



2008 Rec 4-30-08  
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 36-8-20 Name of Business/Subdivision Milcut  
Property Tax ID Number MNFV0143999022 Address of Property N50 W13400 Overview Drive  
Menomonee Falls, WI

Dry Pond	<input type="checkbox"/>	<i>365001</i>	Description: <u>Storm Water Pond</u>	Location Of Pond	<u>Northwest corner of site, adjacent to building and loading docks</u>
Wet Pond	<input checked="" type="checkbox"/>				
Other	<input type="checkbox"/>				

Year Pond Constructed 2003 Year of Last Certification N.A.

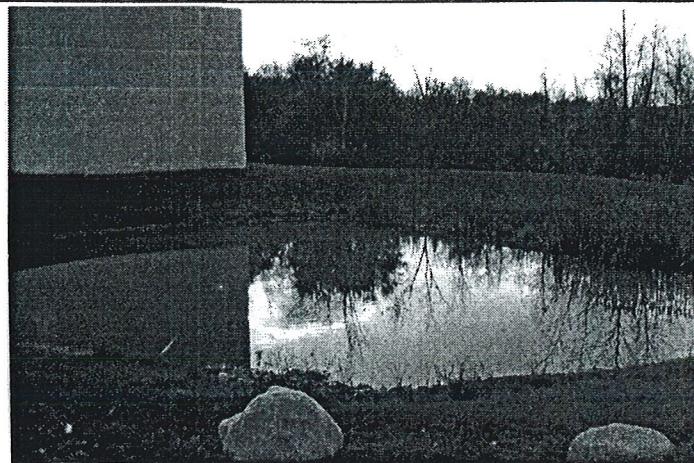
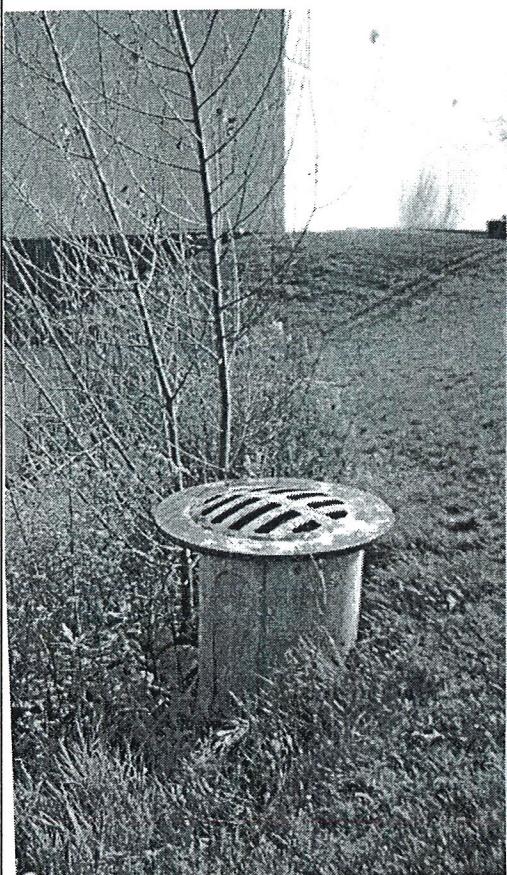
Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
<b><i>Primary Outlet Pipe</i></b>					
Opening Diameter	12"	12"	<input checked="" type="checkbox"/>		
Upstream Invert	751.60	751.65	<input checked="" type="checkbox"/>		Outlet functions per intended designed.
Downstream Invert	751.50	751.56	<input checked="" type="checkbox"/>		
Length	28	32	<input checked="" type="checkbox"/>		Outlet functions per intended design.
Slope	0.357%	0.281%	<input checked="" type="checkbox"/>		Sufficient slope to convey 100-yr pond outflow.
<b><i>Secondary Outlet Pipe</i></b> (If Applicable)					
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
<b><i>Riser</i></b> (If Applicable)					
Opening Diameter	24"	21"	<input checked="" type="checkbox"/>		Riser functions per intended design with 21".
Elevation	755.85	755.03		<input checked="" type="checkbox"/>	Lower elev. allows greater outflow for 100-yr.
<b><i>Upper Discharge Control</i></b> (If Applicable)					
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	No	Comments
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter	3"	5"		✓	Opening too large to meet allowable discharge.
Elevation	751.90	752.03	✓		Pond functions per intended design.
<b>Other (Description)</b>					
Opening Type					
Elevation					
<b>Emergency Spillway</b>					
Elevation	756.0	755.6	✓		Above 100-yr pond peak elevation.
Length of spillway	18 ft.	18 ft.	✓		
<b>Embankment</b>			Present Yes	No	
Unauthorized plantings, trees, or woody vegetation			✓		Tree growing at outlet structure.
Animal burrows or slope erosion			✓		Outlet clogged with debris & soil.
Storage Properties	Design	Actual	Compliant Yes	Points Surveyed	Equipment Used
Normal Water Elevation (Wet Ponds)	751.90	752.03	✓	18	Total Station
Design High Water Elevation	755.94	755.28	✓	27	Total Station
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.071	0.077	✓	18	Total Station
Area at Design High Water Elevation (Ac)	0.180	0.189	✓	27	Total Station
Active Storage Available (Ac-Ft)*	0.506	0.431	✓	45	Total Station
Lowest Elevation at Top of Embankment (If Applicable)	757.0	756.7	✓	37	Total Station
Average Elevation at Top of Embankment (If Applicable)	757.0	757.0	✓	37	Total Station
Maximum Bottom Elevation	747.5	747.8	✓	5	Total Station
Average Pond Bottom Elevation	748.0	748.0	✓	5	Total Station
Pond Bottom Area (Ac)	0.004	0.006	✓	5	Total Station
Maximum Pond Depth	4.4 ft.	4.2 ft.	✓	5	Total Station
Average Pond Depth	4.0 ft.	4.0 ft.	✓	48	Total Station

\*To Determine Active Storage  $V=H/3(A1+A2+(A1xA2)1/2)$

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

Sketch Outlet



Inspection Firm: Land Information Services  
Phone Number: (414) 527-9000  
Address: 8000 W. Good Hope Rd.  
Milwaukee, WI 53223

Inspector Name : Nicholas Kehl  
Inspection Date: 11/09/07

Certifying  
Professional Name: Mark Babich  
Phone Number: (414) 527-9000

Date:

11/09/07

Signature:

