APPENDIX A: REFERENCE TABLES
### APPENDIX A: REFERENCE TABLES

#### Appendix A.1: County Delineated Sub-watershed Codes

<table>
<thead>
<tr>
<th>Sub-watershed Code</th>
<th>Sub-watershed Name</th>
<th>NPDES Watershed</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA</td>
<td>Catoctin Creek – Boss Arnold</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>BB</td>
<td>Bolivar Branch</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>BL</td>
<td>Broad Run – Lower Mainstem</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>BM</td>
<td>Broad Run – Middle Mainstem</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>BU</td>
<td>Broad Run – Upper Mainstem</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>CB</td>
<td>Cone Branch</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>CF</td>
<td>Catoctin Creek – Frostown Branch</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>CH</td>
<td>Catoctin Creek – Meeting House</td>
<td>Middle Creek</td>
</tr>
<tr>
<td>CJ</td>
<td>Catoctin Creek – Jefferson Branch</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>CL</td>
<td>Catoctin Creek – Lewis Mill Branch</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>CV</td>
<td>Catoctin Creek – Middletown Valley Estates</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>DR</td>
<td>Dry Run</td>
<td>Middle Creek</td>
</tr>
<tr>
<td>DS</td>
<td>Deer Spring Branch</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>EL</td>
<td>Little Catoctin Creek East – Lower Mainstem</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>EU</td>
<td>Little Catoctin Creek East – Upper Mainstem</td>
<td>Catoctin Creek</td>
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<tr>
<td>GR</td>
<td>Grindstone Run</td>
<td>Catoctin Creek</td>
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<tr>
<td>LW</td>
<td>Little Catoctin Creek West</td>
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<tr>
<td>MC</td>
<td>Middle Creek</td>
<td>Catoctin Creek</td>
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<tr>
<td>MR</td>
<td>Catoctin Creek – Musket Ridge</td>
<td>Catoctin Creek</td>
</tr>
<tr>
<td>MU</td>
<td>Middle Creek – Upper Mainstem</td>
<td>Middle Creek</td>
</tr>
<tr>
<td>SR</td>
<td>Spruce Run</td>
<td>Middle Creek</td>
</tr>
<tr>
<td>WB</td>
<td>Catoctin Creek – West Branch</td>
<td>Middle Creek</td>
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#### Appendix A.2: Designated Uses and Use Classes for Surface Waters in Maryland

<table>
<thead>
<tr>
<th>Designated Uses</th>
<th>Use Classes</th>
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<tbody>
<tr>
<td></td>
<td>I</td>
</tr>
<tr>
<td>Growth and Propagation of fish (not trout), other aquatic life and wildlife</td>
<td>✓</td>
</tr>
<tr>
<td>Water Contact Sports</td>
<td>✓</td>
</tr>
<tr>
<td>Leisure activities involving direct contact with surface water</td>
<td>✓</td>
</tr>
<tr>
<td>Fishing</td>
<td>✓</td>
</tr>
<tr>
<td>Agricultural Water Supply</td>
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<tr>
<td>Industrial Water Supply</td>
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<tr>
<td>Propagation and Harvesting of Shellfish</td>
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<tr>
<td>Seasonal Migratory Fish Spawning and Nursery Use</td>
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<tr>
<td>Seasonal Shallow-Water Submerged Aquatic Vegetation Use</td>
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</tr>
<tr>
<td>Open-Water Fish and Shellfish Use</td>
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</tr>
<tr>
<td>Seasonal Deep-Water Fish and Shellfish Use</td>
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</tr>
<tr>
<td>Seasonal Deep-Channel Refuge Use</td>
<td>✓</td>
</tr>
<tr>
<td>Growth and Propagation of Trout</td>
<td>✓</td>
</tr>
<tr>
<td>Capable of Supporting Adult Trout for a Put and Take Fishery</td>
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</tr>
<tr>
<td>Public Water Supply</td>
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### Appendix A.3: MDE BMP Groups, Codes, and Types

