DINWIDDIE COUNTY

PLANNING, ZONING, CODE COMPLIANCE AND ENVIRONMENTAL

EXTENDED DETENTION PONDS

MAINTENANCE INSPECTION REPORT

1. A licensed professional engineer must conduct all inspections utilizing the approved construction plans, As-Builts, and recorded Stormwater Maintenance Agreement located at the Dinwiddie County Courthouse.

2. All items must be inspected and any discrepancies and necessary repairs must be noted along with an estimate cost of repairs.

3. Upon completion of the inspection, one (1) copy, indicating estimated completion date and cost of noted discrepancies and and repairs, is to be forwarded by the inspection firm to the: **County of Dinwiddie, Planning & Zoning Department, Attn: Environmental Administrator, P.O. Drawer 70 Dinwiddie, VA 23841**. The original form must be forwarded to the owner of the facility. This form is to be typed or in black/blue ink only. No color ink or pencil will be accepted.

4. The facility owner's representative must indicate on the original form the actual completion date and actual cost of acquired repairs, after which the facility owner must sign and return one (1) copy of the form to the: **County of Dinwiddie, Planning and Zoning Department, Attn: Environmental Administrator, P.O. Drawer 70 Dinwiddie, VA. 23841.**

PROJECT INFORMATION:

Name of Project:_____

Location of Project:_____

Owner of Facility:_____ Inspection Date:_____

Facility Type:

☐ **Level 1** ☐ **Level 2**

Hydraulic Configuration:

☐ **On-line facility** ☐ **Off-line facility**

Pond Characteristics and Functions (check all that apply):

☐ **Water Quality Treatment**
☐ **Channel Protection**
☐ **Single Cell Pond**
☐ **Pond with One or More Wetland Cells**
☐ **Extended Detention Included**
☐ **Ties into Groundwater**
☐ **Multi-Cell Pond System**

Type of Pre-Treatment Facility:

☐ **Sediment forebay (above ground)**
☐ **Grass filter strip**
☐ **Vegetated buffer area**
☐ **Grass channel**
☐ **Other** _____

CONTRIBUTING DRAINAGE AREA:

	YES	NO
Adequate vegetation.	☐	☐
There is excessive trash and debris.	☐	☐
There is evidence of erosion and/or bare or exposed soil.	☐	☐
There is excessive landscape waste and yard clippings.	☐	☐

PRE-TREATMENT:

	YES	NO
There is adequate access to the pre-treatment facility.	☐	☐
There is excessive trash, debris, or sediment.	☐	☐
There is evidence of erosion and/or exposed soil	☐	☐
Sediment deposits are 50% or more of forebay capacity.	☐	☐
The sediment marker is not vertical.	☐	☐
There is evidence of clogging	☐	☐
There is dead vegetation	☐	☐

INLET:

	YES	NO
The inlet provides a stable conveyance into the swale	☐	☐
There is excessive trash/debris/sediment.	☐	☐
There is evidence of erosion at or around the inlet	☐	☐
There is cracking, bulging, erosion or sloughing of the forebay dam..	☐	☐
There is woody growth on the forebay dam..	☐	☐
There is evidence of nuisance animals..	☐	☐
There is more than 1 inch of settlement.	☐	☐
The inlet alignment is incorrect.	☐	☐

VEGETATION:

	YES	NO
Plant composition is consistent with the approved plans.	☐	☐
Invasive species are present.	☐	☐
Vegetation is dead or reinforcement planting is needed..	☐	☐
Trees planted in the buffer and on wetland islands and peninsulas need watering.	☐	☐
Grass around the facility is overgrown.	☐	☐
Vegetation is dead or reinforcement planting is needed.	☐	☐

PERMANENT POOL AND SIDE SLOPES:

	YES	NO
There is excessive trash and/or debris.	☐	☐
There is evidence of sparse vegetative cover, erosion or slumping side slopes.	☐	☐
There is evidence of nuisance animals.	☐	☐
There is significant sediment accumulation.	☐	☐

RISER / PRINCIPLE SPILLWAY AND LOW-FLOW ORIFICE(S):

	YES	NO
There is adequate access to riser for maintenance.	☐	☐
Pieces of the riser are deteriorating, misaligned, broken or missing.	☐	☐
Adjustable control valves are accessible and operational.	☐	☐
Reverse-slope pipes and flashboard risers are in good condition.	☐	☐
There is excessive trash, debris, or other obstructions in the trash rack.	☐	☐
Seepage into conduit.	☐	☐
There is evidence of clogging.	☐	☐

DAM / EMBANKMENT AND ABUTMENTS:

	YES	NO
There is sparse veg. cover, settlement, cracking, bulging, misalignment, erosion rills deeper than 2 inches, or sloughing of the dam.	☐	☐
There are soft spots, boggy areas, seepage or sinkholes present.	☐	☐
There is evidence of nuisance animals.	☐	☐
There is woody vegetation on the embankment.	☐	☐

OVERFLOW / EMERGENCY SPILLWAY:

	YES	NO
There is woody growth on the spillway.	☐	☐
There is excessive trash, debris, or other obstructions.	☐	☐
There is evidence of erosion/back-cutting.	☐	☐
There are soft spots, seepage or sinkholes.	☐	☐
Only one layer of stone armoring exists above the native soil.	☐	☐

OUTLET:

	YES	NO
The outlet provides a stable conveyance from the pond.	☐	☐
Woody growth within 5 feet of the outlet pipe barrel.	☐	☐
There is excessive trash, debris, or other obstructions.	☐	☐
There are excessive sediment deposits at the outlet.	☐	☐
Discharge is causing undercutting, erosion or displaced rip-rap at or around the outlet.	☐	☐

OVERALL:

	YES	NO
Access to the facility or its components is adequate.	☐	☐
Fences are inadequate	☐	☐
Water levels in one or more cells are abnormally high or low.	☐	☐
Mosquito proliferation.	☐	☐
Encroachment on the filter or easement by buildings or other structures.	☐	☐
Safety signage is not adequate.	☐	☐

DESCRIBE REPAIRS NEEDED:	**Estimated Cost of Repairs**

Note: Provide pictures of area(s) before repairs and after repairs have been completed.

Estimated Repairs Completion Date:_____ **Total Estimated Cost of Repairs:**_____

ENGINEER'S INFORMATION:

Inspected By:_____P.E.

Firm:_____

Address:_____

_____

Phone:_____ Email:_____

Signature of P.E. _____

(must be by the P.E. performing the inspection)

Place signed/dated Professional Stamp

FACILITY OWNER INFORMATION:

Owner / Representative Name:_____ Title:_____

Address:_____

Actual Date All Repairs Completed:_____ **Actual Cost of All Repairs:**_____

Owner / Representative Signature:_____Phone:_____