.00 | 129.22 | 23.82 | 0.06 | 153.10 | 26.91 | 0.00 | 16.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 97.36 | 12.57 | 57 | 7/29/2013 |
| Carter Creek | 0.00 | 39 | 2 | 16.21 | 98.81 | 29.30 | 0.54 | 144.86 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.83 | 50 | 6/25/2010 |
| Chesapeake Bay | 1.42 | 29 | 25 | 2.82 | 68.27 | 25.87 | 0.00 | 96.95 | 76.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.57 | 0.00 | 0.00 | 0.00 | 15.24 | 0.28 | 24 | 7/29/2013 |
| Chisman Creek | 0.69 | 377 | 347 | 27.40 | 37.97 | 48.31 | 0.03 | 113.71 | 0.05 | 0.00 | 42.91 | 0.93 | 0.00 | 0.00 | 0.00 | 1.81 | 0.00 | 0.00 | 0.00 | 19.67 | 19.15 | 20 | 7/29/2013, 7/31/2013 |
| Felgates Creek | 0.05 | 44 | 0 | 142.10 | 53.86 | 9.55 | 0.01 | 205.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 205.52 | DNS | DNS |
| Goodwin Islands | 0.00 | 11 | 8 | 0.00 | 158.14 | 0.00 | 90.30 | 248.44 | 5.92 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 241.75 | 0.33 | 38 | 6/22/2010 |
| Indian Creek | 0.04 | 46 | 0 | 15.84 | 0.00 | 12.26 | 1.37 | 29.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 29.47 | DNS | DNS |
| King Creek | 0.28 | 38 | 18 | 95.50 | 84.47 | 16.31 | 2.05 | 198.33 | 6.66 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.28 | 175.36 | 72 | 6/23/2010 |
| Poquoson River | 0.36 | 318 | 198 | 32.86 | 47.69 | 45.82 | 0.45 | 126.82 | 14.39 | 0.00 | 1.06 | 0.13 | 0.00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 0.00 | 32.64 | 77.90 | 17 | 7/31/2013 |
| Queen Creek | 0.12 | 75 | 32 | 83.90 | 520.03 | 82.59 | 0.27 | 686.77 | 487.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 8.80 | 190.79 | 19 | 6/23-24/2010 |
| Skimino Creek | 0.02 | 27 | 20 | 5.78 | 128.53 | 29.21 | 0.00 | 163.52 | 149.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 | 0.00 | 0.00 | 0.00 | 8.52 | 4.92 | 0 | 6/25/2010, 6/28/2010 |
| Wormley Creek | 0.08 | 82 | 72 | 7.86 | 0.00 | 10.53 | 0.00 | 18.39 | 13.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.34 | 4.29 | 21 | 6/21/2010 |
| York River | 7.80 | 110 | 72 | 65.00 | 115.17 | 60.17 | 1.93 | 242.27 | 119.26 | 0.47 | 0.00 | 1.78 | 8.02 | 0.00 | 0.00 | 5.28 | 0.00 | 0.00 | 0.00 | 27.80 | 79.67 | 43 | 6/21-25/2010 |
| Total | 11.34 | 1365 | 898 | 529.36 | 1641.68 | 452.57 | 99.13 | 2722.74 | 1069.42 | 0.47 | 60.83 | 2.88 | 8.02 | 0.00 | 0.00 | 14.27 | 0.00 | 0.00 | 0.00 | 480.69 | 1056.94 | | |

**DNS = Did Not Survey

- ¹Community Type:
- I = Saltmarsh Cordgrass / low marsh
II = Saltmeadow / high marsh
III = Black Needlerush
IV = Saltbush
V = Big Cordgrass
VI = Cattail

VII = Arrow Arum – Pickerel Weed
VIII = Reed Grass (*Phragmites australis*)
IX = Yellow Pond Lily
X = Saltwort
XI = Freshwater mix
XII = Brackish mix

²Type VIII - Field checked marshes where *Phragmites australis* was estimated to cover >50% marsh area.

³Phragmites - percent of field checked marshes where *Phragmites australis* is present in any amount.

Table 8. York County, Virginia Shoreline Attributes - Shoreline Features - River System Summary

| RIVER SYSTEM | TOTAL* MILES SURVEYED | <div>No.<div>No. dilapidateddocksNo. boathousesNo. rampsprivatepublicNo. groinfieldsNo. marinas<50 slips>50 slipsNo. jettiesNo. breakwater¹Miles of debrisMiles of unconventionalMiles of bulkheadMiles of dilapidated bulkheadMiles of marsh toe revetmentMiles of riprapMiles of wharf</div></div> | | | | | | | | | | | | | | | | |
|----------------|--------------------------|---|-------|------------|---------|--------|-------------|-----------|-----------|---------|-------------------------|--------|----------------|----------|----------|-----------|--------|-------|
| | | No. docks | docks | boathouses | private | public | groinfields | <50 slips | >50 slips | jetties | breakwater ¹ | debris | unconventional | bulkhead | bulkhead | revetment | riprap | wharf |
| Back Creek | 18.16 | 77 | 13 | 16 | 8 | 2 | 0 | 2 | 0 | 3 | 2 | 0.00 | 0.25 | 0.95 | 0.07 | 0.00 | 1.30 | 0.00 |
| Back River | 7.26 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Bay Tree Creek | 5.42 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.03 | 0.00 |
| Carter Creek | 7.26 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.09 | 0.00 |
| Chesapeake Bay | 3.14 | 2 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 3 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.36 | 0.00 |
| Chisman Creek | 35.57 | 315 | 11 | 79 | 30 | 0 | 3 | 7 | 0 | 0 | 6 | 0.28 | 0.96 | 4.26 | 0.11 | 0.34 | 4.52 | 0.00 |
| Felgates Creek | 14.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indian Creek | 5.09 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 |
| King Creek | 10.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| Poquoson River | 34.64 | 204 | 11 | 78 | 22 | 2 | 0 | 0 | 0 | 0 | 3 | 0.27 | 0.59 | 1.29 | 0.11 | 0.26 | 3.36 | 0.00 |
| Queen Creek | 38.66 | 19 | 0 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0.00 | 0.00 | 0.02 | 0.05 | 0.00 | 0.33 | 0.00 |
| Skimino Creek | 8.46 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wormley Creek | 10.69 | 62 | 2 | 34 | 6 | 0 | 1 | 1 | 1 | 0 | 0 | 0.00 | 0.00 | 0.86 | 0.00 | 0.00 | 0.76 | 0.00 |
| York River | 24.54 | 15 | 4 | 6 | 1 | 0 | 2 | 0 | 0 | 2 | 11 | 0.00 | 0.05 | 0.60 | 0.00 | 0.00 | 9.03 | 0.00 |
| Total | 223.50 | 713 | 42 | 217 | 75 | 5 | 7 | 10 | 2 | 5 | 26 | 0.55 | 1.85 | 8.20 | 0.34 | 0.60 | 19.89 | 0.00 |

*Total = does not include marsh island shoreline

¹ number of breakwater groups (one or more breakwaters within a group)

Note: Goodwin Islands are marsh islands and therefore are not included in the above table.