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<tr>
<th>BMP GROUP</th>
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<th>DESIGN VARIATION</th>
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<tr>
<td><strong>Structural Practices</strong></td>
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<tr>
<td>Ponds</td>
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<tr>
<td>P-1</td>
<td></td>
<td>Micropool Extended Detention</td>
</tr>
<tr>
<td>P-2</td>
<td></td>
<td>Wet Pond</td>
</tr>
<tr>
<td>P-3</td>
<td></td>
<td>Wet Extended Detention Pond</td>
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<tr>
<td>P-4</td>
<td></td>
<td>Multiple Pond</td>
</tr>
<tr>
<td>P-5</td>
<td></td>
<td>Pocket Pond</td>
</tr>
<tr>
<td>Wetlands</td>
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</tr>
<tr>
<td>W-1</td>
<td></td>
<td>Shallow Wetland</td>
</tr>
<tr>
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<td></td>
<td>Extended Detention Wetland</td>
</tr>
<tr>
<td>W-3</td>
<td></td>
<td>Pond/Wetland</td>
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<tr>
<td>W-4</td>
<td></td>
<td>Pocket Wetland</td>
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<tr>
<td>Infiltration</td>
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</tr>
<tr>
<td>I-1</td>
<td></td>
<td>Infiltration Trench</td>
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<tr>
<td>I-2</td>
<td></td>
<td>Infiltration Basin</td>
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<td>Filtering Systems</td>
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<td>F-1</td>
<td></td>
<td>Surface Sand Filter</td>
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<td>Underground Sand Filter</td>
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<td>F-3</td>
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<td>Perimeter Sand Filter</td>
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<td>Organic Filter</td>
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<td>Pocket Sand Filter</td>
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<tr>
<td>F-6</td>
<td></td>
<td>Bioretention</td>
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<tr>
<td>Open Channels</td>
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</tr>
<tr>
<td>O-1</td>
<td></td>
<td>Dry Swale</td>
</tr>
<tr>
<td>O-2</td>
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<td>Wet Swale</td>
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<td><strong>Micro-Scale Practices</strong></td>
<td></td>
<td></td>
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<tr>
<td>Rainwater Harvesting</td>
<td>M-1</td>
<td>Rain Barrels</td>
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<td></td>
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<td>Cisterns</td>
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<tr>
<td>Submerged Gravel Wetlands</td>
<td>M-2</td>
<td>Submerged Gravel Wetland</td>
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<tr>
<td>Landscape Infiltration</td>
<td>M-3</td>
<td>Landscape Infiltration</td>
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<td>Infiltration Berms</td>
<td>M-4</td>
<td>Infiltration Berms</td>
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<td>Dry Wells</td>
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<td>Dry Wells</td>
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<tr>
<td>Micro-Bioretention</td>
<td>M-6</td>
<td>Micro-Bioretention</td>
</tr>
<tr>
<td>Rain Gardens</td>
<td>M-7</td>
<td>Rain Gardens</td>
</tr>
<tr>
<td>Swales</td>
<td>M-8</td>
<td>Grass Swales</td>
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<td></td>
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<td>Bio-swales</td>
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<td>Enhanced Filters</td>
<td>M-9</td>
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<td>MDE Structure Code</td>
<td>MDE Structure Type</td>
<td>Structure Function</td>
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<td>-------------------</td>
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<td>--------------------</td>
</tr>
<tr>
<td>BR</td>
<td>Bio-retention</td>
<td>Landscape designed such that stormwater runoff collects in shallow depressions before filtering through fabricated planting soil media.</td>
</tr>
<tr>
<td>DP</td>
<td>Detention Structure (Dry Pond)</td>
<td>Designed to store runoff without a permanent pool.</td>
</tr>
<tr>
<td>ESDS</td>
<td>Extended Detention Structure, Dry</td>
<td>Designed for the temporary storage of runoff associated with at least a 24 hr 1-year storm without creating a permanent pool of water.</td>
</tr>
<tr>
<td>EDSW</td>
<td>Extended Detention Structure, Wet</td>
<td>Designed for the storage of runoff associated with at least a 24 hr 1-year storm. The detained water drains partially and the remaining portion creates a permanent pool.</td>
</tr>
<tr>
<td>IB</td>
<td>Infiltration Basin</td>
<td>Designed to allow stormwater to infiltrate into permeable soils. It differs from a retention structure in that it may include a back-up underdrain pipe to ensure eventual removal of standing water.</td>
</tr>
<tr>
<td>SM</td>
<td>Shallow Marsh</td>
<td>A structure with a permanent shallow pool planted with wetland vegetation often designed to provide extended detention.</td>
</tr>
<tr>
<td>SW</td>
<td>Attenuation swale or dry swale</td>
<td>Open drainage channel designed to detain and promote the filtration of stormwater runoff through underlying fabricated soil media.</td>
</tr>
<tr>
<td>WP</td>
<td>Wet Pond</td>
<td>A structure with a permanent pool of water for treating incoming stormwater runoff.</td>
</tr>
</tbody>
</table>