



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 NY2 of SE 1/4 S9 T8N R20E Name of Business/Subdivision  
Property Tax ID Number MNFV 0036-993-001 Address of Property  
Menomonee Falls Assisted Living  
W180 N8714 Town Hall Rd

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

Description: Underground  
095012

Location Of  
Pond

Underneath the parking lot

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>					<p>Outlet Pipe Material</p> <p>This pipe will be altered when the lower phase develops &amp; ORifice upstream of this pipe controls flow</p>	
Opening Diameter (inches)	18"	18"	✓			
Upstream Invert	874.54	874.5	✓			
Downstream Invert	869	870.10	✓			
Length (feet)	30'	120'	✓			
Slope (%)	18.3%	3.7%	✓			
<b>Secondary Outlet Pipe</b>	(If Applicable)					
Opening Diameter (inches)					<p>Outlet Pipe Material</p> <p>N/A</p>	
Upstream Invert						
Downstream Invert						
Length (feet)						
Slope (%)					<p>N/A</p> <p>Riser Material</p> <p>N/A</p>	
<b>Riser</b>	(If Applicable)					
Opening Diameter (inches)						
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" <sup>orifice</sup> <sub>cap</sub>	4"	✓				
Elevation	874.54	874.5	✓				
<b>Emergency Spillway</b>							
Elevation							
Length of spillway (feet)							
<b>Embankment</b>	Present Yes <u>no</u>		Comments/Maintenance Requirements <i>under ground facility</i>				
Unauthorized Plantings, trees, or woody vegetation			10      11				
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)	<i>dry pond</i>			✓			
Design High Water Elevation							
Area at Normal Water Elevation (Ac) (Wet Ponds)	<i>dry pond</i>						
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		<i>under ground storage</i>				
Average Elevation at Top of Embankment (If Applicable)	N/A		<i>under ground storage</i>				
Maximum Bottom Elevation	874.92	874.9		<i>Bottom of stone base</i>			
Average Pond Bottom Elevation							
Pond Bottom Area (Ac)	0.32	0.32	✓				
Maximum Pond Depth							
Average Pond Depth							
Average Permanent Pool Depth (Wet Ponds)	<i>dry pond - underground.</i>						

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

Wet Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

Dry Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{pond bottom area}$ ,  $A2 = \text{area at top section}$

Sketch Outlet

Place Photograph of Pond

See the  
attached  
Miscellaneous  
Detail Sheet 9  
for detail  
titled "West  
Underground  
Storage Receiving  
Manhole"

Place Photograph of Pond

See attached

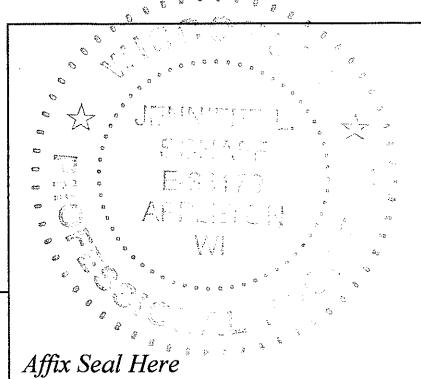
Inspection Firm: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

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

Certifying  
Professional Name: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

