BIORETENTION MAINTENANCE INSPECTION FORM

Facility Number: _____ Date: _____ Time: _____

Subdivision Name: _____ Watershed: _____

Weather: _____ Inspector(s): _____

Date of Last Rainfall: _____ Amount: _____ Inches Streets: _____

Mapbook Location: _____ GPS Coordinates: _____

Property Classification: Residential 9   Government 9   Commercial 9   Other: _____

Confined 9   Unconfined 9   Barrel Size _____   As-built Plan Available?   Yes 9   No 9

Is Facility Inspectable?   Yes 9   No 9   Why? _____   Comments Specific Location(s): _____

Scoring Breakdown:

N/A = Not Applicable	**1 = Monitor (potential for future problem exists)** *	**Use open space in each section to further explain scoring as needed**
N/I = Not Investigated	**2 = Routine Maintenance Required**	
0 = Not a Problem	**3 = Immediate Repair Necessary**	

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1. Outfall Channel(s) from Facility

Woody growth within 5' of outfall barrel	N/A	N/I	0	1	2	3
Outfall channel functioning	N/A	N/I	0	1	2	3
Manholes, frames and covers	N/A	N/I	0	1	2	3
Released water undercutting outlet	N/A	N/I	0	1	2	3
Erosion	N/A	N/I	0	1	2	3
Displaced rip rap	N/A	N/I	0	1	2	3
Excessive sediment deposits	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

2. Outlet / Overflow Spillway

Woody growth or unauthorized plantings	N/A	N/I	0	1	2	3
Erosion or back cutting	N/A	N/I	0	1	2	3
Soft or boggy areas	N/A	N/I	0	1	2	3
Obstructions / debris	N/A	N/I	0	1	2	3

3. Filter

Existing as required	No	Yes				
Sediment accumulation > 1"	No	Yes				
Ponding more than 2 days after rain	No	Yes				
Vegetation	N/A	N/I	0	1	2	3
Depth & material of layers	Depth: _____	Material: _____				
Sediment accumulation in soil bed	N/A	N/I	0	1	2	3
Oil/ chemical accumulation on soil bed	N/A	N/I	0	1	2	3
Filter fabric	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

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4. Underdrains

Broken	N/A	N/I	0	1	2	3	
Daylighted	N/A	N/I	0	1	2	3	
Clogging	N/A	N/I	0	1	2	3	

5. Pretreatment

Maintenance access	N/A	N/I	0	1	2	3	
Pretreatment a practice other than a stone diaphragm and/ or grass filter strip			No		Yes		Of so,_____(code)
Stone diaphragm level	N/A	N/I	0	1	2	3	
Stone diaphragm clogged with sediment/debris	N/A	N/I	0	1	2	3	
Grass filter strip erosion	N/A	N/I	0	1	2	3	
Evidence of short circuiting, rails/ gullies in filter strip			No		Yes		
Level spreader	N/A	N/I	0	1	2	3	
Other:	N/A	N/I	0	1	2	3	

6. Upland Characteristics

Excessive trash / debris	N/A	N/I	0	1	2	3	
Bare soil present	N/A	N/I	0	1	2	3	
Sand in parking lot	N/A	N/I	0	1	2	3	

7. Inflow Points

Number of inflow pipes:_____	Direction: N		E	W	S		
Endwalls, headwalls, end sections	N/A	N/I	0	1	2	3	
Inlet/ outflow pipes	N/A	N/I	0	1	2	3	
Discharge undercutting outlet or displacing rip-rap	N/A	N/I	0	1	2	3	
Discharge water is causing outfall to erode	N/A	N/I	0	1	2	3	
Sediment accumulation	N/A	N/I	0	1	2	3	

8. Special Structures

Manhole access (steps, ladders)	N/A	N/I	0	1	2	3	
Vehicular access	N/A	N/I	0	1	2	3	
Concrete/masonry condition	N/A	N/I	0	1	2	3	
Sediment / trash accumulation	N/A	N/I	0	1	2	3	
Manhole lockable nuts	N/A	N/I	0	1	2	3	

9. Miscellaneous

Encroachment in facility area and/or easement area by buildings	N/A	N/I	0	1	2	3	
Complaints from local residents	N/A	N/I	0	1	2	3	
Graffiti	N/A	N/I	0	1	2	3	
Public hazards	N/A	N/I	0	1	2	3	
Were any pad locks cut and replaced			No		Yes		How many?_____
Other:	N/A	N/I	0	1	2	3	

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<u>**Overall Condition of Facility**</u>

Total number of concerns receiving a: (1)_____ - **Need Monitoring**

(2)_____ - **Routine Repair**

(3)_____ - **Immediate Repair Needed**

Inspector's Summary

_____

_____

_____

_____

_____

_____

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_____

_____

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Pictures   **Clock/Degrees**

1. _____   _____

2. _____   _____

3. _____   _____

4. _____   _____

5. _____   _____

6. _____   _____

7. _____   _____

8. _____   _____

9. _____   _____

10. _____   _____

11. _____   _____

12. _____   _____

13. _____   _____

14. _____   _____

15. _____   _____

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Sketches, If Necessary:

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