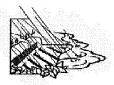


APPENDIX B: PRIVATE STORMWATER MANAGEMENT FACILITY INSPECTION FORMS & PHOTOGRAPHS

TYLin (225740) Woodard & Curran SWMP January 2013

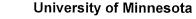


University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Dry Ponds

Inspector's Name(s): Ashley Auger & Mat Hardison
Date of Inspection: 8/6/2012
Location of the wet pond: Fundy Circle Pond 1
Address or Intersection: Fundy Rd.
Latititude, Longitude: 43.717327, -70.230140
Date the wet pond began operation: 2002
Wet pond dimensions. Depth (ft.): 1/3'
Area (ft. x ft.)150' x 30'
Time since last rainfall (hr): 6
Quantity of last rainfall (in): 0.2"
Rainfall Measurement Location:



Site Sketch (include inlets, outlets, north arrow, etc.)	
	2
Owner (24) L	1
TO POND Z	INLET 1 (24")

Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before? □ Yes □ No □ I don't know
 - 1. a) If yes, enter date:_____
 - 1. b) Based on previous visual inspections, have any corrective actions been taken?

 □ Yes □ No □ I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? ☐ Yes ☐ No ☐ I don't know
- 3. Access
 - 3. a) Access to the dry pond is:
 - ☑ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 3. b) If obstructed, the obstruction is (choose and provide comments) :
 - □ temporary and □ no action needed or □ action needed
 - □ permanent and □ before or during installation or □ new since installation
 - 3. c) Access to the upstream and downstream drainage is:
 - Clear
 Partially obstructed
 Mostly obstructed
 Inaccessible
 - 3. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - □ permanent <u>and</u> □ before or during installation <u>or</u> □ new since installation

Commen	ts
--------	----

Vegetation cover 80%

Good Length to width ratio; inlet perpendicular to pond flow

4.	Inlet	Structures
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4. a) How many	y inlet	structures are	present?	□ 0	☑1	□ 2	□ 3	□ 4	□ 5	□ >	. 5
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4. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

	Inlet #: 1	Inlet #:	Inlet #:	Inlet #:	Inlet #:
Partially					
Completely	Sediment				
Not Applicable					

4. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #:				
Reason					

- - 5. a) If yes, does the water have:
 - ☑ Surface sheen (from oils or gasoline)
 - ☑ Murky color (from suspended solids)
 - ☐ Green color (from algae or other biological activity)
 - □ Other (describe In comment box)
- 6. Is there evidence of illicit storm sewer discharges?
 - ☐ Yes ☐ No ☐ I don't know (if yes, describe in comment box)
- 7. Are there indications of any of the following in the dry pond? (If yes, mark on site sketch)
 - Sediment deposition
 - ☐ Erosion or channelization
 - ☑ Excessive or undesirable vegetation (that needs mowing or removal)
 - ☐ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other
 - □ No
 - 7. a) If sediment deposition is evident, what is the source?
 - $\hfill\Box$ Erosion or channelization inside the dry pond
 - □ Erosion or channelization outside the dry pond
 - □ Construction site erosion
 - □ Other
 - ☑Unknown

University of Minnesota

Comments

Water in parking lot CB leading to Pond 1 had oily sheen

Major cattail growth within pond

About 1' of deposited sediment in pond

Inlet to Pond 1 almost completely plugged with sediment and plant growth

Spoke with local who stated that residents of Fundy Rd. "don't want to get rid of cattails."

Local (an employee of Normandeau Associates) also informed that the ponds had been dredged twice since construction.

	Sedimentation Pra	actices				
8.	Are there indication □ Erosion or chan □ Soil slides or bu □ Excessive anim □ Seeps and wet □ Poorly vegetate □ Trees on constr	inelization ilges al burrows spots d areas	Ī	on the banl	ks of the dry	pond:
	Are any outlet or ov 9. a) If yes, specify		material (i.e	e. debris, se	ediment, veg	□ Completely □ NA petation, etc.) in the box below.
			Outlet #:	Outlet #:	Outlet #:	
	<u> </u>	Material				1
		ial or Comp.	<i>c</i> , , ,		<u> </u>	1,, , , , , , , ,
						ed from the original design or
	otnerwise in ne	ed of mainter			Contraction of the Contraction o	st heave, vandalism, unknown, etc.)
			Outlet #:	Outlet #:	Outlet #:	
		Reason				
10	D. Inspector's Recom ☐ Before the next ☐ Before the next ☐ Within a year or ☐ No sign that any	rainfall rainy season two		naintenance	e needed?	

University of Minnesota										
	Comments									
		l								
		- 1								
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		ı								
		I								
		ı								

Fundy Circle (Dry Detention Basin 1) Parcel ID: U11-035C



Fundy Circle (Dry Detention Basin 1) Parcel ID: U11-035C

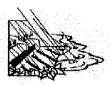


Fundy Circle (Dry Detention Basin 1) Parcel ID: U11-035C



Fundy Circle (Dry Detention Basin 1) Parcel ID: U11-035C



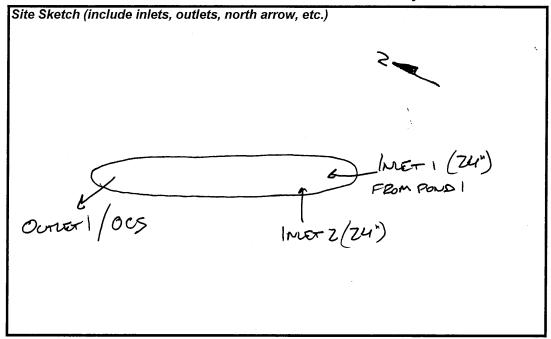


University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Dry Ponds

Inspector's Name(s): Ashley Auger & Mat Hardison
Date of Inspection: 8/6/2012
Location of the wet pond: Fundy Circle Pond 2
Address or Intersection: Fundy Rd.
Latititude, Longitude: 43.717658, -70.230104
Date the wet pond began operation: 2002
Wet pond dimensions. Depth (ft.): 1/3'
Area (ft. x ft.) 110' x 25'
Time since last rainfall (hr): 6
Quantity of last rainfall (in): 0.2"
Rainfall Measurement Location:



Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before? □ Yes □ No □ I don't know
 - 1. a) If yes, enter date:
 - 1. b) Based on previous visual inspections, have any corrective actions been taken?