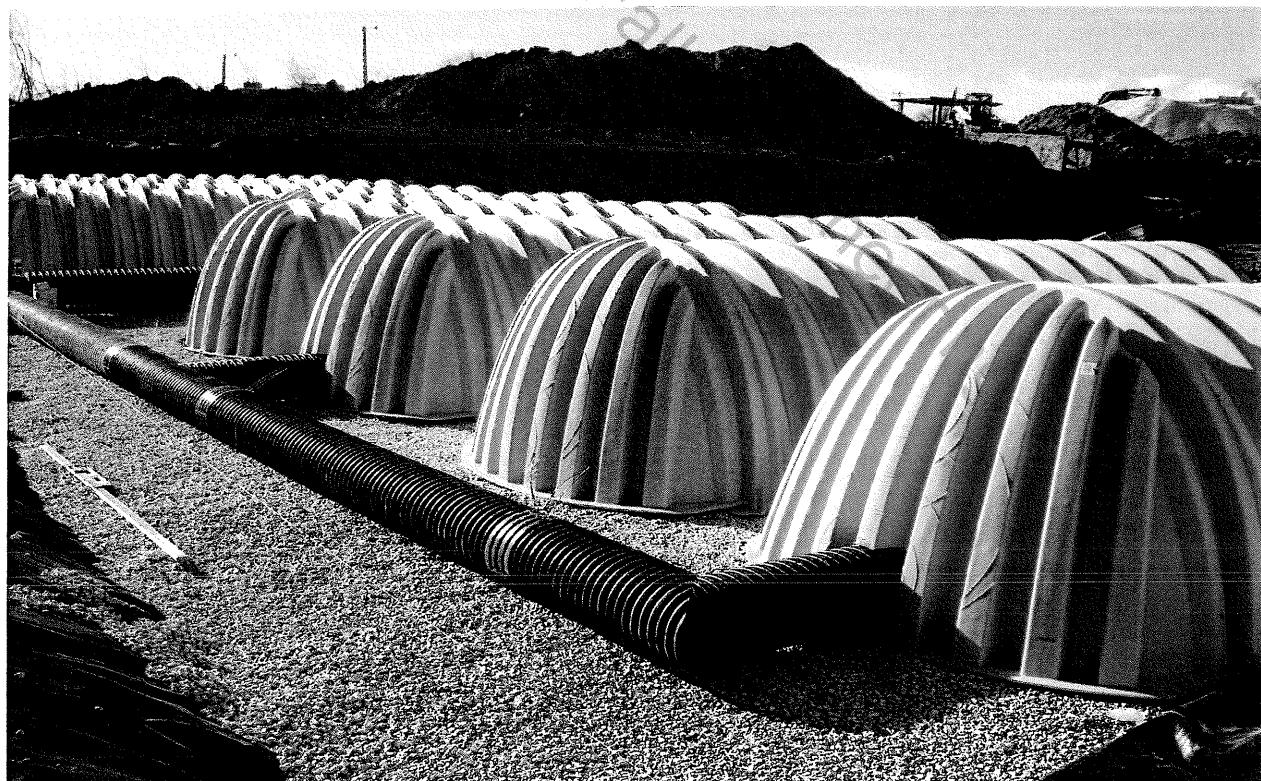
Jennifer Schaff  
920 751 4200

Date: 11/6/14	Signature: Jennifer Schaff
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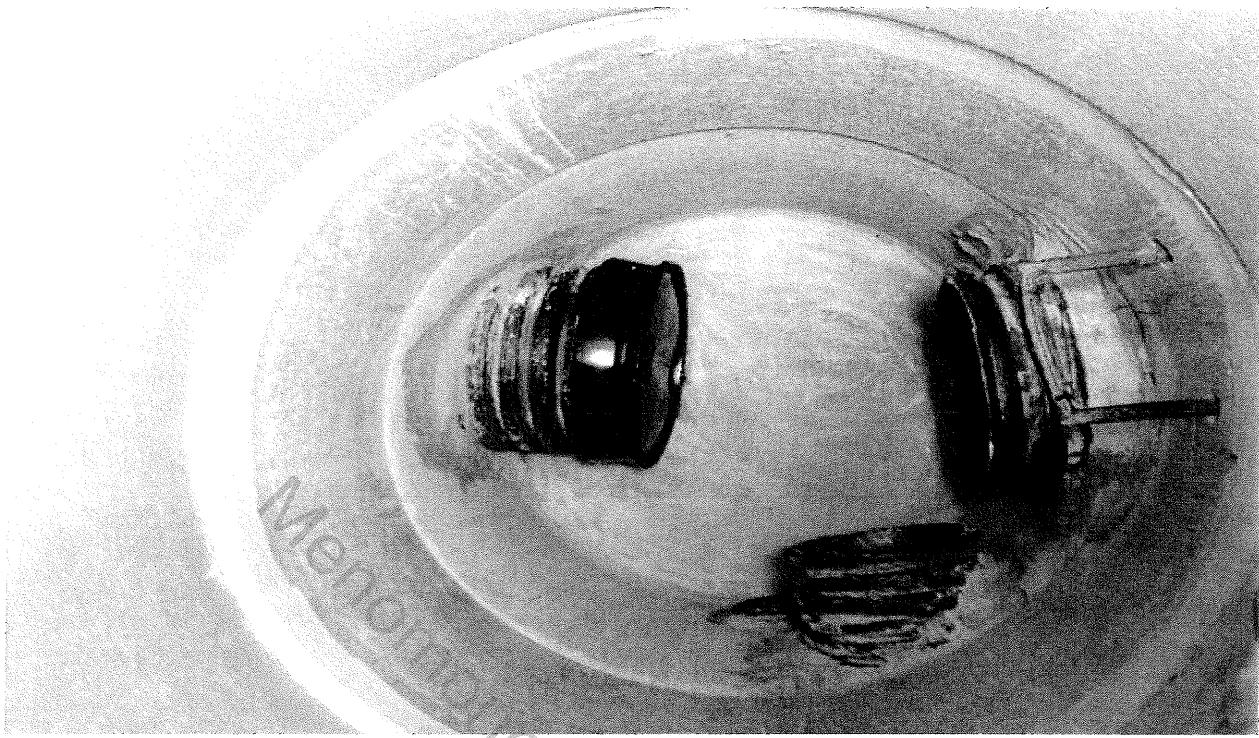
Menomonee Falls Assisted Living- Underground Detention



