



Village of Menomonee Falls

W156 N8480 Pilgrim Road

Menomonee Falls, WI 53051-3140

Telephone: (262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section N 1/2 of SE 1/4 S1 T8 N R20 E Name of Business/Subdivision Menomonee Falls Assisted Living
Property Tax ID Number MNFV 0030-993-001 Address of Property W156 N8480 Town Hall Rd
Date 7/6/14

Dry Pond	
Wet Pond	
Other	<input checked="" type="checkbox"/>

Pond ID: W. Biofilter

95005

Location of
Pond:

East of Terrace of
W Biofilter Town Hall Road.

Biofilter

Year ~~Pond~~
Constructed

2012

Year of Last
Certification

N/A

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)				(Same as riser as far as storm sewer)
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				N/A
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)	18"	18"	✓	N-12
Elevation	887.70	887.64	✓	
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)				N/A
Elevation				

Compliance Verification	Design	Actual	Compliant Yes No	Comments	
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)				N/A	
Elevation					
Other (Description)					
Opening Type and Size (inches)				N/A	
Elevation					
Emergency Spillway					
Elevation				N/A	
Length of spillway (feet)					
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation			N/A		
Animal burrows or slope erosion					
Storm Sewer Outfalls	Type & Size		Location	Comments	
Outfall 1					
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)				X	Biotiter - Not wet or dry pond.
Design High Water Elevation				X	
Area at Normal Water Elevation (Ac) (Wet Ponds)				X	
Area at Design High Water Elevation (Ac)				X	
Active Storage Available (Ac-Ft)*				X	
Lowest Elevation at Top of Embankment (If Applicable)				X	
Average Elevation at Top of Embankment (If Applicable)				X	
Maximum Bottom Elevation				X	
Average Pond Bottom Elevation				X	
Pond Bottom Area (Ac)				X	
Maximum Pond Depth				X	
Average Pond Depth				X	
Average Permanent Pool Depth (Wet Ponds)				X	

*To Determine Active Storage $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

Wet Ponds Use H = Height of Section, A1= area at normal water elevation, A2=area at top section

Dry Ponds Use H= Height of Section, A1= pond bottom area, A2=area at top section

Sketch Outlet or Attach to Document

See attached

Place Photograph of Pond or Attach to Document

Place Photograph of Pond or Attach to Document

See attached

Attach As-built Survey to the Document for the first report submission

Inspection Firm:

Phone Number:

Address:

Inspector Name :

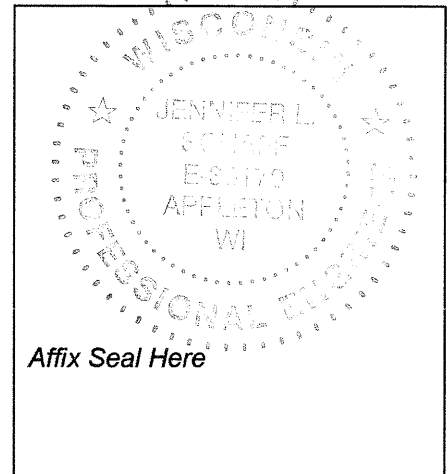
Inspection Date:


Certifying Professional

Name:

Phone Number:

Jennifer Schaff
920 751 4200



Date: 11/6/14	Signature: 	
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10-3-2012