 □ Yes □ No □ I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? ☐ Yes ☐ No ☐ I don't know
- 3. Access
 - 3. a) Access to the dry pond is:
 - 3. b) If obstructed, the obstruction is (choose and provide comments) :
 - $\ \square$ temporary $\ \underline{and}\ \square$ no action needed $\underline{or}\ \square$ action needed
 - $\ \square$ permanent $\ \underline{and}\ \square$ before or during installation $\ \underline{or}\ \square$ new since installation
 - 3. c) Access to the upstream and downstream drainage is:
 - ☐ Clear ☐ Partially obstructed ☐ Mostly obstructed ☐ Inaccessible
 - 3. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - □ permanent and □ before or during installation or □ new since installation

Comments

Vegetation cover 90%

Two Inlets, one from parking lot CB and the other from Pond 1

Good Length to Width ratio; inlet 2 perpendicular to pond flow

4. а) How man	y inlet	structures a	are	present?	□ 0	□ 1	☑2	□ 3	□ 4	□ 5	□ >	> 5
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4. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

					
	Inlet #: 1	Inlet #: 2	Inlet #:	Inlet #:	Inlet #:
Partially	Sediment	Sediment			
Completely					
Not Applicable					

4. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #:				
Reason					

- 5. Is there standing water in the dry pond? ☐Yes □ No
 - 5. a) If yes, does the water have:
 - ☑ Surface sheen (from oils or gasoline)
 - ☑ Murky color (from suspended solids)
 - ☐ Green color (from algae or other biological activity)
 - □ Other (describe In comment box)
- 6. Is there evidence of illicit storm sewer discharges?
 - ☐ Yes ☐ No ☐ I don't know (if yes, describe in comment box)
- 7. Are there indications of any of the following in the dry pond? (If yes, mark on site sketch)
 - ☑ Sediment deposition
 - □ Erosion or channelization
 - ☑ Excessive or undesirable vegetation (that needs mowing or removal)
 - □ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other
 - □ No
 - 7. a) If sediment deposition is evident, what is the source?
 - □ Erosion or channelization inside the dry pond
 - □ Erosion or channelization outside the dry pond
 - □ Construction site erosion
 - □ Other
 - ☑Unknown

University of Minnesota

Comments

Both inlets are mostly open for flow, partial sedimentation

Major cattail growth within pond

About 1' of deposited sediment in pond

Outlet overflow trash rack free of debris

Spoke with local who stated that residents of Fundy Rd. "don't want to get rid of cattails."

Local also stated that Pond 2 had "been dredged a couple of times"

Local was employee of neighboring Normandeau Associates office.

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UCL	11111101	Lauvii	ı ıaı	วเเบตอ

8. Are there indications of any of the following on the banks of the dry ր	pond:
□ Erosion or channelization	
□ Soil slides or bulges	

- □ Seeps and wet spots
- □ Poorly vegetated areas
- ☑ Trees on constructed slopes

□ Excessive animal burrows

- 9. Are any outlet or overflow structures clogged? ☑ No ☐ Partially ☐ Completely ☐ NA
 - 9. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below.

	Outlet #:	Outlet #:	Outlet #:
Material			
Partial or Comp.			

9. b) Are any of the outlet or overflow structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Outlet #:	Outlet #:	Outlet #:
Reason			

- 10. Inspector's Recommendations. When is maintenance needed?
 - ☐ Before the next rainfall
 - □ Before the next rainy season
 - □ Within a year or two
 - □ No sign that any is required

University of Minnesota

	Comments
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Fundy Circle (Dry Detention Basin 2) Parcel ID: U11-035C



Fundy Circle (Dry Detention Basin 2) Parcel ID: U11-035C



Fundy Circle (Dry Detention Basin 2) Parcel ID: U11-035C



Fundy Circle (Dry Detention Basin 2) Parcel ID: U11-035C

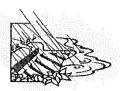


Fundy Circle (Dry Detention Basin 2) Parcel ID: U11-035C



Fundy Circle (Dry Detention Basin 2) Parcel ID: U11-035C



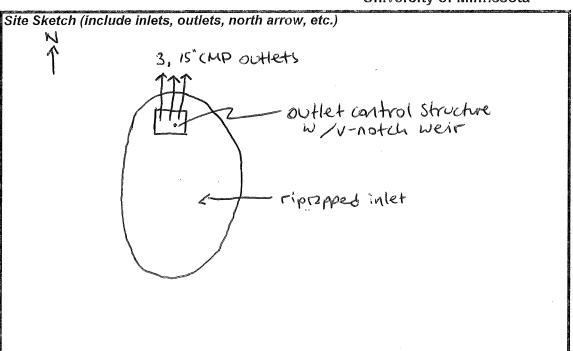


University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Dry Ponds

Inspector's Name(s): Ashley Auger & Zach Henderson
Date of Inspection: 10/30/2012
Location of the wet pond: Off of Fundy Road, next to USF&W
Address or Intersection: Fundy Rd.
Latititude, Longitude: 43.717664, -70.231494
Date the wet pond began operation: Unknown
Wet pond dimensions. Depth (ft.):Unknown
Area (ft. x ft.)1300 SF
Time since last rainfall (hr):1
Quantity of last rainfall (in):0.81"
Rainfall Measurement Location:



Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before? ☐ Yes ☐ No ☐ I don't know
 - 1. a) If yes, enter date:
 - 1. b) Based on previous visual inspections, have any corrective actions been taken?
 - ☐ Yes ☐ No ☐ I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? ☐ Yes ☐ No ☐ I don't know
- 3. Access
 - 3. a) Access to the dry pond is:
 - ☑ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 3. b) If obstructed, the obstruction is (choose and provide comments):
 - $\hfill\Box$ temporary \hfill \hfill no action needed \hfill \hfill action needed
 - $\ \square$ permanent $\ \underline{and}\ \square$ before or during installation $\ \underline{or}\ \square$ new since installation
 - 3. c) Access to the upstream and downstream drainage is:
 - ☑ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 3. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - \Box permanent <u>and</u> \Box before or during installation <u>or</u> \Box new since installation

Co	om	ım	en	ts

Vegetation Cover 80%

Good Length to Width Ration; inlet perpendicular to pond flow

Sedimentation F	ractices	·							University of Min	nesota
1. Inlet Structures									Comments	
4. a) How many ir 4. b) Are any of th fill in boxes be		es clogge	ed? (If yes, i	mark locatio	n on site sk	etch above a	and			
		Inlet#:	Inlet#:	Inlet #:	Inlet #:	Inlet #:				
	Partially									
	Completely						_			
	Not Applicable									
4. c) Are any of th	e inlet structur intenance? (if y							ı		
		Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet #:	7		•	
	Reason				}					
□ Other (desc 3. Is there evidence □ Yes ☑ No □	of illicit storm s	nt box) sewer disc	charges?		-					
7. Are there indication Sediment dep Erosion or cha Excessive or la Bare soil or la Litter or debris Other No 7. a) If sediment of	ons of any of the osition annelization undesirable vector of healthy vector of healthy vector is even hannelization in hannelization of the osition of the o	e following getation (to egetation what wident, what is not be for the following the f	g in the dry that needs i significantly at is the sou	pond? (If ye mowing or roy different fro	emoval)					

