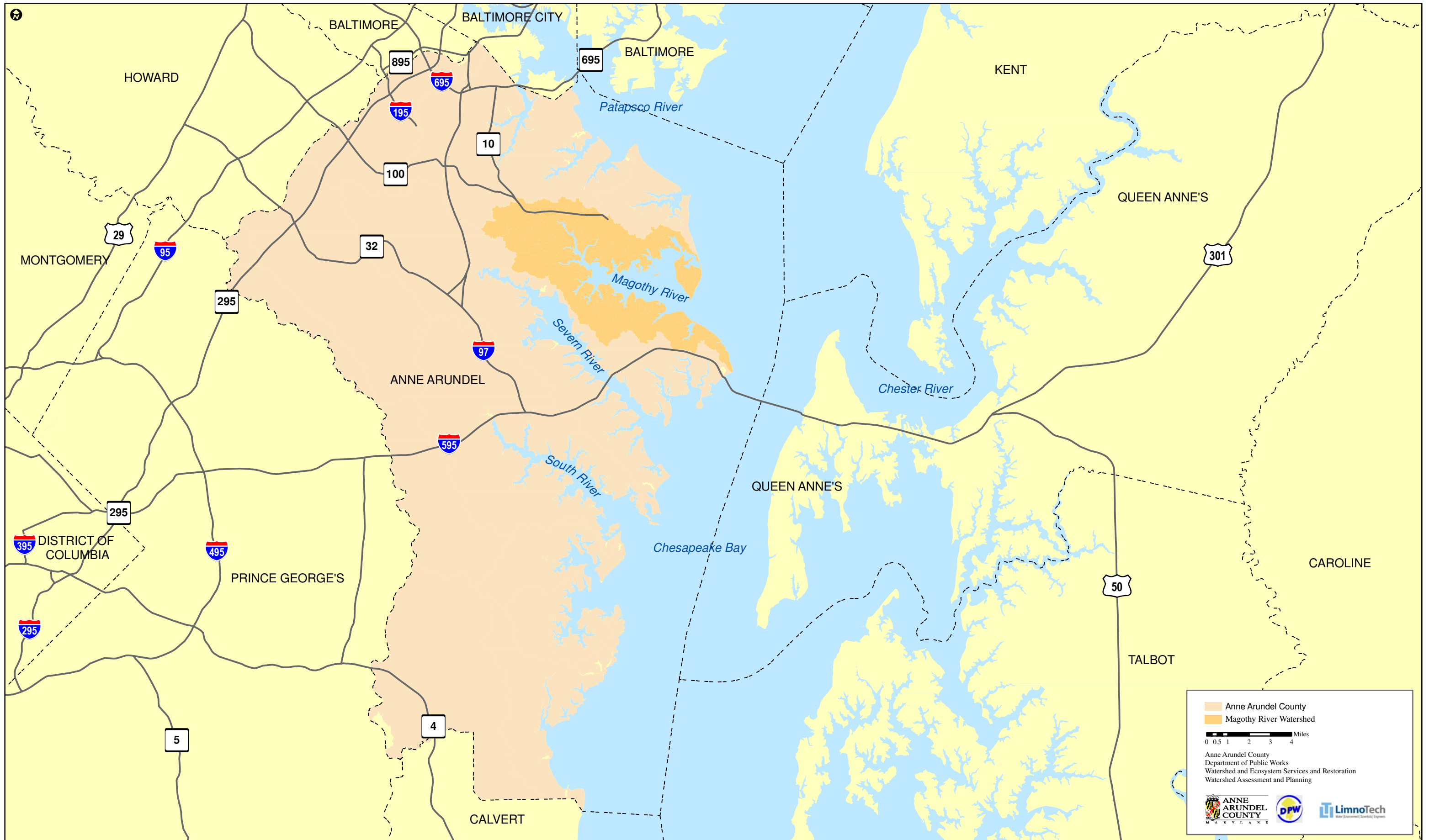
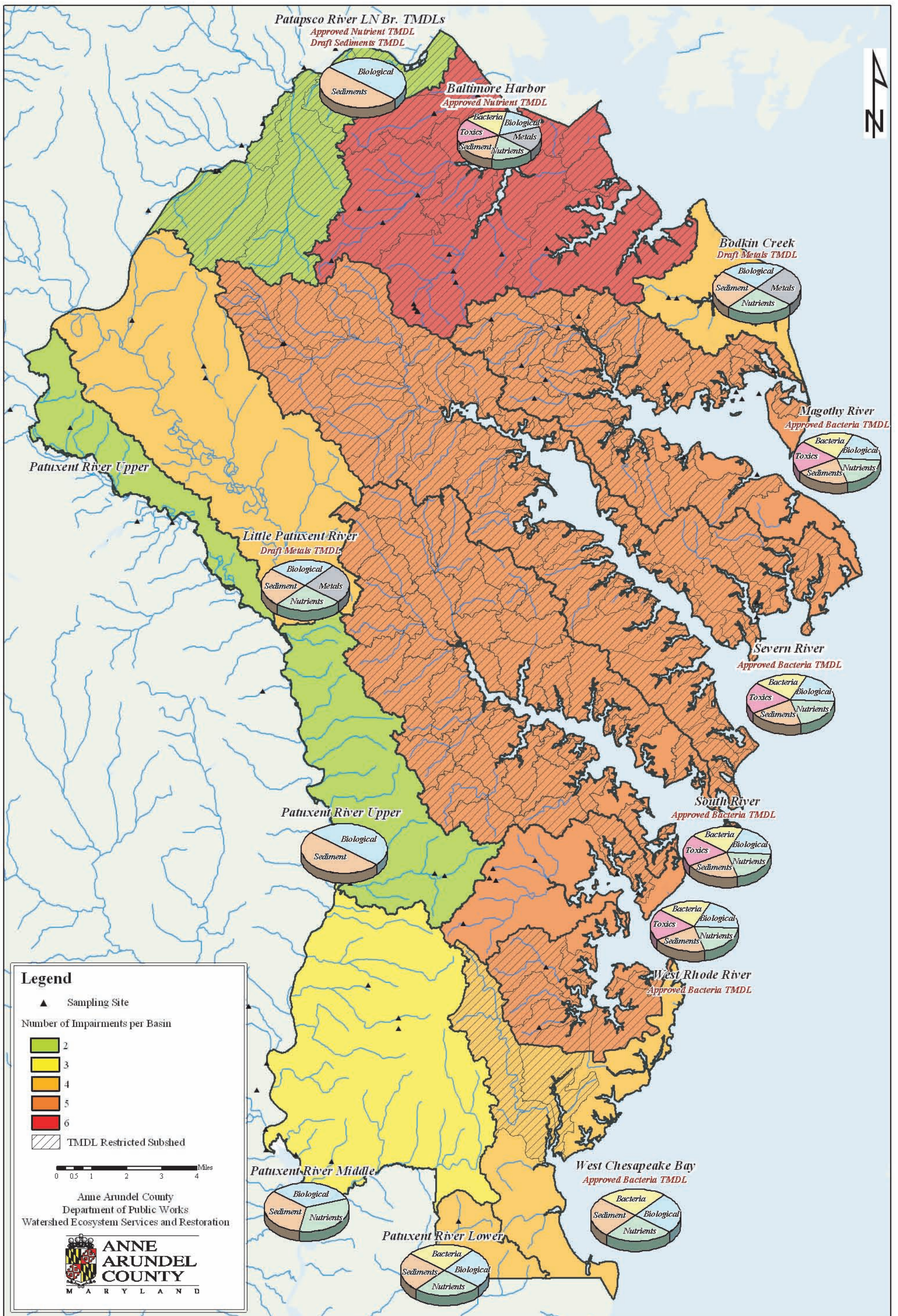


# Map 1.1 - Location of Magothy River Watershed





# Map 1.2 - Category 5 303(d) Listed Waters and TMDLs





# Map 1.3 - Magothy River Watershed Steep Slopes



SHEDCODE	SHEDNAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	23.7
MG5	Magothy River Tidal	71.6
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.3
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116
MGK	Spriggs Pond	125.6
MGL	Forled Creek	817.4
MGM	Scheiles Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Boldal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Namys Branch	484.7
MGZ	Podicery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.8
MR5	Beechwood Branch	437.5
MR6	Cocky Creek	1229
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621
MRA	Rouses Branch	557
MRB	Namys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	147
MRV	ParkCreek	33.6
MRY	Browns Cove	115.1

**Legend**

- Subwatersheds
- Steep Slopes < 14%
- Steep Slopes > 15% and < 24%
- Steep Slopes > 25%

0 7501,500 3,000 4,500 6,000 Feet

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# Map 1.4 - Magothy River Watershed Topography

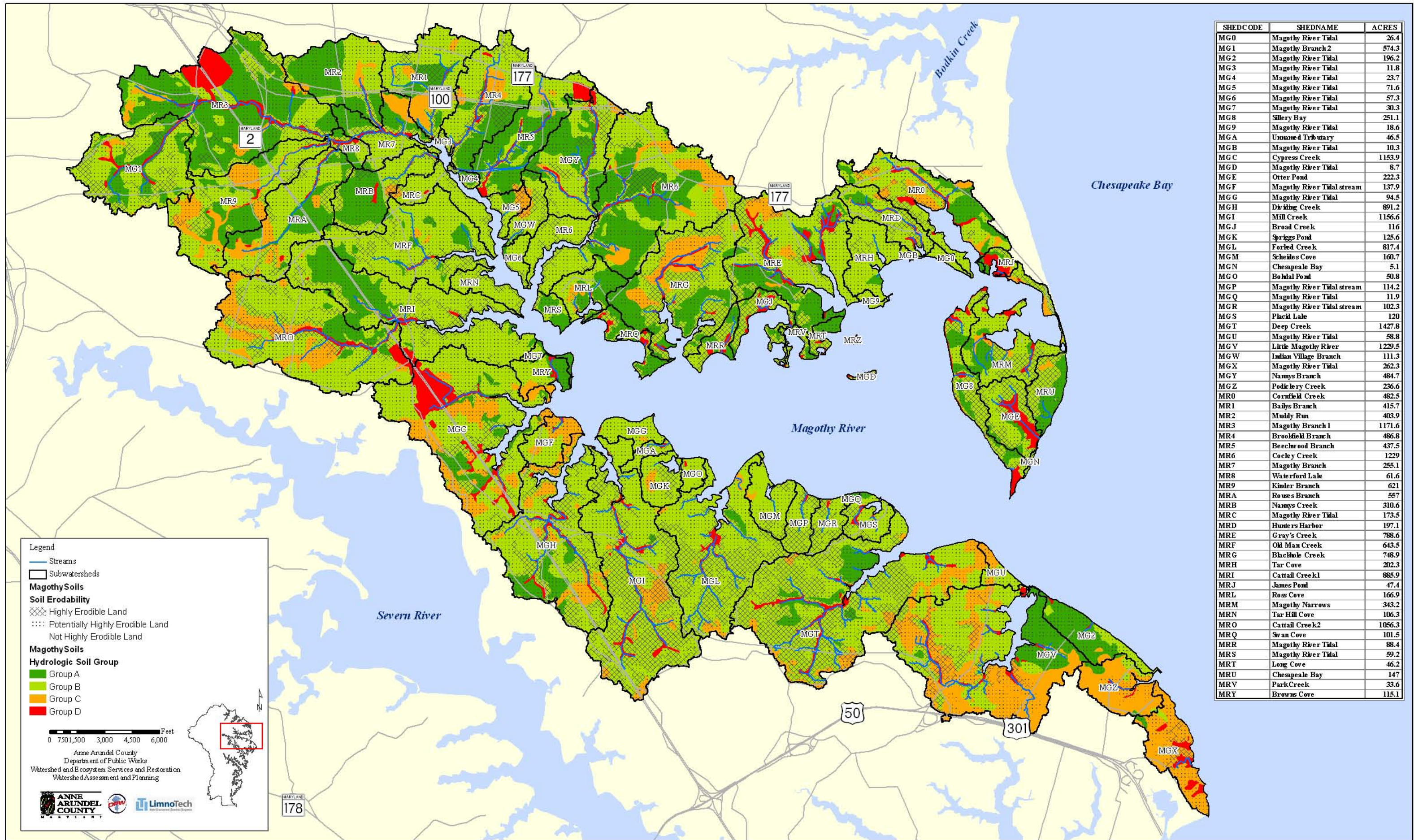


SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MRO	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

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# Map 1.5 - Magothy River Watershed Soils



SHEDCODE	SHEDNAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	23.7
MG5	Magothy River Tidal	71.6
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.3
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116
MGK	Spriggs Pond	125.6
MGL	Forled Creek	817.4
MGM	Scheiles Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Boldal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Namys Branch	484.7
MGZ	Podicery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.8
MR5	Beechwood Branch	437.5
MR6	Cocky Creek	1229
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621
MRA	Rouses Branch	557
MRB	Namys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	147
MRV	ParkCreek	33.6
MRY	Browns Cove	115.1

**Legend**

- Streams
- Subwatersheds

**Magothy Soils**

**Soil Erodability**

- Highly Erodible Land
- Potentially Highly Erodible Land
- Not Highly Erodible Land

**Magothy Soils Hydrologic Soil Group**

- Group A
- Group B
- Group C
- Group D

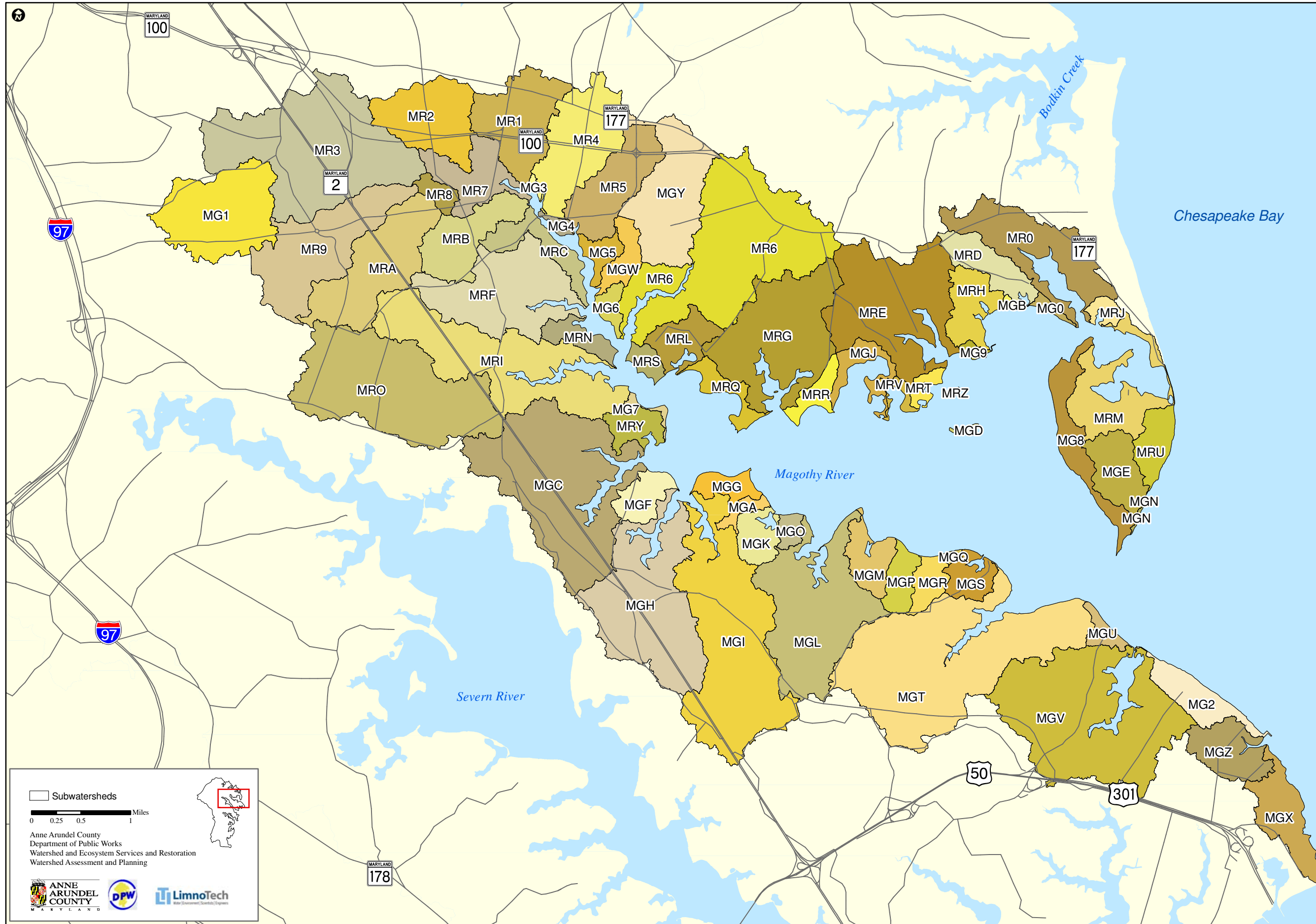
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Watershed Assessment and Planning

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# Map 1.6 - Magothy River Subwatersheds

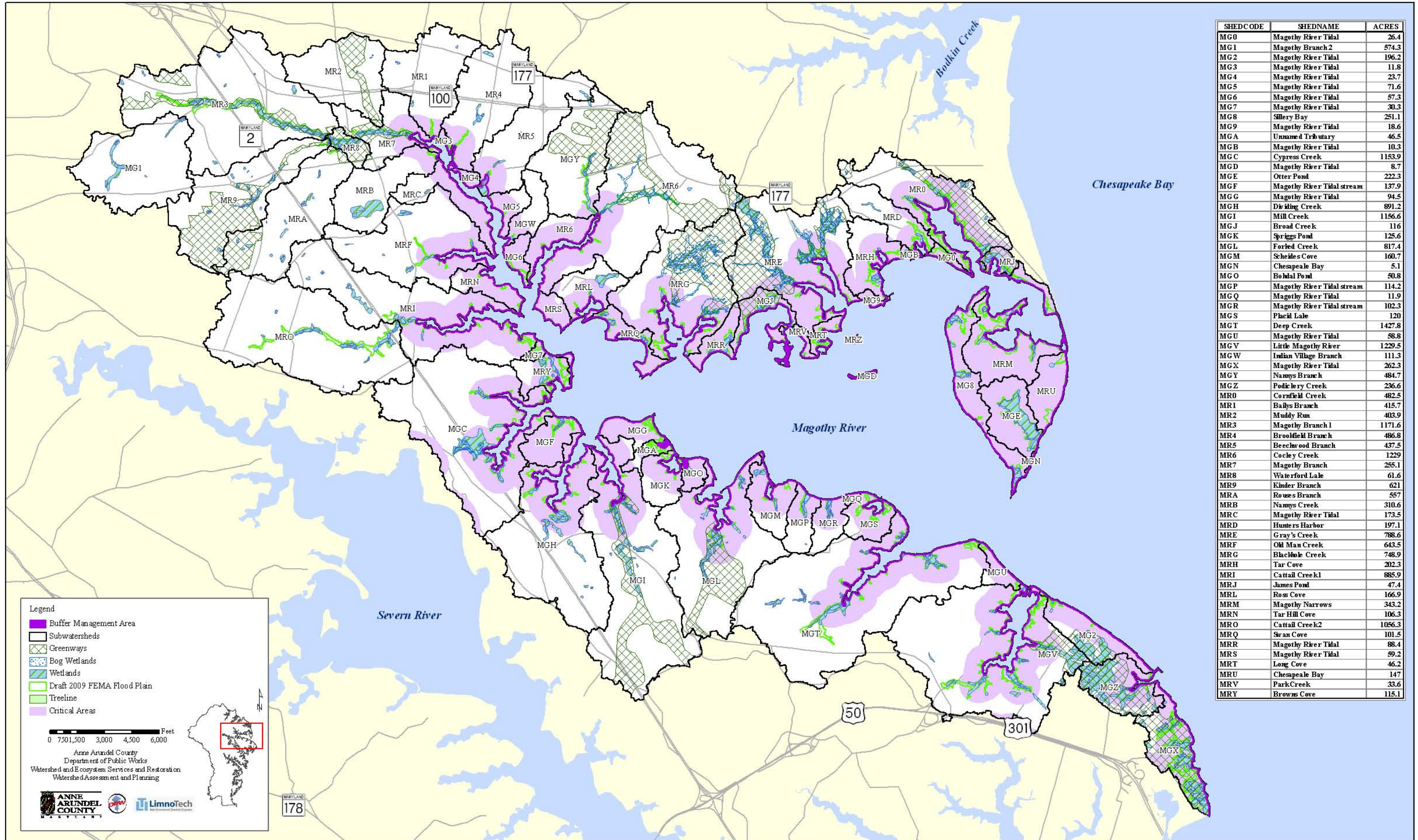


SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

Subwatersheds  
 0 0.25 0.5 1 Miles  
 Anne Arundel County  
 Department of Public Works  
 Watershed and Ecosystem Services and Restoration  
 Watershed Assessment and Planning



# Map 1.7 - Magothy River Watershed Environmental Features



SHEDCODE	SHEDCODE	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	23.7
MG5	Magothy River Tidal	71.6
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.3
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116
MGK	Spriggs Pond	125.6
MGL	Forled Creek	817.4
MGM	Scheiles Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Boldal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Namys Branch	484.7
MGZ	Podicery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.8
MR5	Beechwood Branch	437.5
MR6	Cocky Creek	1229
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621
MRA	Rouses Branch	557
MRB	Namys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	147
MRV	ParkCreek	33.6
MRY	Browns Cove	115.1

**Legend**

- Buffer Management Area
- Subwatersheds
- Greenways
- Bog Wetlands
- Wetlands
- Draft 2009 FEMA Flood Plan
- Treeline
- Critical Areas

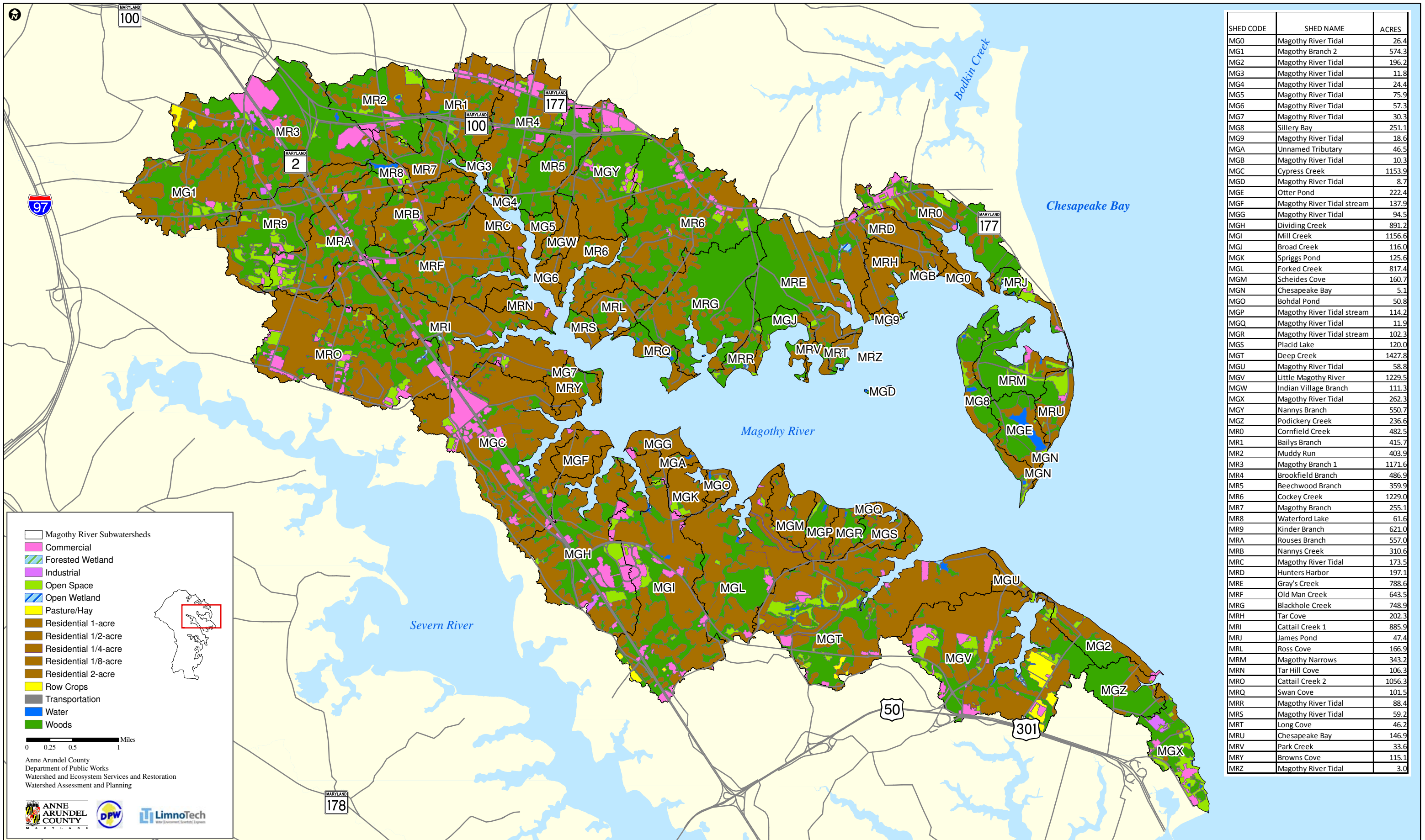
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Watershed Assessment and Planning

ANNE ARUNDEL COUNTY  
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# Map 1.8 - Magothy River Watershed Land Use and Land Cover



SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

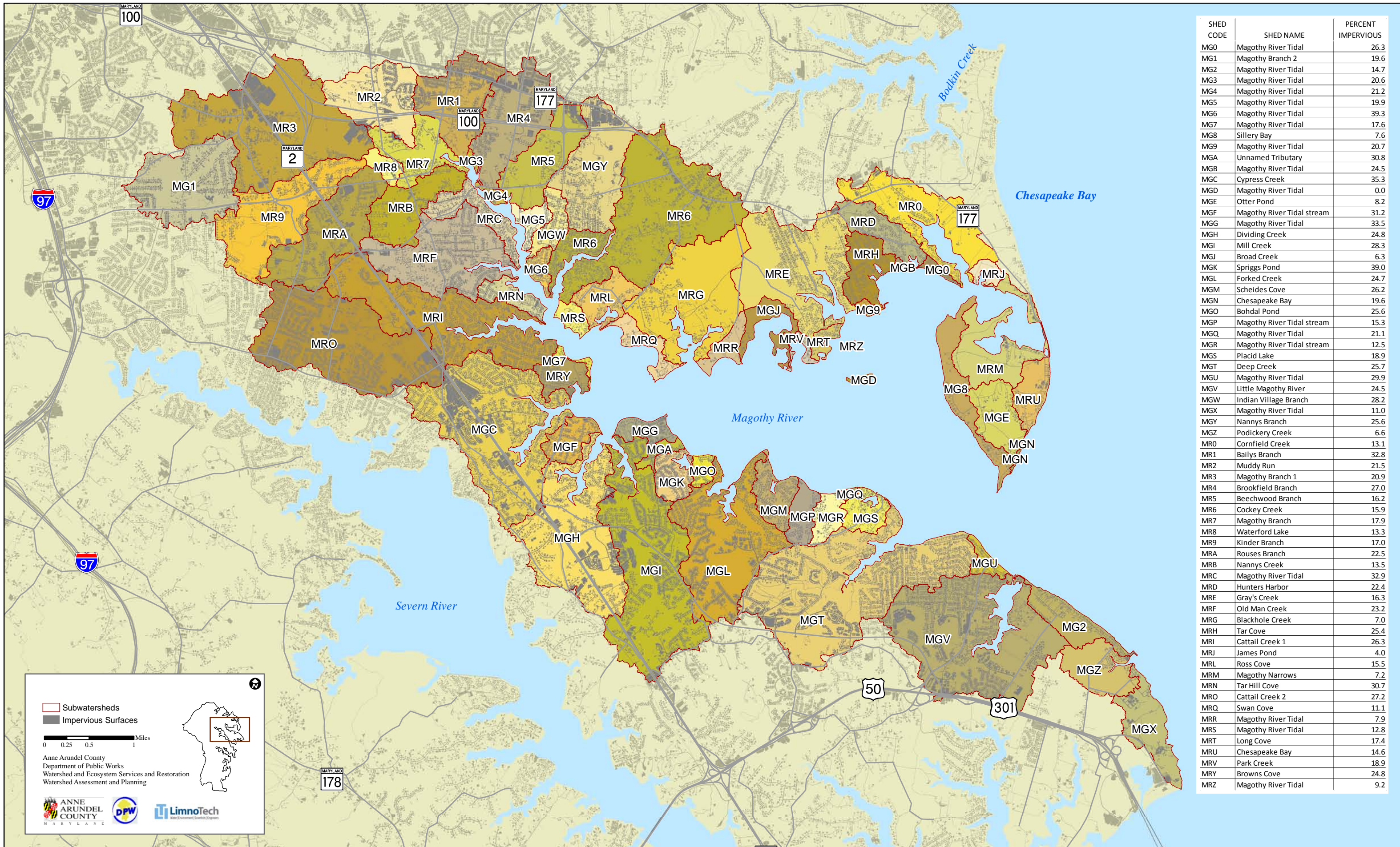
**Legend**

- Magothy River Subwatersheds
- Commercial
- Forested Wetland
- Industrial
- Open Space
- Open Wetland
- Pasture/Hay
- Residential 1-acre
- Residential 1/2-acre
- Residential 1/4-acre
- Residential 1/8-acre
- Residential 2-acre
- Row Crops
- Transportation
- Water
- Woods

