



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
Property Tax ID Number
Date February 18, 2019

NW 02 Name of Business/Subdivision Wacker Neuson Corporation
MNFV0006992003 Address of Property N.92 W.15000 Anthony Avenue
Menomonee Falls, Wisconsin

Dry Pond		Location of Pond	Underground Detention System located under southeast parking lot
Wet Pond	X		
Other			

Pond ID: P1
SWP02N017

Year Pond Constructed 2018 Year of Last Certification 2019

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
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		
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
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		
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)	N/A	N/A			
Elevation	N/A	N/A			
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)	2.7	2.7	X		
Elevation	780.50	780.70	X		

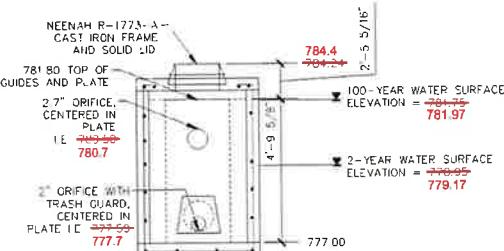
Compliance Verification	Design	Actual	Compliant Yes No		Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)	2	2	X		
Elevation	777.50	777.70	X		
Other (Description)					
Opening Type and Size (inches)	N/A	N/A			
Elevation	N/A	N/A			
Emergency Spillway					
Elevation	N/A	N/A			
Length of spillway (feet)	N/A	N/A			
Embankment	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			
Storm Sewer Outfalls	Type & Size		Location		Comments
Outfall 1	12" PVC		NE corner		
Outfall 2	N/A				
Outfall 3	N/A				
Storage Properties	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 $V=H/3(A1+A2+(A1xA2)1/2)$

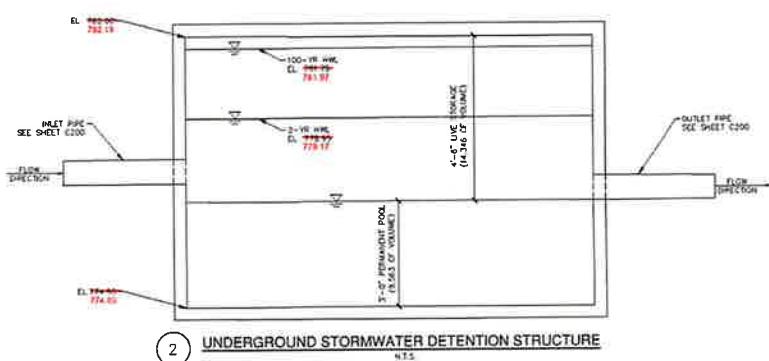
Wet Ponds Use H = Height of Section, $A1$ = area at normal water elevation, $A2$ = area at top section

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

Sketch Outlet or Attach to Document



OUTLET CONTROL STRUCTURE



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

Inspection Firm: Payne & Dolan Incorporated
 Phone Number: 262-524-1879
 Address: N3 W23650 Badinger Road
Waukesha, Wisconsin 53188

Inspector Name: Parker Sovey
 Inspection Date: 1/18/2019

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

Date: 3/12/2019	Signature: 
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