Sedimentation Practices	University of Minnesota
8. Are there indications of any of the following on the banks of the dry pond: □ Erosion or channelization □ Soil slides or bulges □ Excessive animal burrows □ Seeps and wet spots □ Poorly vegetated areas □ Trees on constructed slopes	Comments
9. Are any outlet or overflow structures clogged? □ No ☑ Partially □ Completely □ NA 9. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below. Outlet #: Outlet #: Outlet #: Material Partial or Comp. 9. b) Are any of the outlet or overflow structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.) Outlet #: Outlet #: Outlet #: Reason	The V-notch weir is partially clogged with sediment
10. Inspector's Recommendations. When is maintenance needed? □ Before the next rainfall □ Before the next rainy season □ Within a year or two □ No sign that any is required	The outlet control structure should be cleaned

Fundy Road (Dry Detention Basin 3) Parcel ID: U11-035D



Fundy Road (Dry Detention Basin 3) Parcel ID: U11-035D



Fundy Road (Dry Detention Basin 3) Parcel ID: U11-035D

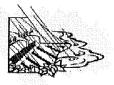


Fundy Road (Dry Detention Basin 3) Parcel ID: U11-035D



Fundy Road (Dry Detention Basin 3) Parcel ID: U11-035D





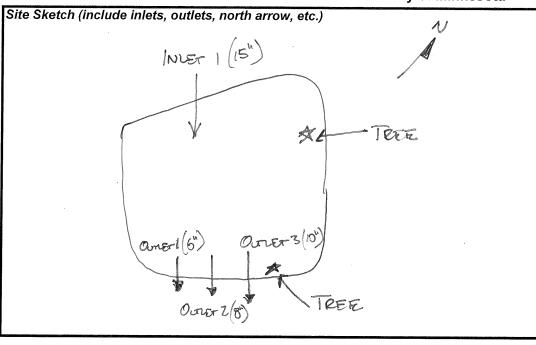
University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Dry Ponds

Inspector's Name(s): Zach Henderson, Ashley Auger & Mat Hardison
Date of Inspection: 8/6/2012
Location of the wet pond: Maine Med, located near entrance
Address or Intersection: 5 Bucknam Rd
Latititude, Longitude: 43.726382, -70.232801
Date the wet pond began operation:1995
Wet pond dimensions. Depth (ft.):1-1.5'
Area (ft. x ft.) 80 x 160
Time since last rainfall (hr): _6
Quantity of last rainfall (in):0.2"
Rainfall Measurement Location:

University of Minnesota



Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before? ☐ Yes ☐ No ☐ I don't know
 - 1. a) If yes, enter date:
 1. b) Based on previous visual inspections, have any corrective actions been taken?
 □ Yes □ No ☑I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? Types Do Do I don't know
- 3. Access
 - 3. a) Access to the dry pond is:
 - ☐ Clear ☐ Partially obstructed ☐ Mostly obstructed ☐ Inaccessible
 - 3. b) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary <u>and</u> □ no action needed <u>or</u> □ action needed
 - $\ \square$ permanent $\ \underline{and}\ \square$ before or during installation $\ \underline{or}\ \square$ new since installation
 - 3. c) Access to the upstream and downstream drainage is:
 - ☐ Clear ☐ Partially obstructed ☐ Mostly obstructed ☐ Inaccessible
 - 3. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - permanent <u>and</u> before or during installation <u>or</u> new since installation

Comments

Vegetation cover 50%

No major sediment desposited at inlet

Good vegetation growth

No visible signs of erosion

Security fence with gate around perimeter of pond

1-1.5' water depth

4. a) How many inlet structures are	present?	□ 0	☑1	□ 2	□ 3	□ 4	□ 5	-	. 5
-------------------------------------	----------	-----	----	-----	-----	-----	-----	---	-----

4. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

	Inlet #: 1	Inlet #:	Inlet #:	Inlet #:	Inlet #:
Partially					
Completely					
Not Applicable					

4. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #:				
Reason					

5.	ls	there	standing	water	in	the dry	pond?	 Yes	□ No
----	----	-------	----------	-------	----	---------	-------	-------------	------

- 5. a) If yes, does the water have:
 - □ Surface sheen (from oils or gasoline)
 - ☑ Murky color (from suspended solids)
 - □ Green color (from algae or other biological activity)
 - □ Other (describe In comment box)
- 6. Is there evidence of illicit storm sewer discharges?
 - ☐ Yes ☐ No ☐ I don't know (if yes, describe in comment box)
- 7. Are there indications of any of the following in the dry pond? (If yes, mark on site sketch)
 - □ Sediment deposition
 - □ Erosion or channelization
 - □ Excessive or undesirable vegetation (that needs mowing or removal)
 - □ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other
 - ☑ No
 - 7. a) If sediment deposition is evident, what is the source?
 - □ Erosion or channelization inside the dry pond
 - □ Erosion or channelization outside the dry pond
 - □ Construction site erosion
 - □ Other
 - □ Unknown

University of Minnesota

Comments

Major cattail growth within pond

No mowing seems to have taken place

Landscaping waste had been disposed of within the discharge area, which could be contributing nutrients to the stormwater

Sed	limen	tation	Prac	tices

Gedifficitation Fractices							
B. Are there indications of any of the following on the banks of the dry pond: □ Erosion or channelization □ Soil slides or bulges □ Excessive animal burrows □ Seeps and wet spots □ Poorly vegetated areas □ Trees on constructed slopes							
9. Are any outlet or overflow structures clogged? □ No ☑Partially □ Completely □ NA 9. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below.							
Outlet #:1 Outlet #: Outlet #:							
Material See Note							
Partial or Comp.							
9. b) Are any of the outlet or overflow structures askew or misaligned from the original design or							

otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

Outlet #: Outlet #:

10	Inspector's	Recommendations.	When is	maintenance	needed?
10.	IIIODECIOI S	1\ccommendations.	441101119	manitenance	HEEGEU!

