



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 FALLS, WI

Dry Pond	
Wet Pond	X
Other	

Description: LOT 1 CSM 9984

Location Of Pond POND 2 - WEST SIDE OF  
~~LOT MIDWAY BETWEEN FRONT~~  
~~AND BACK~~

Year Pond Constructed 2005

Year of Last Certification 2006

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
<b>Primary Outlet Pipe</b>					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X		CONCRETE
Upstream Invert	840.40	839.81	X		
Downstream Invert	839.9	839.82	X		
Length (feet)	50	40	X		
Slope (%)	1.0%	0.03%	X		
<b>Secondary Outlet Pipe</b> (If Applicable)					
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<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		Comments	
			Yes	No		
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)						
Elevation						
<b>Other (Description)</b>						
Opening Type and Size (inches)						
Elevation						
<b>Emergency Spillway</b>						
Elevation	844.75	844.91	X			
Length of spillway (feet)	20X19	25X11	X			
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	Design	Actual	Compliant		Not Applicable	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)	840.4	840.31	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	844.75	844.91	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.18	0.25	X			
Area at Design High Water Elevation (Ac)	0.38	0.44	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	833.0	828.12	X			
Average Pond Bottom Elevation	833.0	832.69	X			
Pond Bottom Area (Ac)	0.01	0.02	X			
Maximum Pond Depth	11.75	12.1	X			
Average Pond Depth	7.4	7.81	X			
Average Permanent Pool Depth (Wet Ponds)						

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

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

<p><i>Sketch Outlet</i></p> <p>SEE ATTACHED</p>	<p><i>Place Photograph of Pond</i></p> <p>SEE ATTACHED</p>
	<p><i>Place Photograph of Pond</i></p> <p>SEE ATTACHED</p>

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

*Affix Seal Here*

<p><i>Date:</i></p>	<p><i>Signature:</i></p>
---------------------	--------------------------