



## Underground Detention System Operation and Maintenance Inspection Report Town of Mooresville, North Carolina

|   |   |
|---|---|
| Project Name: _____   | Inspection Date: _____  |
| Inspector Phone #: _____  | Inspector Email: _____  |
| Inspector Name: _____   | Inspector Signature: _____  |
| Recent Rainfall: <input type="checkbox"/> 0-2 days <input type="checkbox"/> 3-5 days <input type="checkbox"/> 5+ days | <input type="checkbox"/> Initial Inspection <input type="checkbox"/> Follow-up Inspection |

|                          |  |
|--------------------------|--|
| <input type="checkbox"/> | <b>Aerial Photo of Site and Photographs of BMP Attached (Required)</b> |
|--------------------------|--|

**Code Key:**

|                      |   |
|----------------------|---|
| N/A = Not Applicable | M = Monitor (potential for future problem)                        |
| WN = Work Needed     | S = Satisfactory (or no maintenance needed at time of inspection) |

| Potential Problem                                       | Code | Comments |
|---|------|----------|
| <b>Entire BMP</b>                                       |      |          |
| Trash/debris is present                                 |      |          |
| <b>Inlet Device</b>                                     |      |          |
| Pipe is clogged   |      |          |
| Pipe is cracked or damaged                              |      |          |
| Structure is damaged                                    |      |          |
| Other (describe)  |      |          |
| <b>Underground Vaults/Pipes</b>                         |      |          |
| Sediment accumulation (greater than design depth)       |      |          |
| Seepage or settlement accompanied by cracking           |      |          |
| Joint alignment, elongation, or cracks                  |      |          |
| Leakage or water surface infiltration into system       |      |          |
| Surface wear or loss of protective coating or corrosion |      |          |
| Blockage of pipe or vault                               |      |          |
| Other (describe)  |      |          |
| <b>Outlet Device</b>                                    |      |          |
| Clogging has occurred                                   |      |          |
| Device is damaged                                       |      |          |
| Outflow pipe is clogged or damaged                      |      |          |
| Other (describe)  |      |          |
| <b>Receiving Water</b>                                  |      |          |
| Erosion or other signs of damage at the outlet          |      |          |
| Other (describe)  |      |          |



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| Potential Problem       | Code | Comments |
|-------------------------|------|----------|
| <b>Miscellaneous</b>    |      |          |
| Access                  |      |          |
| Vandalism               |      |          |
| Signage (if applicable) |      |          |
| Other (describe)        |      |          |

**Additional Comments/Recommendations:**

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**Please notify us when work is complete or if you have questions.**



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1. Name of the land owner: \_\_\_\_\_

Address of the land owner: \_\_\_\_\_

2. Recorded book and page number of the lot for this structural SCM: Book \_\_\_\_\_ Page \_\_\_\_\_

3. The following repairs and maintenance are needed at this time: If no repairs or maintenance are needed at this time, insert N/A and move to item 4.

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### 4. Compliance Certification:

Please complete Section A or B as appropriate.

#### A. Certificate of Compliance

**I do certify that I conducted an inspection of the SCM described herein. I certify that at the time of my inspection this SCM was performing properly and was in compliance with the terms and conditions of the approved maintenance agreement and/or the approved plans as required by the Watershed Ordinance.**

**Original signature and seal of the engineer, surveyor, or landscape architect.**

|                            |             |             |
|----------------------------|-------------|-------------|
| <b>Signature and title</b> | <b>Date</b> | <b>Seal</b> |
|----------------------------|-------------|-------------|

#### B. Conditional Certificate of Compliance

**I do certify that I conducted an inspection of the SCM described herein. I certify that at the time of my inspection this SCM was performing properly and was in compliance with the terms and conditions of the approved maintenance agreement and/or the approved plans as required by the Watershed Ordinance with the exception of the items listed in the above inspection sheet that require correction by the owner/permittee. I will inspect once the repairs are complete and submit a certified report.**

**Estimated Date of Compliance:** \_\_\_\_\_

**Original signature and seal of the engineer, surveyor, or landscape architect.**

|                            |             |             |
|----------------------------|-------------|-------------|
| <b>Signature and title</b> | <b>Date</b> | <b>Seal</b> |
|----------------------------|-------------|-------------|