



Stormwater BMP Owner Inspection Form

Wet 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 – WET DETENTION | | | | | |
| Item | Inspection Results | | | | BMP : Wet Detention |
| 1 | <input type="checkbox"/> | Weeds | <input type="checkbox"/> | No weeds | Invasive, nuisance vegetation or weeds are present. |



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|----|--------------------------|-----------------------|--------------------------|-------------------------|--|
| 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 detention area has reduced storage volume significantly. |
| 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"/> | Unleveled berm | <input type="checkbox"/> | Level berm | Unleveled internal berm (if present) dividing wet pond cells. |
| 8 | <input type="checkbox"/> | Contaminated | <input type="checkbox"/> | No contaminants | Prevalent and visible contaminants such as oil. |
| 9 | <input type="checkbox"/> | Clogged | <input type="checkbox"/> | Not clogged | Overflow or low flow orifice is clogged or obstructed with sediment and/or debris. |
| 10 | <input type="checkbox"/> | Spillway in disrepair | <input type="checkbox"/> | Open | Emergency spillway is obstructed, filled with sediment, eroded out, or in disrepair. |



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|----|--------------------------|---------------------------------|--------------------------|---------------------------|---|
| 11 | <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. |
| 12 | <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 |
| 13 | <input type="checkbox"/> | Trash racks need cleaning | <input type="checkbox"/> | Trash racks are clean | Debris has accumulated on trash racks. |
| 14 | <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. |
| 15 | <input type="checkbox"/> | Sediment in overflow | <input type="checkbox"/> | Overflow clear | Sediment has accumulated in overflow. |
| 16 | <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. |
| 17 | <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. |



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| | | |
|---|------------------------------|-----------------------------|
| 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 needed/completed: _____ _____ _____ | | |
| Return completed form by either of the following: <ul style="list-style-type: none">Email – stormwaterbmp@como.gov (<i>preferred method</i>)Mail – City of Columbia Stormwater Utility, P.O. Box 6015, Columbia, MO 65205-6015 For questions, call (573) 441-5530. | | |

Inspected by: _____

Signature

[Print Full Name]

FOR CITY USE ONLY - DO NOT FILL

| | |
|-----------------------|-----------------------|
| Date received : _____ | Received By: _____ |
|-----------------------|-----------------------|

Comments/Corrective actions required: