



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 T8N R20E Name of Business/Subdivision Menomonee Falls Assisted Living  
Property Tax ID Number 095012 Address of Property W180 N8914 Town Hall Rd  
MNFV 0036-993-001

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

Location Of Pond Underneath the parking lot

Description: Underground

Year Pond Constructed 2012 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>				Outlet Pipe Material
Opening Diameter (inches)	18"	18"	✓	This pipe will be altered when the lower phase develops & orifice upstream of this pipe controls flow
Upstream Invert	874.54	874.5	✓	
Downstream Invert	869	870.10	✓	
Length (feet)	30'	120'	✓	
Slope (%)	18.3%	3.1%	✓	
<b>Secondary Outlet Pipe</b>	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				N/A
Upstream Invert				
Downstream Invert				
Length (feet)				N/A
Slope (%)				
<b>Riser</b>	(If Applicable)			Riser Material
Opening Diameter (inches)				N/A
Elevation				
<b>Upper Discharge Control</b>	(If Applicable)			
Opening Diameter (inches)				
Elevation				

Compliance Verification	Design	Actual	Compliant Yes No	Comments	
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					
<b>Other (Description)</b>					
Opening Type and Size (inches)	4" orifice	4"	✓		
Elevation	874.54	874.5	✓		
<b>Emergency Spillway</b>					
Elevation					
Length of spillway (feet)					
<b>Embankment</b>	Present Yes (no)		Comments/Maintenance Requirements underground facility		
Unauthorized Plantings, trees, or woody vegetation			" "		
Animal burrows or slope erosion					
<b>Storm Sewer Outfalls</b>	Type & Size		Location	Comments	
Outfall 1	18" pipe		E. of underground storage		
Outfall 2					
Outfall 3					
<b>Storage Properties</b>	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)		dry pond		✓	
Design High Water Elevation					
Area at Normal Water Elevation (Ac) (Wet Ponds)		dry pond		✓	
Area at Design High Water Elevation (Ac)	0.32	0.32	✓		
Active Storage Available (Ac-Ft)*	1.38	1.38	✓		
Lowest Elevation at Top of Embankment (If Applicable)	N/A	underground storage			
Average Elevation at Top of Embankment (If Applicable)	N/A	underground storage			
Maximum Bottom Elevation	874.92	874.9	Bottom of stone base		
Average Pond Bottom Elevation					
Pond Bottom Area (Ac)	0.32	0.32	✓		
Maximum Pond Depth					
Average Pond Depth					
Average Permanent Pool Depth (Wet Ponds)	dry pond - underground.				

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

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

See the  
attached  
miscellaneous  
Detail sheet 9  
for detail  
titled "West  
Underground  
Storage Receiving  
manhole"

Place Photograph of Pond

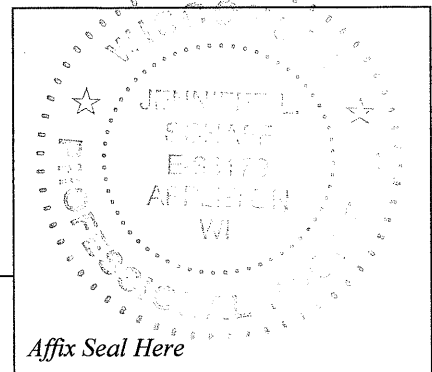
Place Photograph of Pond

See attached

Inspection Firm: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspector Name: \_\_\_\_\_  
Inspection Date: \_\_\_\_\_

Certifying  
Professional Name: Jennifer Schaff  
Phone Number: 920 751 4200

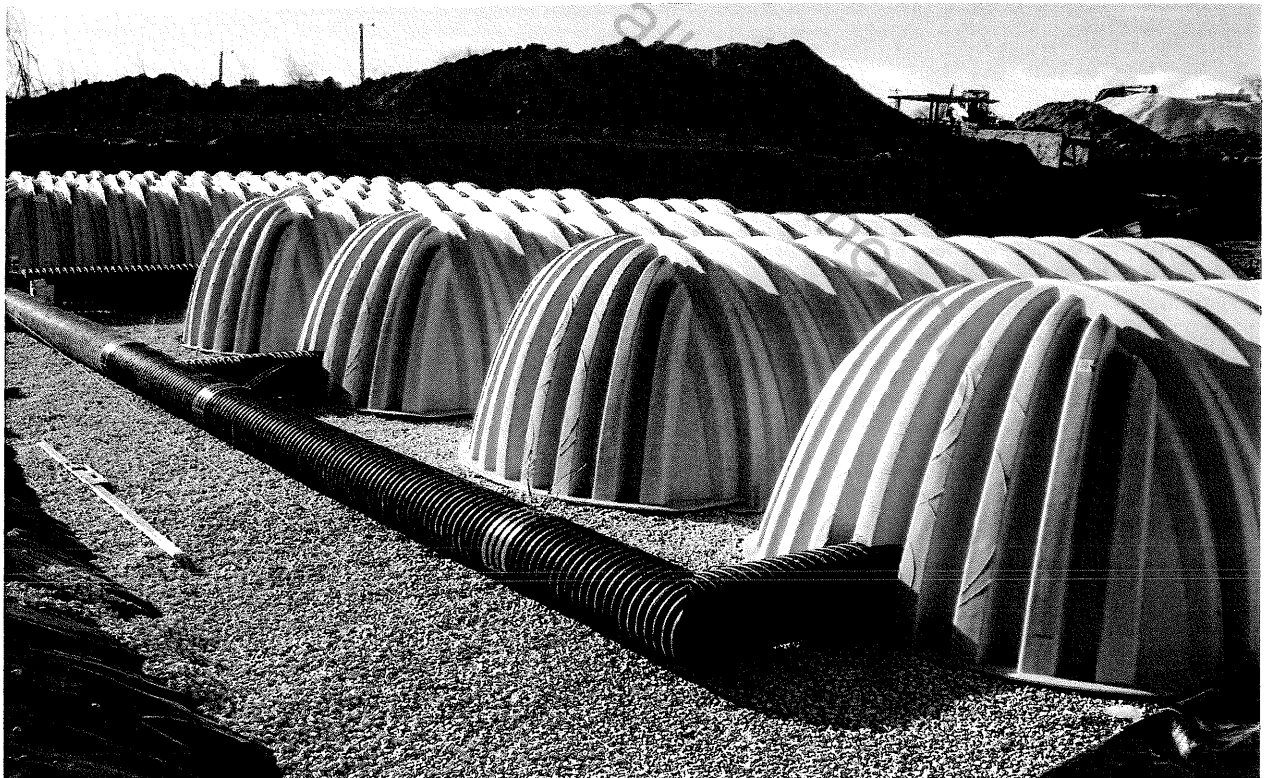


Date: 11/6/14

Signature: Jennifer L. Schaff

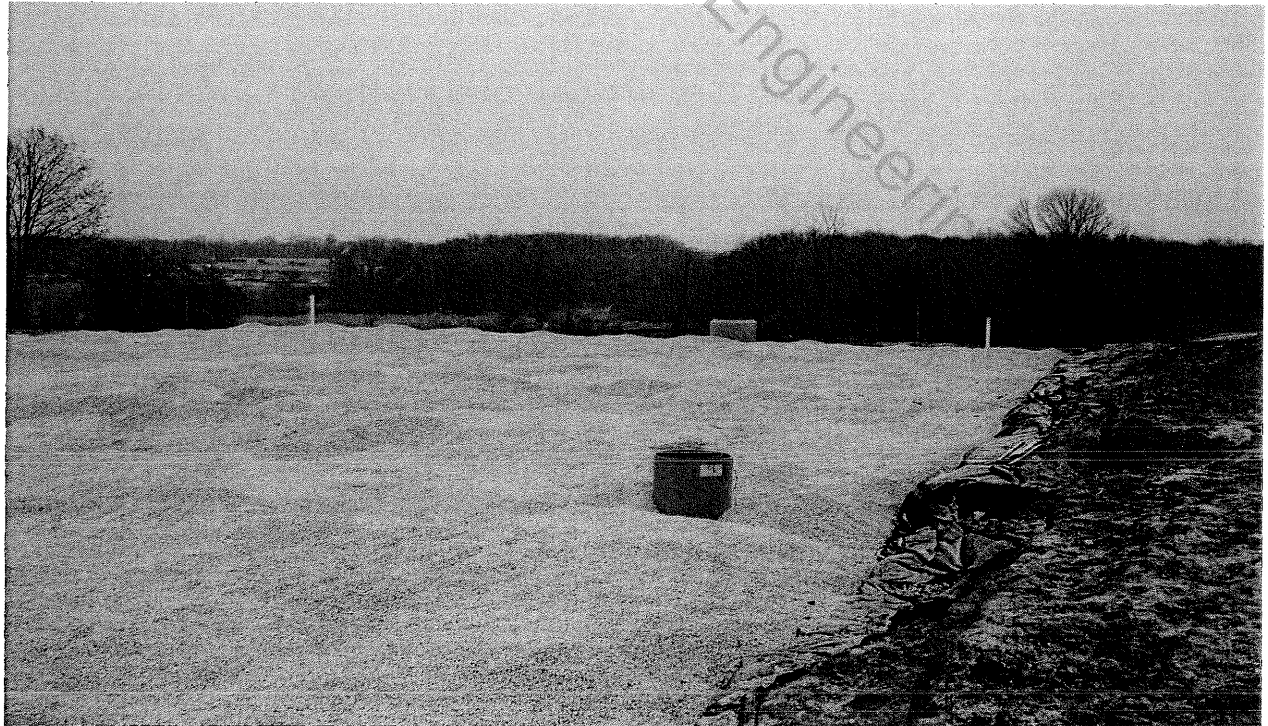


Menomonee Falls Assisted Living- Underground Detention





