



Stormwater Control Measure Inspection Forms

Inspection and Maintenance Guide Attachment B

Inspection forms are provided for the following SCMs:

1. Bioretention (Rain Garden)
2. Constructed Wetland/Retention Pond
3. Extended Detention Basin (EDB)
4. Grass Buffer/Grass Swale
5. Permeable Pavement
6. Sand Filter
7. Underground/Proprietary SCM



Bioretention (Rain Garden) Inspection Form

This inspection form shall be completed annually, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:
 0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3: Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Inflow Point		
A Sediment/trash/debris removal		
B Runoff doesn't enter inlet due to elevation or obstruction		
C Erosion/structural damage		
2 Forebay/Energy Dissipation		
A Sediment/trash/debris removal		
B Drain pipe/weir clogged		
3 Filter Media		
A Evidence of clogged media		
B Uneven grading/mounding of landscape material		
4 Underdrain		
A Evidence of clogged underdrain		
B Cleanout caps missing/access obstructed		
C Underdrain orifice plate obstructed or missing		
5 Outlet Structure		
A Outlet overflow elevation/depth insufficient		
B Flow control/drain pipe clogged		
6 Embankments/Containment Walls		
A Sparse vegetation/erosion present		
B Structural damage		
C Encroachment into facility/easement by other activities		
7 Vegetation		
A Dead/unhealthy vegetation		
B Overgrowth of weeds		
C Irrigation system broken/inadequate		
8 Other		
A Nuisance observed (odor, insects, etc)		
B Complaints on facility condition received		
C Other:		
D Other:		

3. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	

Refer to the Colorado Stormwater Center (<http://stormwatercenter.colostate.edu>) Inspection and Maintenance Field Guide, Sand Filters/Bioretention section (p. 29 - 46) for further description on inspection items.



Constructed Wetland/Retention Pond Inspection Form

This inspection form shall be completed annually, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:

0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3. Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Inflow Point		
A Sediment/trash/debris removal		
B Vegetation removal		
C Erosion/structural damage		
2 Forebay		
A Sediment/trash/debris removal		
B Drain pipe/weir clogged		
4 Permanent Pool		
A Sediment/trash/debris removal		
B Mosquitos/algae treatment		
C Oil/chemical sheens		
5 Outlet Structure		
A Trash rack/orifice plate clogging		
B Trash rack/orifice plate missing/removed		
C Sediment/trash/debris removal		
6 Embankment/Containment Wall		
A Sparse vegetation/erosion present		
B Structural damage		
C Encroachment into facility/easement by other activities		
7 Vegetation		
A Dead/unhealthy wetland vegetation		
B Overgrowth of weeds/wetland vegetation		
8 Other		
A Nuisance observed (odor, insects, etc)		
B Complaints on facility condition received		
C Other:		
D Other:		

3. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	



Extended Detention Basin (EDB) Inspection Form

This inspection form shall be completed annually, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:

0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3: Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Inflow Point		
A Sediment/trash/debris removal		
B Vegetation removal		
C Erosion/structural damage		
2 Forebay		
A Sediment/trash/debris removal		
B Drain pipe/weir clogged		
3 Trickle Channel (Basin Bottom)		
A Sediment/trash/debris removal		
B Woody vegetation removal		
C Erosion/structure damage		
4 Micropool		
A Sediment removal		
B Mosquitos/algae treatment		
C Oil/chemical sheens		
5 Outlet Structure		
A Trash rack/orifice plate clogging		
B Trash rack/orifice plate missing/removed		
C Sediment/trash/debris removal		
6 Embankment/Containment Wall		
A Sparse vegetation/erosion present		
B Structural damage		
C Encroachment into facility/easement by other activities		
7 Other		
A Nuisance observed (odor, insects, etc)		
B Complaints on facility condition received		
C Other:		
D Other:		

3. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	



Grass Buffer/Grass Swale Inspection Form

This inspection form shall be completed annually, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:

