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: SW-1/4 Sec. 29 T08N R20E
Property Tax ID Number: MNFV0115078
Date: 10/02/2015
Name of Business/Subdivision: Spencer's Pass West
Address of Property: Menomonee Falls

Dry Pond	✔
Wet Pond	
Other	

Pond ID: SWP Basin No. 7

Location of Pond: Middle of subdivision

Year Pond Constructed: 2014

Year of Last Certification: N/A

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)			☐	☐	
Upstream Invert			☐	☐	
Downstream Invert			☐	☐	
Length (feet)			☐	☐	
Slope (%)			☐	☐	
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)			☐	☐	
Upstream Invert			☐	☐	
Downstream Invert			☐	☐	
Length (feet)			☐	☐	
Slope (%)			☐	☐	
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)			☐	☐	
Elevation			☐	☐	
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)			☐	☐	
Elevation			☐	☐	

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)			☐	☐	
Elevation			☐	☐	
Other (Description)					
Opening Type and Size (inches)			☐	☐	
Elevation			☐	☐	
Emergency Spillway					
Elevation	843.25	843.10	☑	☐	V-notch elevation at invert elevation 841.70.
Length of spillway (feet)	14 FT	14 FT	☑	☐	Reinforced concrete weir

Embankment	Present Yes	Present no	Comments/Maintenance Requirements
Unauthorized Plantings, trees, or woody vegetation	☐	☑	
Animal burrows or slope erosion	☐	☑	

Storm Sewer Outfalls	Type & Size	Location	Comments
Outfall 1			
Outfall 2			
Outfall 3			

Storage Properties	Design	Actual	Compliant Yes	Compliant No	Not Applicable	Equipment Used
Normal Water Elevation *(Wet Ponds)*			☐	☐		Rotating lazer level
Design High Water Elevation	843.32	843.32	☑	☐		
Area at Normal Water Elevation (Ac) (Wet Ponds)			☐	☐		
Area at Design High Water Elevation (Ac)	0.068	0.068	☑	☐		
Active Storage Available (Ac-Ft)*	0.074	0.074	☑	☐		
Lowest Elevation at Top of Embankment (If Applicable)			☐	☐		
Average Elevation at Top of Embankment (If Applicable)	844.00	844.20	☑	☐		
Maximum Bottom Elevation			☐	☐		
Average Pond Bottom Elevation	841.75	841.80	☑	☐		
Pond Bottom Area (Ac)	0.052	0.02	☑	☐		
Maximum Pond Depth			☐	☐		
Average Pond Depth			☐	☐		
Average Permanent Pool Depth *(Wet Ponds)*	5.00 FT	4.90 FT	☑	☐		

*To Determine Active Storage V=H/3(A1+A2+(A1xA2)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	*Place Photograph of Pond or Attach to Document*
	Place Photograph of Pond or Attach to Document

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

Inspection Firm: SEH, Inc.
Phone Number: (262) 646-6855
Address: 501 Maple Avenue
Delafield, WI 53018

Inspector Name : Robert Malzahn
Inspection Date: 10-02-2015

Certifying Professional
Name: Igor Vaynberg
Phone Number: 414-949-8961

10/05/2015

Date:	*Signature:*	*Affix Seal Here*

Spencer's Pass West Village of Menomonee Falls, WI 6/19/2015

Photo No. 1

Spencer's Pass West Village of Menomonee Falls, WI 6/19/2015

Photo No. 2

Photo No. 3

Photo No. 4

Photo No. 5

Photo No. 6

Photo No. 7