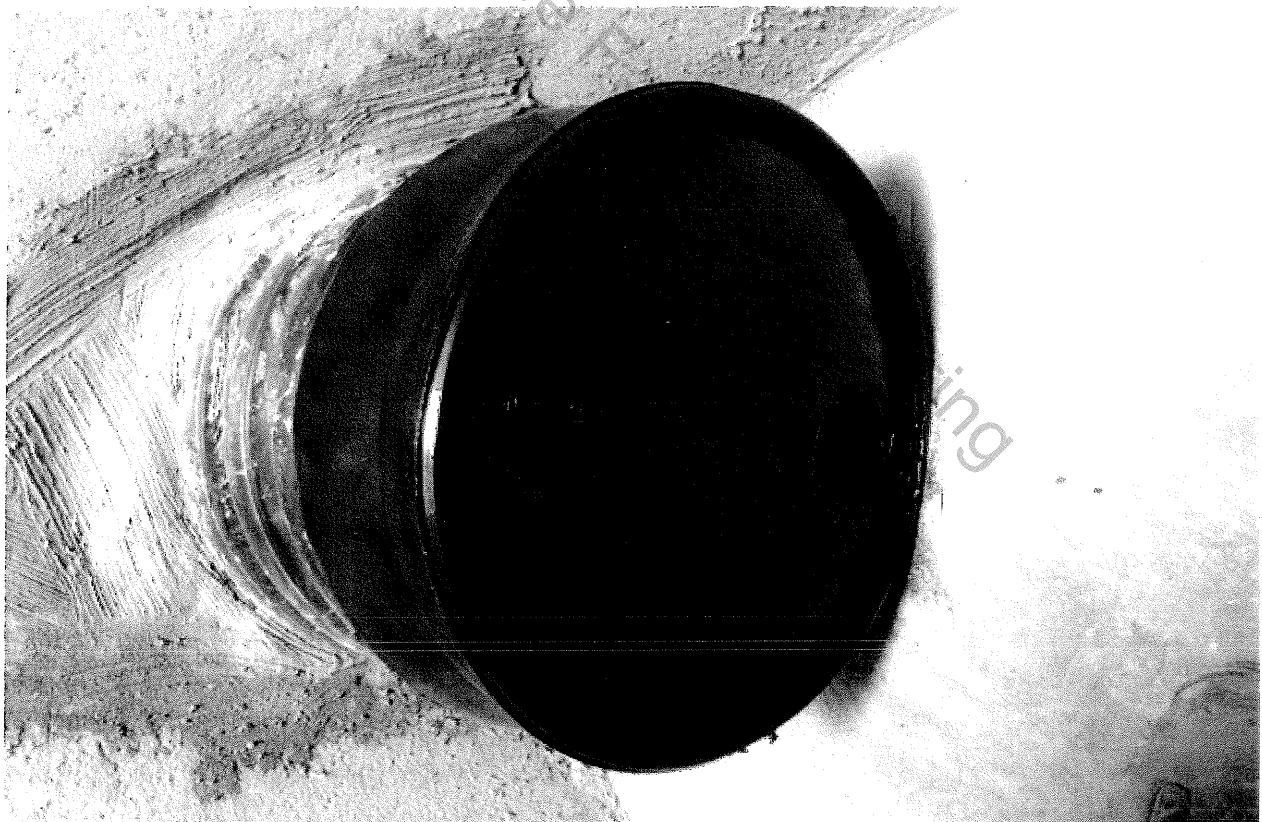
Menomonee Falls Assisted Living- Underground Detention







Menomonee Falls Assisted Living –Manhole at discharge of underground storage.



Menomonee Falls Assisted Living –Manhole at discharge of underground storage, orifice restricting flow.