0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3. Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Inflow Point		
A Sediment/trash/debris removal		
C Erosion/structural damage		
2 Swale Bottom/Side Slopes/Buffer Area		
A Sediment/trash/debris removal		
B Erosion present		
C Standing water/boggy areas		
D Unlevel/uneven distribution of flow		
3 Vegetation		
A Dead/unhealthy grass		
B Overgrowth of weeds or excessive grass height		
C Irrigation system broken/inadequate		
4 Underdrain (if applicable)		
A Evidence of clogged underdrain		
B Cleanouts caps missing/access obstructed		
5 Outlet Point		
A Sediment/trash/debris removal		
B Erosion/structural damage		
6 Other		
A Encroachment into facility/easement by other activities		
B Nuisance observed (odor, insects, etc)		
C Complaints on facility condition received		
D Other:		
E Other:		

3. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	



Permeable Pavement Inspection Form

This inspection form shall be completed annually, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:
 0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3. Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Pavement Surface		
A Sediment/debris buildup, lack of routine cleaning		
B Failure of infiltration test/evidence of clogging		
C Structural damage to pavers/concrete/curb		
2 Pavement Joints		
C Joint aggregate missing (more than 1/2" below paver)		
D Joint aggregate improper size (ASTM 8, 9, or 89)		
C Weed growth in pavement joints		
3 Underdrain		
A Evidence of clogged underdrain		
B Cleanouts caps missing/access obstructed		
C Underdrain orifice plate obstructed or missing		
4 Outlet Connection/Overflow		
A Drain pipe/weir clogged		
5 Other		
A Encroachment into facility/easement by other activities		
B Nuisance observed (odor, insects, etc)		
C Complaints on facility condition received		
D Other:		
E Other:		

3. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	



Sand Filter Inspection Form

This inspection form shall be completed annually, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:
 0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3. Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Inflow Point		
A Sediment/trash/debris removal		
B Runoff doesn't enter inlet due to elevation or obstruction		
C Erosion/structural damage		
2 Forebay/Energy Dissipation		
A Sediment/trash/debris removal		
B Drain pipe/weir clogged		
3 Filter Media		
A Evidence of clogged media		
B Uneven grading/mounding of landscape material		
4 Underdrain		
A Evidence of clogged underdrain		
B Cleanout caps missing/access obstructed		
C Underdrain orifice plate obstructed or missing		
5 Outlet Structure		
A Outlet overflow elevation/depth insufficient		
B Flow control/drain pipe clogged		
6 Embankments/Containment Walls		
A Sparse vegetation/erosion present		
B Structural damage		
C Encroachment into facility/easement by other activities		
7 Vegetation		
A Overgrowth of weeds		
8 Other		
A Nuisance observed (odor, insects, etc)		
B Complaints on facility condition received		
C Other:		
D Other:		

1. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	



Underground/Proprietary SCM Inspection Form

This inspection form shall be completed every 3 months, kept for a minimum of five years, and made available to the City of Boulder upon request.

1. Facility Information			
Property Name:			
Address:			
Owner Name:		Owner Phone:	
Inspector Name:		Inspector Phone:	
Inspector Company:		Date:	

2. Inspection Findings

For each inspection item, provide one of the following scores:

0: No deficiency identified, 1: Monitor (potential future problem), 2: Routine maintenance needed, 3. Immediate repair needed, N/A: Not applicable

Inspection Item	Score	Comment/Description
1 Sediment Storage/Sump		
A Storage capacity exceeded, lack of routine cleaning		
B Sediment/debris buildup, record accumulated depth		
2 Filter/Separator		
A Buildup of oil/sheen		
B Oil/grit separator broken/missing		
C Filter cartridge missing/needs replacement		
3 Structure		
A Evidence of clogging/lack of drainage		
B Structural damage to device/connections		
C Maintenance access damaged		
7 Other		
A Manufacturer maintenance instruction observations		
B Encroachment into facility/easement by other activities		
C Nuisance observed (odor, insects, etc)		
D Complaints on facility condition received		
E Other:		
F Other:		

3. Maintenance Actions

Maintenance actions completed or scheduled as part of inspection.

Maintenance Action	Date
1	
2	
3	