Reason

Outlet #:

- □ Before the next rainfall
- □ Before the next rainy season
- □ Within a year or two
- □ No sign that any is required

University of Minnesota

Co	m	m	er	nts

Lowest outlet (6" INV. 48.00) submereged, appears to be somewhat clogged. Small flow coming out at the end of the pipe

No emergency spillway

Numerous animal burrows throughout pond berm

Maine Med (Dry Detention Basin) Parcel ID: U58-010



Maine Med (Dry Detention Basin) Parcel ID: U58-010



Maine Med (Dry Detention Basin) Parcel ID: U58-010



Maine Med (Dry Detention Basin) Parcel ID: U58-010



Maine Med (Dry Detention Basin) Parcel ID: U58-010

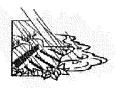


Maine Med (Dry Detention Basin) Parcel ID: U58-010



Maine Med (Dry Detention Basin) Parcel ID: U58-010



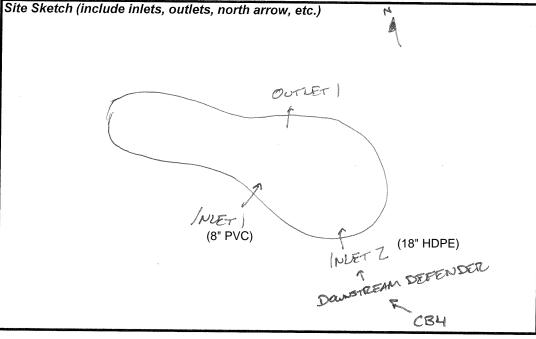


University of Minnesota

Stormwater Treatment: **Assessment and Maintenance**

Field Data Sheet for Level 1 Assessment: Visual Inspection **Dry Ponds**

ketch (include inlets, outlets, north arrow, etc.)	14	
•	A	
	\	



Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before?

 Yes

 No

 I don't know
 - 1. a) If yes, enter date:
 - 1. b) Based on previous visual inspections, have any corrective actions been taken? ☐ Yes ☐ No ☐ I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? ☐ Yes ☐ No ☐ I don't know
- 3. Access
 - 3. a) Access to the dry pond is:
 - ☑ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 3. b) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - □ permanent <u>and</u> □ before or during installation <u>or</u> □ new since installation
 - 3. c) Access to the upstream and downstream drainage is:
 - Clear

 Partially obstructed

 Mostly obstructed

 Inaccessible
 - 3. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - □ permanent and □ before or during installation or □ new since installation

Comments

University of Minnesota

Vegetation cover 60%

Downstream Defender in place prior to discharge from CB4

Grassed Maintenance access to outlet

Poor length to width ratio

Sedi	men	tation	Prac	ticae
Ocui		папоп	riac	いしせる

4	In	let.	Stri	ıctı	Ires

4. a	How man (y inlet structures	are present?	□ 0	□ 1	⋈ 2	□ 3	4	□ 5	□ >	Ę
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4. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

	Inlet #: 1	Inlet #: 2	Inlet #:	Inlet #:	Inlet #:
Partially	Sediment				
Completely					
Not Applicable					

4. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #: 2	Inlet #:	Inlet #:	Inlet #:	Inlet #:
Reason	See Note				

5.	ls	there	standing	water in	the o	dry	pond?		
----	----	-------	----------	----------	-------	-----	-------	--	--

- 5. a) If yes, does the water have:
 - ☐ Surface sheen (from oils or gasoline)
 - ☑ Murky color (from suspended solids)
 - ☐ Green color (from algae or other biological activity)
 - ☐ Other (describe In comment box)
- 6. Is there evidence of illicit storm sewer discharges?
 - ☐ Yes ☐ No ☐ I don't know (if yes, describe in comment box)
- 7. Are there indications of any of the following in the dry pond? (If yes, mark on site sketch)
 - ☑ Sediment deposition
 - □ Erosion or channelization

 - □ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other
 - □ No
 - 7. a) If sediment deposition is evident, what is the source?
 - □ Erosion or channelization inside the dry pond
 - □ Erosion or channelization outside the dry pond
 - □ Construction site erosion
 - □ Other
 - ☑Unknown

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Comments

Inlet 2 from CB4 has a tree growing on top of it. Makes access limited for maintenance

Major cattail growth within pond

Approx. 6" of sediment buildup in pond

Sed	lim	ent:	atio	n P	ract	ires
OCU	11111		นแบ	11 1	101.1	11.55

8. Are there indications of any of the following on the banks of the dry pond:	
□ Erosion or channelization	
□ Soil slides or bulges	
□ Excessive animal burrows	

- □ Seeps and wet spots
- □ Poorly vegetated areas
- □ Trees on constructed slopes
- 9. Are any outlet or overflow structures clogged? \square No \square Partially \square Completely \square NA
 - 9. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below.

	Outlet #:	Outlet #:	
Material			
Partial or Comp.			

9. b) Are any of the outlet or overflow structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Outlet #:	Outlet #:	Outlet #:
Reason			

- 10. Inspector's Recommendations. When is maintenance needed?
 - □ Before the next rainfall
 - □ Before the next rainy season
 - □ Within a year or two
 - □ No sign that any is required

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U	O	m	m	е	าts

- 1 Outlet Control Structure. View inside the structure was inaccessible, appears to be unobstructed.
- 1 Emergency Spillway with wooden berm/weir.

Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



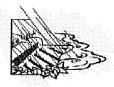
Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Morong Service Center (Dry Detention Basin) Parcel ID: U52-001B



Sedimentation Practices



University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Dry Ponds

Inspector's Name(s): Zach Henderson, Ashley Auger & Mat Hardison
Date of Inspection: 8/6/2012
Location of the wet pond: Shopping Center (Shaws)
Address or Intersection: Route 1
Latititude, Longitude: 43.722217 -70.229980
Date the wet pond began operation:2005
Wet pond dimensions. Depth (ft.):1/3'
Area (ft. x ft.)60' x 90'
Time since last rainfall (hr): 6
Quantity of last rainfall (in):0.2"
Rainfall Measurement Location:

University of Minnesota

Site Sketch (include inlets, outlets, north arrow, etc.)	
INTER) (18" AMDRE)	
OUTLET (V-notch weie)	

Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before? ☐ Yes ☐ No ☐ I don't know
 - 1. a) If yes, enter date:
 - 1. b) Based on previous visual inspections, have any corrective actions been taken?