0 0.25 0.5 1 Miles



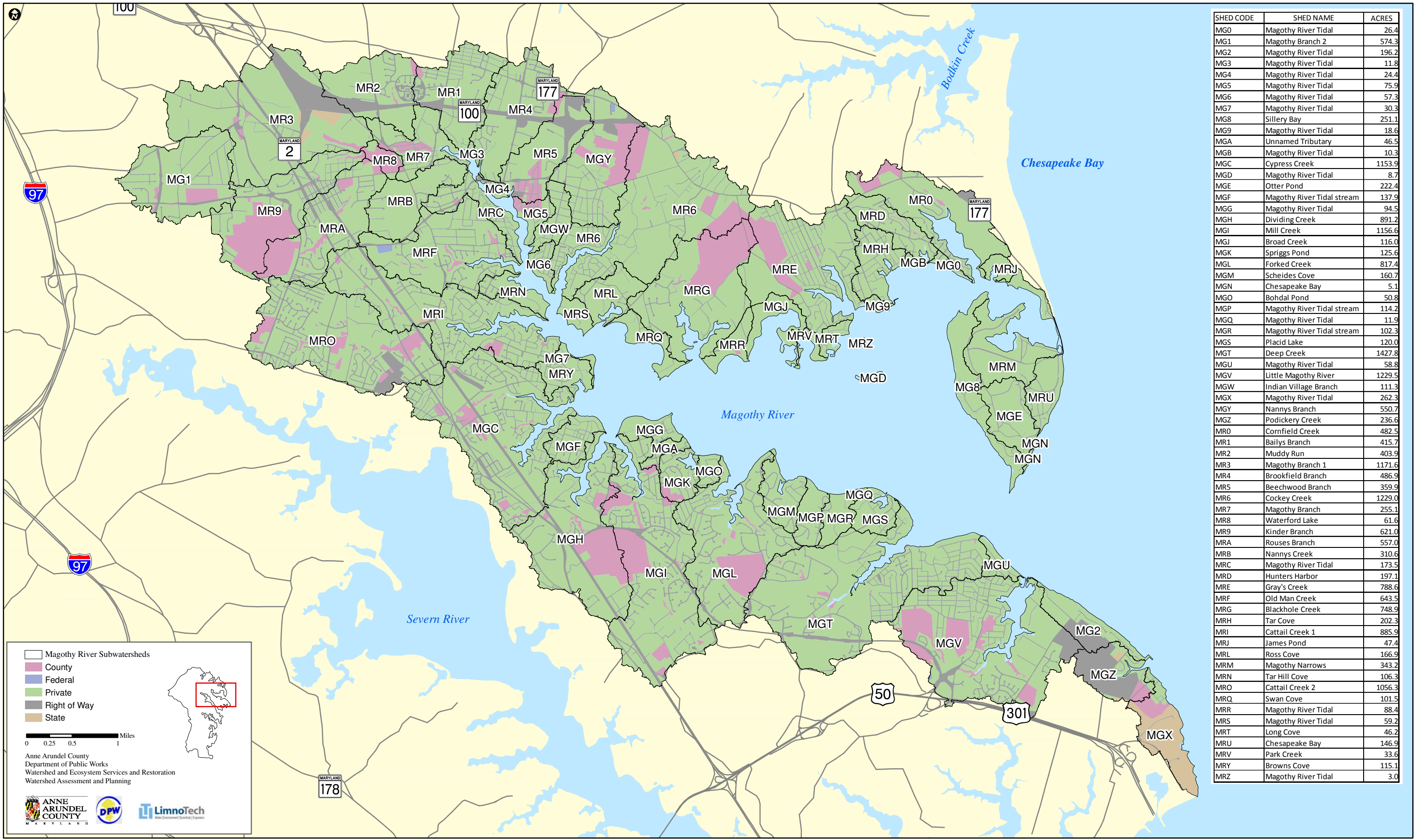
# Map 1.9 - Magothy River Watershed Impervious Surfaces



SHED CODE	SHED NAME	PERCENT IMPERVIOUS
MG0	Magothy River Tidal	26.3
MG1	Magothy Branch 2	19.6
MG2	Magothy River Tidal	14.7
MG3	Magothy River Tidal	20.6
MG4	Magothy River Tidal	21.2
MG5	Magothy River Tidal	19.9
MG6	Magothy River Tidal	39.3
MG7	Magothy River Tidal	17.6
MG8	Sillery Bay	7.6
MG9	Magothy River Tidal	20.7
MGA	Unnamed Tributary	30.8
MGB	Magothy River Tidal	24.5
MGC	Cypress Creek	35.3
MGD	Magothy River Tidal	0.0
MGE	Otter Pond	8.2
MGF	Magothy River Tidal stream	31.2
MGG	Magothy River Tidal	33.5
MGH	Dividing Creek	24.8
MGI	Mill Creek	28.3
MGJ	Broad Creek	6.3
MGK	Spriggs Pond	39.0
MGL	Forked Creek	24.7
MGM	Scheides Cove	26.2
MGN	Chesapeake Bay	19.6
MGO	Bohdal Pond	25.6
MGP	Magothy River Tidal stream	15.3
MGQ	Magothy River Tidal	21.1
MGR	Magothy River Tidal stream	12.5
MGS	Placid Lake	18.9
MGT	Deep Creek	25.7
MGU	Magothy River Tidal	29.9
MGV	Little Magothy River	24.5
MGW	Indian Village Branch	28.2
MGX	Magothy River Tidal	11.0
MGY	Nannys Branch	25.6
MGZ	Podickery Creek	6.6
MR0	Cornfield Creek	13.1
MR1	Bailys Branch	32.8
MR2	Muddy Run	21.5
MR3	Magothy Branch 1	20.9
MR4	Brookfield Branch	27.0
MR5	Beechwood Branch	16.2
MR6	Cockey Creek	15.9
MR7	Magothy Branch	17.9
MR8	Waterford Lake	13.3
MR9	Kinder Branch	17.0
MRA	Rouses Branch	22.5
MRB	Nannys Creek	13.5
MRC	Magothy River Tidal	32.9
MRD	Hunters Harbor	22.4
MRE	Gray's Creek	16.3
MRF	Old Man Creek	23.2
MRG	Blackhole Creek	7.0
MRH	Tar Cove	25.4
MRI	Cattail Creek 1	26.3
MRJ	James Pond	4.0
MRL	Ross Cove	15.5
MRM	Magothy Narrows	7.2
MRN	Tar Hill Cove	30.7
MRO	Cattail Creek 2	27.2
MRQ	Swan Cove	11.1
MRR	Magothy River Tidal	7.9
MRS	Magothy River Tidal	12.8
MRT	Long Cove	17.4
MRU	Chesapeake Bay	14.6
MRV	Park Creek	18.9
MRW	Browns Cove	24.8
MRZ	Magothy River Tidal	9.2



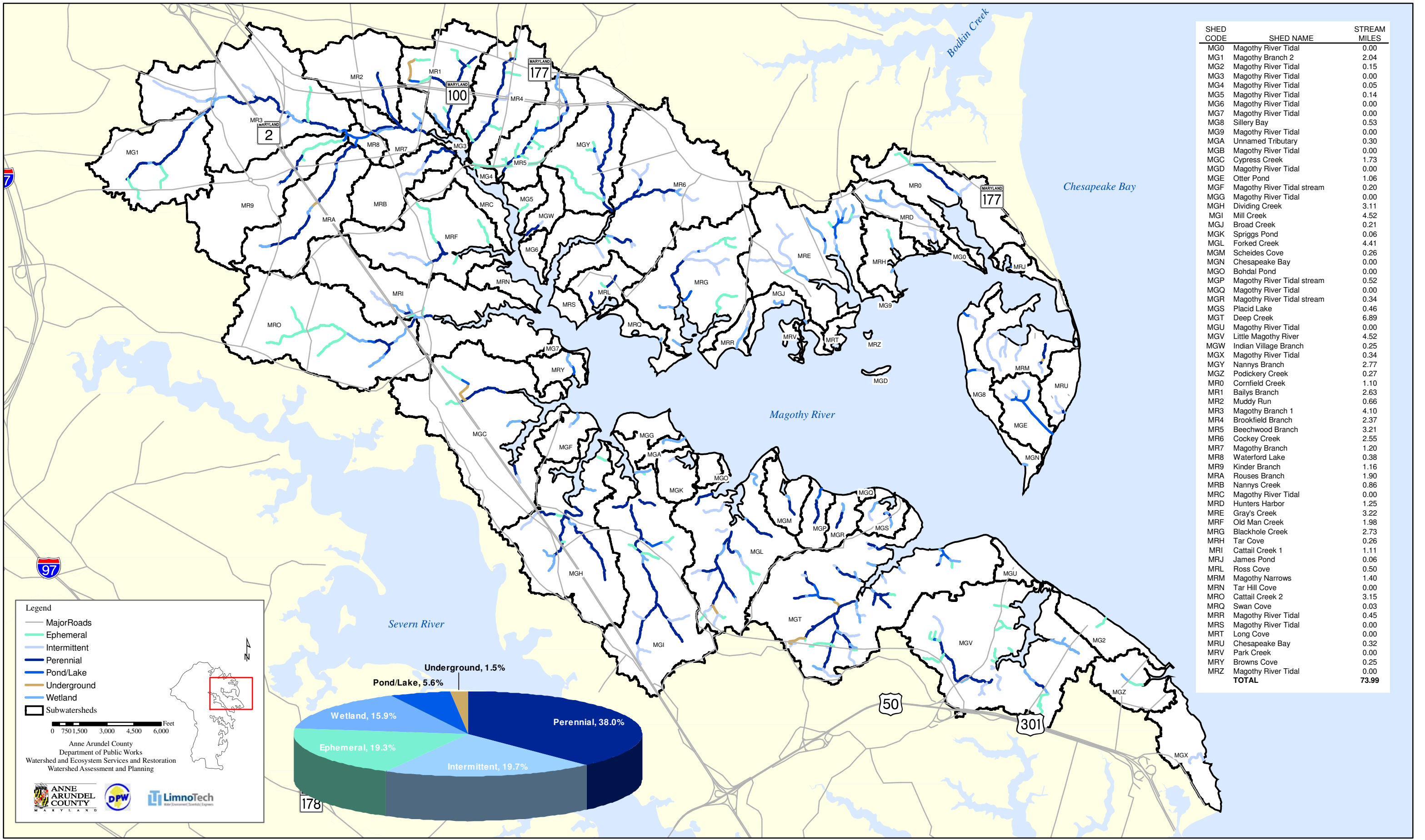
# Map 1.10 - Magothy River Watershed Ownership



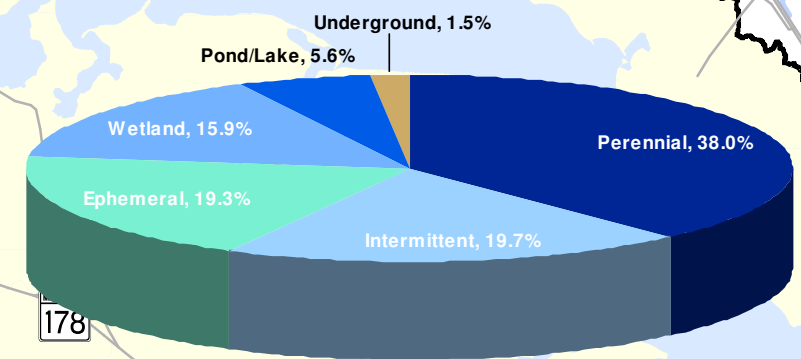
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MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
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MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0



# Map 2.1 - Magothy River Watershed Stream Classifications



SHED CODE	SHED NAME	STREAM MILES
MG0	Magothy River Tidal	0.00
MG1	Magothy Branch 2	2.04
MG2	Magothy River Tidal	0.15
MG3	Magothy River Tidal	0.00
MG4	Magothy River Tidal	0.05
MG5	Magothy River Tidal	0.14
MG6	Magothy River Tidal	0.00
MG7	Magothy River Tidal	0.00
MG8	Sillery Bay	0.53
MG9	Magothy River Tidal	0.00
MGA	Unnamed Tributary	0.30
MGB	Magothy River Tidal	0.00
MGC	Cypress Creek	1.73
MGD	Magothy River Tidal	0.00
MGE	Otter Pond	1.06
MGF	Magothy River Tidal stream	0.20
MGG	Magothy River Tidal	0.00
MGH	Dividing Creek	3.11
MGI	Mill Creek	4.52
MGJ	Broad Creek	0.21
MGK	Spriggs Pond	0.06
MGL	Forked Creek	4.41
MGM	Scheides Cove	0.26
MGN	Chesapeake Bay	0.00
MGO	Bohdal Pond	0.00
MGP	Magothy River Tidal stream	0.52
MGR	Magothy River Tidal stream	0.34
MGS	Placid Lake	0.46
MGT	Deep Creek	6.89
MGU	Magothy River Tidal	0.00
MGV	Little Magothy River	4.52
MGW	Indian Village Branch	0.25
MGX	Magothy River Tidal	0.34
MGY	Nannys Branch	2.77
MGZ	Podickery Creek	0.27
MR0	Cornfield Creek	1.10
MR1	Bailys Branch	2.63
MR2	Muddy Run	0.66
MR3	Magothy Branch 1	4.10
MR4	Brookfield Branch	2.37
MR5	Beechwood Branch	3.21
MR6	Cockey Creek	2.55
MR7	Magothy Branch	1.20
MR8	Waterford Lake	0.38
MR9	Kinder Branch	1.16
MRA	Rouses Branch	1.90
MRB	Nannys Creek	0.86
MRC	Magothy River Tidal	0.00
MRD	Hunters Harbor	1.25
MRE	Gray's Creek	3.22
MRF	Old Man Creek	1.98
MRG	Blackhole Creek	2.73
MRH	Tar Cove	0.26
MRI	Cattail Creek 1	1.11
MRJ	James Pond	0.06
MRL	Ross Cove	0.50
MRM	Magothy Narrows	1.40
MRN	Tar Hill Cove	0.00
MRO	Cattail Creek 2	3.15
MRQ	Swan Cove	0.03
MRR	Magothy River Tidal	0.45
MRS	Magothy River Tidal	0.00
MRT	Long Cove	0.00
MRU	Chesapeake Bay	0.32
MRV	Park Creek	0.00
MRY	Browns Cove	0.25
MRZ	Magothy River Tidal	0.00
<b>TOTAL</b>		<b>73.99</b>



**Legend**

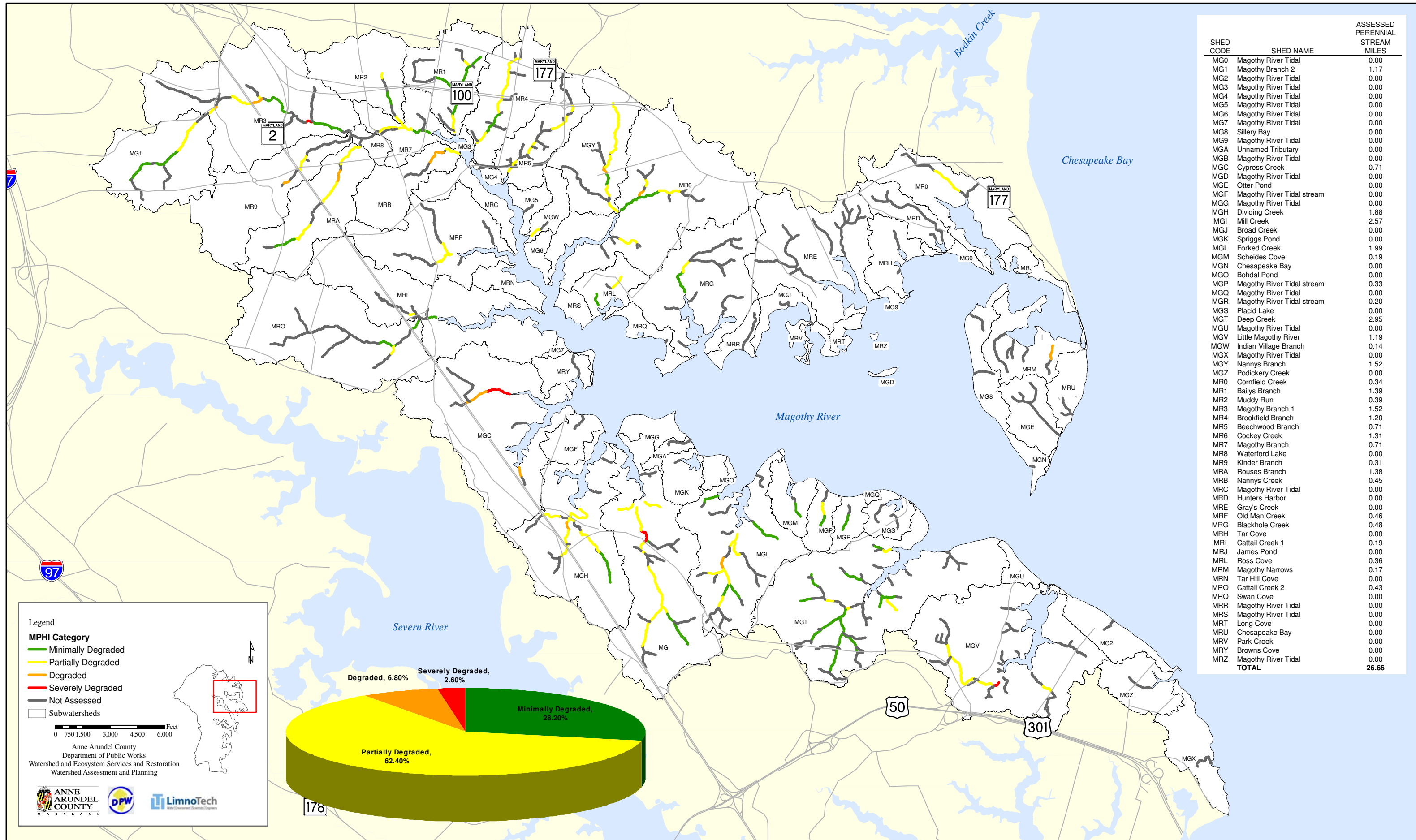
- Major Roads
- Ephemeral
- Intermittent
- Perennial
- Pond/Lake
- Underground
- Wetland
- Subwatersheds

Scale: 0 750 1,500 3,000 4,500 6,000 Feet

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Watershed Assessment and Planning



# Map 2.2 - Magothy River Watershed MPHI Conditions



SHED CODE	SHED NAME	ASSESSED PERENNIAL STREAM MILES
MG0	Magothy River Tidal	0.00
MG1	Magothy Branch 2	1.17
MG2	Magothy River Tidal	0.00
MG3	Magothy River Tidal	0.00
MG4	Magothy River Tidal	0.00
MG5	Magothy River Tidal	0.00
MG6	Magothy River Tidal	0.00
MG7	Magothy River Tidal	0.00
MG8	Sillery Bay	0.00
MG9	Magothy River Tidal	0.00
MGA	Unnamed Tributary	0.00
MGB	Magothy River Tidal	0.00
MGC	Cypress Creek	0.71
MGD	Magothy River Tidal	0.00
MGE	Otter Pond	0.00
MGF	Magothy River Tidal stream	0.00
MGG	Magothy River Tidal	0.00
MGH	Dividing Creek	1.88
MGI	Mill Creek	2.57
MGJ	Broad Creek	0.00
MGK	Spriggs Pond	0.00
MGL	Forked Creek	1.99
MGM	Scheides Cove	0.19
MGN	Chesapeake Bay	0.00
MGO	Bohdal Pond	0.00
MGP	Magothy River Tidal stream	0.33
MGQ	Magothy River Tidal	0.00
MGR	Magothy River Tidal stream	0.20
MGS	Placid Lake	0.00
MGT	Deep Creek	2.95
MGU	Magothy River Tidal	0.00
MGV	Little Magothy River	1.19
MGW	Indian Village Branch	0.14
MGX	Magothy River Tidal	0.00
MGY	Nannys Branch	1.52
MGZ	Podickery Creek	0.00
MR0	Cornfield Creek	0.34
MR1	Bailys Branch	1.39
MR2	Muddy Run	0.39
MR3	Magothy Branch 1	1.52
MR4	Brookfield Branch	1.20
MR5	Beechwood Branch	0.71
MR6	Cockey Creek	1.31
MR7	Magothy Branch	0.71
MR8	Waterford Lake	0.00
MR9	Kinder Branch	0.31
MRA	Rouses Branch	1.38
MRB	Nannys Creek	0.45
MRC	Magothy River Tidal	0.00
MRD	Hunters Harbor	0.00
MRE	Gray's Creek	0.00
MRF	Old Man Creek	0.46
MRG	Blackhole Creek	0.48
MRH	Tar Cove	0.00
MRI	Cattail Creek 1	0.19
MRJ	James Pond	0.00
MRL	Ross Cove	0.36
MRM	Magothy Narrows	0.17
MRN	Tar Hill Cove	0.00
MRO	Cattail Creek 2	0.43
MRI	Swan Cove	0.00
MRR	Magothy River Tidal	0.00
MRS	Magothy River Tidal	0.00
MRT	Long Cove	0.00
MRU	Chesapeake Bay	0.00
MRV	Park Creek	0.00
MRY	Browns Cove	0.00
MRZ	Magothy River Tidal	0.00
<b>TOTAL</b>		<b>26.66</b>

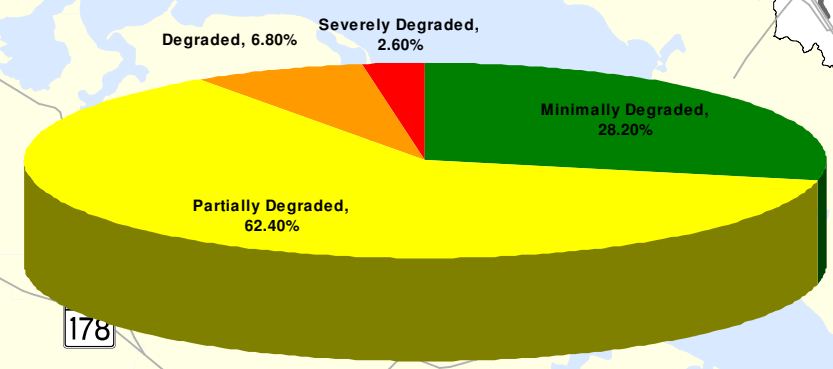
**Legend**

**MPHI Category**

- Minimally Degraded
- Partially Degraded
- Degraded
- Severely Degraded
- Not Assessed
- Subwatersheds

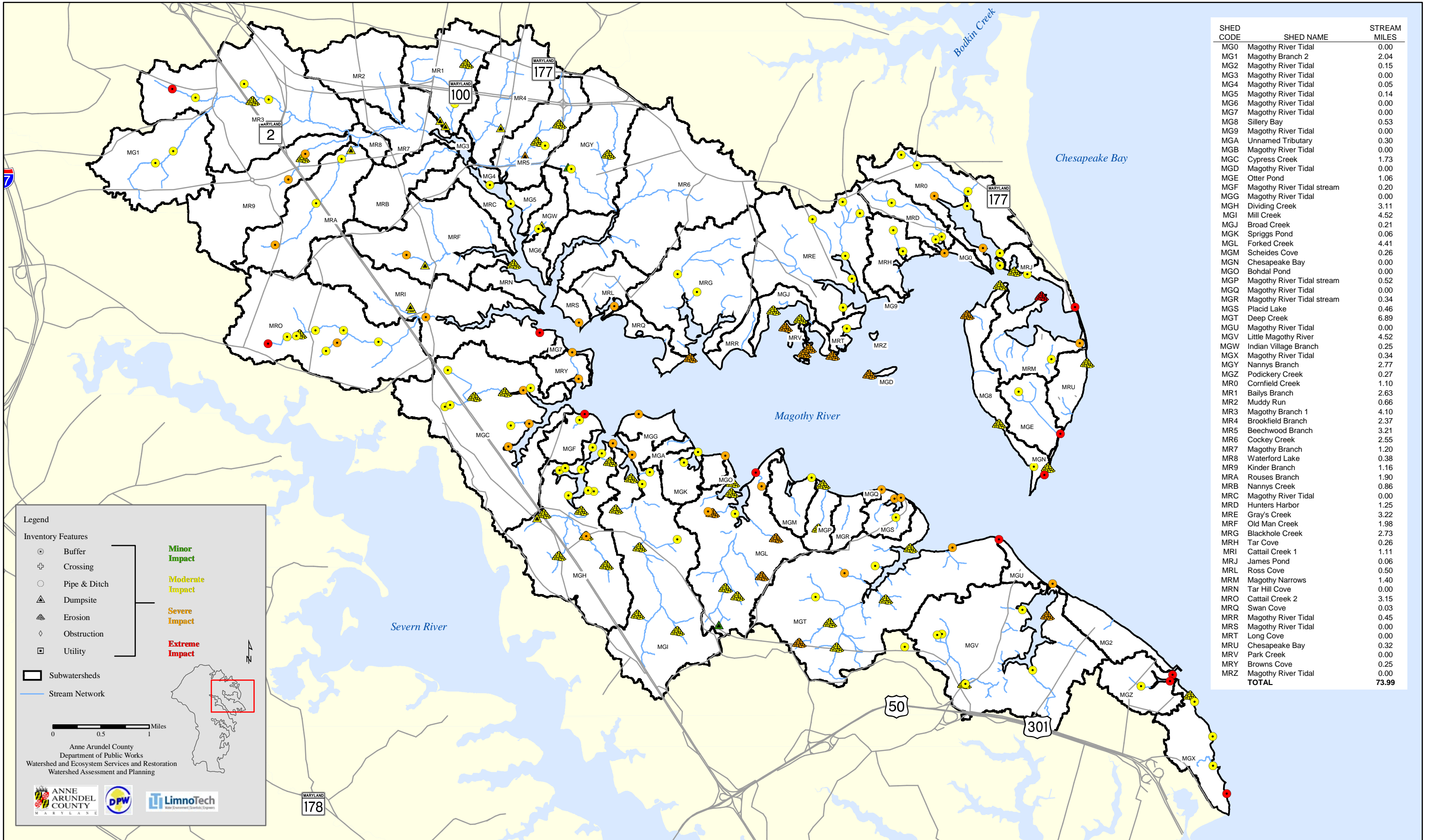
0 750 1,500 3,000 4,500 6,000 Feet

Anne Arundel County  
Department of Public Works  
Watershed and Ecosystem Services and Restoration  
Watershed Assessment and Planning





