



Stormwater BMP Owner Inspection Form – Sand Filter

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 – SAND FILTER					
Item	Inspection Results				BMP : Sand Filter
1	<input type="checkbox"/>	Access cover problem	<input type="checkbox"/>	No access cover problem	Cover cannot be opened, corrosion/deformation of cover; maintenance person cannot remove cover using normal lifting pressure; cover is missing or partially in place.
2	<input type="checkbox"/>	Deteriorating paint	<input type="checkbox"/>	Paint is good	Part or parts have a rusting or scaling condition and have affected structural adequacy.
3	<input type="checkbox"/>	Sediment accumulated	<input type="checkbox"/>	No accumulated sediment	Sediment depth exceeds acceptable levels, (>50% of design depth)
4	<input type="checkbox"/>	Holding or sedimentation chamber dry	<input type="checkbox"/>	At normal pool	Holding or sedimentation chamber is leaking and not maintaining normal pool level.

5	<input type="checkbox"/>	Ineffective media	<input type="checkbox"/>	Media effective	Filter media ineffective in doing intended function and needs to be replaced; filter is beyond the typical average life of product.	
6	<input type="checkbox"/>	Visible liner damage	<input type="checkbox"/>	No liner damage	Liner is visible and has more than three 1/4-inch holes in it or is damaged.	
7	<input type="checkbox"/>	Compromised	<input type="checkbox"/>	Uncompromised	Membrane or roof structure is compromised by either roots and/or water discharge.	
8	<input type="checkbox"/>	Short circuiting	<input type="checkbox"/>	Normal flow	Seepage/flows occur along the vault walls and corners. Sand eroding near inflow area. Flows become concentrated over one section of the sand filter rather than disperse.	
9	<input type="checkbox"/>	Damaged pipes	<input type="checkbox"/>	No damage	Part of the piping is crushed, deformed, damaged, in need of repair or any other failure to the piping.	
10	<input type="checkbox"/>	Trash rack missing	<input type="checkbox"/>	Trash rack present	Trash racking is either missing or damaged.	
11	<input type="checkbox"/>	Sediment in pipes	<input type="checkbox"/>	Pipes clear	Drain pipes and/or cleanouts are full of sediment and/or debris.	
12	<input type="checkbox"/>	Vault damaged	<input type="checkbox"/>	Vault undamaged	Vault structure has cracks in walls, bottom, top slab. There is damage to frame.	
13	<input type="checkbox"/>	Damaged baffles	<input type="checkbox"/>	No damage	Baffles are corroded, cracked warped and or showing signs of failure.	
14	<input type="checkbox"/>	Oil accumulated	<input type="checkbox"/>	No Oil	Oil accumulations exceed 1-inch at the surface of the water	
15	<input type="checkbox"/>	Blocked air vents	<input type="checkbox"/>	Air vents open	One half of the cross section of a vent is blocked or the vent is damaged.	
16	<input type="checkbox"/>	Internal walls damaged	<input type="checkbox"/>	Internal walls are sound	Internal walls are corroded, cracked, warped, and/or showing signs of failure.	
17	<input type="checkbox"/>	Prolonged flows	<input type="checkbox"/>	Standard flow	Sand is saturated for prolonged periods of time (several weeks) and does not dry out between storms due to continuous base flow or prolonged flows from detention facilities.	
18	<input type="checkbox"/>	Erosion	<input type="checkbox"/>	No erosion	Erosion is evident at outlet/spillway	
19	<input type="checkbox"/>	Mosquitos	<input type="checkbox"/>	No mosquitos	Mosquitos or larvae are present in standing water.	
*(If an item in the left column is checked, corrective maintenance is required)						
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. Comments/Notes: _____ _____ _____						

Inspected by:

Signature

[Print Full Name]

FOR CITY USE ONLY - DO NOT FILL

Date received : _____ Received By: _____

Comments/Corrective actions required: