



## Stormwater BMP Owner Inspection Form – Dry Detention

### City of Columbia, Missouri

Address: \_\_\_\_\_

Owner: \_\_\_\_\_

Legal: \_\_\_\_\_

Date: \_\_\_\_\_ E-mail: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_ - \_\_\_\_\_

#### I. GENERAL INSPECTION RESULTS

Item	Inspection Results				BMP's in General
1	<input type="checkbox"/>	Apparent problems	<input type="checkbox"/>	No problems	BMP does not appear to be well maintained.
2	<input type="checkbox"/>	Design flaws	<input type="checkbox"/>	No flaws	BMP observed to have significant design flaws which lessen its effectiveness.
3	<input type="checkbox"/>	Unauthorized modifications	<input type="checkbox"/>	No modifications	BMP has unauthorized modifications that reduce its effectiveness.
4	<input type="checkbox"/>	BMP removed	<input type="checkbox"/>	BMP present	BMP has been destroyed or removed from property.
5	<input type="checkbox"/>	Trash	<input type="checkbox"/>	No Trash	Trash and debris has accumulated on/in BMP. Yard waste in BMP.
6	<input type="checkbox"/>	Contaminated	<input type="checkbox"/>	Uncontaminated	Evidence of Oil, gasoline. Contaminants or other pollutants.
7	<input type="checkbox"/>	Smells	<input type="checkbox"/>	Doesn't smell	Unpleasant odors from the BMP.

#### II. BMP SPECIFIC INSPECTION RESULTS – DRY DETENTION

Item	Inspection Results				BMP : Dry Detention
1	<input type="checkbox"/>	Weeds	<input type="checkbox"/>	No weeds	Invasive, nuisance vegetation or weeds are present.
2	<input type="checkbox"/>	Brush/trees	<input type="checkbox"/>	Proper vegetation	Growth of brush and trees does not allow for proper maintenance. Dead, diseased, or dying trees are present. Tree growth on berms or emergency spillway >4' in height or covering more than 10% of spillway.
3	<input type="checkbox"/>	Sediment accumulated	<input type="checkbox"/>	No accumulated sediment	Sediment in storage areas, rock filters, and pond has reduced storage volume.

4	<input type="checkbox"/>	Erosion	<input type="checkbox"/>	No erosion	Eroded damage over two inches deep; potential for continued erosion; any erosion on a compacted berm embankment; soil from adjacent areas washes into/on BMP; continued erosion is prevalent.
5	<input type="checkbox"/>	Rodent holes	<input type="checkbox"/>	No rodent holes	If facility acts as a dam or berm, any evidence of rodent holes, or any evidence of water piping through dam or berm via rodent holes.
6	<input type="checkbox"/>	Insects	<input type="checkbox"/>	No insects	Wasps, hornets or bees interfere with maintenance activities. Excessive or nuisance levels.
7	<input type="checkbox"/>	Standing water	<input type="checkbox"/>	No standing water	Water is observed within the BMP (between storms) and appears not to drain freely or soil is excessively soggy. Excessive ponding of water within vegetated swale or other BMP.
8	<input type="checkbox"/>	Unleveled berm	<input type="checkbox"/>	Level berm	Unleveled internal berm dividing wet pond cells.
9	<input type="checkbox"/>	Contaminated	<input type="checkbox"/>	No contaminants	Prevalent and visible contaminants such as oil.
10	<input type="checkbox"/>	Clogged	<input type="checkbox"/>	Not clogged	Overflow or low flow orifice is clogged or obstructed with sediment and/or debris.
11	<input type="checkbox"/>	Spillway in disrepair	<input type="checkbox"/>	Open	Emergency spillway is obstructed, filled with sediment, eroded out, or in disrepair.
12	<input type="checkbox"/>	Rip rap needs repair	<input type="checkbox"/>	Rip rap in good condition	Rip rap is washed out or insufficient to handle discharges.
13	<input type="checkbox"/>	Forebay non-operational	<input type="checkbox"/>	Operating properly	Sediment forebay is either filled with sediment (greater than 50% of design depth), being bypassed, or does not exist
14	<input type="checkbox"/>	Trash racks need cleaning	<input type="checkbox"/>	Trash racks are clean	Debris has accumulated on trash racks.
15	<input type="checkbox"/>	Pipes/structural repairs needed	<input type="checkbox"/>	Pipes/structure are sound	Pipes and structures show signs of corrosion, spalls, leaks, deformation, crushing or other material failure.
16	<input type="checkbox"/>	Sediment in overflow	<input type="checkbox"/>	Overflow clear	Sediment has accumulated in overflow.
17	<input type="checkbox"/>	Dam needs repair	<input type="checkbox"/>	Dam is sound	The dam/embankment has visible signs of cracking, sliding, piping, leaking or bulging.
18	<input type="checkbox"/>	Slope protection failure	<input type="checkbox"/>	Slope protection adequate	Slope reinforcing has been eroded or otherwise damaged so that slope is unstable.

1. Is maintenance needed at this time?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. Are mosquitoes or mosquito larvae present?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. Maintenance items completed: _____		
_____		
_____		

Inspected by: \_\_\_\_\_  
Signature

\_\_\_\_\_

[Print Full Name]

FOR CITY USE ONLY - DO NOT FILL	
Date received : _____	Received By: _____
Comments/Corrective actions required:	