# Map 2.3 - Magothy River Watershed Infrastructure and Environmental Features



SHED CODE	SHED NAME	STREAM MILES
MG0	Magothy River Tidal	0.00
MG1	Magothy Branch 2	2.04
MG2	Magothy River Tidal	0.15
MG3	Magothy River Tidal	0.00
MG4	Magothy River Tidal	0.05
MG5	Magothy River Tidal	0.14
MG6	Magothy River Tidal	0.00
MG7	Magothy River Tidal	0.00
MG8	Sillery Bay	0.53
MG9	Magothy River Tidal	0.00
MGA	Unnamed Tributary	0.30
MGB	Magothy River Tidal	0.00
MGC	Cypress Creek	1.73
MGD	Magothy River Tidal	0.00
MGE	Otter Pond	1.06
MGF	Magothy River Tidal stream	0.20
MGG	Magothy River Tidal	0.00
MGH	Dividing Creek	3.11
MGI	Mill Creek	4.52
MGJ	Broad Creek	0.21
MGK	Spriggs Pond	0.06
MGL	Forked Creek	4.41
MGM	Scheides Cove	0.26
MGN	Chesapeake Bay	0.00
MGO	Bohdal Pond	0.00
MGP	Magothy River Tidal stream	0.52
MGQ	Magothy River Tidal	0.00
MGR	Magothy River Tidal stream	0.34
MGS	Placid Lake	0.46
MGT	Deep Creek	6.89
MGU	Magothy River Tidal	0.00
MGV	Little Magothy River	4.52
MGW	Indian Village Branch	0.25
MGX	Magothy River Tidal	0.34
MGY	Nannys Branch	2.77
MGZ	Podickery Creek	0.27
MR0	Cornfield Creek	1.10
MR1	Bailys Branch	2.63
MR2	Muddy Run	0.66
MR3	Magothy Branch 1	4.10
MR4	Brookfield Branch	2.37
MR5	Beechwood Branch	3.21
MR6	Cockey Creek	2.55
MR7	Magothy Branch	1.20
MR8	Waterford Lake	0.38
MR9	Kinder Branch	1.16
MRA	Rouses Branch	1.90
MRB	Nannys Creek	0.86
MRC	Magothy River Tidal	0.00
MRD	Hunters Harbor	1.25
MRE	Gray's Creek	3.22
MRF	Old Man Creek	1.98
MRG	Blackhole Creek	2.73
MRH	Tar Cove	0.26
MRI	Cattail Creek 1	1.11
MRJ	James Pond	0.06
MRL	Ross Cove	0.50
MRM	Magothy Narrows	1.40
MRN	Tar Hill Cove	0.00
MRO	Cattail Creek 2	3.15
MRQ	Swan Cove	0.03
MRR	Magothy River Tidal	0.45
MRS	Magothy River Tidal	0.00
MRT	Long Cove	0.00
MRU	Chesapeake Bay	0.32
MRV	Park Creek	0.00
MRY	Browns Cove	0.25
MRZ	Magothy River Tidal	0.00
<b>TOTAL</b>		<b>73.99</b>

**Legend**

**Inventory Features**

- Buffer
- ⊕ Crossing
- Pipe & Ditch
- ▲ Dumpsite
- ⚠ Erosion
- ◇ Obstruction
- Utility

**Impact Levels**

- Minor Impact (Green)
- Moderate Impact (Yellow)
- Severe Impact (Orange)
- Extreme Impact (Red)

**Other Features**

- Subwatersheds (Black outline)
- Stream Network (Blue lines)

**Scale**

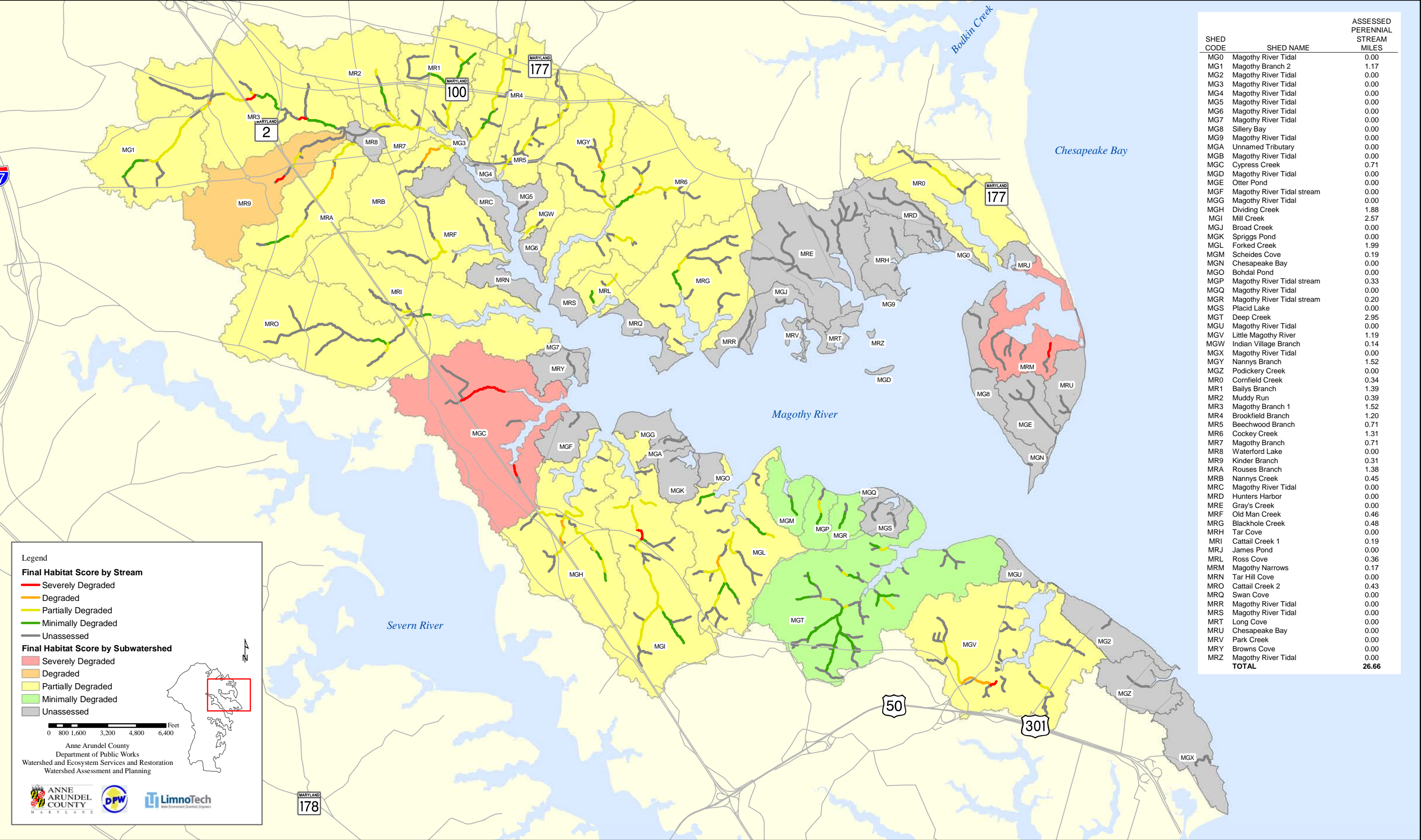
0 0.5 1 Miles

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Department of Public Works  
Watershed and Ecosystem Services and Restoration  
Watershed Assessment and Planning

**Logos:** ANNE ARUNDEL COUNTY, DPW, LimnoTech



# Map 2.4 - Magothy River Watershed Final Habitat Scores



SHED CODE	SHED NAME	ASSESSED PERENNIAL STREAM MILES
MG0	Magothy River Tidal	0.00
MG1	Magothy Branch 2	1.17
MG2	Magothy River Tidal	0.00
MG3	Magothy River Tidal	0.00
MG4	Magothy River Tidal	0.00
MG5	Magothy River Tidal	0.00
MG6	Magothy River Tidal	0.00
MG7	Magothy River Tidal	0.00
MG8	Sillery Bay	0.00
MG9	Magothy River Tidal	0.00
MGA	Unnamed Tributary	0.00
MGB	Magothy River Tidal	0.00
MGC	Cypress Creek	0.71
MGD	Magothy River Tidal	0.00
MGE	Otter Pond	0.00
MGF	Magothy River Tidal stream	0.00
MGG	Magothy River Tidal	0.00
MGH	Dividing Creek	1.88
MGI	Mill Creek	2.57
MGJ	Broad Creek	0.00
MGK	Spriggs Pond	0.00
MGL	Forked Creek	1.99
MGM	Scheides Cove	0.19
MGN	Chesapeake Bay	0.00
MGO	Bohdal Pond	0.00
MGP	Magothy River Tidal stream	0.33
MGO	Magothy River Tidal	0.00
MGR	Magothy River Tidal stream	0.20
MGS	Placid Lake	0.00
MGT	Deep Creek	2.95
MGU	Magothy River Tidal	0.00
MGV	Little Magothy River	1.19
MGW	Indian Village Branch	0.14
MGX	Magothy River Tidal	0.00
MGY	Nannys Branch	1.52
MGZ	Podickery Creek	0.00
MR0	Cornfield Creek	0.34
MR1	Bailys Branch	1.39
MR2	Muddy Run	0.39
MR3	Magothy Branch 1	1.52
MR4	Brookfield Branch	1.20
MR5	Beechwood Branch	0.71
MR6	Cockey Creek	1.31
MR7	Magothy Branch	0.71
MR8	Waterford Lake	0.00
MR9	Kinder Branch	0.31
MRA	Rouses Branch	1.38
MRB	Nannys Creek	0.45
MRC	Magothy River Tidal	0.00
MRD	Hunters Harbor	0.00
MRE	Gray's Creek	0.00
MRF	Old Man Creek	0.46
MRG	Blackhole Creek	0.48
MRH	Tar Cove	0.00
MRI	Cattail Creek 1	0.19
MRJ	James Pond	0.00
MRL	Ross Cove	0.36
MRM	Magothy Narrows	0.17
MRN	Tar Hill Cove	0.00
MRO	Cattail Creek 2	0.43
MRQ	Swan Cove	0.00
MRR	Magothy River Tidal	0.00
MRS	Magothy River Tidal	0.00
MRT	Long Cove	0.00
MRU	Chesapeake Bay	0.00
MRV	Park Creek	0.00
MRY	Browns Cove	0.00
MRZ	Magothy River Tidal	0.00
<b>TOTAL</b>		<b>26.66</b>

**Legend**

**Final Habitat Score by Stream**

- Severely Degraded
- Degraded
- Partially Degraded
- Minimally Degraded
- Unassessed

**Final Habitat Score by Subwatershed**

- Severely Degraded
- Degraded
- Partially Degraded
- Minimally Degraded
- Unassessed

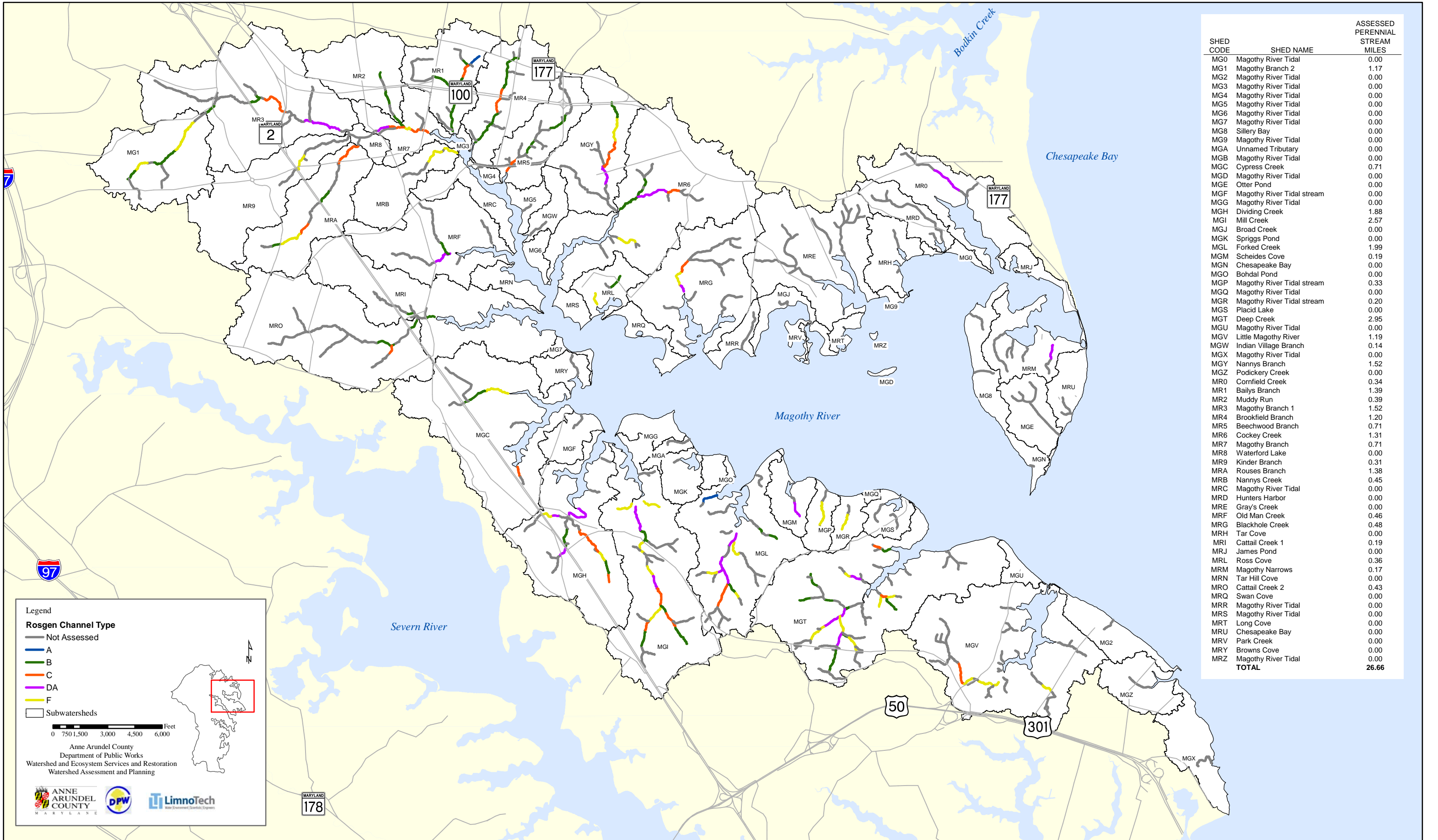
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# Map 2.5 - Rosgen Level I Classifications



SHED CODE	SHED NAME	ASSESSED PERENNIAL STREAM MILES
MG0	Magothy River Tidal	0.00
MG1	Magothy Branch 2	1.17
MG2	Magothy River Tidal	0.00
MG3	Magothy River Tidal	0.00
MG4	Magothy River Tidal	0.00
MG5	Magothy River Tidal	0.00
MG6	Magothy River Tidal	0.00
MG7	Magothy River Tidal	0.00
MG8	Sillery Bay	0.00
MG9	Magothy River Tidal	0.00
MGA	Unnamed Tributary	0.00
MGB	Magothy River Tidal	0.00
MGC	Cypress Creek	0.71
MGD	Magothy River Tidal	0.00
MGE	Otter Pond	0.00
MGF	Magothy River Tidal stream	0.00
MGG	Magothy River Tidal	0.00
MGH	Dividing Creek	1.88
MGI	Mill Creek	2.57
MGJ	Broad Creek	0.00
MGK	Spriggs Pond	0.00
MGL	Forked Creek	1.99
MGM	Scheides Cove	0.19
MGN	Chesapeake Bay	0.00
MGO	Bohdal Pond	0.00
MGP	Magothy River Tidal stream	0.33
MGQ	Magothy River Tidal	0.00
MGR	Magothy River Tidal stream	0.20
MGS	Placid Lake	0.00
MGT	Deep Creek	2.95
MGU	Magothy River Tidal	0.00
MGV	Little Magothy River	1.19
MGW	Indian Village Branch	0.14
MGX	Magothy River Tidal	0.00
MGY	Nannys Branch	1.52
MGZ	Podickery Creek	0.00
MR0	Cornfield Creek	0.34
MR1	Bailys Branch	1.39
MR2	Muddy Run	0.39
MR3	Magothy Branch 1	1.52
MR4	Brookfield Branch	1.20
MR5	Beechwood Branch	0.71
MR6	Cockey Creek	1.31
MR7	Magothy Branch	0.71
MR8	Waterford Lake	0.00
MR9	Kinder Branch	0.31
MRA	Rouses Branch	1.38
MRB	Nannys Creek	0.45
MRC	Magothy River Tidal	0.00
MRD	Hunters Harbor	0.00
MRE	Gray's Creek	0.00
MRF	Old Man Creek	0.46
MRG	Blackhole Creek	0.48
MRH	Tar Cove	0.00
MRI	Cattail Creek 1	0.19
MRJ	James Pond	0.00
MRL	Ross Cove	0.36
MRM	Magothy Narrows	0.17
MRN	Tar Hill Cove	0.00
MRO	Cattail Creek 2	0.43
MRQ	Swan Cove	0.00
MRR	Magothy River Tidal	0.00
MRS	Magothy River Tidal	0.00
MRT	Long Cove	0.00
MRU	Chesapeake Bay	0.00
MRV	Park Creek	0.00
MRY	Browns Cove	0.00
MRZ	Magothy River Tidal	0.00
<b>TOTAL</b>		<b>26.66</b>

**Legend**

**Rosgen Channel Type**

- Not Assessed (Grey line)
- A (Blue line)
- B (Green line)
- C (Orange line)
- DA (Purple line)
- F (Yellow line)

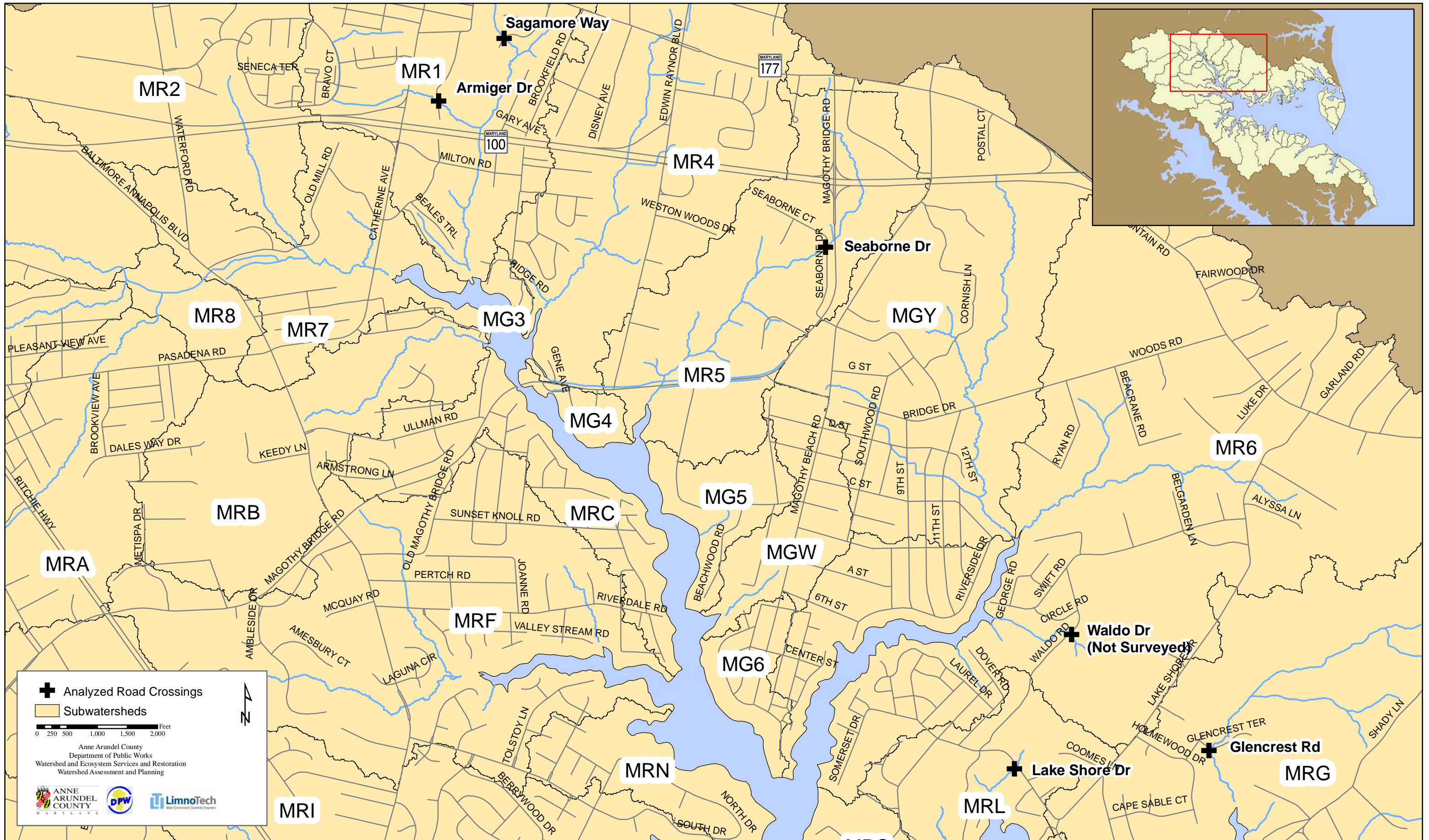
Subwatersheds (Black outline)

0 750 1,500 3,000 4,500 6,000 Feet

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# Map 2.6 - Location of Road Crossings Analyzed for Flooding Potential



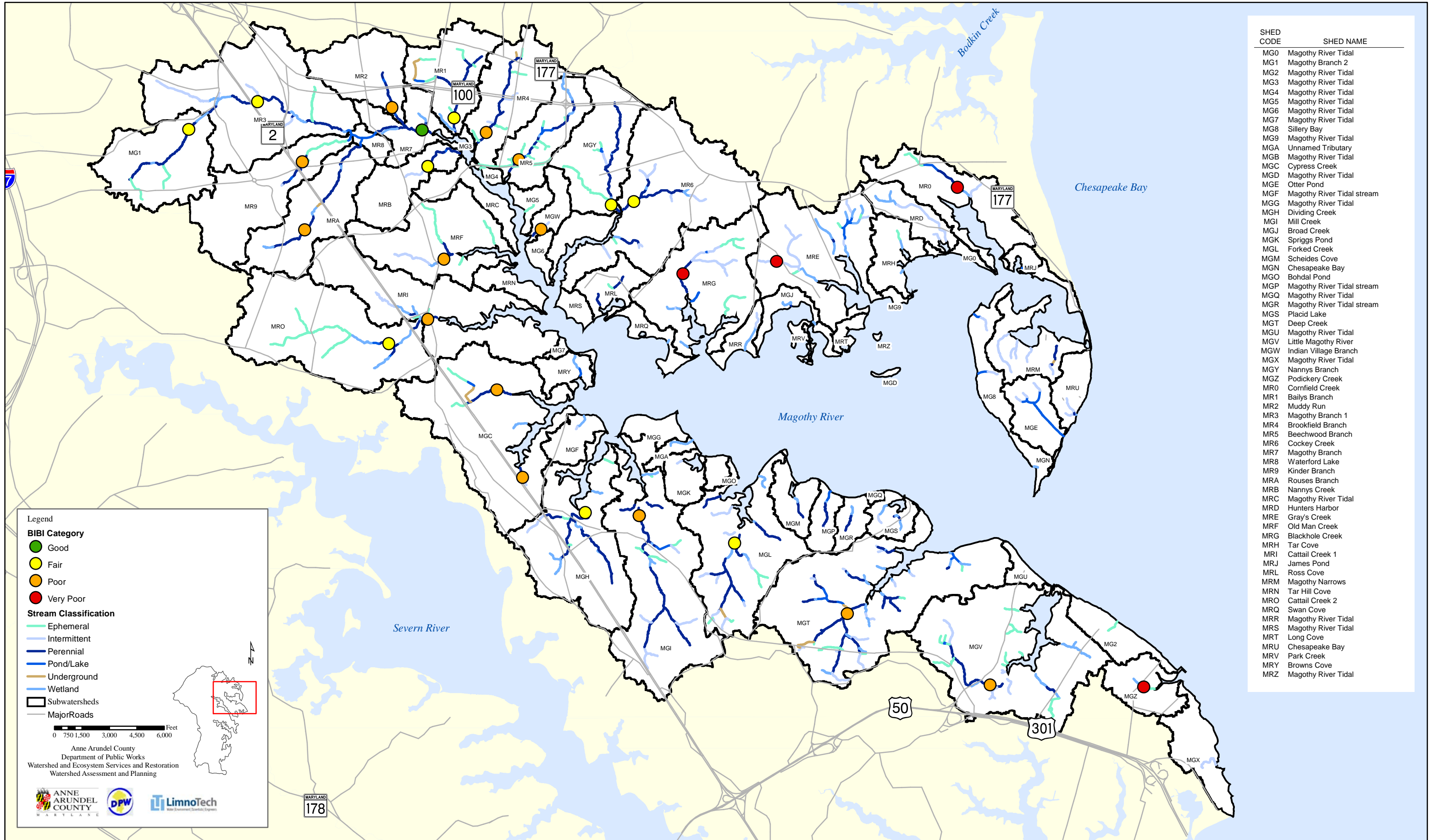
**+** Analyzed Road Crossings  
**■** Subwatersheds

0 250 500 1,000 1,500 2,000 Feet

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# Map 2.7 - Bioassessment Sample Locations and Results



SHED CODE	SHED NAME
MG0	Magothy River Tidal
MG1	Magothy Branch 2
MG2	Magothy River Tidal
MG3	Magothy River Tidal
MG4	Magothy River Tidal
MG5	Magothy River Tidal
MG6	Magothy River Tidal
MG7	Magothy River Tidal
MG8	Sillery Bay
MG9	Magothy River Tidal
MGA	Unnamed Tributary
MGB	Magothy River Tidal
MGC	Cypress Creek
MGD	Magothy River Tidal
MGE	Otter Pond
MGF	Magothy River Tidal stream
MGG	Magothy River Tidal
MGH	Dividing Creek
MGI	Mill Creek
MGJ	Broad Creek
MGK	Spriggs Pond
MGL	Forked Creek
MGM	Scheides Cove
MGN	Chesapeake Bay
MGO	Bohdal Pond
MGP	Magothy River Tidal stream
MGQ	Magothy River Tidal
MGR	Magothy River Tidal stream
MGS	Placid Lake
MGT	Deep Creek
MGU	Magothy River Tidal
MGV	Little Magothy River
MGW	Indian Village Branch
MGX	Magothy River Tidal
MGY	Nannys Branch
MGZ	Podickery Creek
MR0	Cornfield Creek
MR1	Bailys Branch
MR2	Muddy Run
MR3	Magothy Branch 1
MR4	Brookfield Branch
MR5	Beechwood Branch
MR6	Cockey Creek
MR7	Magothy Branch
MR8	Waterford Lake
MR9	Kinder Branch
MRA	Rouses Branch
MRB	Nannys Creek
MRC	Magothy River Tidal
MRD	Hunters Harbor
MRE	Gray's Creek
MRF	Old Man Creek
MRG	Blackhole Creek
MRH	Tar Cove
MRI	Cattail Creek 1
MRJ	James Pond
MRL	Ross Cove
MRM	Magothy Narrows
MRN	Tar Hill Cove
MRO	Cattail Creek 2
MRQ	Swan Cove
MRR	Magothy River Tidal
MRS	Magothy River Tidal
MRT	Long Cove
MRU	Chesapeake Bay
MRV	Park Creek
MRY	Browns Cove
MRZ	Magothy River Tidal

**Legend**

**BIBI Category**

- Good
- Fair
- Poor
- Very Poor

**Stream Classification**

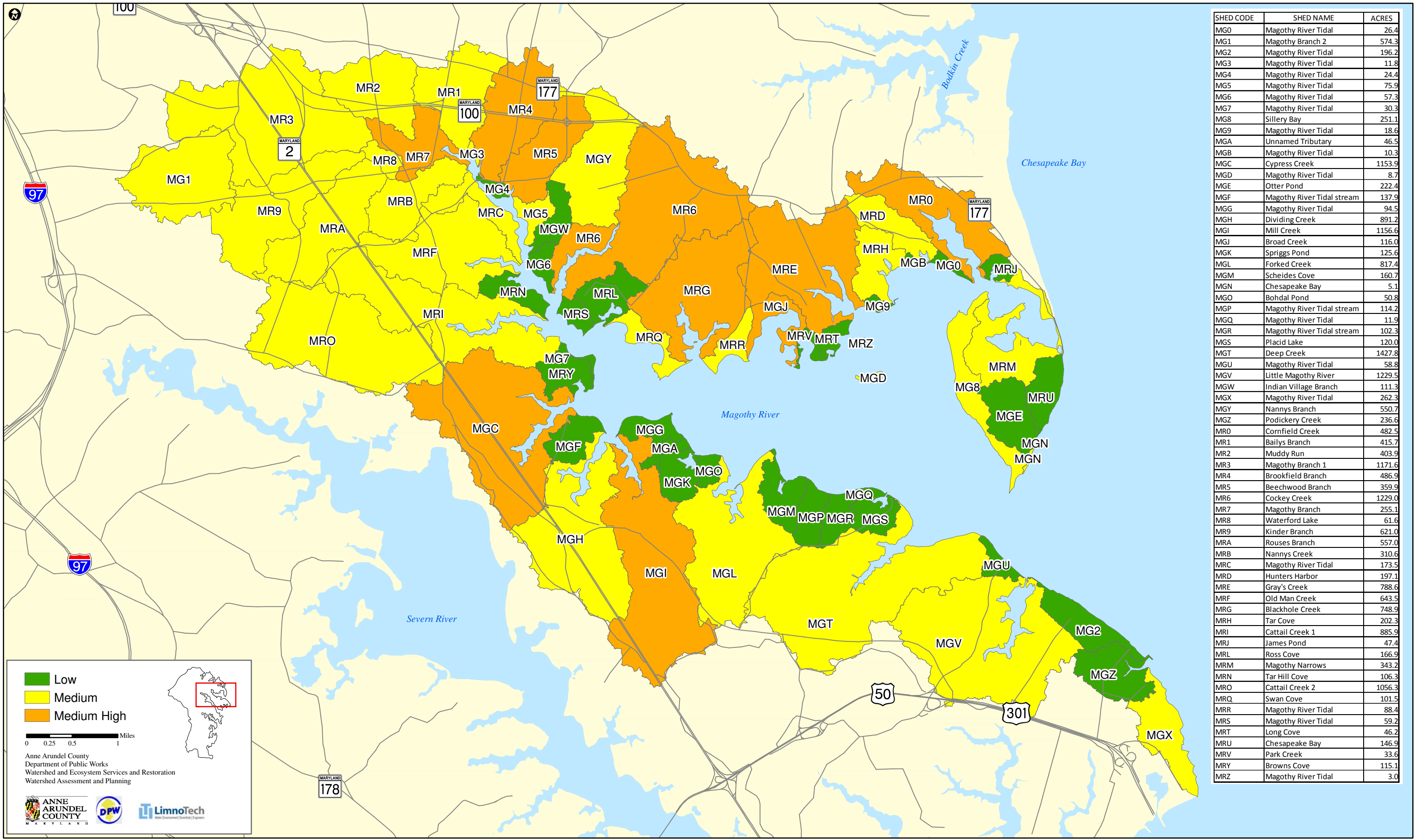
- Ephemeral
- Intermittent
- Perennial
- Pond/Lake
- Underground
- Wetland
- Subwatersheds
- Major Roads

