|  |  |  |  |
| --- | --- | --- | --- |
| **Structure Type** | **Infiltration Swale** |  **Number** |  |
| **Design Criteria** |  | **Location** | Coordinates, Driving Directions |
| **This swale was designed to remove Total Suspended Solids (TSS) from stormwater runoff and was designed to be dry between rainfall events. Stormwater should infiltrate into the underlying soil.**  |  |
| **Inspection Cycle** |  |
| **Twice per year during first year after construction, then one time per year. Also inspect after major storm events (6 inches of rainfall).**  |
| **Inspection Criteria** |  |
| * **Vegetation – cover should be approximately 90%**
* **Erosion and scour**
* **Trash and debris buildup**
* **Excessive ponding – stagnated water**
* **Inflow and outflow points and/or structures are not blocked or damaged**
* **Sediment buildup – should be ≤ 25% of original design volume**
 |
| **Typical Corrective Actions** |  |
| * **Vegetation – re-establish vegetation as needed so that cover is approximately 90%**
* **Erosion and scour – re-grade as needed, install erosion protection if required**
* **Trash and debris buildup – remove trash and debris as needed**
* **Excessive ponding – regrade as needed to drain excessive ponded or stagnated water, remove top 3 inches of soil if swale becomes clogged**
* **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**
 |
|
|
| **Maintenance Recommendations** |  |
|  |
| **Last Inspected** |  | **Current Inspection** |  |

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