 □ Yes □ No ☑ I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? ☐ Yes ☐ No ☐ I don't know
- 3. Access
 - 3. a) Access to the dry pond is:
 - □ Clear □ Partially obstructed ☑ Mostly obstructed □ Inaccessible
 - 3. b) If obstructed, the obstruction is (choose and provide comments):
 - \Box temporary <u>and</u> \Box no action needed <u>or</u> \Box action needed

permanent and before or during installation or new since installation

- 3. c) Access to the upstream and downstream drainage is:
 - □ Clear ☑ Partially obstructed □ Mostly obstructed □ Inaccessible
- 3. d) If obstructed, the obstruction is (choose and provide comments):
 - $\ \square$ temporary $\ \underline{and}\ \square$ no action needed $\underline{or}\ \square$ action needed

Comments

Vegetation cover 95%

Good vegetation growth

No signs of erosion; riprapped inlet w/metal header

One inlet, 18" HDPE

Access to pond was difficult. No signs of mowing or maintenance

Access was inhibited by excessive vegetation (thorn bushes)

*Note presence of bees

No security fence

Sedimentation Practices

		~· ·
4.	Inlet	Structures

4. a) ⊦	łow many ir	nlet structures	are present?	□ 0	☑1	□ 2	□ 3	□ 4	□ 5	□ >	- 5
------	-----	-------------	-----------------	--------------	-----	----	-----	-----	-----	-----	-----	-----

4. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

The second secon					, 0.0.,
	Inlet #: 1	Inlet #: 2	Inlet #:	Inlet #:	Inlet #:
Partially					
Completely					
Not Applicable					

4. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #: 1	Inlet #:	Inlet #:	Inlet #:	Inlot #:
		iiiict #.	IIIICL#.	HHEL#.	Inlet #:
Reason	See Note				

5.	ls	there	standing	water in	the	dry	pond?		
----	----	-------	----------	----------	-----	-----	-------	--	--

- 5. a) If yes, does the water have:
 - ☐ Surface sheen (from oils or gasoline)
 - ☐ Murky color (from suspended solids)
 - □ Green color (from algae or other biological activity)
 - ☐ Other (describe In comment box)
- 6. Is there evidence of illicit storm sewer discharges?
 - ☐ Yes ☐ No ☐ I don't know (if yes, describe in comment box)

7. Are there indications of any	of the following in the dry pond?	(If yes mark on site sketch)
r. r no more maleadons of any	or the following in the dry politic	u ves. mark on site sketch

- □ Sediment deposition
- □ Erosion or channelization
- □ Excessive or undesirable vegetation (that needs mowing or removal)
- □ Bare soil or lack of healthy vegetation significantly different from the original design
- □ Litter or debris
- □ Other
- □ No

7. a) If sediment deposition is evident, what is the source?

- □ Erosion or channelization inside the dry pond
- □ Erosion or channelization outside the dry pond
- □ Construction site erosion
- □ Other
- □ Unknown

University of Minnesota

Comments

Could not locate Downstream Defender. No evidence of maintenance or access location

Major cattail growth within pond

Some standing water within detention pond

	Sedimentation Pra	actices				
8.	Are there indication □ Erosion or char □ Soil slides or bu □ Excessive anim □ Seeps and wet □ Poorly vegetate □ Trees on constr	nnelization ulges al burrows spots d areas		on the ban	ks of the dry	pond:
9.	Are any outlet or ov 9. a) If yes, specify	erflow structu the clogging	material (i.e	e. debris, se	ediment, veg	□ Completely □ NA petation, etc.) in the box below.
			Outlet #:	Outlet #:	Outlet #:	j
		Material				j
		tial or Comp.				
	9. b) Are any of the	outlet or ove	rflow structi	ures askew	or misaligne	ed from the original design or
	otherwise in ne	ed of mainter	nance? (if y	es, write in	reason: fros	t heave, vandalism, unknown, etc.
			Outlet #:	Outlet #:	Outlet #:	
		Reason				
10	. Inspector's Recom □ Before the next □ Before the next □ Within a year or	rainfall rainy season two		naintenance	needed?	

Comments of Minnesota					
Comments					
1 Outlet Control Structure (V-notch weir). Good flow out, unobstructed					
,					
		İ			

Falmouth Shopping Center (Dry Detention Basin) Parcel ID: U12-002

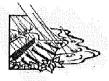


Falmouth Shopping Center (Dry Detention Basin) Parcel ID: U12-002



Falmouth Shopping Center (Dry Detention Basin) Parcel ID: U12-002



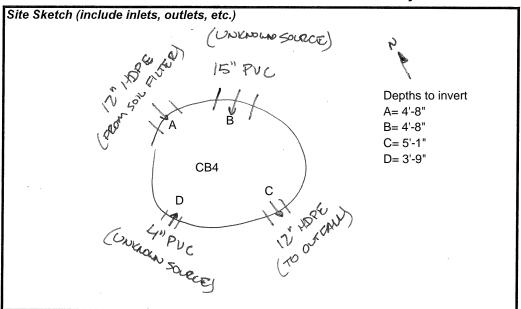


University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Filtration Practices

Inspector's Name(s): Ashley Auger & Mat Hardison						
Date of Inspection: 8/6/2012						
Location of the filtration practice: Key Bank (Soil Filter 1)						
Address or Intersection: Route 1						
Latititude, Longitude: 43.724471, -70.233235						
Date the filtration practice began operation: _2006						
Filter Size (ft. x ft.): 40' x 40'						
Time since last rainfall (hr): _6						
Quantity of last rainfall (in):0.2"						
Rainfall Measurement Location:						



Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

l. Has visual inspection been conducted at this location before? □ Yes □ No ☑I don't know
1. a) If yes, enter date:
1. b) Based on previous visual inspections, have any corrective actions been taken?
□ Yes □ No □ I don't know (If yes, describe actions in comments box)
2. Has it rained within the last 48 hours at this location?⊡Yes □ No □ I don't know

□ Yes ☑No □ I don't know (If yes, describe pretreatment practices in comment box)

- 4. Access
 - 4. a) Access to the filtration practice is:
 - ☑Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 4. b) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary <u>and</u> □ no action needed <u>or</u> □ action needed

3. Does this filtration practice untilize pretreatment practices upstream?

- □ permanent <u>and</u> □ before or during installation <u>or</u> □ new since installation
- 4. c) Access to the upstream and downstream drainage is:
 - Clear
 Partially obstructed
 Mostly obstructed
 Inaccessible
- 4. d) If obstructed, the obstruction is (choose and provide comments) :
 - □ temporary and □ no action needed or □ action needed
 - permanent and before or during installation or new since installation

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1			
ı	l		

Comments

Filtration Practices

Inlet Structure:

5. a) How many	/ inlet structures	are present?	□ 0	☑1	□ 2	□ 3	□ 4	□ 5	□ >	٠ 5
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5. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

	Inlet #:				
Partially					
Completely					
Not Applicable					

5. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet#:
Yes					
No					

- 6. Is there standing water in the filtration practice? ☐ Yes ☑ No
 - 6. a) If yes, does the water have:
 - ☐ Surface sheen (from oils or gasoline)
 - ☐ Murky color (from suspended solids)
 - ☐ Green color (from algae or other biological activity)
 - ☐ Other (describe In comment box)
- 7. Is there evidence of illicit storm sewer discharges?