0 750 1,500 3,000 4,500 6,000 Feet

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# Map 2.8 - Subwatershed Ratings for Aquatic Resource Indicators



SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

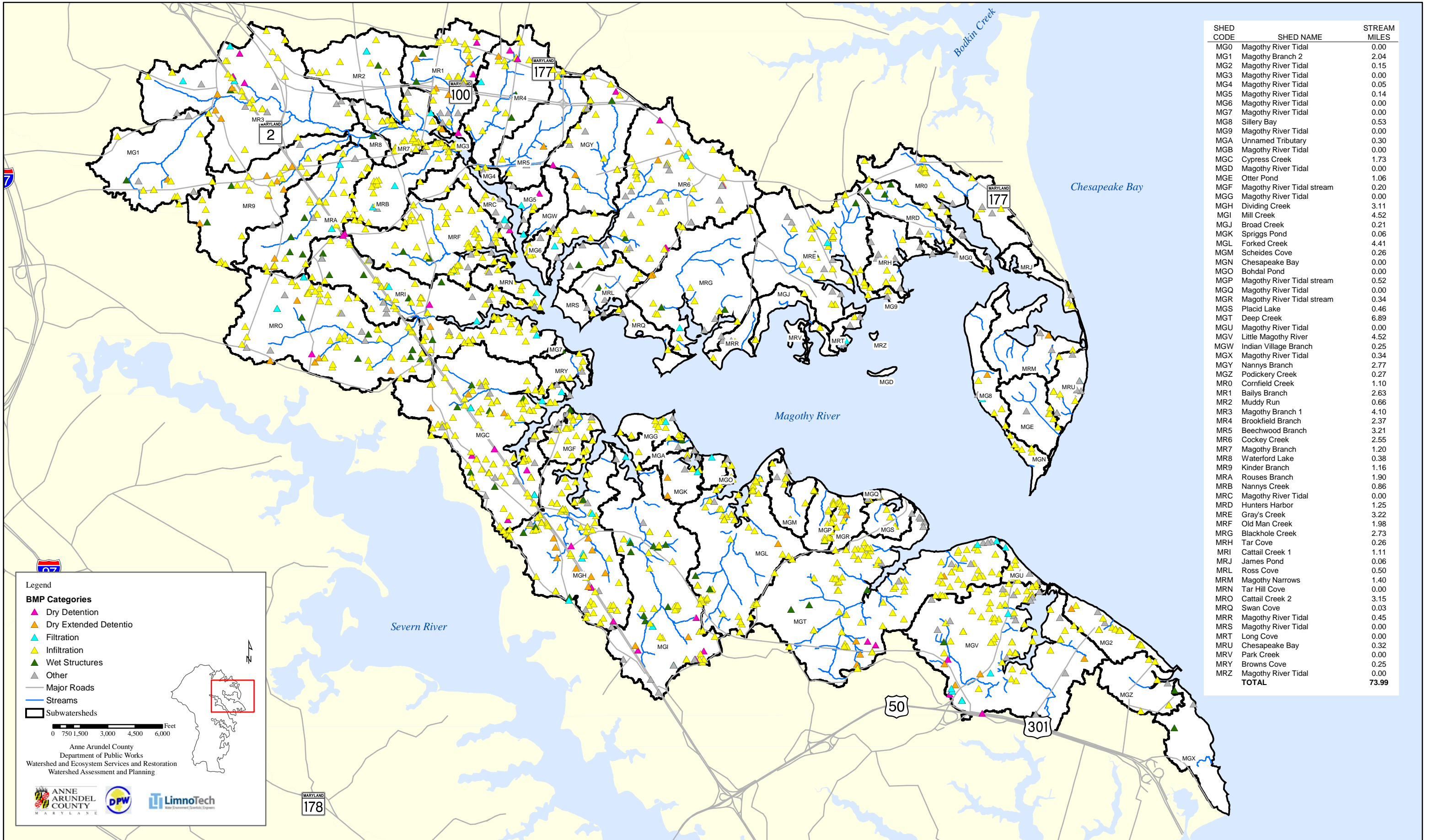
■ Low  
■ Medium  
■ Medium High

0 0.25 0.5 1 Miles

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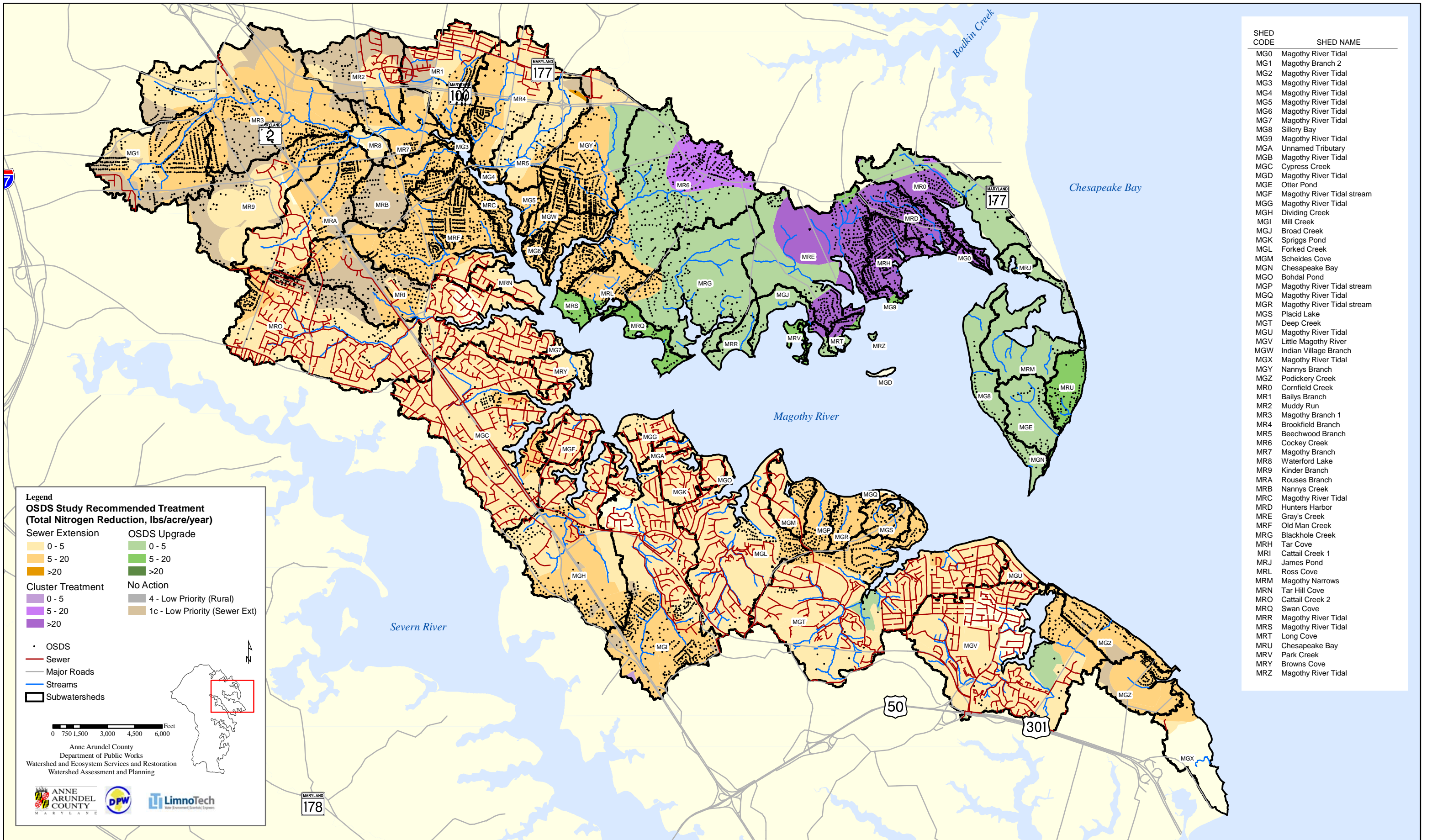


# Map 2.9 - Locations of Urban Stormwater BMPs





# Map 2.10 - OSDS Locations and Recommended Treatment Alternatives



SHED CODE	SHED NAME
MG0	Magothy River Tidal
MG1	Magothy Branch 2
MG2	Magothy River Tidal
MG3	Magothy River Tidal
MG4	Magothy River Tidal
MG5	Magothy River Tidal
MG6	Magothy River Tidal
MG7	Magothy River Tidal
MG8	Sillery Bay
MG9	Magothy River Tidal
MGA	Unnamed Tributary
MGB	Magothy River Tidal
MGC	Cypress Creek
MGD	Magothy River Tidal
MGE	Otter Pond
MGF	Magothy River Tidal stream
MGG	Magothy River Tidal
MGH	Dividing Creek
MGI	Mill Creek
MGJ	Broad Creek
MGK	Spriggs Pond
MGL	Forked Creek
MGM	Scheides Cove
MGN	Chesapeake Bay
MGO	Bohdal Pond
MGP	Magothy River Tidal stream
MGQ	Magothy River Tidal
MGR	Magothy River Tidal stream
MGS	Placid Lake
MGT	Deep Creek
MGU	Magothy River Tidal
MGV	Little Magothy River
MGW	Indian Village Branch
MGX	Magothy River Tidal
MGY	Nannys Branch
MGZ	Podickery Creek
MR0	Cornfield Creek
MR1	Bailys Branch
MR2	Muddy Run
MR3	Magothy Branch 1
MR4	Brookfield Branch
MR5	Beechwood Branch
MR6	Cockey Creek
MR7	Magothy Branch
MR8	Waterford Lake
MR9	Kinder Branch
MRA	Rouses Branch
MRB	Nannys Creek
MRC	Magothy River Tidal
MRD	Hunters Harbor
MRE	Gray's Creek
MRF	Old Man Creek
MRG	Blackhole Creek
MRH	Tar Cove
MRI	Cattail Creek 1
MRJ	James Pond
MRL	Ross Cove
MRM	Magothy Narrows
MRN	Tar Hill Cove
MRO	Cattail Creek 2
MRQ	Swan Cove
MRR	Magothy River Tidal
MRS	Magothy River Tidal
MRT	Long Cove
MRU	Chesapeake Bay
MRV	Park Creek
MRY	Browns Cove
MRZ	Magothy River Tidal

**Legend**

**OSDS Study Recommended Treatment (Total Nitrogen Reduction, lbs/acre/year)**

<b>Sewer Extension</b>	<b>OSDS Upgrade</b>
0 - 5	0 - 5
5 - 20	5 - 20
>20	>20

<b>Cluster Treatment</b>	<b>No Action</b>
0 - 5	4 - Low Priority (Rural)
5 - 20	1c - Low Priority (Sewer Ext)
>20	

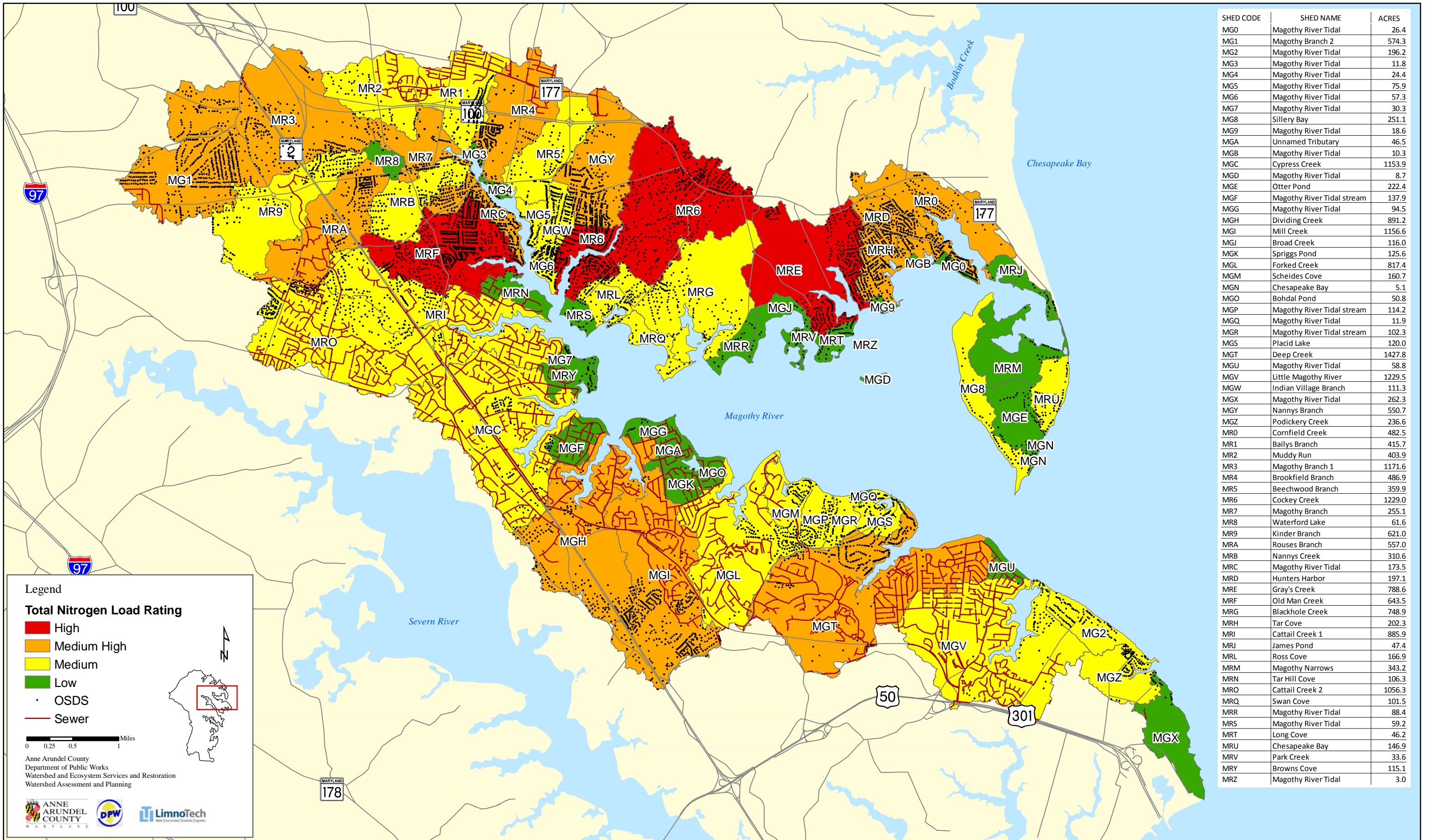
- OSDS
- Sewer
- Major Roads
- Streams
- ▭ Subwatersheds

0 750 1,500 3,000 4,500 6,000 Feet

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# Map 2.11 - Subwatershed Ratings for OSDS Total Nitrogen Loading



SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

**Legend**

**Total Nitrogen Load Rating**

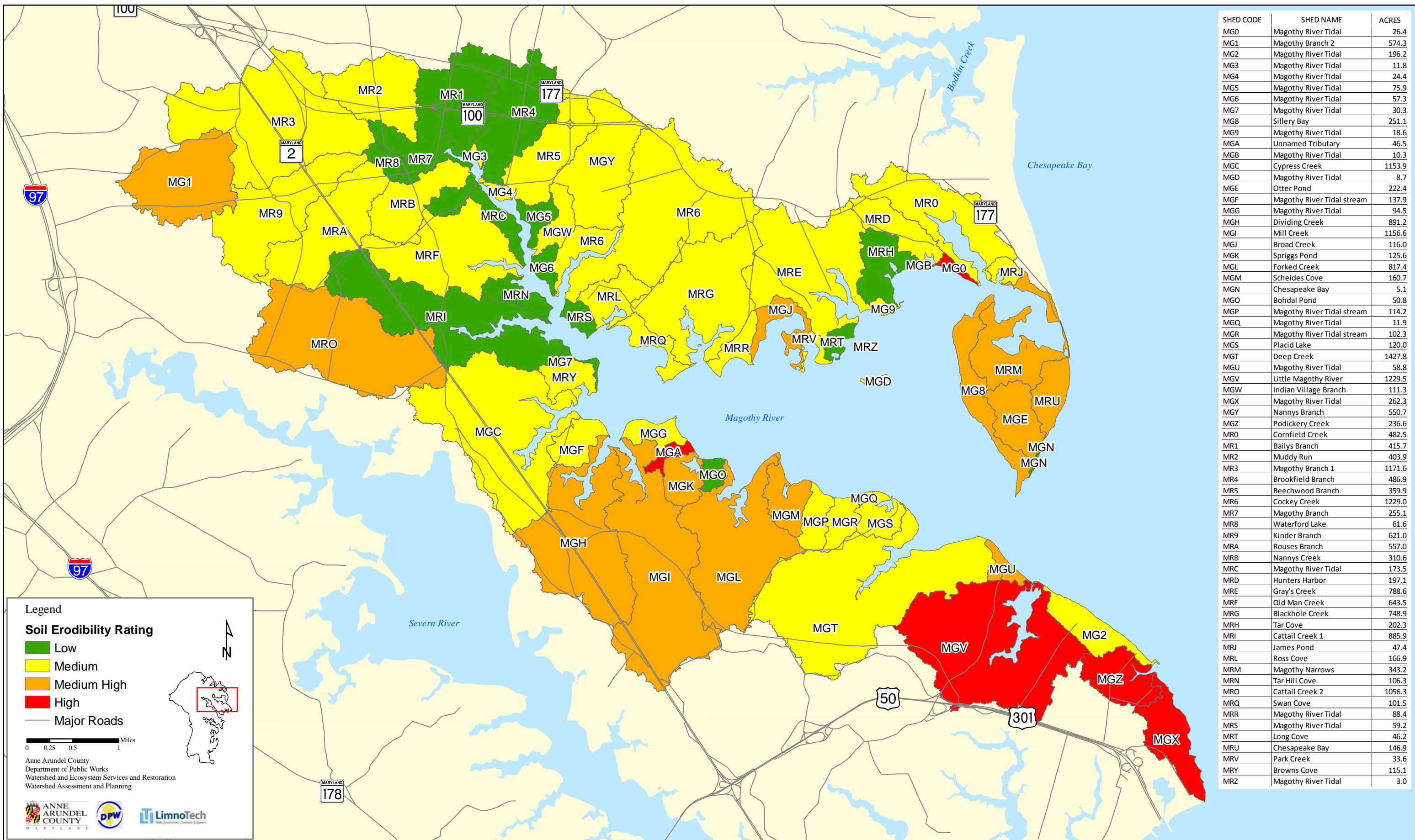
- High
- Medium High
- Medium
- Low
- OSDS
- Sewer

0 0.25 0.5 1 Miles

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Watershed Assessment and Planning



# Map 2.12 - Subwatershed Ratings for Soil Erodibility



SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

**Legend**

**Soil Erodibility Rating**

- Low
- Medium
- Medium High
- High
- Major Roads

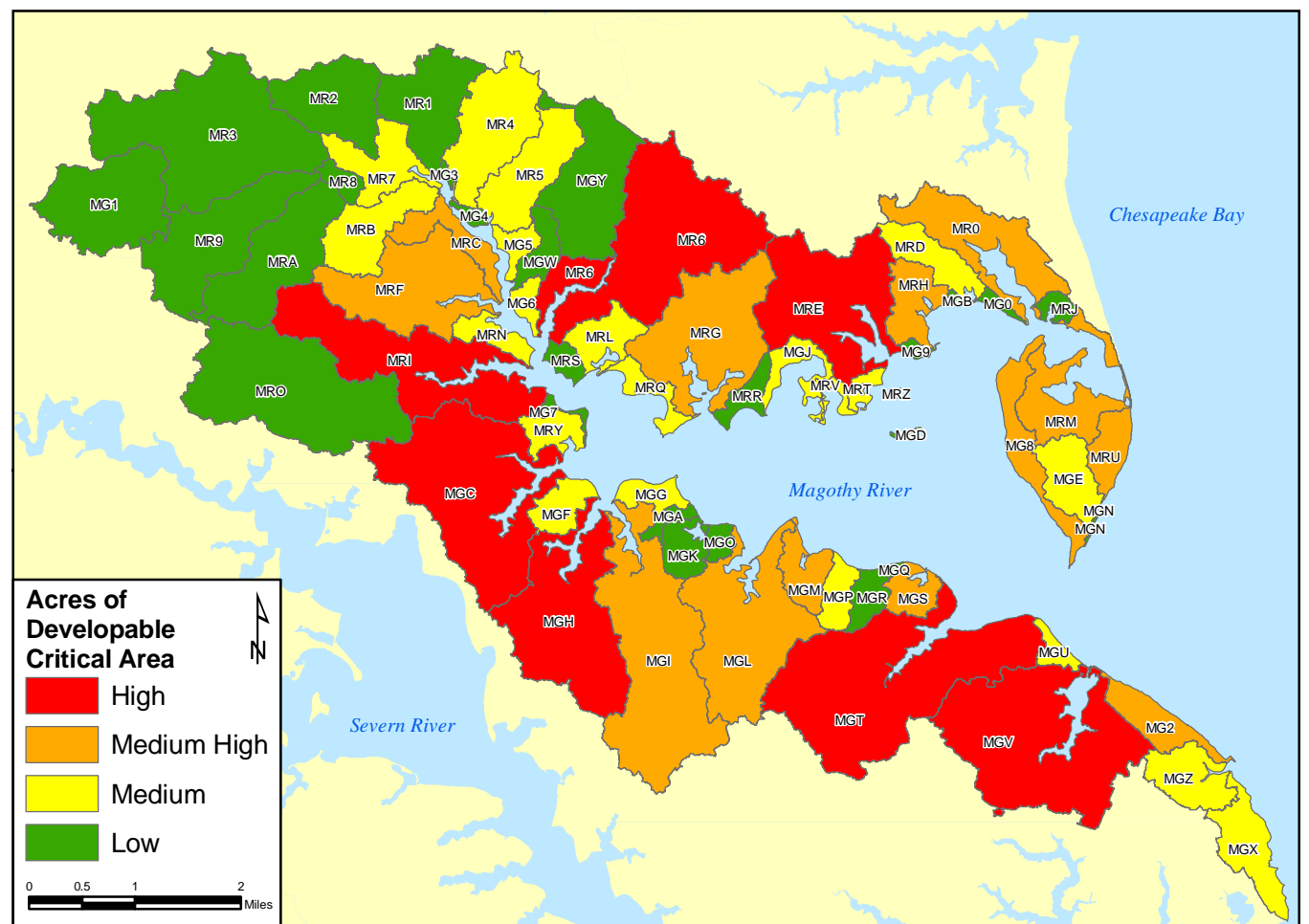
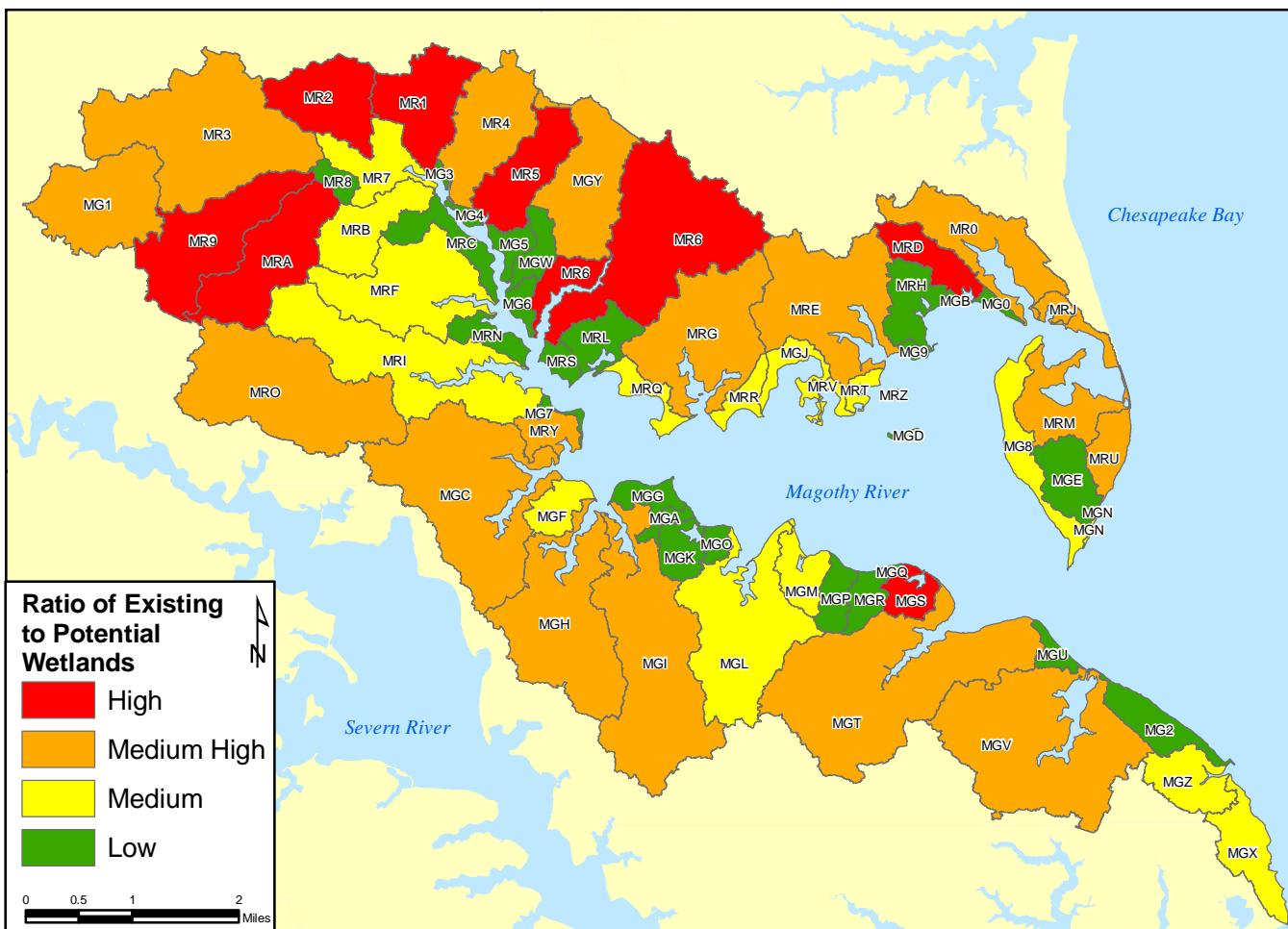
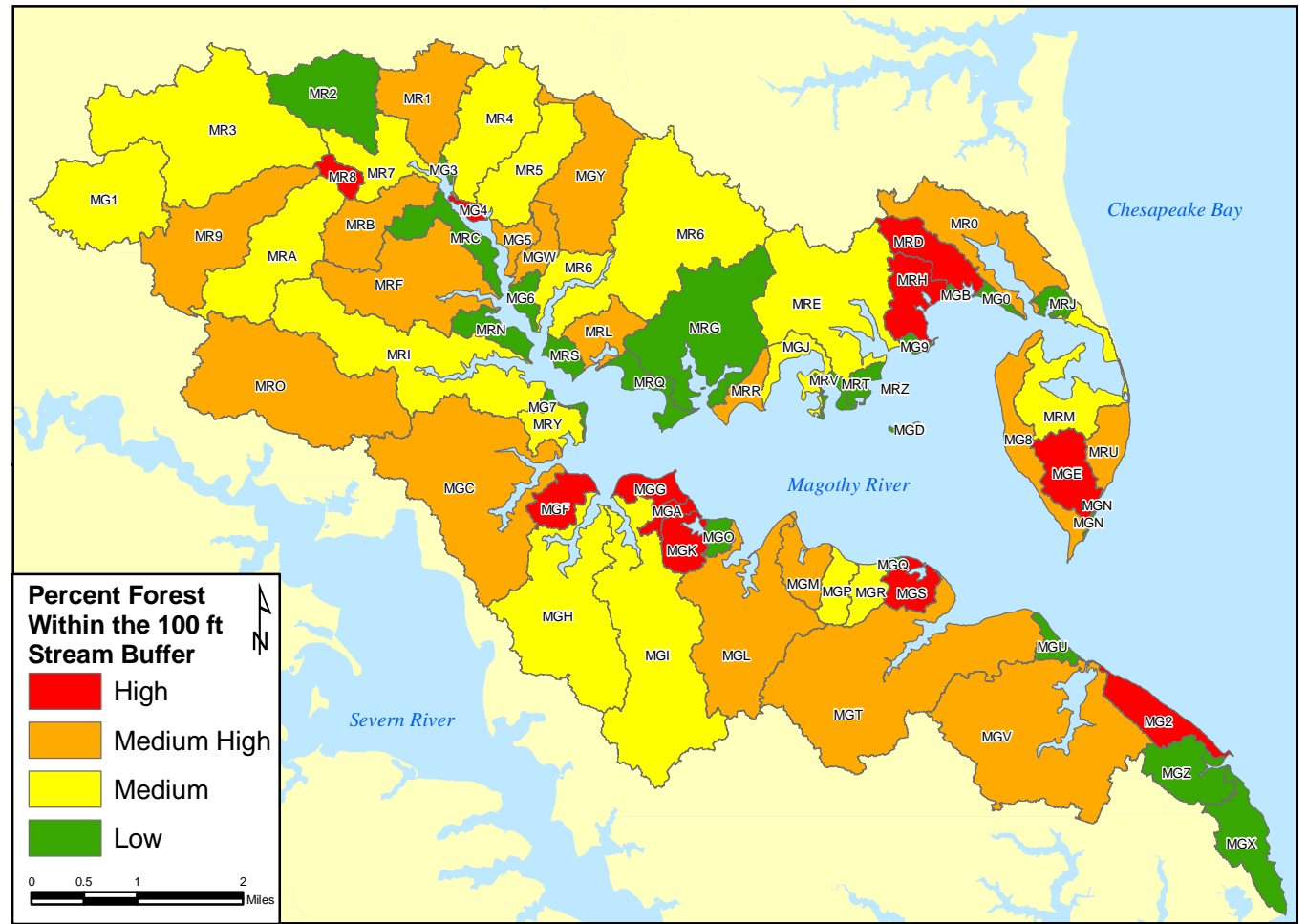
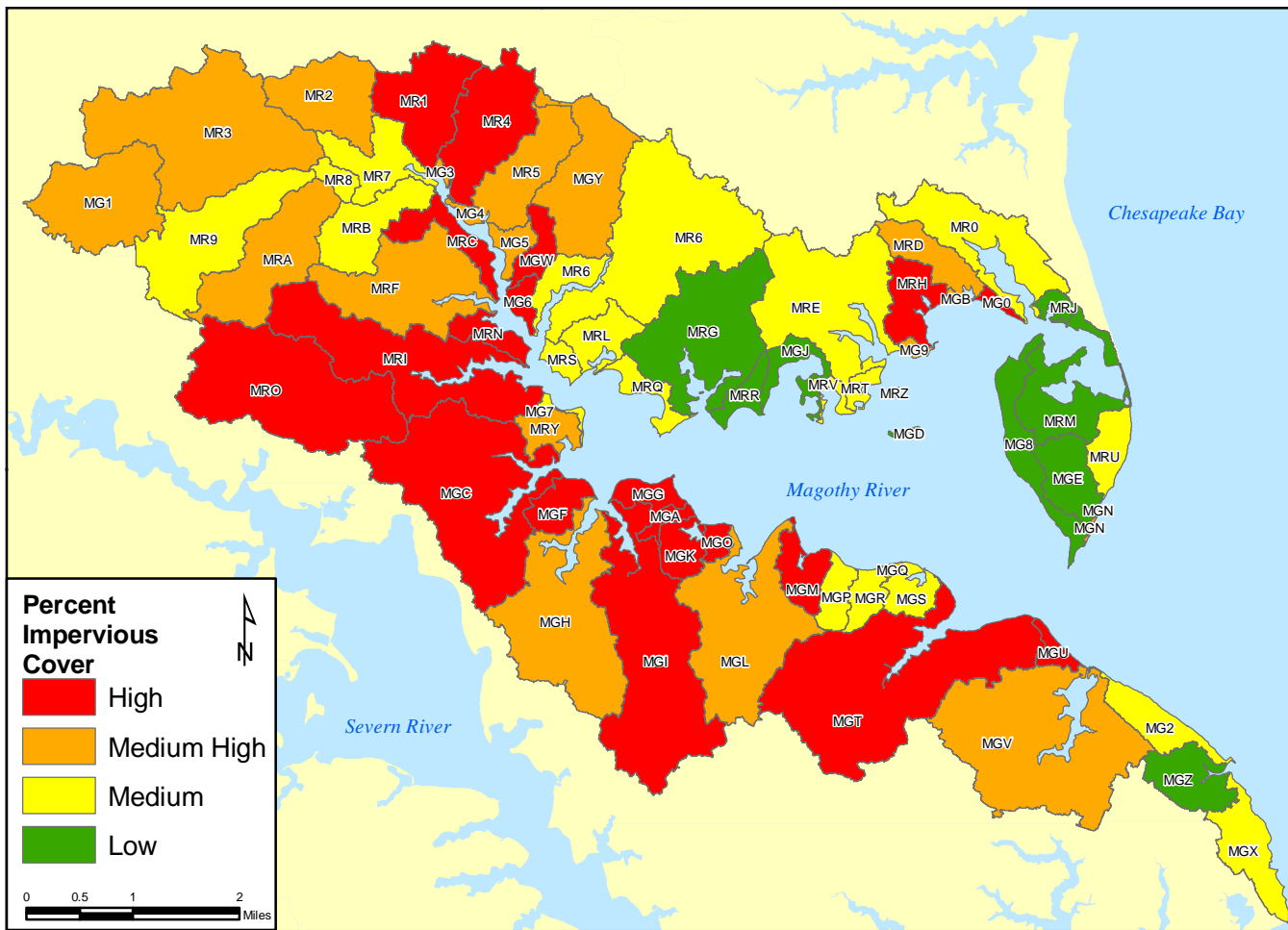
0 0.25 0.5 1 Miles

