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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** |  |
|  |
| **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 |  |