	comment box)
--	-------------	---

- 8. What is the approximate percentage of vegetation coverage in the practice? 100 %
- 9. Are there indications of any of the following in the filtration practice? (If yes, mark on site sketch)
 - □ Sediment deposition
 - □ Erosion or channelization
 - □ Excessive or undesirable vegetation (that needs mowing or removal)
 - □ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other
 - ☑No
 - 9. a) If sediment deposition is evident, what is the source?
 - ☐ Erosion or channelization inside the filtration practice
 - ☐ Erosion or channelization outside the filtration practice
 - □ Construction site erosion
 - □ Other
 - □ Unknown

University of Minnesota

Comments

Minor sedimentation at inlet and outlet pipe

See above sketch for possible illicit tie-in

Soil Filter not connected to nearby wetland

Filtration Practices	University of Minnesota
10. Are there indications of any of the following on the banks of the filtration practice: □ Erosion or channelization □ Soil slides or bulges □ Excessive animal burrows □ Seeps and wet spots □ Poorly vegetated areas □ Trees on constructed slopes	Comments
11. Is the bottom of the filtration practice covered with a layer of silts and/or clays? □ Yes ☑No	
12. Are any outlet structures or the emergency spillway clogged? No Partially Completely NA 12. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below. Outlet #:1 Outlet #: Outlet #: Material Sediment 12. b) Are any of the outlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.) Outlet #: Outlet #: Outlet #: Reason 13. Is there any evidence of any of the following downstream of the outlet structure?	
☑Sediment deposition □ Erosion or channelization □ Other □ No 13. a) If sediment deposition is evident, what is the source? ☑Erosion or channelization inside the filtration practice □ Erosion or channelization outside the filtration practice □ Construction site erosion □ Other, Specify ☑Unknown	
14. Inspector's Recommendations. When is maintenance needed? □ Before the next rainfall □ Before the next rainy season □ Within a year or two □ No sign that any is required	

Key Bank (Soil Filter 1) Parcel ID: U58-006



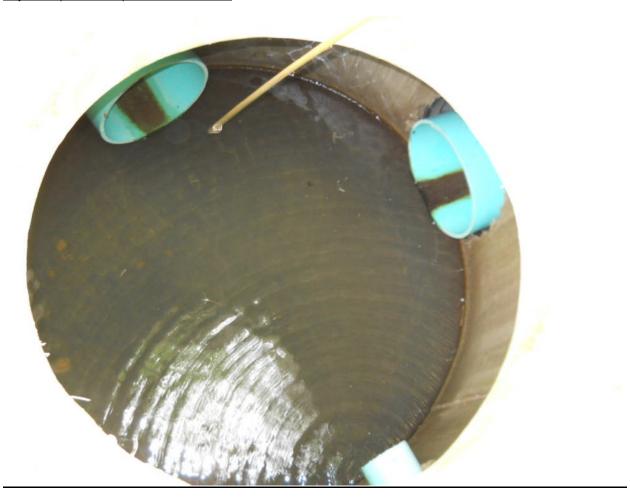
Key Bank (Soil Filter 1) Parcel ID: U58-006

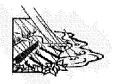


Key Bank (Soil Filter 1) Parcel ID: U58-006



Key Bank (Soil Filter 1) Parcel ID: U58-006





University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Filtration Practices

Inspector's Name(s): Ashley Auger & Mat Hardison
Date of Inspection: 8/6/2012
Location of the filtration practice: Key Bank (Soil Filter 2)
Address or Intersection: Route 1
Latititude, Longitude: 43.724471, -70.233235
Date the filtration practice began operation: 2006
Filter Size (ft. x ft.): 200' x 40'
Time since last rainfall (hr): 6
Quantity of last rainfall (in): 0.2"
Rainfall Measurement Location:

Site Sketch (include inlets, outlets, etc.)
Inter (12") Net 2 (12") Overlow (CB)

Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

 Has visual inspection been conducted at this location before? □ Yes □ No ☑ a) If yes, enter date: 	∄l don't know
1. b) Based on previous visual inspections, have any corrective actions been □ Yes □ No □ I don't know (If yes, describe actions in comments box)	
2. Has it rained within the last 48 hours at this location?⊡Yes □ No □ I don't k	now
3. Does this filtration practice untilize pretreatment practices upstream?□ Yes ☑No □ I don't know (If yes, describe pretreatment practices in com	ment box)
4. Access	
4. a) Access to the filtration practice is:	
☑Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible	
4. b) If obstructed, the obstruction is (choose and provide comments) :	
□ temporary <u>and</u> □ no action needed <u>or</u> □ action needed	
\Box permanent <u>and</u> \Box before or during installation <u>or</u> \Box new since installat	ion
4. c) Access to the upstream and downstream drainage is:	
☑Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible	
4. d) If obstructed, the obstruction is (choose and provide comments) :	
□ temporary <u>and</u> □ no action needed <u>or</u> □ action needed	
□ permanent <u>and</u> □ before or during installation <u>or</u> □ new since installat	ion

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Comments

Filtration Practices

Inlet Structu

5. a) How mar	y inlet structures are	present? 0	□1 <u></u>	□3 □4	□5 □>:
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5. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

	Inlet #:				
Partially					
Completely					
Not Applicable					

5. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #:				
Yes					
No					

- 6. Is there standing water in the filtration practice? □ Yes ☑No
 - 6. a) If yes, does the water have:
 - □ Surface sheen (from oils or gasoline)
 - □ Murky color (from suspended solids)
 - ☐ Green color (from algae or other biological activity)
 - ☐ Other (describe In comment box)
- 7. Is there evidence of illicit storm sewer discharges?
 - ☐ Yes ☐ No ☐ I don't know (if yes, describe in comment box)
- 8. What is the approximate percentage of vegetation coverage in the practice? _100 ____ %
- 9. Are there indications of any of the following in the filtration practice? (If yes, mark on site sketch)
 - □ Sediment deposition
 - □ Erosion or channelization
 - ☐ Excessive or undesirable vegetation (that needs mowing or removal)
 - □ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other

☑No

- 9. a) If sediment deposition is evident, what is the source?
 - □ Erosion or channelization inside the filtration practice
 - ☐ Erosion or channelization outside the filtration practice
 - □ Construction site erosion
 - □ Other
 - □ Unknown

University of Minnesota

	Comments
Soil F	ilter not connected to nearby wetland
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	·