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# Map 2.13 - Subwatershed Ratings for Landscape Indicators for Restoration

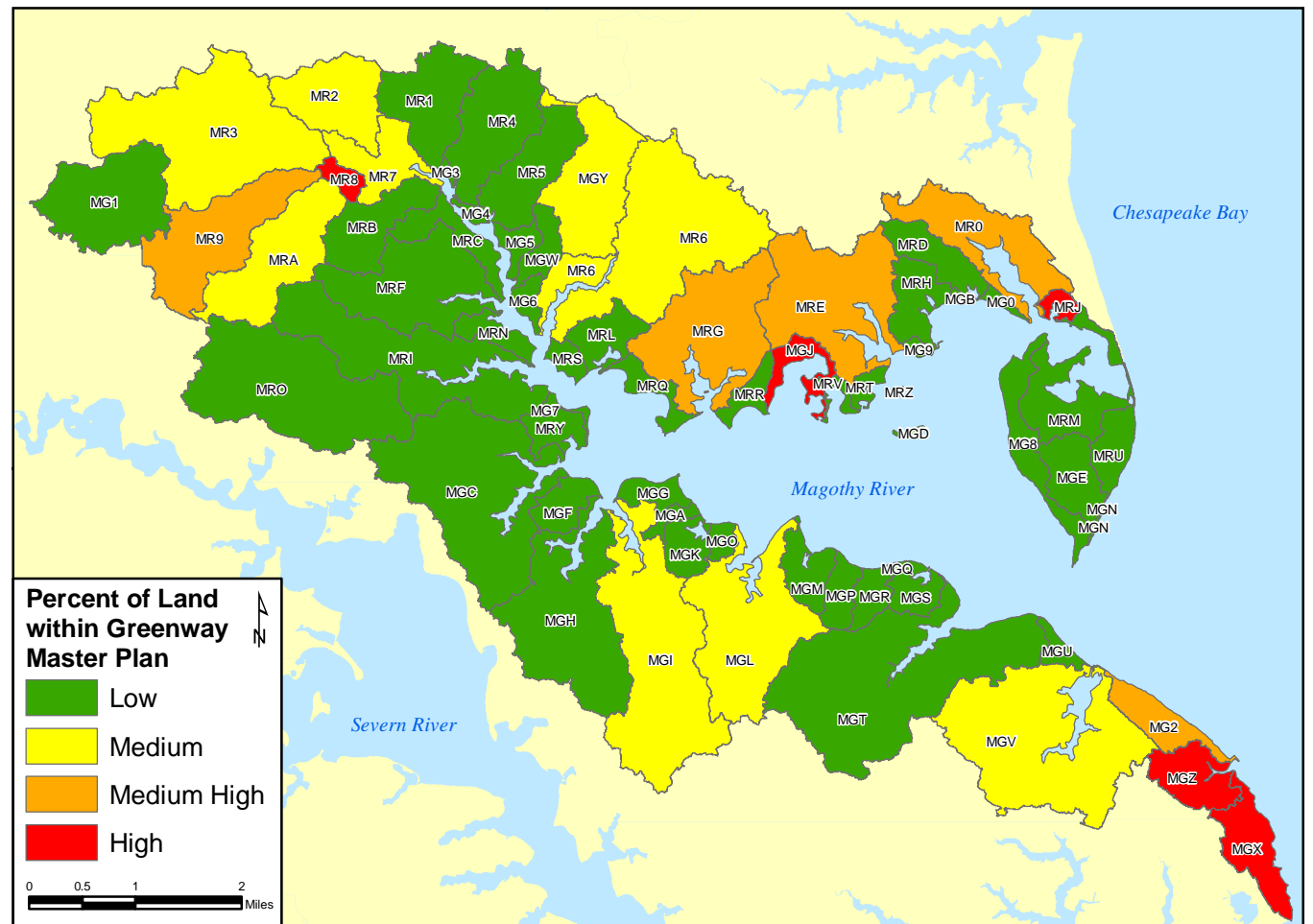
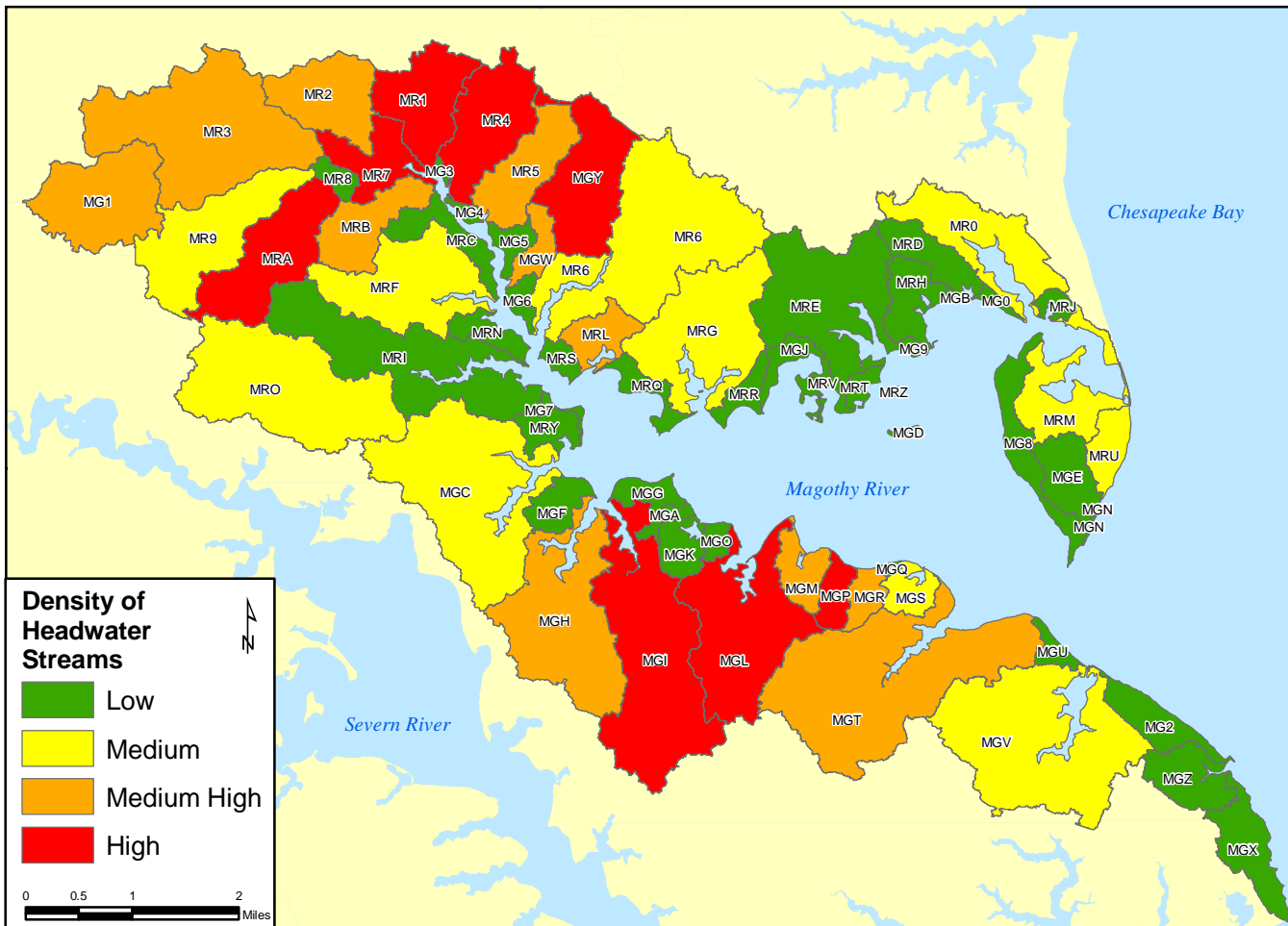
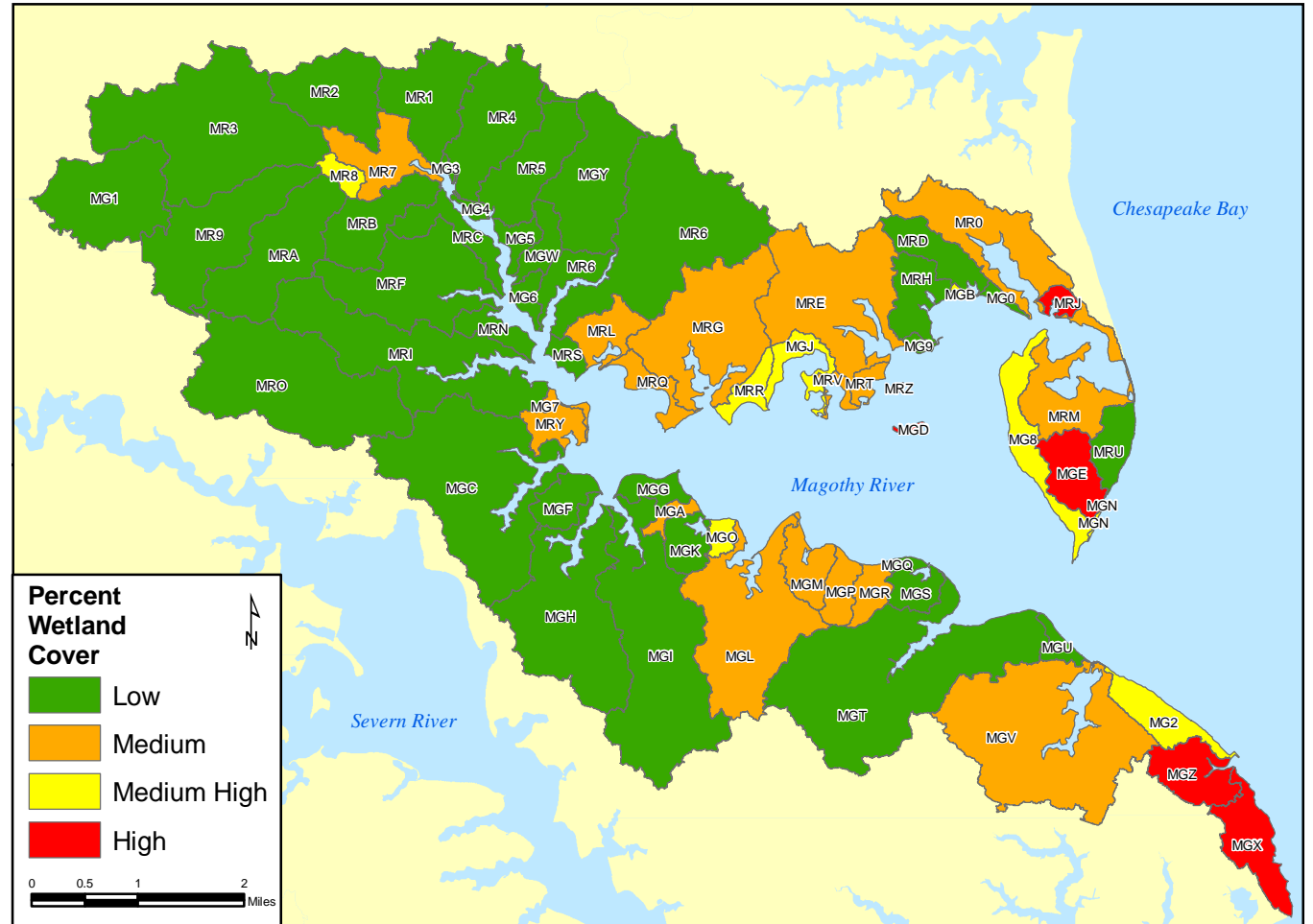
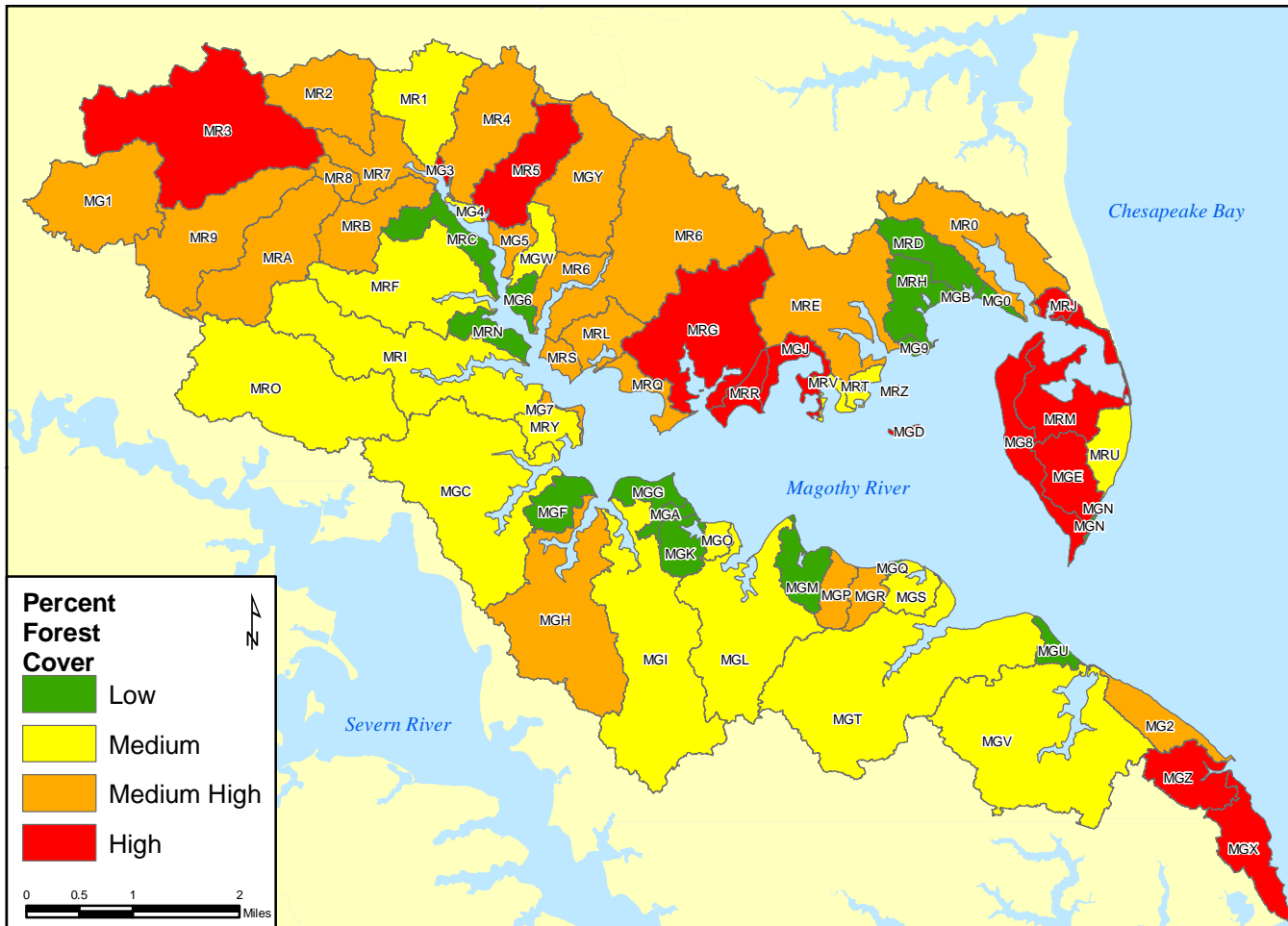
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MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0





