



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 NW 02 Name of Business/Subdivision Wacker Neuson Corporation  
Property Tax ID Number MNFV0006992003 Address of Property N.92 W.15000 Anthony Avenue  
Date February 18, 2019 Menomonee Falls, Wisconsin

Dry Pond	
Wet Pond	X
Other	

Pond ID: P1  
SWP02N017

Location of Pond Underground Detention System located under southeast parking lot

Year Pond Constructed 2018 Year of Last Certification 2019

Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>					<b>Outlet Pipe Material</b>
Opening Diameter (inches)	12	12	X		Pipe from underground detention system to outlet control structure. Material is PVC.
Upstream Invert	777.69	777.87	X		
Downstream Invert	777.69	777.70	X		
Length (feet)	20	20	X		
Slope (%)	0.00	0.85	X		
<b>Secondary Outlet Pipe</b>	(If Applicable)				<b>Outlet Pipe Material</b>
Opening Diameter (inches)	12	12	X		Pipe from outlet control structure to next manhole. Material is PVC.
Upstream Invert	777.69	777.72	X		
Downstream Invert	777.65	777.60	X		
Length (feet)	35	35	X		
Slope (%)	0.10	0.34	X		
<b>Riser</b>	(If Applicable)				<b>Riser Material</b>
Opening Diameter (inches)	N/A	N/A			
Elevation	N/A	N/A			
<b>Upper Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	2.7	2.7	X		
Elevation	780.50	780.70	X		

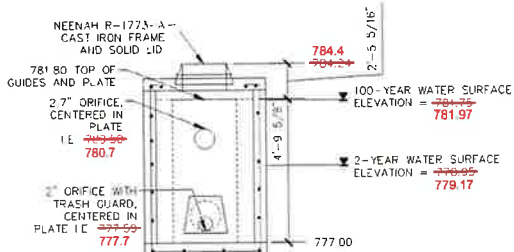
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)	2	2	X			
Elevation	777.50	777.70	X			
<b>Other (Description)</b>						
Opening Type and Size (inches)	N/A	N/A				
Elevation	N/A	N/A				
<b>Emergency Spillway</b>						
Elevation	N/A	N/A				
Length of spillway (feet)	N/A	N/A				
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	N/A	N/A				
Animal burrows or slope erosion	N/A	N/A				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1	12" PVC		NE corner			
Outfall 2	N/A					
Outfall 3	N/A					
<b>Storage Properties</b>	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	777.50	777.87	X			
Design High Water Elevation	781.75	781.97	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.07	0.07	X			
Area at Design High Water Elevation (Ac)	0.07	0.07	X			
Active Storage Available (Ac-Ft)*	0.33	0.32	X			
Lowest Elevation at Top of Embankment (If Applicable)	N/A	N/A				
Average Elevation at Top of Embankment (If Applicable)	782.00	782.19	X			
Maximum Bottom Elevation	N/A	N/A				
Average Pond Bottom Elevation	774.50	774.69	X			
Pond Bottom Area (Ac)	0.07	0.07	X			
Maximum Pond Depth	N/A	N/A				
Average Pond Depth	N/A	N/A				
Average Permanent Pool Depth (Wet Ponds)	3	3.18	X			

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

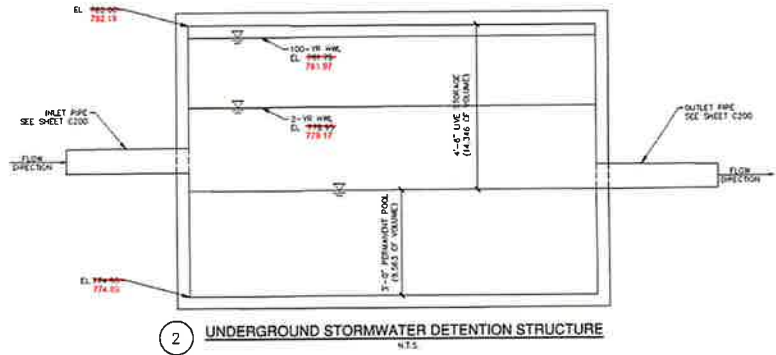
Wet Ponds Use  $H$  = Height of Section ,  $A1$ = area at normal water elevation,  $A2$ =area at top section

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

**Sketch Outlet or Attach to Document**



OUTLET CONTROL STRUCTURE



2 UNDERGROUND STORMWATER DETENTION STRUCTURE



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

Inspection Firm: Payne & Dolan Incorporated Inspector Name: Parker Sovey  
 Phone Number: 262-524-1879 Inspection Date: 1/18/2019  
 Address: N3 W23650 Badinger Road  
Waukesha, Wisconsin 53188

Certifying Professional Name: Jayme Sisel, P.E. / GRAEF  
 Phone Number: 414-259-1500



Date: 3/12/2019

Signature:

*J. Sisel*

Affix Seal Here 3/12/2019