Filtration Practices	University of Minnesota
O. Are there indications of any of the following on the banks of the filtration practice: □ Erosion or channelization □ Soil slides or bulges □ Excessive animal burrows □ Seeps and wet spots □ Poorly vegetated areas □ Trees on constructed slopes	Comments
Is the bottom of the filtration practice covered with a layer of silts and/or clays? □ Yes ☑No	
2. Are any outlet structures or the emergency spillway clogged? □ No ☑ Partially □ Completely □ NA 12. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below. Outlet #:1 Outlet #: Outlet #: Material Sediment 12. b) Are any of the outlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.) Outlet #: Outlet #: Outlet #: Reason 3. Is there any evidence of any of the following downstream of the outlet structure? ☑ Sediment deposition □ Erosion or channelization □ Other □ No 13. a) If sediment deposition is evident, what is the source? □ Erosion or channelization inside the filtration practice □ Erosion or channelization outside the filtration practice □ Construction site erosion Other, Specify	

Key Bank (Soil Filter 2) Parcel ID: U58-006



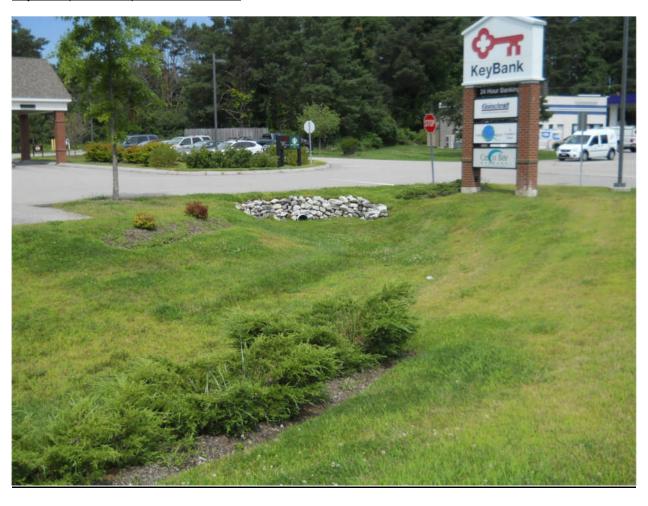
Key Bank (Soil Filter 2) Parcel ID: U58-006



Key Bank (Soil Filter 2) Parcel ID: U58-006

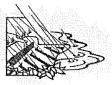


Key Bank (Soil Filter 2) Parcel ID: U58-006



Key Bank (Soil Filter 2) Parcel ID: U58-006



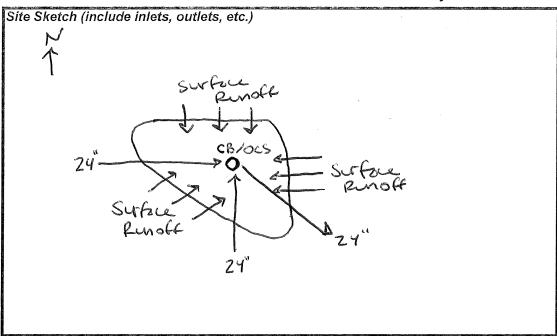


University of Minnesota

Stormwater Treatment: Assessment and Maintenance

Field Data Sheet for Level 1 Assessment: Visual Inspection Filtration Practices

Inspector's Name(s): Ashley Auger & Zach Henderson
Date of Inspection: 10/30/2012
Location of the filtration practice: Gorham Savings Bank
Address or Intersection: 202 US Route 1, Falmouth, ME
Latititude, Longitude: 43.718992, -70.233681
Date the filtration practice began operation: 2010
Filter Size (ft. x ft.): 950 SF
Time since last rainfall (hr): 1
Quantity of last rainfall (in): 0.81"
Rainfall Measurement Location:



Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before? ☐ Yes ☐ No ☑ I don't know
 - 1. a) If yes, enter date:
 - 1. b) Based on previous visual inspections, have any corrective actions been taken?
- 2. Has it rained within the last 48 hours at this location?

 Yes

 No

 I don't know
- 3. Does this filtration practice untilize pretreatment practices upstream?
 - ☐ Yes ☑ No ☐ I don't know (If yes, describe pretreatment practices in comment box)
- 4. Access
 - 4. a) Access to the filtration practice is:
 - ☑ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 4. b) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed
 - permanent **and** before or during installation **or** new since installation
 - 4. c) Access to the upstream and downstream drainage is:
 - ☑ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 4. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary <u>and</u> □ no action needed <u>or</u> □ action needed
 - □ permanent <u>and</u> □ before or during installation <u>or</u> □ new since installation

gra	phic documentation:
	Comments
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HO WASHING	
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See Control	
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5.	Inl	et	Str	uc	tu	res

5. a) How many	inlet structures	are present?	□ 0	1	□ 2	□ 3	4	□ 5	_ >	. Ę
U. U.	, , , , , , , , , , , , , , , , , ,	milet ou detailed	a p								

5. b) Are any of the inlet structures clogged? (If yes, mark location on site	sketch above ar	nd
fill in boxes below with items causing clogging (ie. debris, sediment, ve	egetation, etc.)	

THE RESIDENCE OF THE PROPERTY	 - Cu-standard Communication	CA-CASCA-T-A-ASCAC-DAMAGE CONTRACTOR	A STATE OF THE PARTY OF THE PAR	Annual Control of the
	 Inlet #:	Inlet #:	Inlet #:	Inlet #:
Partially				
Completely				
Not Applicable				

5. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

	Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet#:
Yes					
No					

6. Is there standing water in the filtration practice? ☐ Yes □ N	6.	ls	there	standing	water i	in the	filtration	practice?	Yes	
--	----	----	-------	----------	---------	--------	------------	-----------	-----	--

- 6. a) If yes, does the water have:
 - ☐ Surface sheen (from oils or gasoline)
 - □ Murky color (from suspended solids)
 - □ Green color (from algae or other biological activity)
 - □ Other (describe In comment box)
- 7. Is there evidence of illicit storm sewer discharges?
 - □ Yes □ No ☑ I don't know (if yes, describe in comment box)
- 8. What is the approximate percentage of vegetation coverage in the practice? _____ %
- 9. Are there indications of any of the following in the filtration practice? (If yes, mark on site sketch)
 - □ Sediment deposition
 - □ Erosion or channelization
 - □ Excessive or undesirable vegetation (that needs mowing or removal)
 - □ Bare soil or lack of healthy vegetation significantly different from the original design
 - □ Litter or debris
 - □ Other

⊠No

- 9. a) If sediment deposition is evident, what is the source?
 - ☐ Erosion or channelization inside the filtration practice
 - □ Erosion or channelization outside the filtration practice
 - □ Construction site erosion
 - □ Other
 - Unknown