# Map 2.14 - Subwatershed Ratings for Landscape Indicators for Preservation (1)

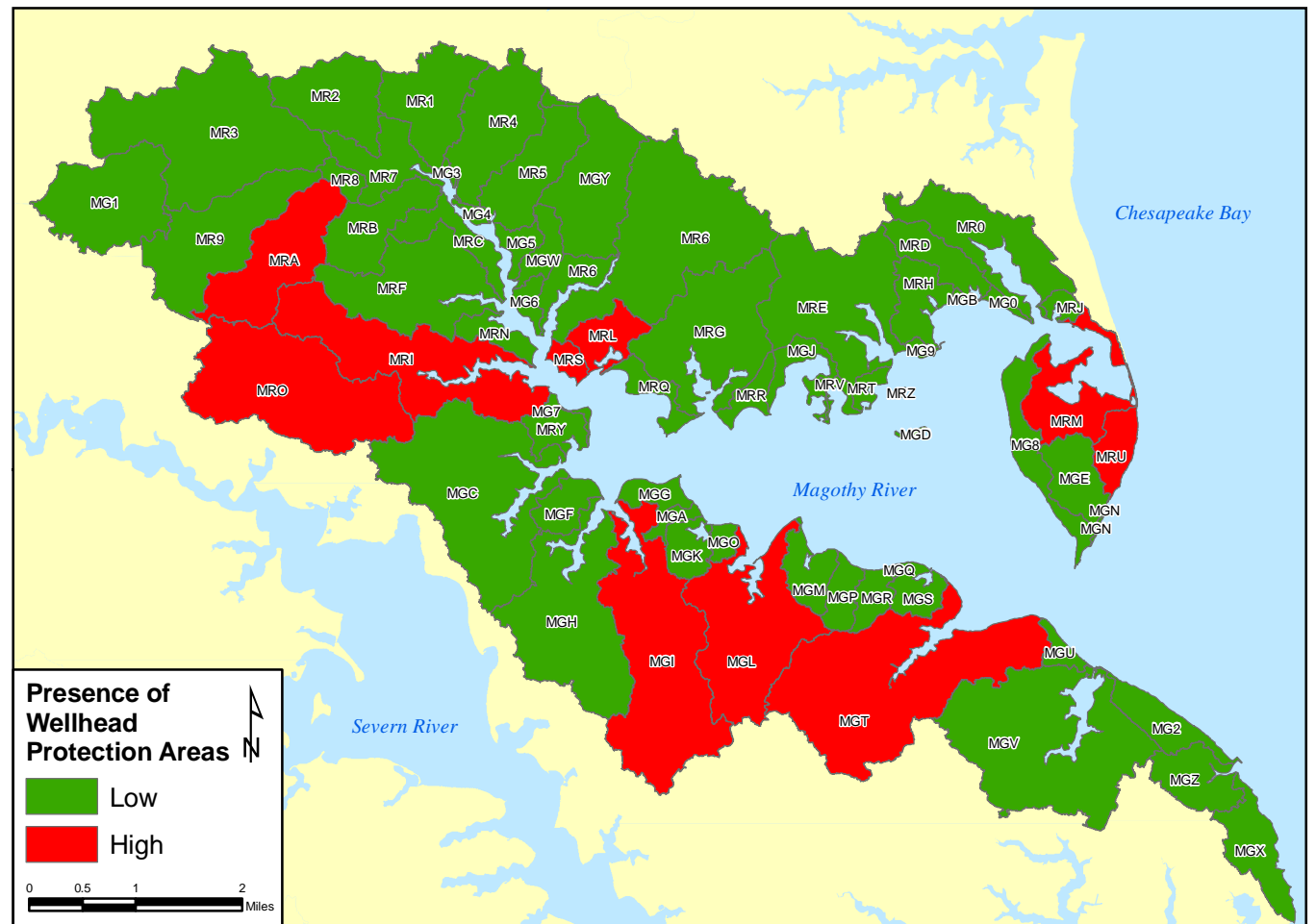
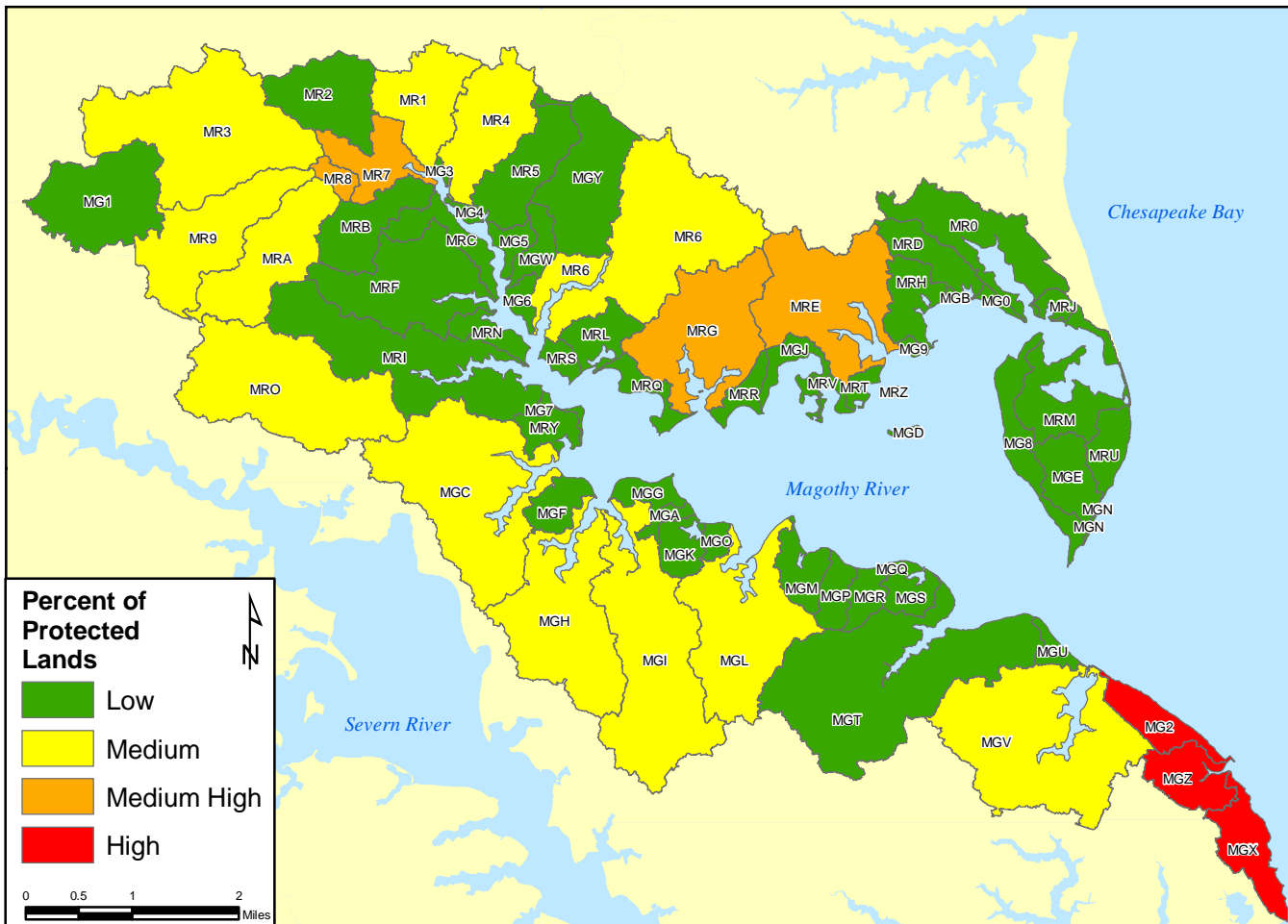
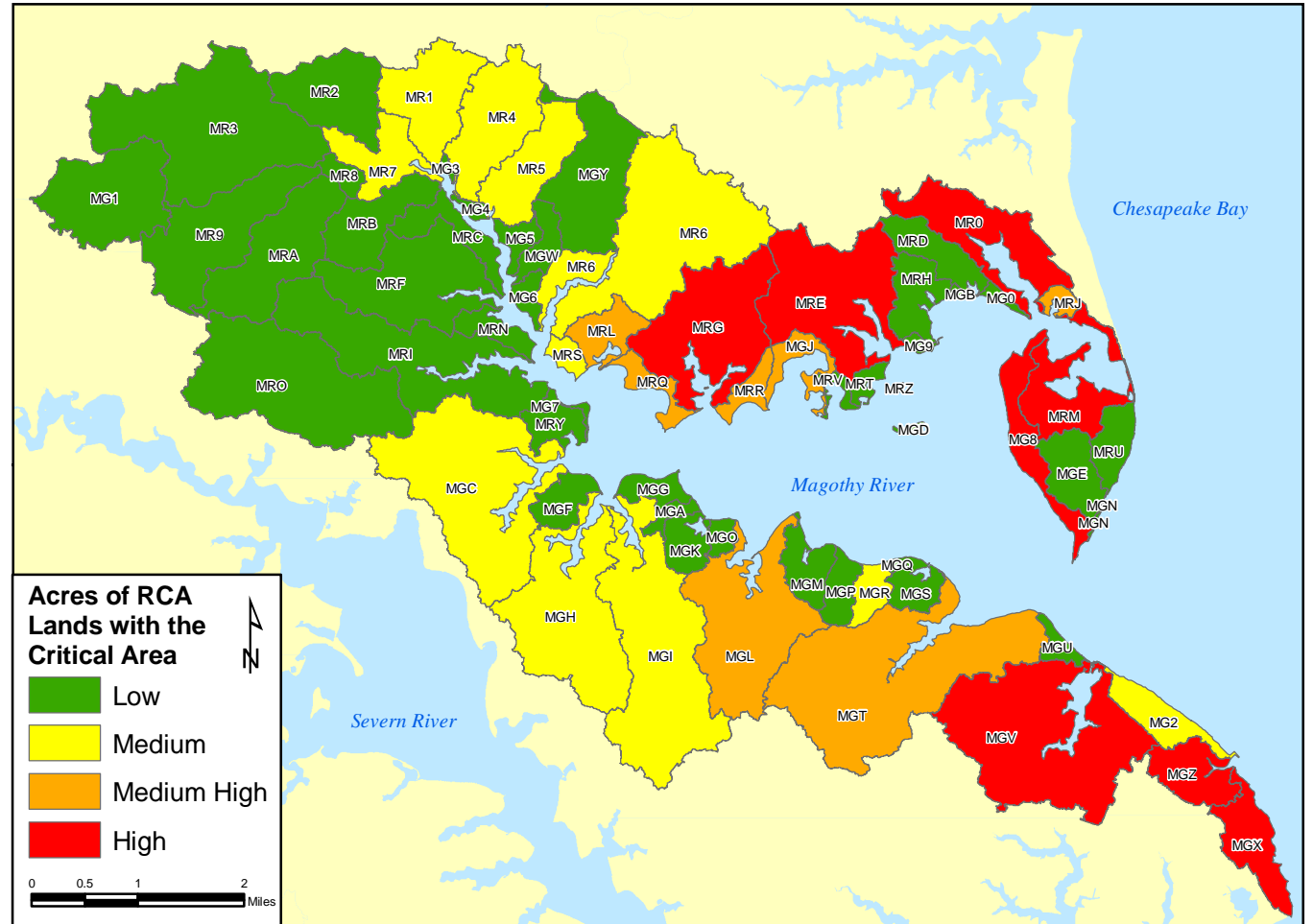
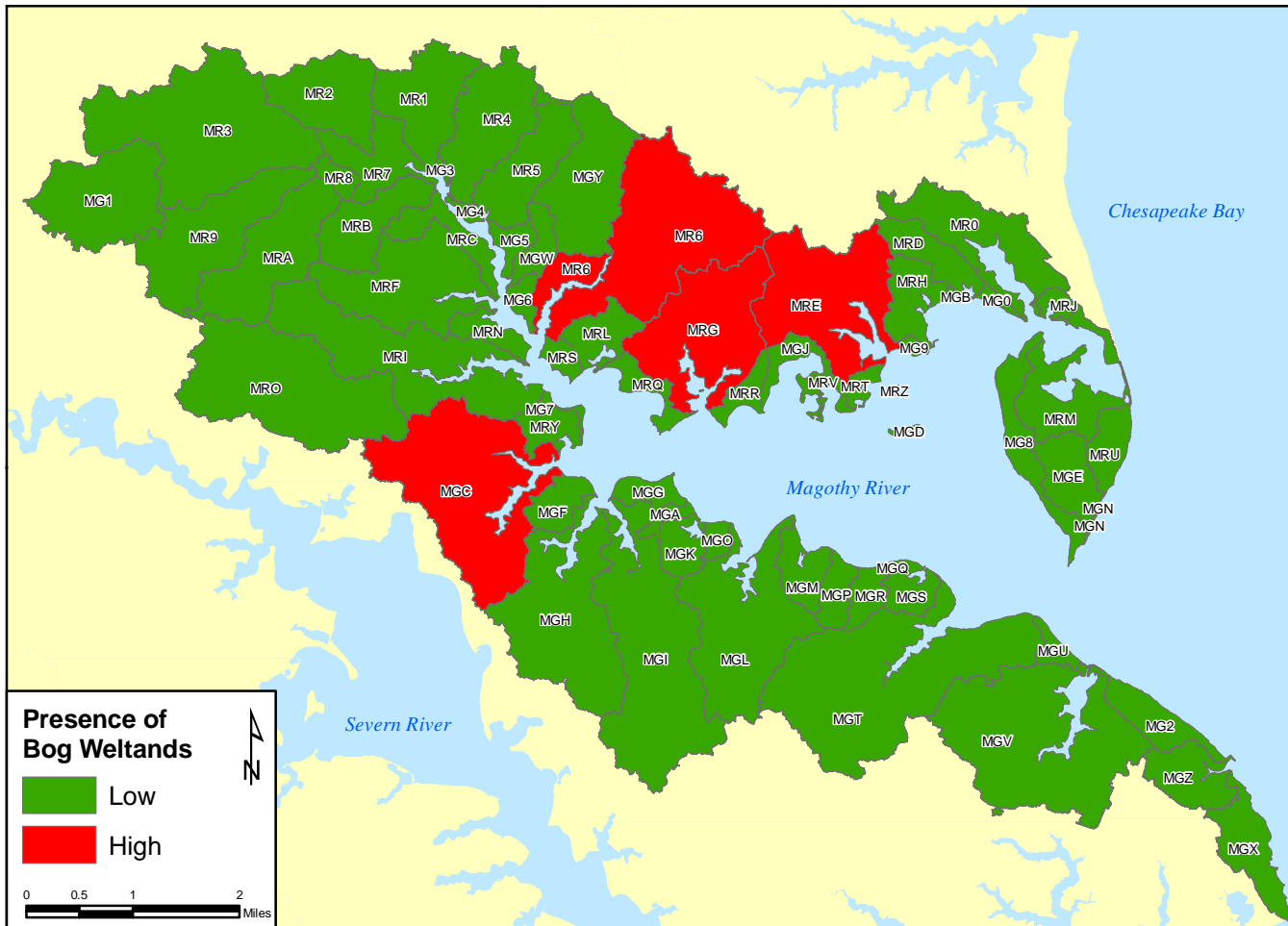
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MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0





# Map 2.15 - Subwatershed Ratings for Landscape Indicators for Preservation (2)

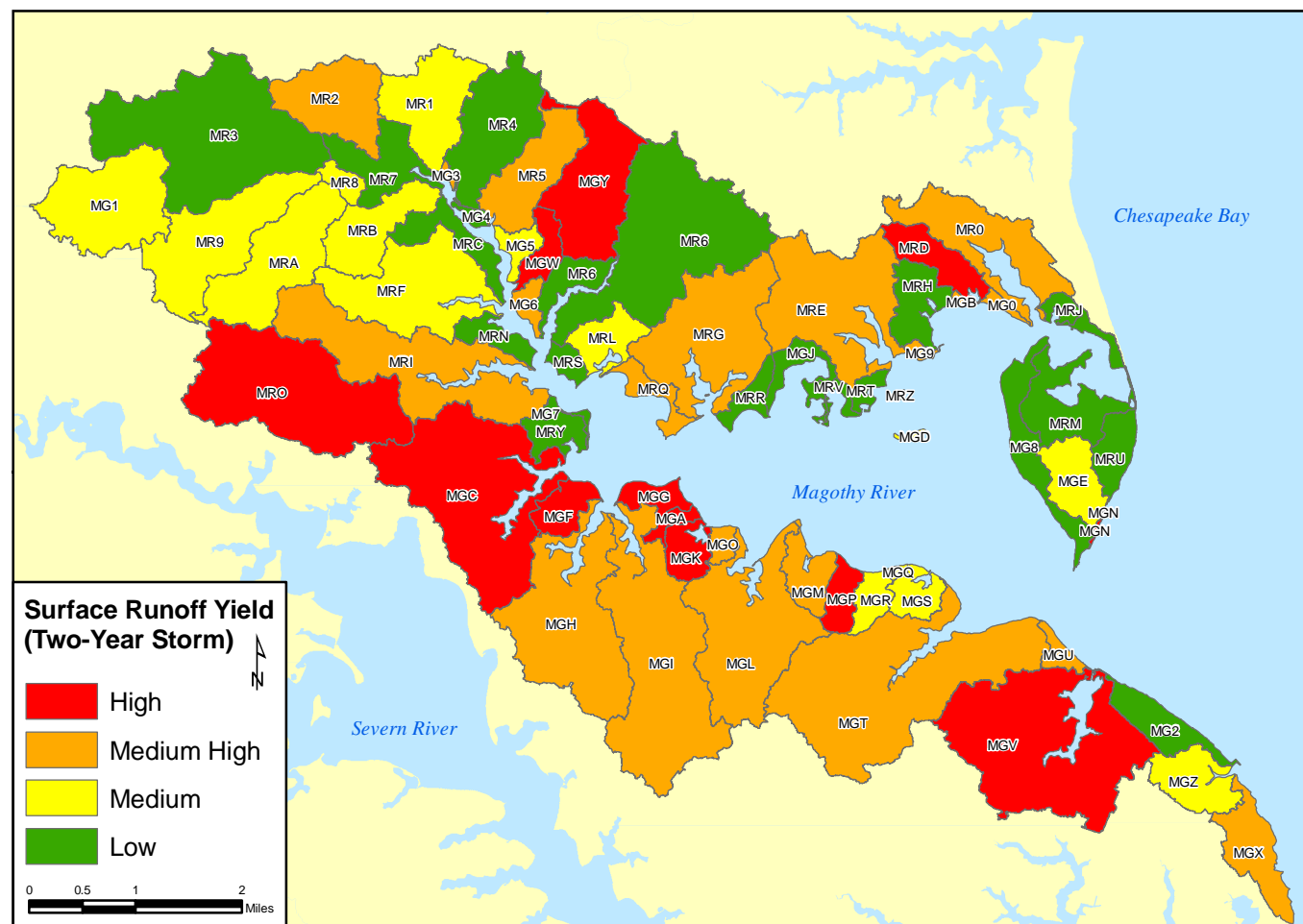
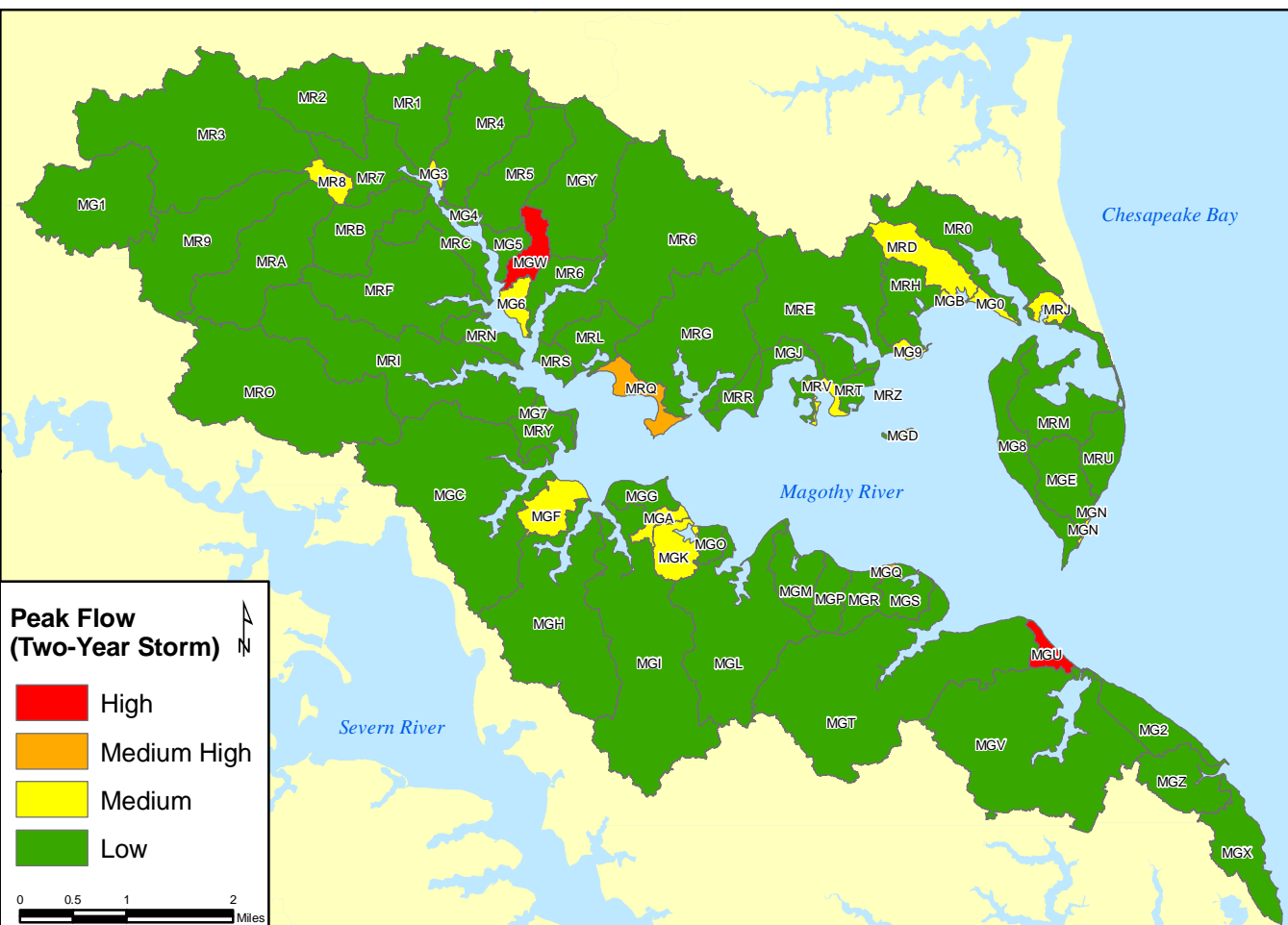
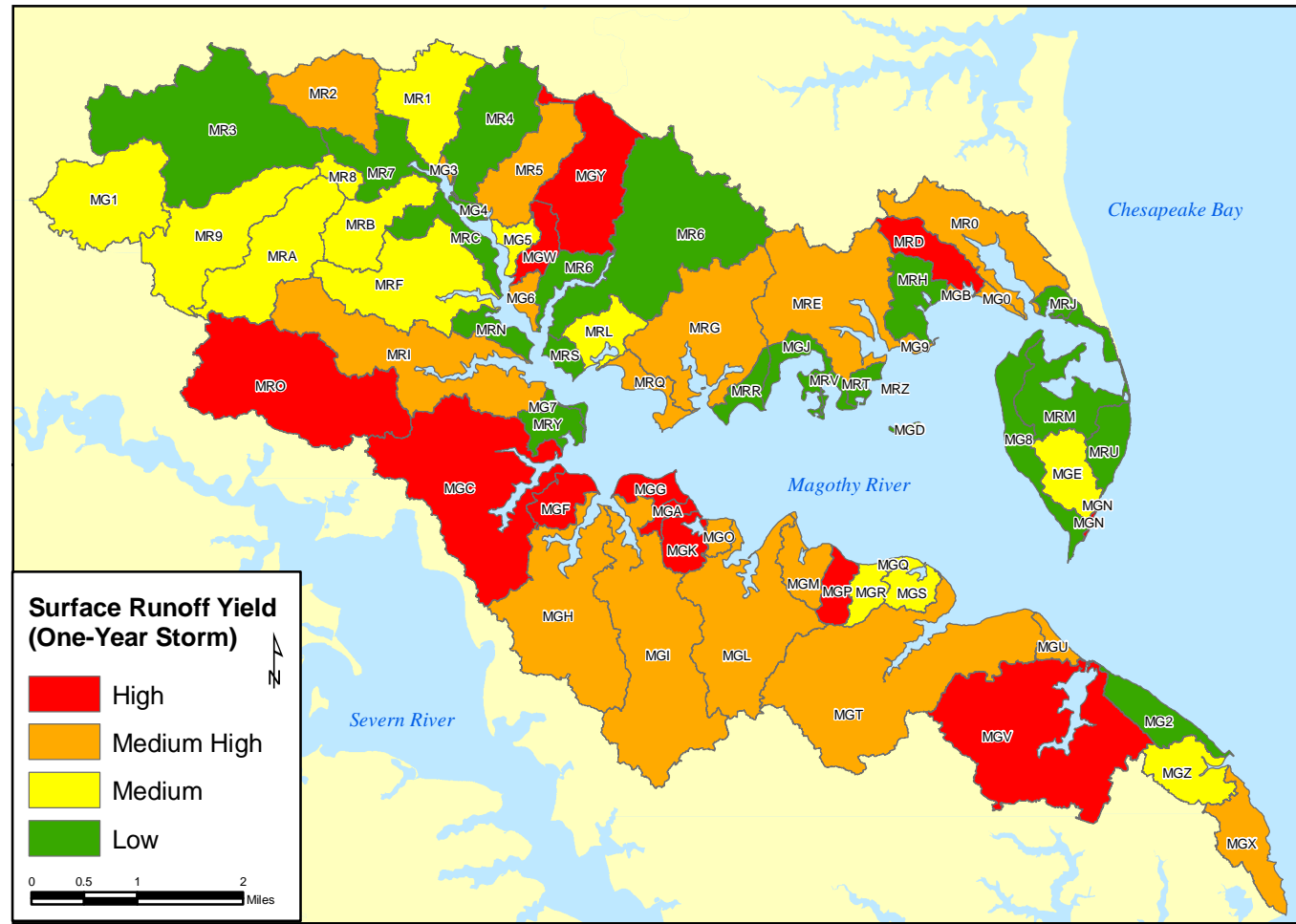
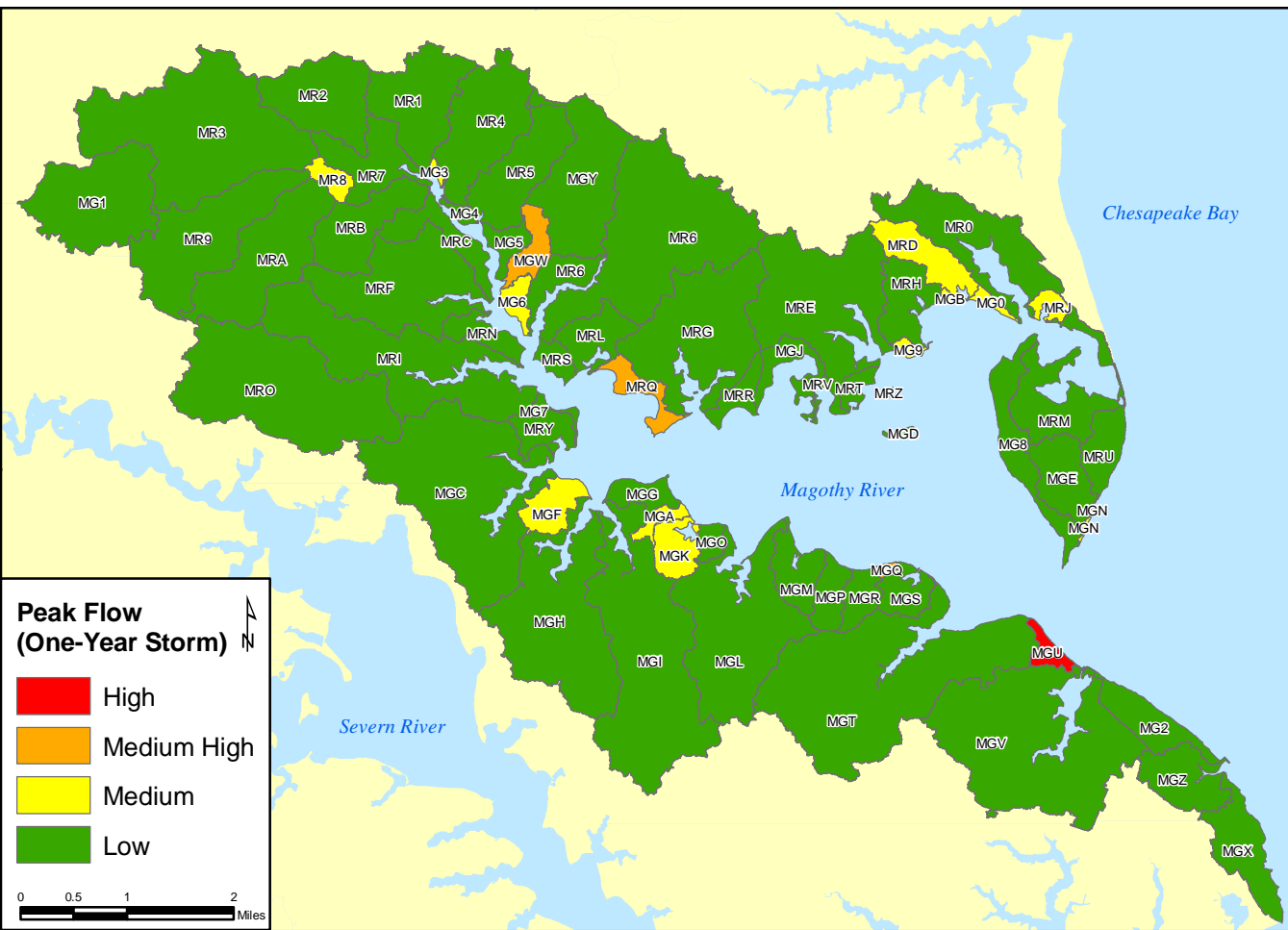
SHED CODE	SHED NAME	ACRES
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MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
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MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0