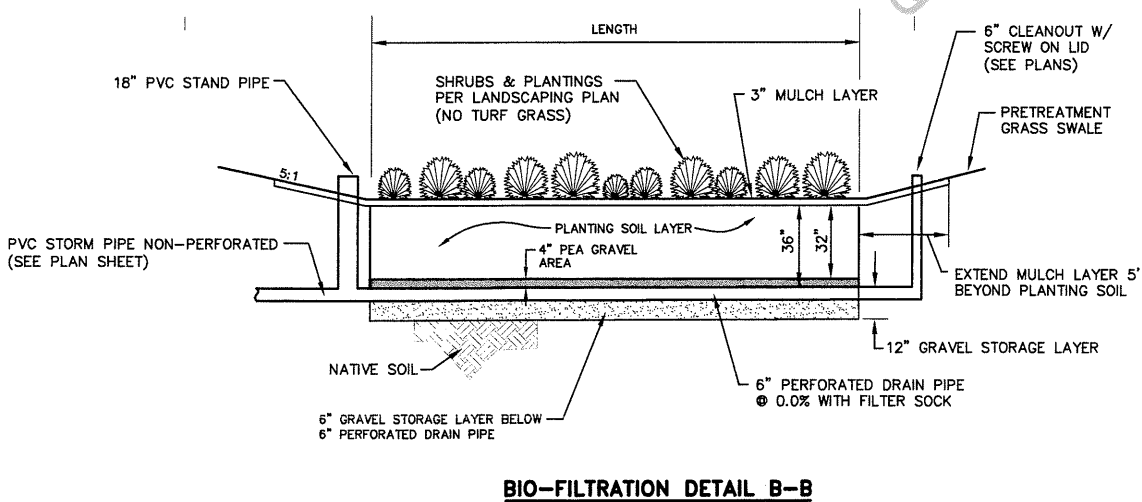
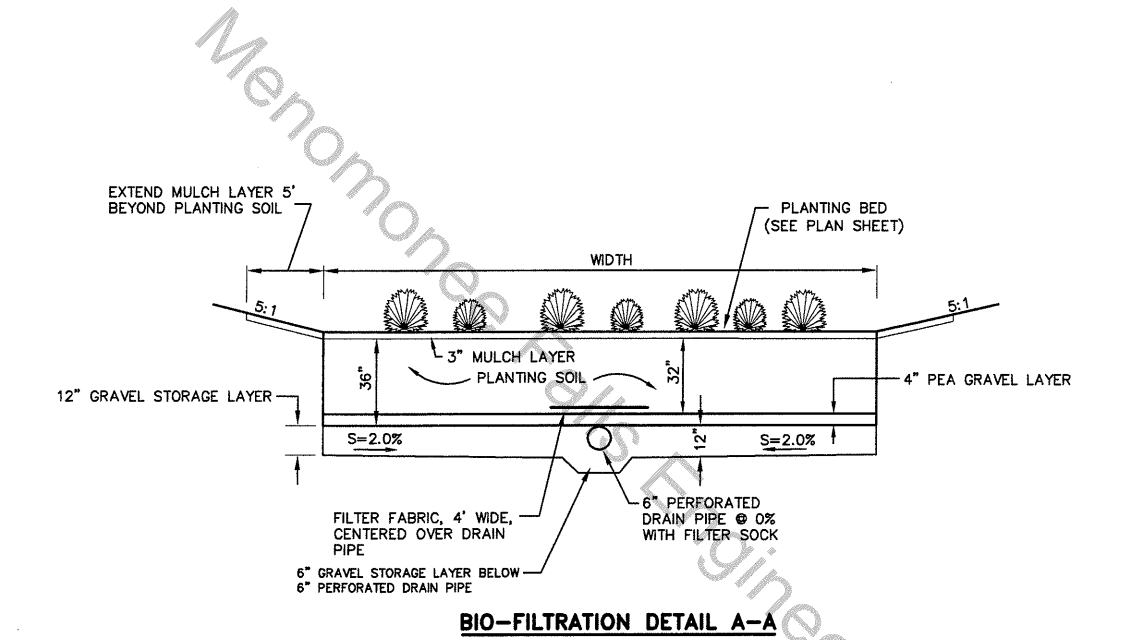
Menomonee Falls Engineering

W BIOFILTER

LATIN NAME	COMMON NAME	SYMBOL
ANDROPOGON GERARDIA	BIG BLUESTEM	AG
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	AN
CAREX VULPINOIDEA	FOX SEDGE	CV
CHELONE GLABRA	WHITE TURTLEHEAD	CG
GENTIANA ANDREWSII	BOTTLE GENTIAN	GA
IRIS VERSICOLOR	BLUE FLAG IRIS	IV
LIATRIS SPICATA	MARSH BLAZINGSTAR	LS
LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	LSI
RUDBECKIA SUBTOMENTOSA	SWEET BLACK-EYED SUSAN	RS
VERNONIA AUREA	IRONWEED	VF
ZIZIA AUREA	GOLDEN ALEXANDERS	ZA

BIO-FILTRATION PLANTING SCHEDULE

SPECIES AND QUANTITY CAN BE VARIED BY OWNER / LANDSCAPER THAT IS FAMILIAR WITH RAIN GARDENS, AS LONG AS NATIVE SPECIES ARE USED AND THE PLANTING DENSITY IS MAINTAINED AT 1 PLANT PER 2 SQUARE FEET.





Menomonee Falls Assisted Living – West Biofilter adjacent to Town Hall Road.



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