# MESA COUNTY

## Mesa County Stormwater Division
P.O. Box 20000, Dept 5013, Grand Junction, CO 81502
Ph. 970-263-7401 stormwater.mesacounty.us

# Attachment "A"
# Bioretention Operation and Maintenance Inspection Report

Project Name: _____     Inspection Date: _____

MC Permit #: _____     Recent Rainfall Date: _____

Property Tax ID Number: _____

CM Name: _____     Rainfall Depth (in): _____

Inspector Name: _____

Inspector Company: _____

**Code Key:**
N/A = Not Applicable          M = Monitor (potential for future problem)
NP = Not a Problem            WN = Work Needed

| Potential Problem | Code | Comments |
|---|---|---|
| **Entire CM** | | |
| Trash/debris is present | _____ | _____ |
| **Perimeter of the Bioretention Cell** | | |
| Bare soil/erosive gullies | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Inlet Device: Pipe, stone verge or swale** | | |
| The pipe is clogged (if applicable) | _____ | _____ |
| The pipe is cracked or other wise damaged | _____ | _____ |
| Erosion is occurring in the swale (if applicable) | _____ | _____ |
| Stone verge clogged or covered in sediment | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Pretreatment Area** | | |
| Sediment accumulation ( greater than 3") | _____ | _____ |
| Erosion gullies present | _____ | _____ |
| Invasive vegetation | _____ | _____ |
| Flow is bypassing pretreatment | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Bioretention cell: vegetation** | | |
| Pruning needed for optimal plant health | _____ | _____ |
| Plants are dead, diseased, or dying | _____ | _____ |
| Tree stakes/wires are present 6 months after planting | _____ | _____ |
| Other (describe) | _____ | _____ |

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| Potential Problem | Code | Comments |
|---|---|---|
| **Bioretention cell: soils and mulch** | | |
| Mulch is breaking down or floated away | _____ | _____ |
| Soils/mulch clogged with sediment | _____ | _____ |
| Low soil pH/heavy metals accumulation (Per Soil Test) | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Underdrain System (If applicable)** | | |
| Clogging has occurred | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Drop Inlet** | | |
| Clogging has occurred | _____ | _____ |
| Drop inlet is damaged | _____ | _____ |
| Debris on trash rack | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Receiving Water** | | |
| Erosion or other signs of damage at the outlet | _____ | _____ |
| Other (describe) | _____ | _____ |
| **Miscellaneous** | | |
| Access | _____ | _____ |
| Vandalism | _____ | _____ |
| Signage (if applicable) | _____ | _____ |
| Other (describe) | _____ | _____ |

## Photographs

Attach digital photographs of the site and structural BMPs including a caption describing the photo.

**Additional Comments**