# Map 3.1 - Subwatershed Ratings for Hydrologic Indicators

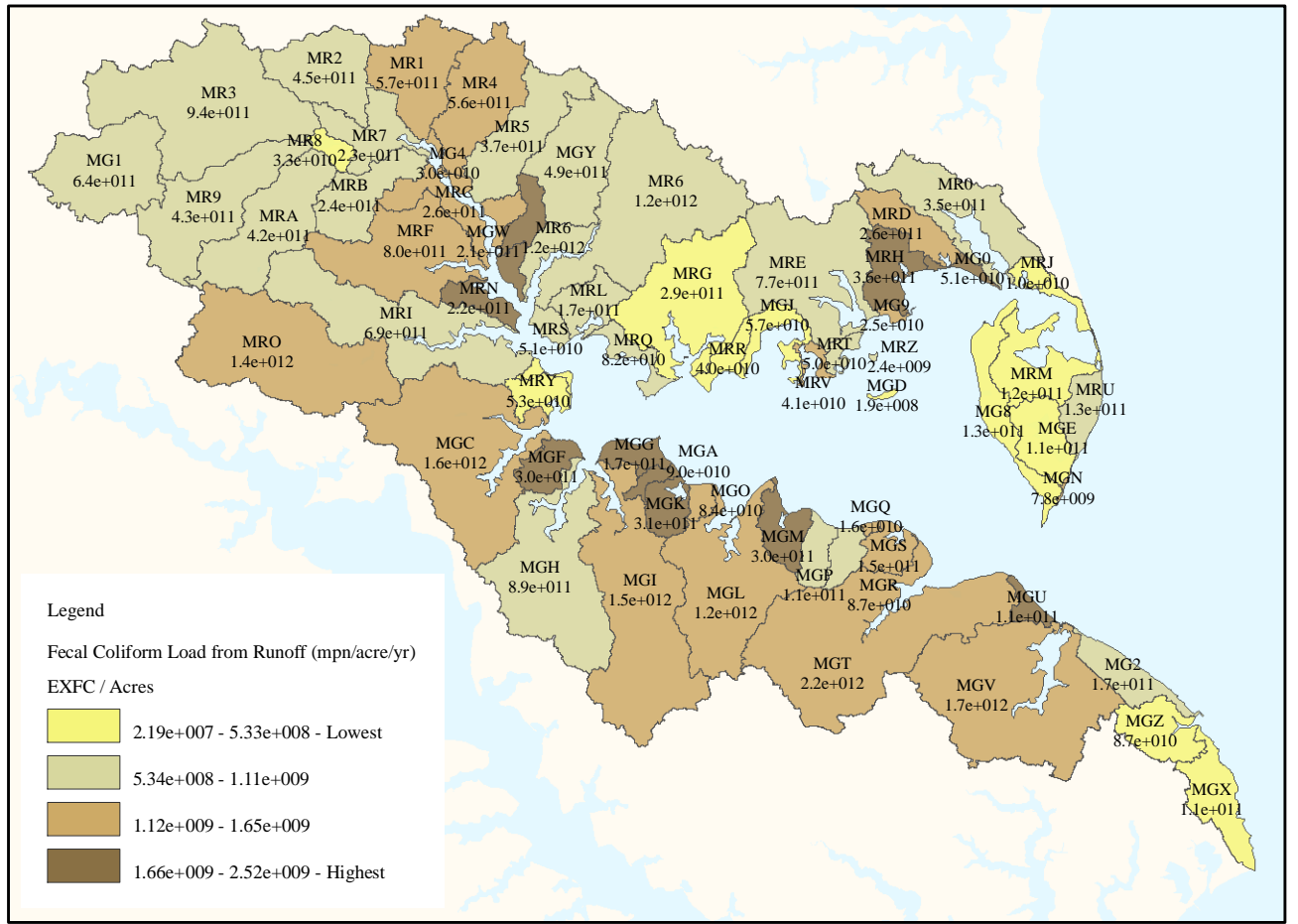
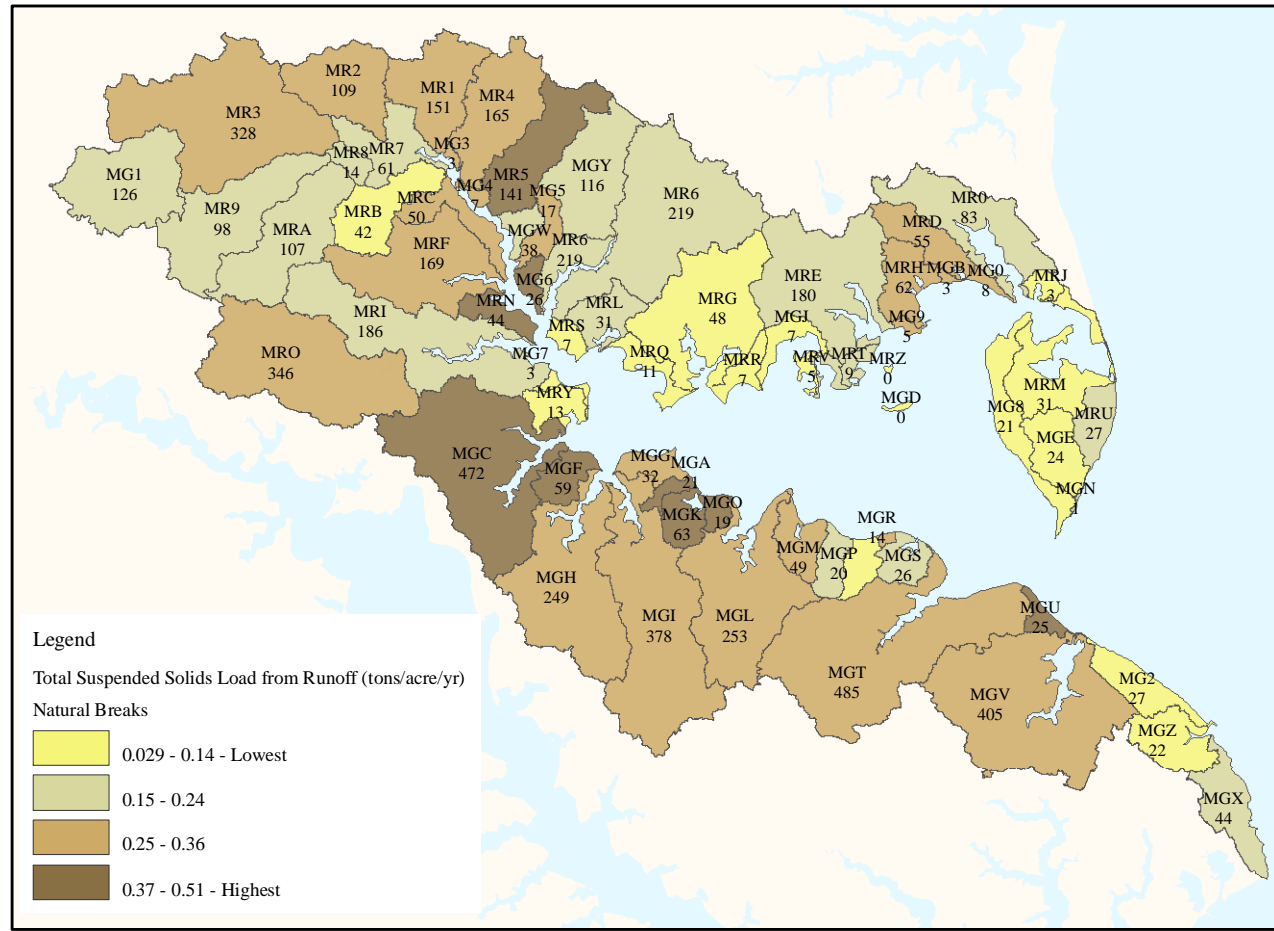
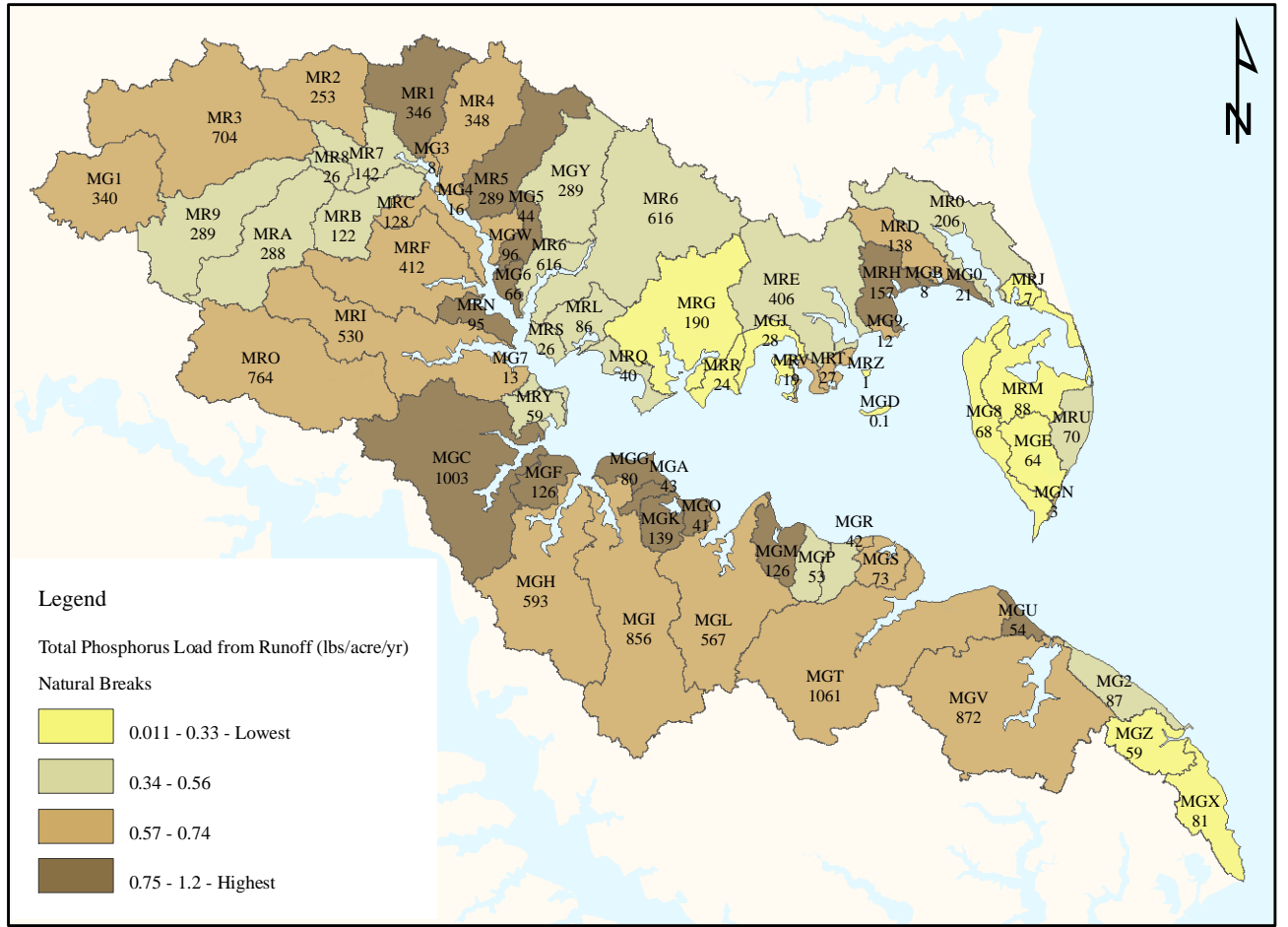
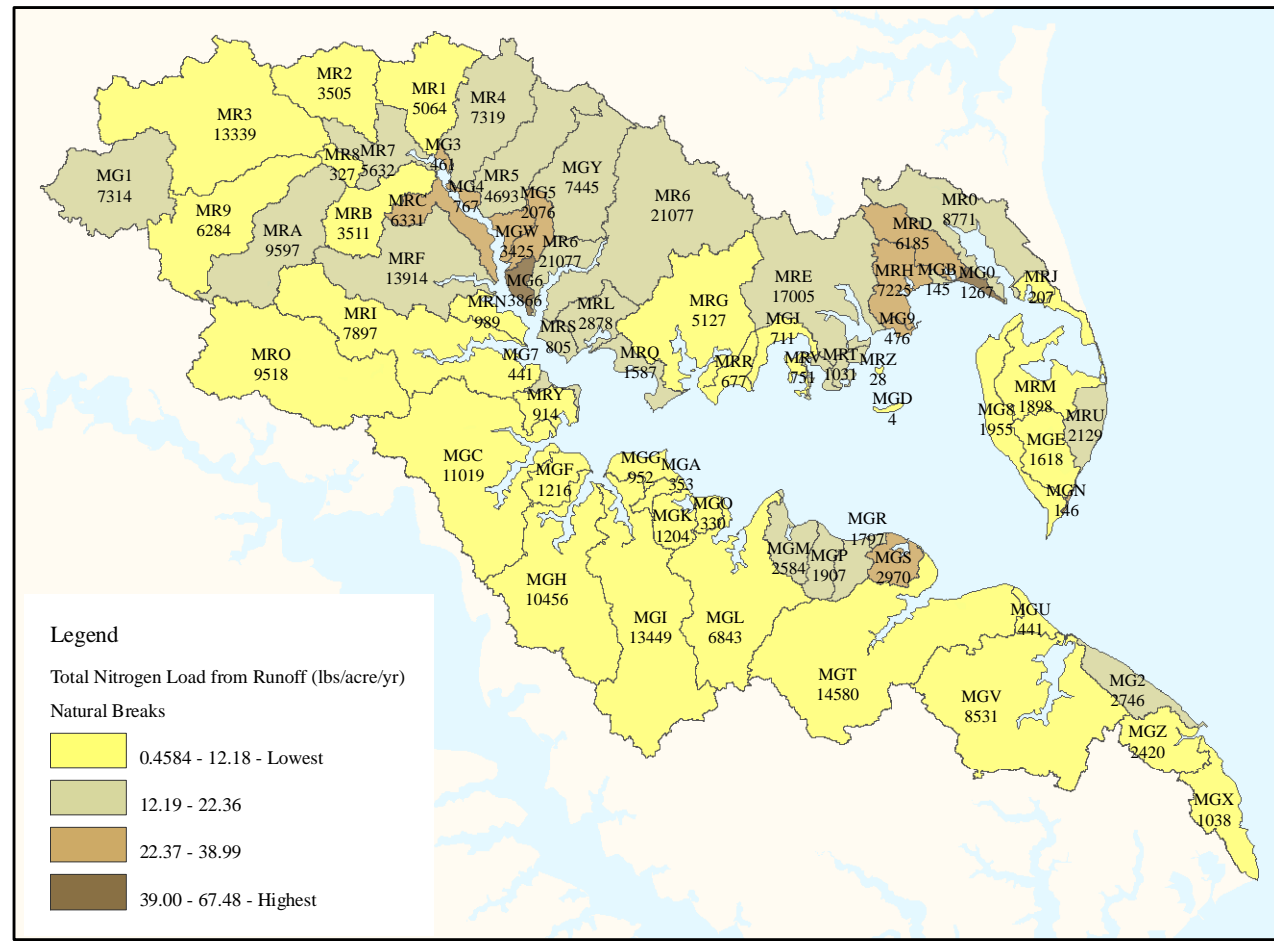
SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0





# Map 3.2 - Summary Pollutant Loads Based on Existing Conditions

Shed Code	Subwatershed Name
MG0	Magothy River Tidal
MG1	Magothy Branch 2
MG2	Magothy River Tidal
MG3	Magothy River Tidal
MG4	Magothy River Tidal
MG5	Magothy River Tidal
MG6	Magothy River Tidal
MG7	Magothy River Tidal
MG8	Sillery Bay
MG9	Magothy River Tidal
MGA	Unnamed Tributary
MGB	Magothy River Tidal
MGC	Cypress Creek
MGD	Magothy River Tidal
MGE	Otter Pond
MGF	Magothy River Tidal stream
MGG	Magothy River Tidal
MGH	Dividing Creek
MGI	Mill Creek
MGJ	Broad Creek
MGK	Spriggs Pond
MGL	Forked Creek
MGM	Scheides Cove
MGN	Chesapeake Bay
MGO	Bohdal Pond
MGP	Magothy River Tidal stream
MGQ	Magothy River Tidal
MGR	Magothy River Tidal stream
MGS	Placid Lake
MGT	Deep Creek
MGU	Magothy River Tidal
MGV	Little Magothy River
MGW	Indian Village Branch
MGX	Magothy River Tidal
MGY	Nannys Branch
MGZ	Podictery Creek
MR0	Cornfield Creek
MR1	Bailys Branch
MR2	Muddy Run
MR3	Magothy Branch 1
MR4	Brookfield Branch
MR5	Beechwood Branch
MR6	Cockley Creek
MR7	Magothy Branch
MR8	Waterford Lake
MR9	Kinder Branch
MRA	Rouses Branch
MRB	Nannys Creek
MRC	Magothy River Tidal
MRD	Hunters Harbor
MRE	Gray's Creek
MRF	Old Man Creek
MRG	Blackhole Creek
MRH	Tar Cove
MRI	Cattail Creek1
MRJ	James Pond
MRL	Ross Cove
MRM	Magothy Narrows
MRN	Tar Hill Cove
MRO	Cattail Creek2
MRQ	Swan Cove
MRR	Magothy River Tidal
MRS	Magothy River Tidal
MRT	Long Cove
MRU	Chesapeake Bay
MRV	Park Creek
MRY	Browns Cove
MRZ	Magothy River Tidal



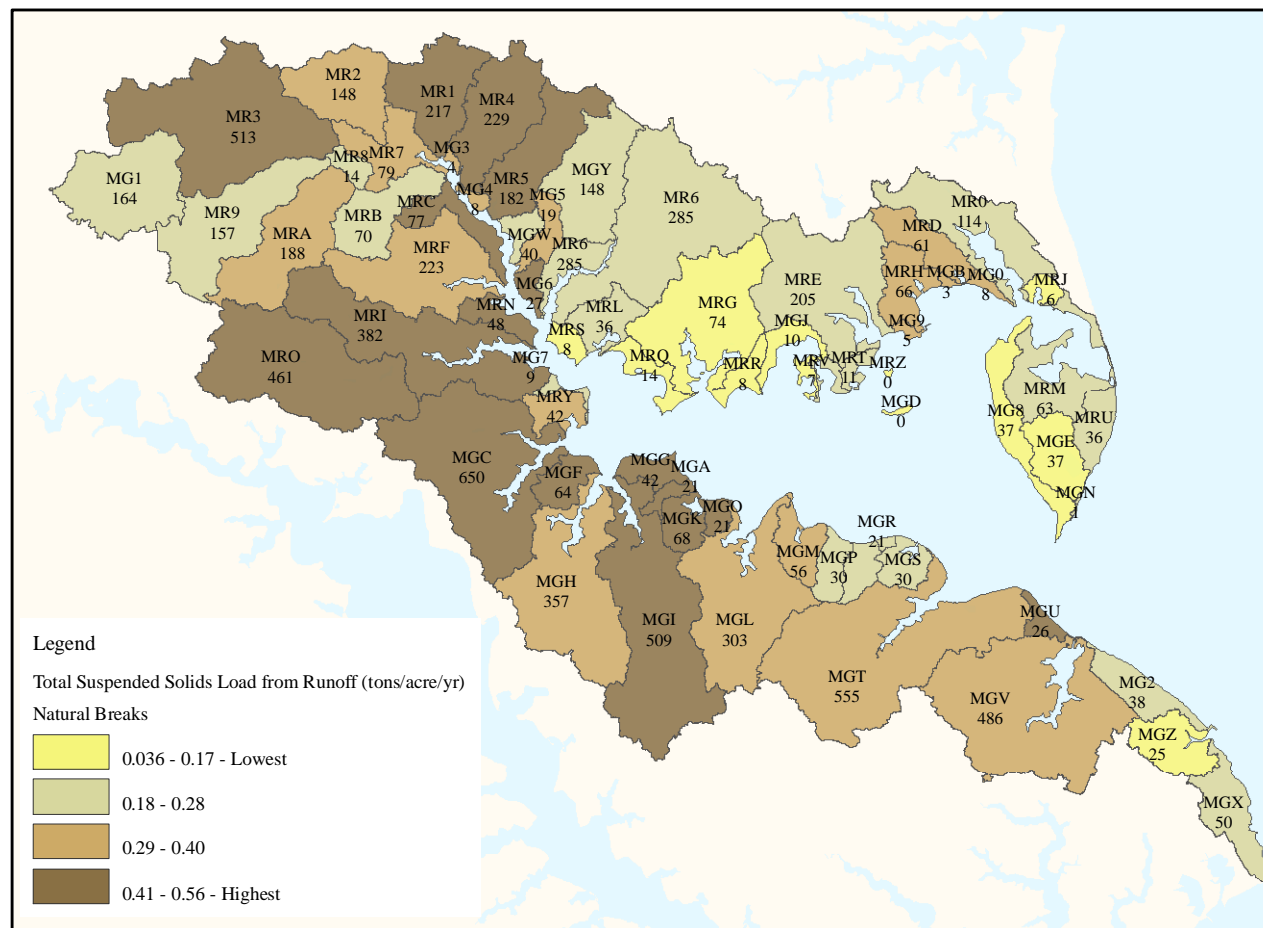
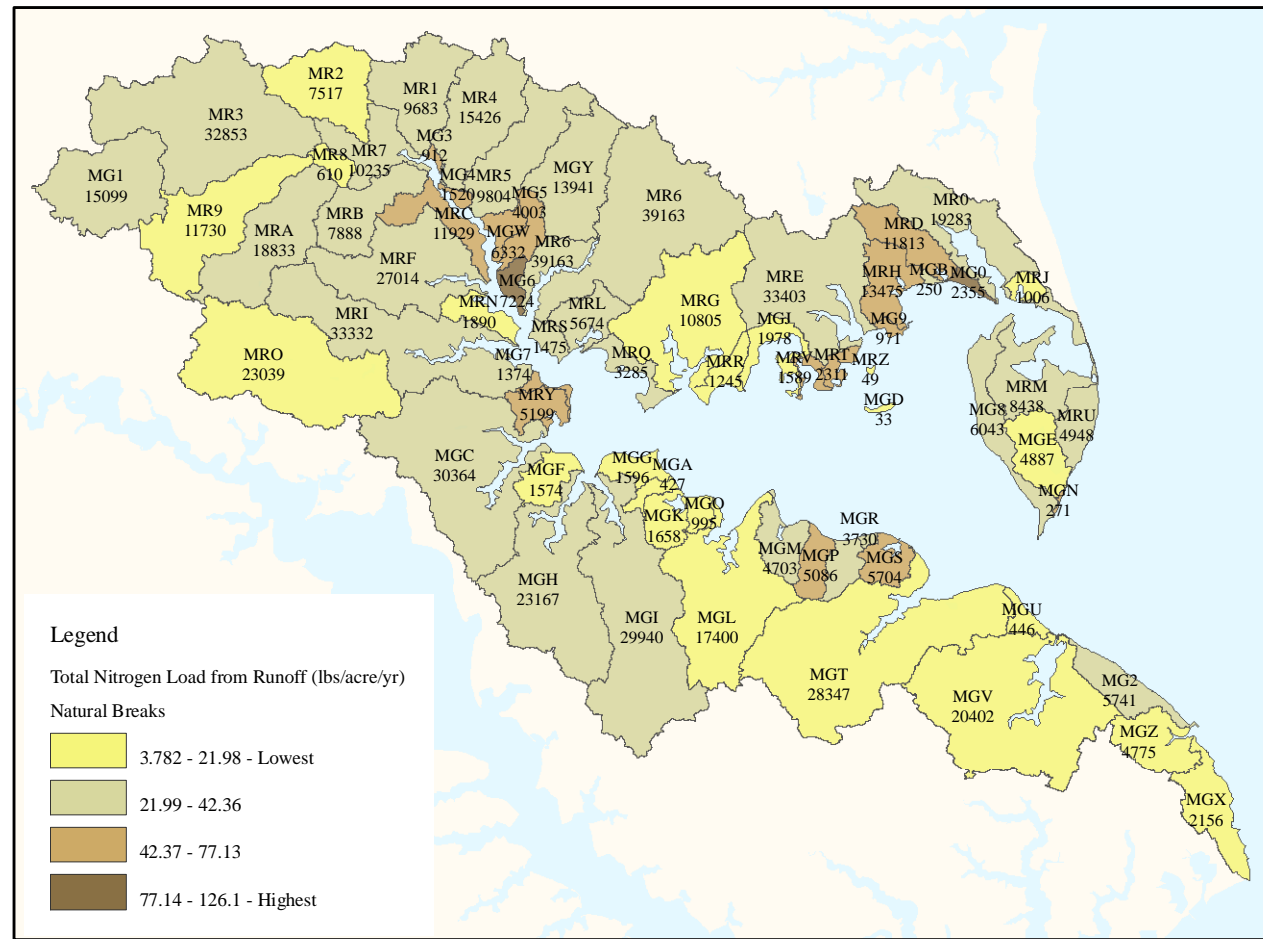
Anne Arundel County  
Department of Public Works  
Watershed Ecosystems and Restoration Services  
Watershed Assessment and Planning





# Map 3.3 - Summary Pollutant Loads Based on Future Conditions

Shed Code	Subwatershed Name
MG0	Magothy River Tidal
MG1	Magothy Branch 2
MG2	Magothy River Tidal
MG3	Magothy River Tidal
MG4	Magothy River Tidal
MG5	Magothy River Tidal
MG6	Magothy River Tidal
MG7	Magothy River Tidal
MG8	Sillery Bay
MG9	Magothy River Tidal
MGA	Unnamed Tributary
MGB	Magothy River Tidal
MGC	Cypress Creek
MGD	Magothy River Tidal
MGE	Otter Pond
MGF	Magothy River Tidal stream
MGG	Magothy River Tidal
MGH	Dividing Creek
MGI	Mill Creek
MGJ	Broad Creek
MGK	Spriggs Pond
MGL	Forled Creek
MGM	Scheides Cove
MGN	Chesapeake Bay
MGO	Bohdal Pond
MGP	Magothy River Tidal stream
MGQ	Magothy River Tidal
MGR	Magothy River Tidal stream
MGS	Placid Lake
MGT	Deep Creek
MGU	Magothy River Tidal
MGV	Little Magothy River
MGW	Indian Village Branch
MGX	Magothy River Tidal
MGY	Namys Branch
MGZ	Podclery Creek
MR0	Cornfield Creek
MR1	Bailys Branch
MR2	Muddy Run
MR3	Magothy Branch 1
MR4	Brookfield Branch
MR5	Beechwood Branch
MR6	Cockey Creek
MR7	Magothy Branch
MR8	Waterford Lake
MR9	Kinder Branch
MRA	Rouses Branch
MRB	Namys Creek
MRC	Magothy River Tidal
MRD	Hunters Harbor
MRE	Gray's Creek
MRF	Old Man Creek
MRG	Blackhole Creek
MRH	Tar Cove
MRI	Cattail Creek1
MRJ	James Pond
MRL	Ross Cove
MRM	Magothy Narrows
MRN	Tar Hill Cove
MRO	Cattail Creek2
MRQ	Swan Cove
MRR	Magothy River Tidal
MRS	Magothy River Tidal
MRT	Long Cove
MRU	Chesapeake Bay
MRV	Park Creek
MRY	Browns Cove
MRZ	Magothy River Tidal



