



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 336 T8N R20E Name of Business/Subdivision Kohl's
 Property Tax ID Number 0142999005 Address of Property W134 N5450 CAMPBELL DRIVE

Dry Pond	
Wet Pond	
Other	<input checked="" type="checkbox"/>

Description: 36N004
810-RETENTION Asbuilt

Location Of Pond NORTH SIDE OF PROPERTY

Year Pond Constructed 2009

Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					
Opening Diameter	10"	10"	Yes		
Upstream Invert	746.0	746.1	}		
Downstream Invert	745.44	745.60			
Length	265'	271'			
Slope	0.2%	0.186%		↓	
Secondary Outlet Pipe (If Applicable) <u>N/A</u>					
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser (If Applicable)					
Opening Diameter	2'x3'	2'x3'	Yes		
Elevation	746.0	746.18	Yes		
Upper Discharge Control (If Applicable) <u>ORIFICE PLATE</u>					
Opening Diameter	3.5"	3.5"	Yes		
Elevation	746.0	746.1	Yes		

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)		N/A			
Opening Diameter						
Elevation						
Other (Description)			N/A			
Opening Type						
Elevation						
Emergency Spillway						
Elevation	751.0	751.2	Yes			
Length of spillway	10'	±10'	Yes			
Embankment			Present			
			Yes	No		
Unauthorized plantings, trees, or woody vegetation				No		
Animal burrows or slope erosion				No		
Storage Properties	Design	Actual	Compliant		Points Surveyed	Equipment Used
			Yes	No		
Normal Water Elevation <i>(Wet Ponds) Bottom</i>	745.5	745.3	YES		SEE AS-BUILT PLAN	
Design High Water Elevation	750.0	750.0				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.028	0.032				
Area at Design High Water Elevation (Ac)	0.195	0.184				
Active Storage Available (Ac-Ft)*	0.50	0.48				
Lowest Elevation at Top of Embankment (If Applicable)	752.0	751.6				
Average Elevation at Top of Embankment (If Applicable)	752.0	752.0				
Maximum Bottom Elevation	N/A	N/A				
Average Pond Bottom Elevation	N/A	N/A				
Pond Bottom Area (Ac)	N/A	N/A				
Maximum Pond Depth	N/A	N/A				
Average Pond Depth	N/A	N/A	✓			

*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

SEE POND AS-BUILT
PLAN.

Place Photograph of Pond

SEE ATTACHED

Place Photograph of Pond

SEE ATTACHED

Inspection Firm:

LANDCRAP

Inspector Name :

AARON E. KOCH

Phone Number:

414-604-0674

Inspection Date:

Address:

2077 S. 116TH ST.

WEST ALLIS, WI 53227

Certifying

Professional Name:

AARON E. KOCH

Phone Number:

414-604-0674



Date:

12/3/09

Signature:

[Handwritten Signature]

Affix Seal Here



