

## APPENDIX A: REFERENCE TABLES

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

| Sub-watershed Code | Sub-watershed Name                          | NPDES Watershed |
|--------------------|---|-----------------|
| BA                 | Catoctin Creek – Boss Arnold                | Catoctin Creek  |
| BB                 | Bolivar Branch                              | Catoctin Creek  |
| BL                 | Broad Run – Lower Mainstem                  | Catoctin Creek  |
| BM                 | Broad Run – Middle Mainstem                 | Catoctin Creek  |
| BU                 | Broad Run – Upper Mainstem                  | Catoctin Creek  |
| CB                 | Cone Branch                                 | Catoctin Creek  |
| CF                 | Catoctin Creek – Frostown Branch            | Catoctin Creek  |
| CH                 | Catoctin Creek – Meeting House              | Middle Creek    |
| CJ                 | Catoctin Creek – Jefferson Branch           | Catoctin Creek  |
| CL                 | Catoctin Creek – Lewis Mill Branch          | Catoctin Creek  |
| CV                 | Catoctin Creek – Middletown Valley Estates  | Catoctin Creek  |
| DR                 | Dry Run                                     | Middle Creek    |
| DS                 | Deer Spring Branch                          | Catoctin Creek  |
| EL                 | Little Catoctin Creek East – Lower Mainstem | Catoctin Creek  |
| EU                 | Little Catoctin Creek East – Upper Mainstem | Catoctin Creek  |
| GR                 | Grindstone Run                              | Catoctin Creek  |
| LW                 | Little Catoctin Creek West                  | Middle Creek    |
| MC                 | Middle Creek                                | Catoctin Creek  |
| MR                 | Catoctin Creek – Musket Ridge               | Catoctin Creek  |
| MU                 | Middle Creek – Upper Mainstem               | Middle Creek    |
| SR                 | Spruce Run                                  | Middle Creek    |
| WB                 | Catoctin Creek – West Branch                | Middle Creek    |

**Appendix A.2: Designated Uses and Use Classes for Surface Waters in Maryland**

| Designated Uses   | Use Classes |     |    |      |     |       |    |      |
|---|-------------|-----|----|------|-----|-------|----|------|
|   | I           | I-P | II | II-P | III | III-P | IV | IV-P |
| Growth and Propagation of fish (not trout), other aquatic life and wildlife | ✓           | ✓   | ✓  | ✓    | ✓   | ✓     | ✓  | ✓    |
| Water Contact Sports  | ✓           | ✓   | ✓  | ✓    | ✓   | ✓     | ✓  | ✓    |
| Leisure activities involving direct contact with surface water              | ✓           | ✓   | ✓  | ✓    | ✓   | ✓     | ✓  | ✓    |
| Fishing   | ✓           | ✓   | ✓  | ✓    | ✓   | ✓     | ✓  | ✓    |
| Agricultural Water Supply   | ✓           | ✓   | ✓  | ✓    | ✓   | ✓     | ✓  | ✓    |
| Industrial Water Supply   | ✓           | ✓   | ✓  | ✓    | ✓   | ✓     | ✓  | ✓    |
| Propagation and Harvesting of Shellfish                                     |             |     | ✓  | ✓    |     |       |    |      |
| Seasonal Migratory Fish Spawning and Nursery Use                            |             |     | ✓  | ✓    |     |       |    |      |
| Seasonal Shallow-Water Submerged Aquatic Vegetation Use                     |             |     | ✓  | ✓    |     |       |    |      |
| Open-Water Fish and Shellfish Use   |             |     | ✓  | ✓    |     |       |    |      |
| Seasonal Deep-Water Fish and Shellfish Use                                  |             |     | ✓  | ✓    |     |       |    |      |
| Seasonal Deep-Channel Refuge Use  |             |     | ✓  | ✓    |     |       |    |      |
| Growth and Propagation of Trout   |             |     |    |      | ✓   | ✓     |    |      |
| Capable of Supporting Adult Trout for a Put and Take Fishery                |             |     |    |      |     |       | ✓  | ✓    |
| Public Water Supply   |             | ✓   |    | ✓    |     | ✓     |    | ✓    |

**Appendix A.3: MDE BMP Groups, Codes, and Types**

| BMP GROUP                    | MDE CODE | DESIGN VARIATION             |
|------------------------------|----------|------------------------------|
| <i>Structural Practices</i>  |          |                              |
| Ponds                        | P-1      | Micropool Extended Detention |
|                              | P-2      | Wet Pond                     |
|                              | P-3      | Wet Extended Detention Pond  |
|                              | P-4      | Multiple Pond                |
|                              | P-5      | Pocket Pond                  |
| Wetlands                     | W-1      | Shallow Wetland              |
|                              | W-2      | Extended Detention Wetland   |
|                              | W-3      | Pond/Wetland                 |
|                              | W-4      | Pocket Wetland               |
| Infiltration                 | I-1      | Infiltration Trench          |
|                              | I-2      | Infiltration Basin           |
| Filtering Systems            | F-1      | Surface Sand Filter          |
|                              | F-2      | Underground Sand Filter      |
|                              | F-3      | Perimeter Sand Filter        |
|                              | F-4      | Organic Filter               |
|                              | F-5      | Pocket Sand Filter           |
|                              | F-6      | Bioretention                 |
| Open Channels                | O-1      | Dry Swale                    |
|                              | O-2      | Wet Swale                    |
| <i>Micro-Scale Practices</i> |          |                              |
| Rainwater Harvesting         | M-1      | Rain Barrels                 |
|                              |          | Cisterns                     |
| Submerged Gravel Wetlands    | M-2      | Submerged Gravel Wetland     |
| Landscape Infiltration       | M-3      | Landscape Infiltration       |
| Infiltration Berms           | M-4      | Infiltration Berms           |
| Dry Wells                    | M-5      | Dry Wells                    |
| Micro-Bioretention           | M-6      | Micro-Bioretention           |
| Rain Gardens                 | M-7      | Rain Gardens                 |
| Swales                       | M-8      | Grass Swales                 |
|                              |          | Bio-swales                   |
| Enhanced Filters             | M-9      | Enhanced Filters             |

**Appendix A.4: MDE BMP Structure Codes, Types, and Functions**

| MDE Structure Code | MDE Structure Type                | Structure Function  |
|--------------------|-----------------------------------|---|
| BR                 | Bio-retention                     | Landscape designed such that stormwater runoff collects in shallow depressions before filtering through fabricated planting soil media.   |
| DP                 | Detention Structure (Dry Pond)    | Designed to store runoff without a permanent pool.  |
| EDSD               | Extended Detention Structure, Dry | Designed for the temporary storage of runoff associated with at least a 24 hr 1-year storm without creating a permanent pool of water.  |
| EDSW               | Extended Detention Structure, Wet | 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.                             |
| IB                 | Infiltration Basin                | 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. |
| SM                 | Shallow Marsh                     | A structure with a permanent shallow pool planted with wetland vegetation often designed to provide extended detention.   |
| SW                 | Attenuation swale or dry swale    | Open drainage channel designed to detain and promote the filtration of stormwater runoff through underlying fabricated soil media.  |
| WP                 | Wet Pond                          | A structure with a permanent pool of water for treating incoming stormwater runoff.   |