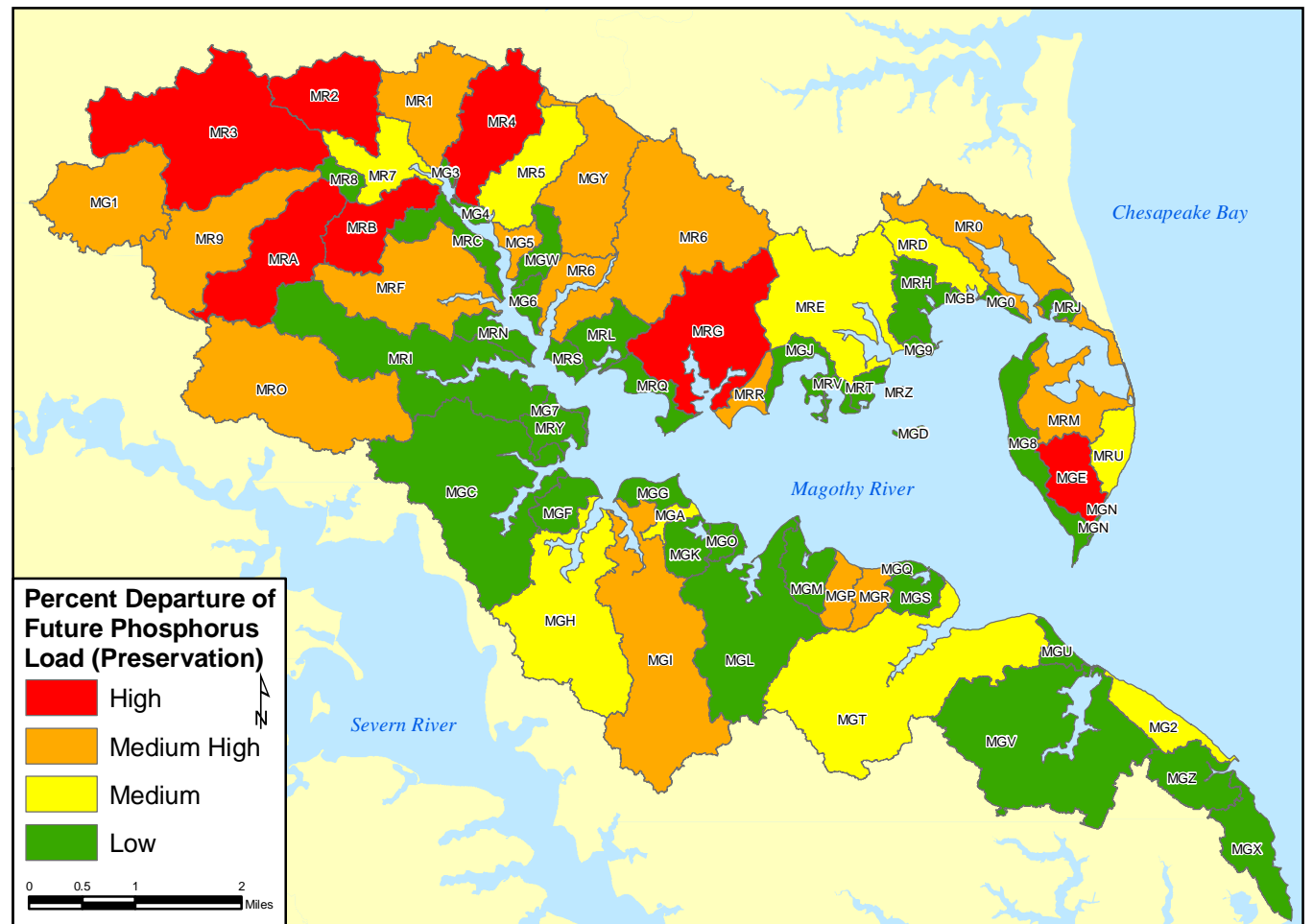
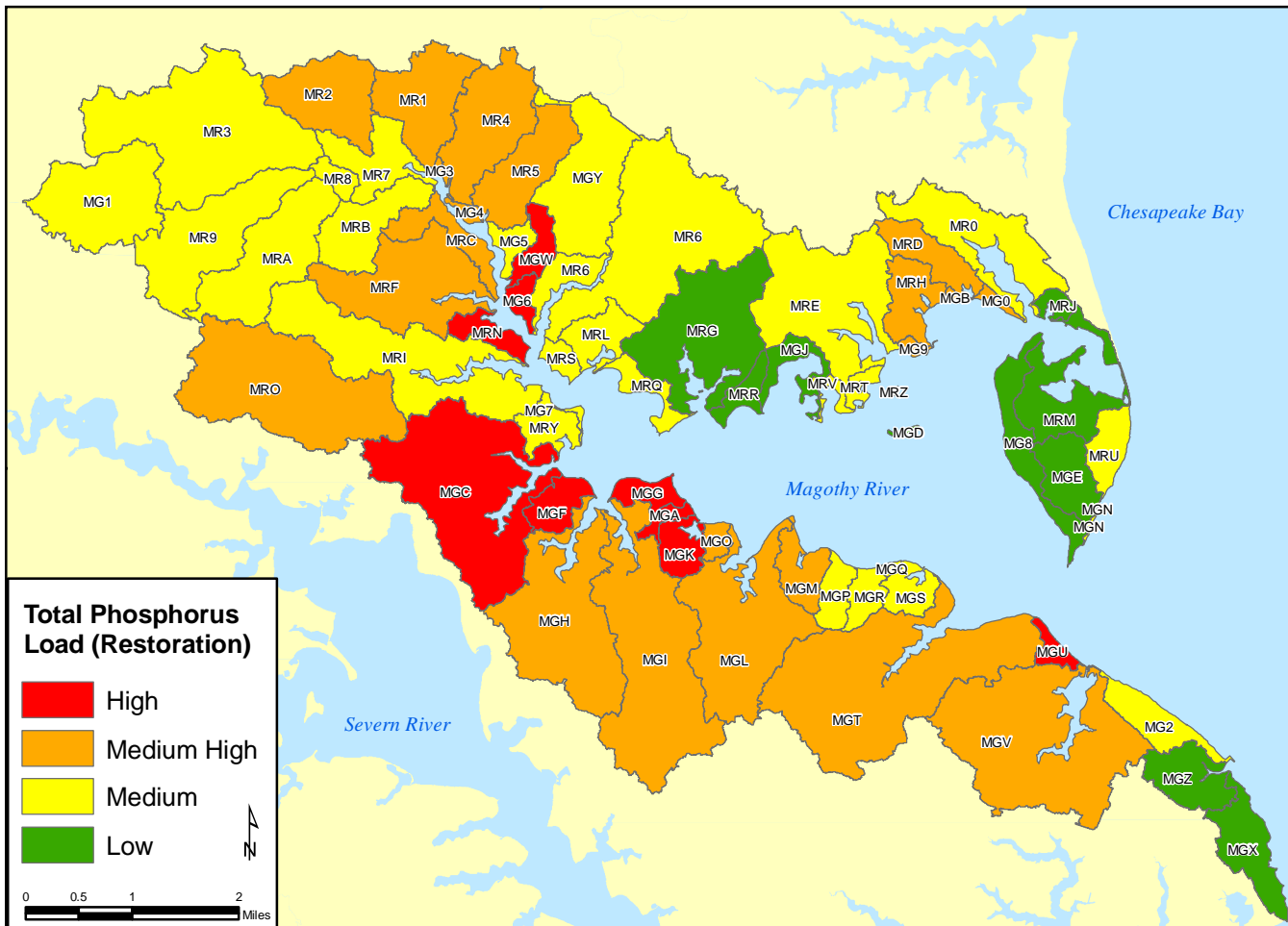
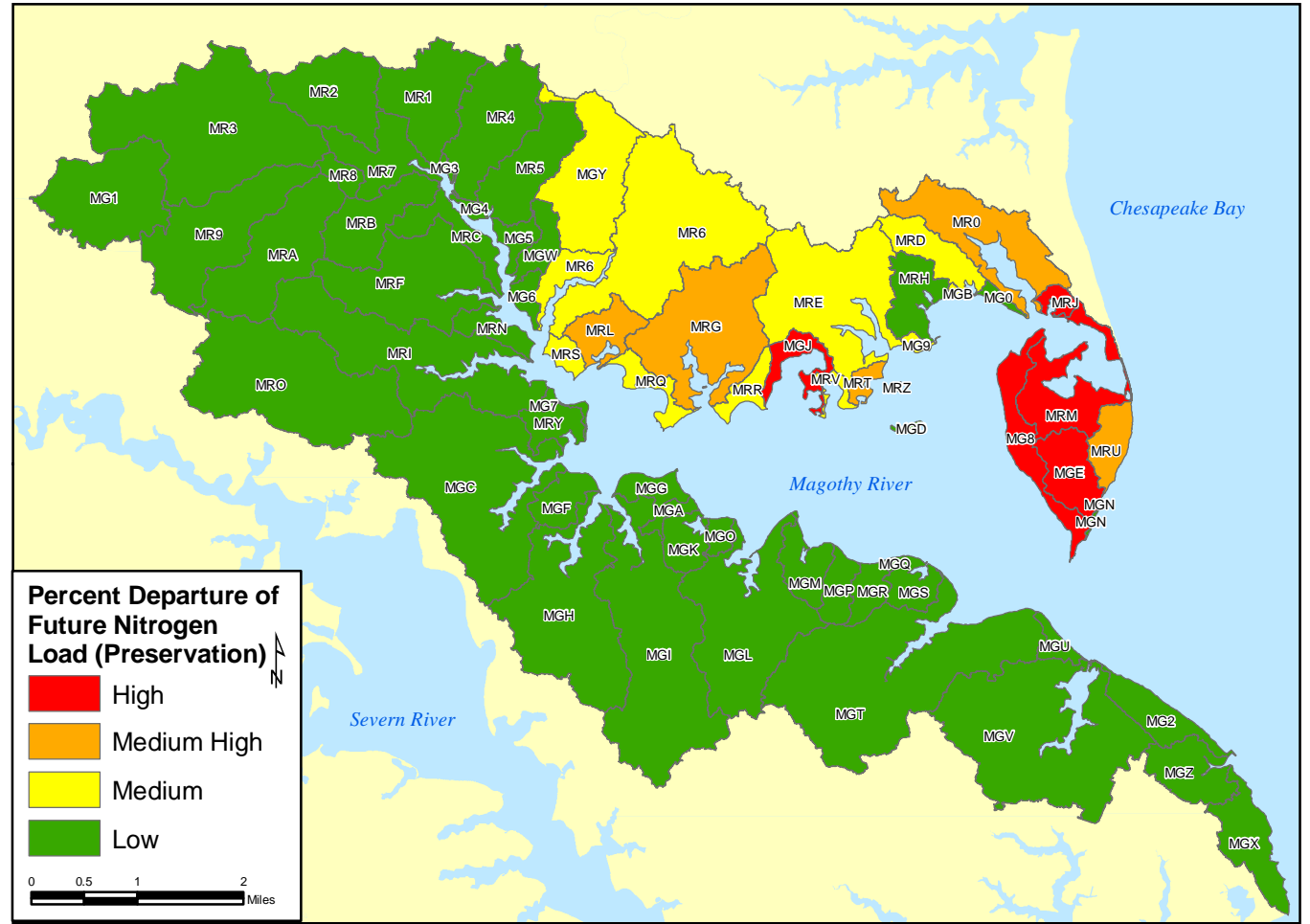
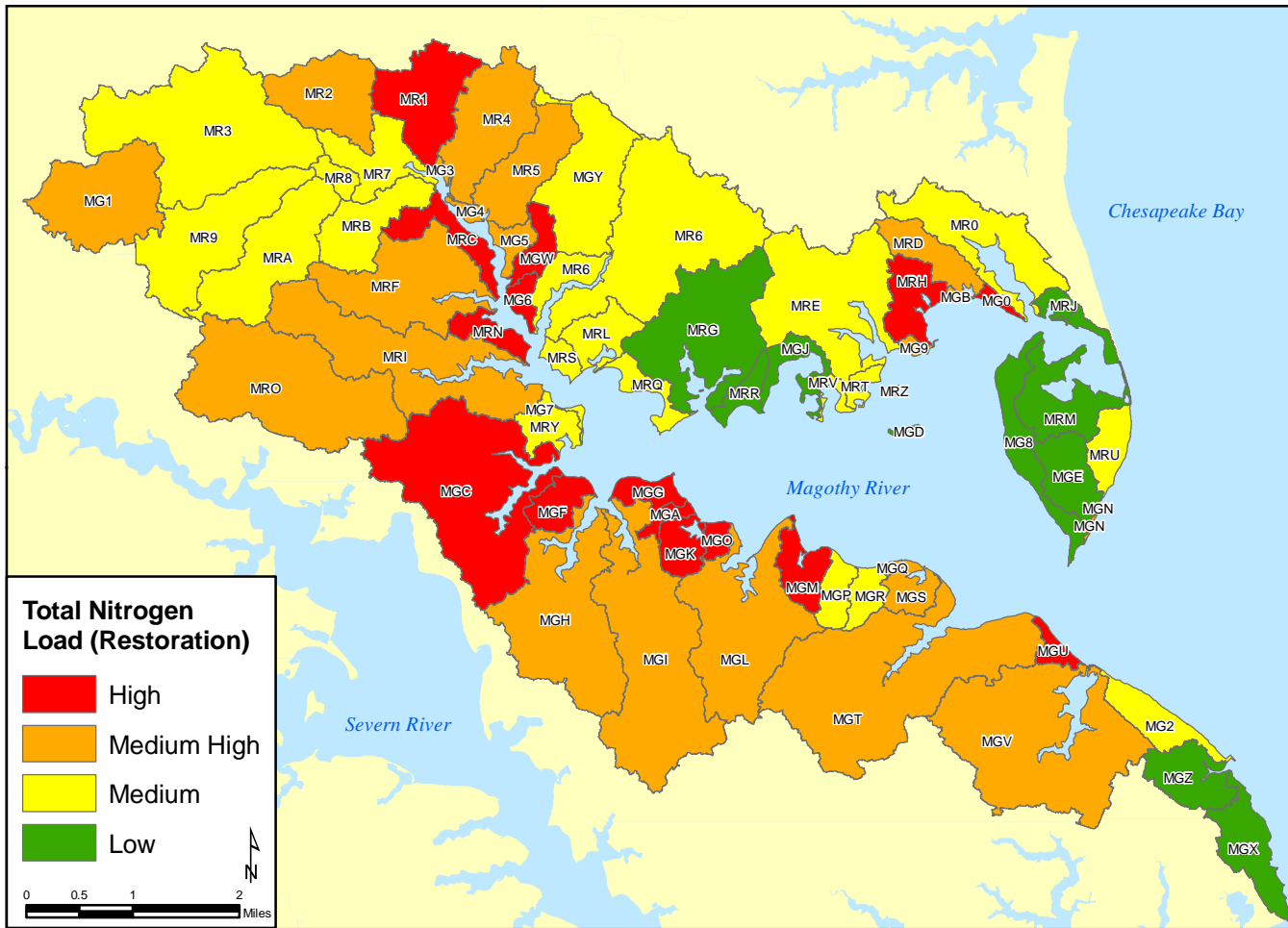
Anne Arundel County  
Department of Public Works  
Watershed Ecosystems and Restoration Services  
Watershed Assessment and Planning





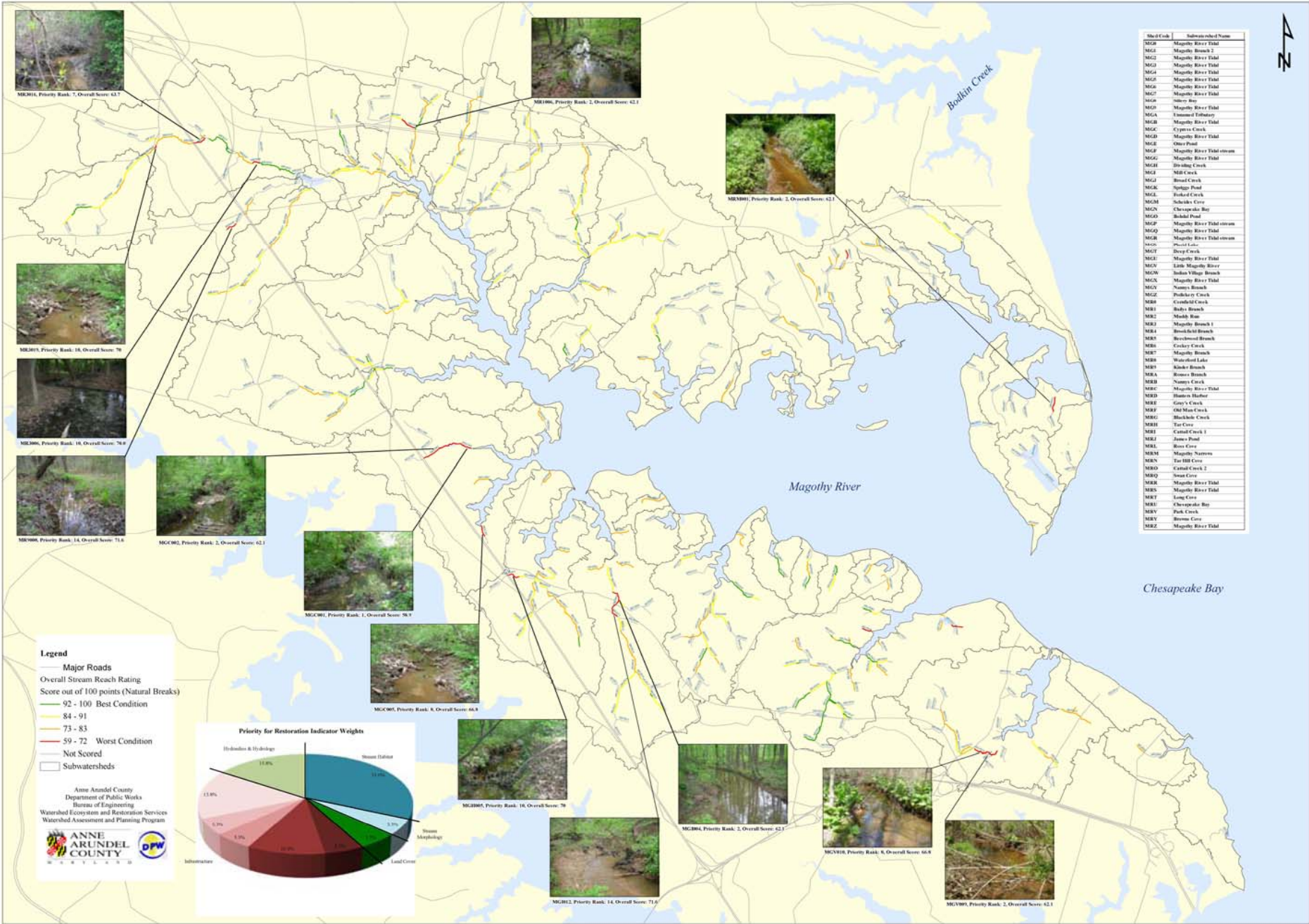
# Map 3.4 - Subwatershed Ratings for Water Quality Indicators

SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MR0	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0





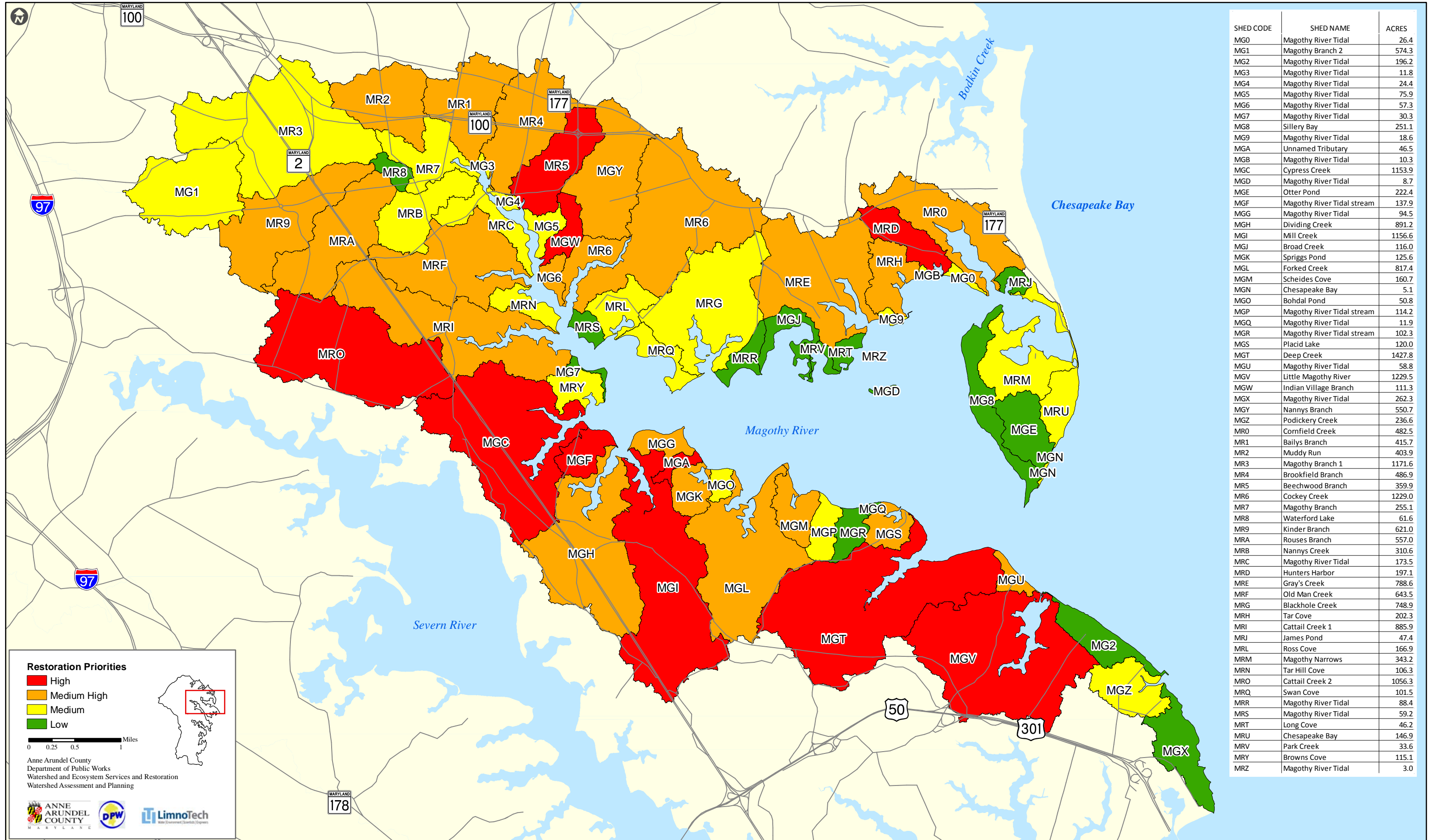
# Map 4.1 – Stream Reach Priorities for Restoration



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 Map Production: Watershed Ecosystem and Restoration Services  
 Copyright: 2009



# Map 4.2 - Subwatershed Priorities for Restoration



SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MRO	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

**Restoration Priorities**

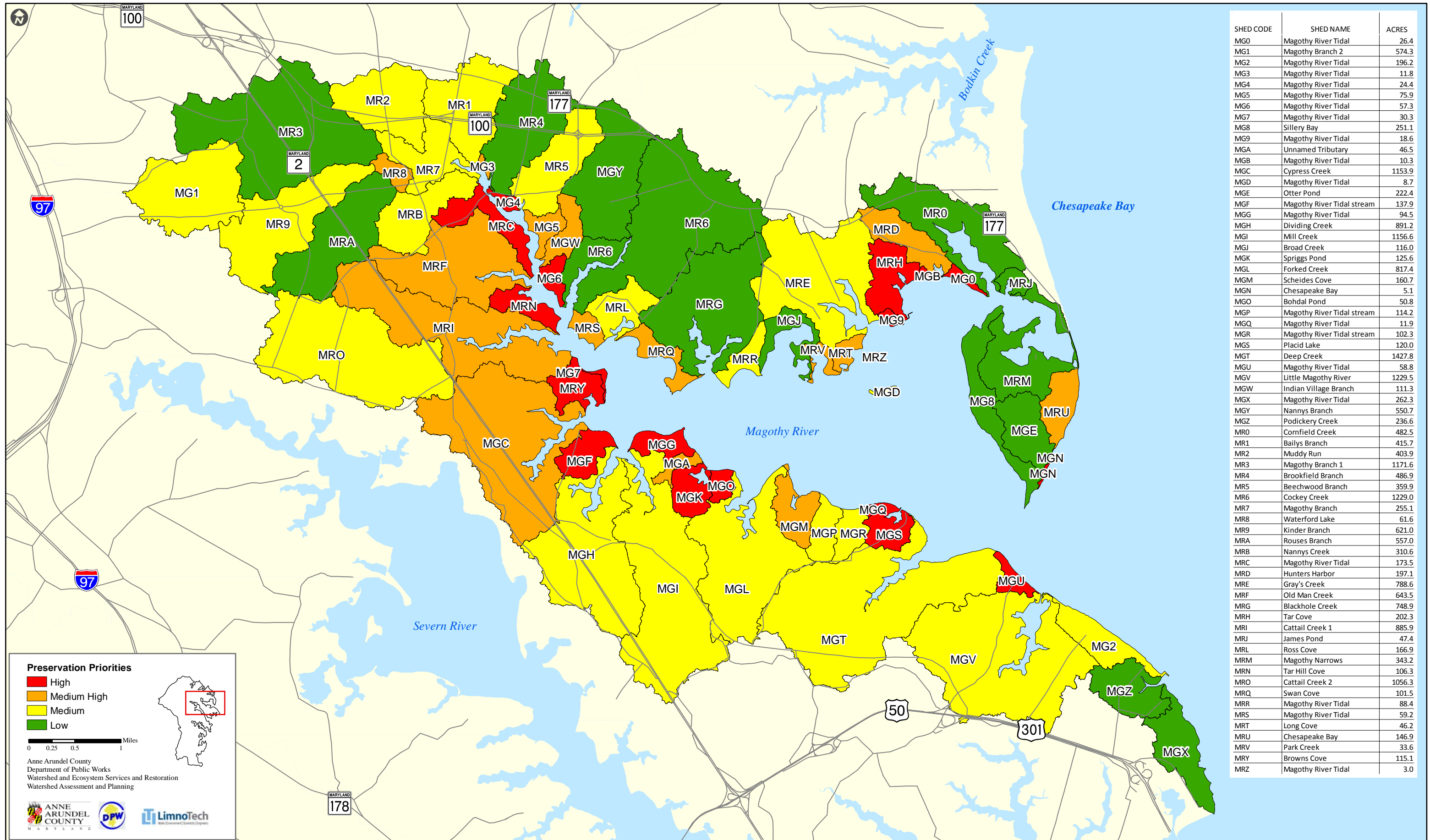
- High (Red)
- Medium High (Orange)
- Medium (Yellow)
- Low (Green)

0 0.25 0.5 1 Miles

Anne Arundel County  
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Watershed and Ecosystem Services and Restoration  
Watershed Assessment and Planning



# Map 4.3 - Subwatershed Priorities for Preservation



SHED CODE	SHED NAME	ACRES
MG0	Magothy River Tidal	26.4
MG1	Magothy Branch 2	574.3
MG2	Magothy River Tidal	196.2
MG3	Magothy River Tidal	11.8
MG4	Magothy River Tidal	24.4
MG5	Magothy River Tidal	75.9
MG6	Magothy River Tidal	57.3
MG7	Magothy River Tidal	30.3
MG8	Sillery Bay	251.1
MG9	Magothy River Tidal	18.6
MGA	Unnamed Tributary	46.5
MGB	Magothy River Tidal	10.3
MGC	Cypress Creek	1153.9
MGD	Magothy River Tidal	8.7
MGE	Otter Pond	222.4
MGF	Magothy River Tidal stream	137.9
MGG	Magothy River Tidal	94.5
MGH	Dividing Creek	891.2
MGI	Mill Creek	1156.6
MGJ	Broad Creek	116.0
MGK	Spriggs Pond	125.6
MGL	Forked Creek	817.4
MGM	Scheides Cove	160.7
MGN	Chesapeake Bay	5.1
MGO	Bohdal Pond	50.8
MGP	Magothy River Tidal stream	114.2
MGQ	Magothy River Tidal	11.9
MGR	Magothy River Tidal stream	102.3
MGS	Placid Lake	120.0
MGT	Deep Creek	1427.8
MGU	Magothy River Tidal	58.8
MGV	Little Magothy River	1229.5
MGW	Indian Village Branch	111.3
MGX	Magothy River Tidal	262.3
MGY	Nannys Branch	550.7
MGZ	Podickery Creek	236.6
MRO	Cornfield Creek	482.5
MR1	Bailys Branch	415.7
MR2	Muddy Run	403.9
MR3	Magothy Branch 1	1171.6
MR4	Brookfield Branch	486.9
MR5	Beechwood Branch	359.9
MR6	Cockey Creek	1229.0
MR7	Magothy Branch	255.1
MR8	Waterford Lake	61.6
MR9	Kinder Branch	621.0
MRA	Rouses Branch	557.0
MRB	Nannys Creek	310.6
MRC	Magothy River Tidal	173.5
MRD	Hunters Harbor	197.1
MRE	Gray's Creek	788.6
MRF	Old Man Creek	643.5
MRG	Blackhole Creek	748.9
MRH	Tar Cove	202.3
MRI	Cattail Creek 1	885.9
MRJ	James Pond	47.4
MRL	Ross Cove	166.9
MRM	Magothy Narrows	343.2
MRN	Tar Hill Cove	106.3
MRO	Cattail Creek 2	1056.3
MRQ	Swan Cove	101.5
MRR	Magothy River Tidal	88.4
MRS	Magothy River Tidal	59.2
MRT	Long Cove	46.2
MRU	Chesapeake Bay	146.9
MRV	Park Creek	33.6
MRY	Browns Cove	115.1
MRZ	Magothy River Tidal	3.0

**Preservation Priorities**  
■ High  
■ Medium High  
■ Medium  
■ Low

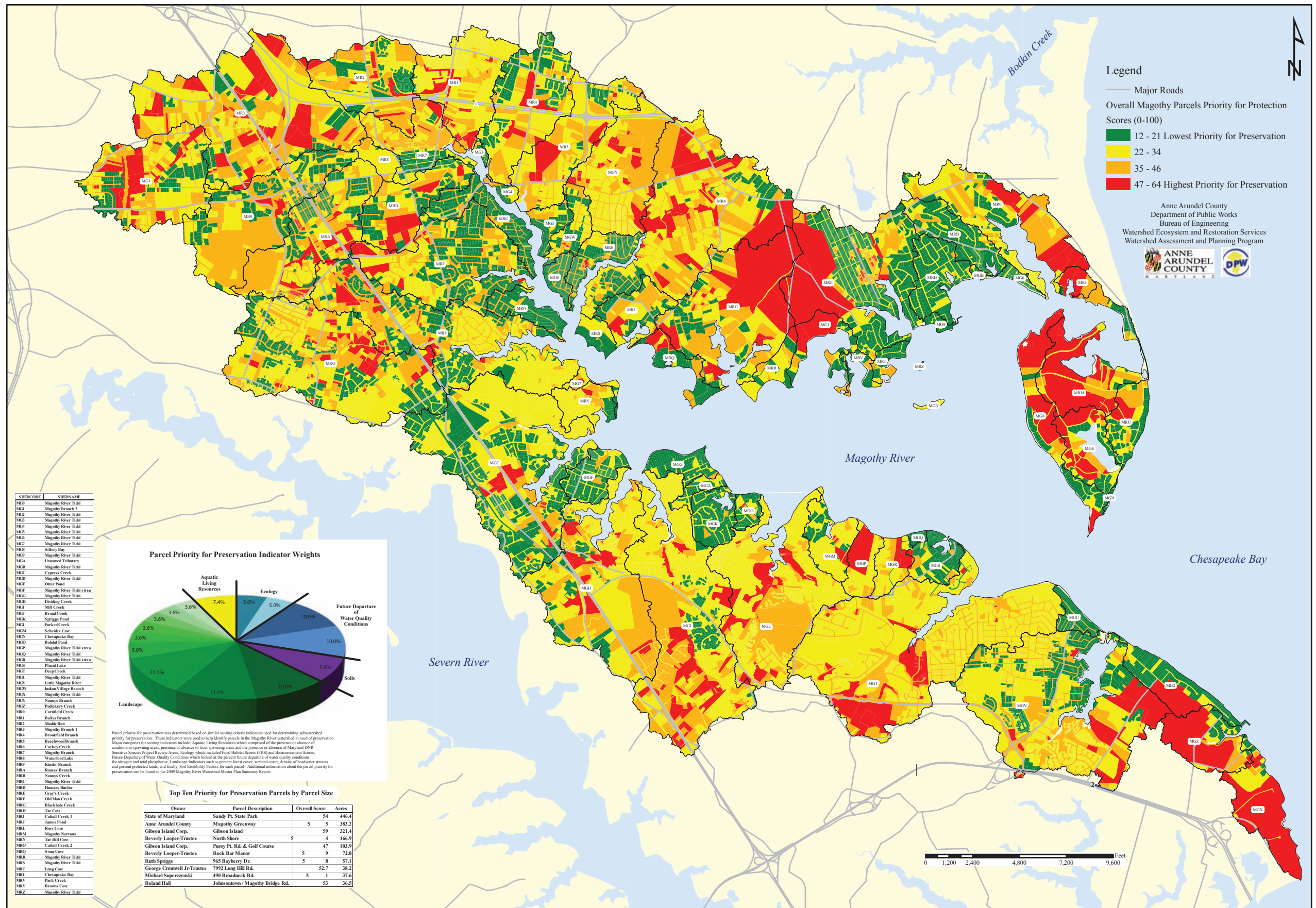
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Anne Arundel County  
 Department of Public Works  
 Watershed and Ecosystem Services and Restoration  
 Watershed Assessment and Planning





# Map 4.4 - Parcel Priorities for Preservation



Date: August 25, 2009  
 File: J:\Shore ENV\Watershed Management Program\WMP\Share\Watershed Studies\Magothy River Study\Modeling\Ranking\Magothy Parcel Priority for Preservation  
 Map Production: Watershed Ecosystem and Restoration Services  
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