



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 S9 T18 R20E Name of Business/Subdivision Menomonee Falls Assisted Living
Property Tax ID Number MNEV 0038-993-001 Address of Property N180 N8714 Town Hall Rd.

Dry Pond	
Wet Pond	
Other	☒

Description: SE Biofilter Location Of Pond: along S. property line
95008 SE Biofilter

Year Pond Constructed 2012/2014 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	887.5	887.22	✓	
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)				N/A
Elevation				

SE BIOFILTER

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	Biofilter - Not wet or dry.
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 $V = \left(\left(\frac{H}{3} \right) (A1 + A2 + ((A1 + A2)^{\frac{1}{2}})) \right)$

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

See attached

Place Photograph of Pond

See attached

Place Photograph of Pond

Inspection Firm: _____

Phone Number: _____

Address: _____

Inspector Name: _____

Inspection Date: _____

Certifying

Professional Name: _____

Phone Number: _____

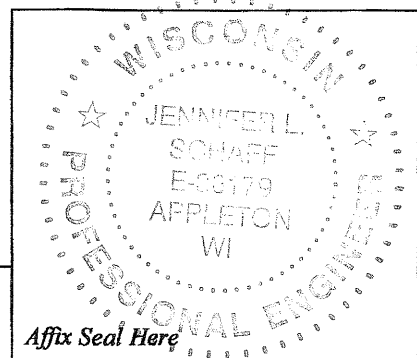
Jennifer Schaff
920 751 4200

Date: _____

11/6/14

Signature: _____

Jennifer L Schaff





Menomonee Falls Assisted Living -SE Biofilter.



SE 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.

