



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 3-8-20 Name of Business/Subdivision BEST BUY
Property Tax ID Number 0010-970 Address of Property N95W16855 RICHFIELD WAY
MENOMONEE FALL, WI

Dry Pond		Description: <u>LOT 1 CSM 9984</u>	Location Of Pond	POND 1 - NE CORNER OF PROPERTY.
Wet Pond	X			
Other				

Year Pond Constructed 2005 Year of Last Certification 2006 for 2009

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter (inches)	22X34 (2)	22X34 (2)	X	Outlet Pipe Material CONCRETE
Upstream Invert	840.40	840.56	X	
Downstream Invert	840.40	840.41	X	
Length (feet)	100	99	X	
Slope (%)	0.15%	0.15%	X	
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 No		Comments
Lower Discharge Control		(If Applicable)				
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	844 . 75	844.7	X			
Length of spillway (feet)	28X9	29X12	X			
Embankment		Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls		Type & Size		Location		Comments
Outfall 1	22X34 HECP					
Outfall 2						
Outfall 3						
Storage Properties		Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	840 . 5	840 . 56	X			Physically poked the bottom of the pond with an elevation rod. Appears only to have 0.10 to 0.20 feet of silt accumulation in areas checked.
Design High Water Elevation	844 . 1	844.6	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0 . 18	0 . 19	X			
Area at Design High Water Elevation (Ac)	0.19	0 . 19	X			
Active Storage Available (Ac-Ft)*						
Lowest Elevation at Top of Embankment (If Applicable)						
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	835 . 0	835 . 16	X			
Average Pond Bottom Elevation	835 . 0	835 . 21	X			
Pond Bottom Area (Ac)	0 . 06	0 . 06	X			
Maximum Pond Depth	5 . 5	5 . 56	X			
Average Pond Depth	5 . 5	5 . 56	X			
Average Permanent Pool Depth (Wet Ponds)						

*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

SEE ATTACHED
Place Photograph of Pond

SEE ATTACHED

SEE ATTACHED
Place Photograph of Pond

Inspection Firm: ARNOLD & O'SHERIDAN Inspector Name: DAVID ANDRUCZYK
Phone Number: (608) 821-8500 Inspection Date: AUGUST 10. 2011
Address: 1111 DEMMING WAY
SUITE 200
MADISON, WI 53717

Certifying
Professional Name: DAVID ANDRUCZYK
Phone Number: (608) 821-8482

Date: _____ Signature: _____

Affix Seal Here