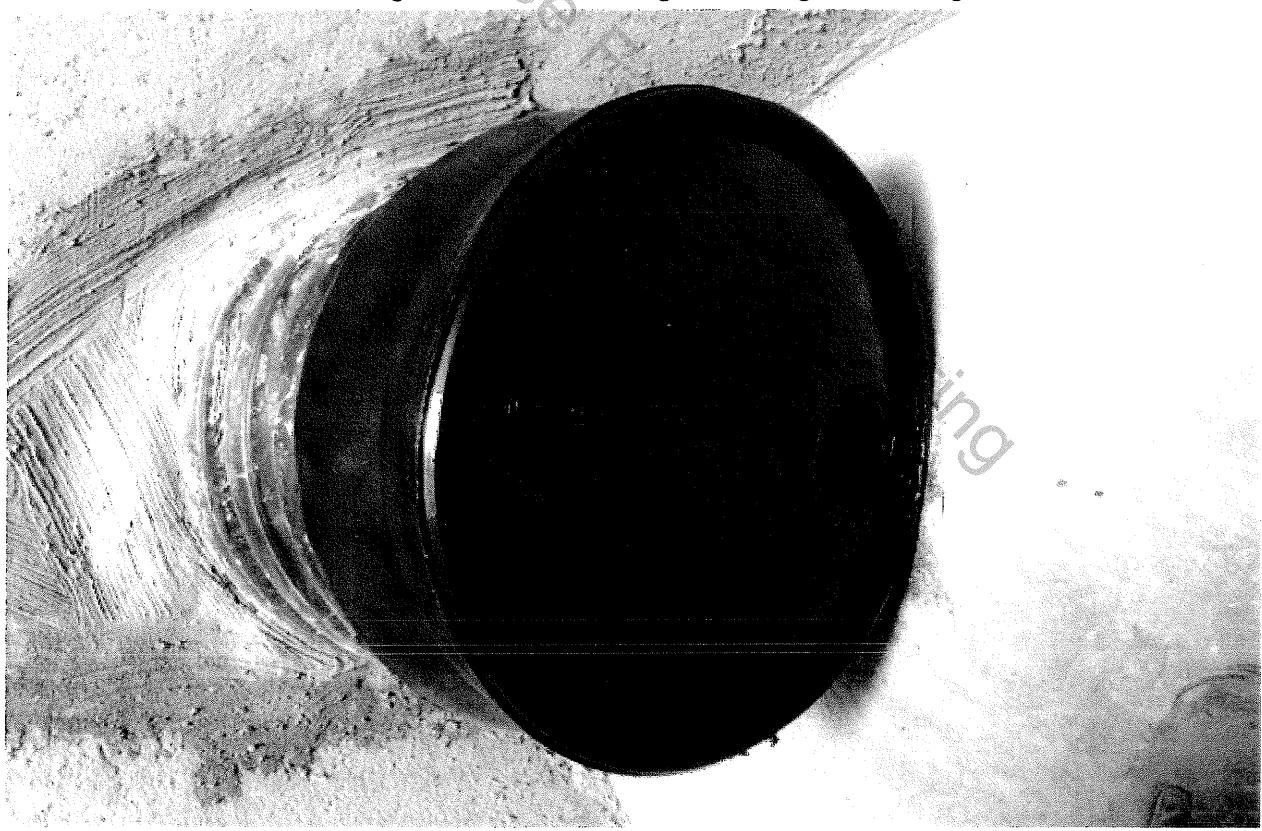


Menomonee Falls Assisted Living- Underground Detention





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



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

