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| **Structure Type** | **Wet Retention Pond** | | | **Number** |  |
| **Design Criteria** |  | | | **Location** | Coordinates, Driving Directions |
| **This wet retention pond was designed to remove Total Suspended Solids (TSS) from stormwater runoff but also serves as a peak flow mitigation measure. This pond should have a permanent pool of water.** | | | |  | |
| **Inspection Cycle** |  | | | | |
| **Twice per year and after major storm events (6 inches of rainfall).** | | | | | |
| **Inspection Criteria** |  | | | | |
| * **Vegetation – cover should be approximately 90% in areas without permanent pool** * **Erosion and scour** * **Trash and debris buildup** * **Emergency overflow structure or embankment – structural integrity – no trees or large vegetation on earth embankments** * **Inflow and outflow points and/or structures are not blocked or damaged** * **Sediment buildup** * **Algal growth – excessive algal growth or cyanobacteria (bright green algae often with a film on the surface)** | | | | | |
| **Typical Corrective Actions** |  | | | | |
| * **Vegetation – re-establish as needed so that cover is approximately 90% in areas without permanent pool** * **Erosion and scour – re-grade as needed, install erosion protection if required** * **Trash and debris buildup – remove trash and debris as needed** * **Emergency overflow structure or embankment – repair structures and remove large vegetation or trees from embankments as needed** * **Inflow and outflow points and/or structures – repair structures and remove debris or blockage as needed** * **Sediment buildup – should be ≤ 25% of original design volume – remove sediment as needed** * **Algal growth – apply aquatic herbicide to treat excessive algal growth or cyanobacteria – must be Category 5 certified** | | | | | |
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| **Maintenance Recommendations** |  | | | | |
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| **Last Inspected** |  | **Current Inspection** |  | | |

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| **Structure Type** |  | | | **Number** |  | |
| **Plans and Plan Cross Section(s)** |  | | | | | |
|  | | | | | | |
| **INSPECTED BY** | | **APPROVED BY** | | | | |
| Printed Name/Title | |  |  | | |  |
|  | Printed Name/Title | | |  |