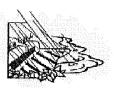
Comments		
•		
	*	

10. Are there indications of any of the following on the banks of the filtration practice:	Comments
 □ Erosion or channelization □ Soil slides or bulges □ Excessive animal burrows □ Seeps and wet spots □ Poorly vegetated areas 	
□ Trees on constructed slopes	·
11. Is the bottom of the filtration practice covered with a layer of silts and/or clays? □ Yes ☑No	
12. Are any outlet structures or the emergency spillway clogged? No Partially Completely NA 12. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below. Outlet #: Outlet #: Outlet #:	
12. b) Are any of the outlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.) Outlet #: Outlet #: Outlet #: Reason	
13. Is there any evidence of any of the following downstream of the outlet structure? □ Sediment deposition □ Erosion or channelization □ Other ☑ No 13. a) If sediment deposition is evident, what is the source? □ Erosion or channelization inside the filtration practice □ Erosion or channelization outside the filtration practice □ Construction site erosion □ Other, Specify □ Unknown	
14. Inspector's Recommendations. When is maintenance needed? □ Before the next rainfall □ Before the next rainy season □ Within a year or two ☑ No sign that any is required	
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Gorham Savings Bank (Soil Filter) Parcel ID: U52-004-ON



Sedimentation Practices



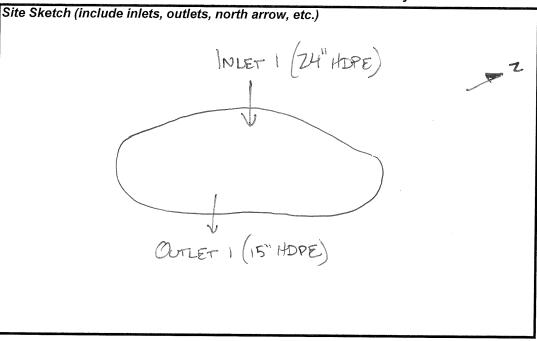
University of Minnesota

Stormwater Treatment: **Assessment and Maintenance**

Field Data Sheet for Level 1 Assessment: Visual Inspection **Wet Ponds**

Inspector's Name(s): Zach Henderson, Ashley Auger & Mat Hardison
Date of Inspection: 8/6/2012
Location of the wet pond: Rite Aid
Address or Intersection: Route 1
Latititude, Longitude: 43.722081, -70.230512
Date the wet pond began operation: 2007
Wet pond dimensions. Depth (ft.): 8' Area (ft. x ft.) 80' x 60'
Time since last rainfall (hr):6
Quantity of last rainfall (in): 0.2"
Rainfall Measurement Location:





Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

- 1. Has visual inspection been conducted at this location before?

 Yes

 No Fall don't know
 - 1. a) If ves, enter date:
 - 1. b) Based on previous visual inspections, have any corrective actions been taken? ☐ Yes ☐ No ☐I don't know (If yes, describe actions in comments box)
- 2. Has it rained within the last 48 hours at this location? ☐ Yes ☐ No ☐ I don't know
- 3. Access
 - 3. a) Access to the wet pond is:
 - □ Clear ☑ Partially obstructed □ Mostly obstructed □ Inaccessible
 - 3. b) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary <u>and</u> □ no action needed <u>or</u> □ action needed

permanent and before or during installation or new since installation

- 3. c) Access to the upstream and downstream drainage is:
 - □ Clear ☑Partially obstructed □ Mostly obstructed □ Inaccessible
- 3. d) If obstructed, the obstruction is (choose and provide comments):
 - □ temporary and □ no action needed or □ action needed

permanent and before or during installation or new since installation

Comments

Inlet and outlet both relatively clear and free of sediment

Good vegetation growth, no signs of erosion

60% vegetation

Riprapped inlet with 24" HDPE

Security fence with gate around perimeter of pond Pond is located at the bottom of a steep slope and surrounded by dense vegetation

Poor Length to Width ratio

	Sedimentation	n Practices					
4. I	nlet Structures	;					
		y inlet structures a	are present	? □ 0 1 1	п2 п3	п4 п5	п > 5
		f the inlet structure					
		below with items					
			Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet #:
		Partially					
		Completely					
		Not Applicable	· ·				
4		f the inlet structure					
	in need of r	naintenance? (if y					
		and the second s	Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet #:
	Į.	Reason					
	there evidend □ Yes ☑No	scribe In commen ce of illicit storm so □ I don't know (if	ewer discha yes, descr	ibe in comr	,		
٠. L	oes the wet po	ond smell like gas	oline or oil	? □ Yes 🔽	INo		
	□ Sediment d □ Erosion or d □ Excessive d	or undesirable veg lack of healthy ve	s of 50% o	f the sedim at needs mo	ent storage owing or rer	capacity moval)	,
8		t deposition is evi	dent what	is the sour	re?		
J	•	channelization in	•				
		channelization o					
		ion site erosion		· · -			
	□ Other						

University of Winnesota	
Comments	
Trash rack was free of debris and litter	
rash rack was free or depris and litter	
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□ Unknown

Sedimentation Practices	University of Minnesota
9. Are there indications of any of the following on the banks of the wet pond: □ Erosion or channelization □ Soil slides or bulges □ Excessive animal burrows	Comments
□ Seeps and wet spots □ Poorly vegetated areas □ Trees on constructed slopes	
10. Are any outlet or overflow structures clogged? No Partially Completely NA 10. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below. Outlet #: Outlet #: Outlet #: Material Partial or Comp.	System has underdrained gravel trench, but no flow control orifice
10. b) Are any of the outlet or overflow structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.) Outlet #: Outlet #: Outlet #:	
11. Is there any evidence of any of the following downstream of the outlet structure? □ Sediment deposition □ Erosion or channelization □ Other ☑No 11. a) If sediment deposition is evident, what is the source? □ Erosion or channelization inside the filtration practice □ Erosion or channelization outside the filtration practice □ Construction site erosion □ Other, Specify □ Unknown	
12. Inspector's Recommendations. When is maintenance needed? □ Before the next rainfall □ Before the next rainy season □ Within a year or two □ No sign that any is required	

Rite Aid (Wet Pond) Parcel ID: U12-011



Rite Aid (Wet Pond) Parcel ID: U12-011



Rite Aid (Wet Pond) Parcel ID: U12-011



Rite Aid (Wet Pond) Parcel ID: U12-011



Rite Aid (Wet Pond) Parcel ID: U12-011



Norway Savings Bank (Below-Grade Stormwater Management Facility) Parcel ID: U58-010-A1



Norway Savings Bank (Below-Grade Stormwater Management Facility) Parcel ID: U58-010-A1

