



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 SW ¼ SEC 35 Name of Business/Subdivision Brook – Falls Veterinary Hospital
 Property Tax ID Number Mnfv0139991 Address of Property N48 W14850 Lisbon Road
 Date 7/28/2016 Menomonee Falls, WI 53051

Dry Pond	
Wet Pond	XXX
Other	

Location of Pond NE Corner of the property
 Pond ID: SWP35s003

Year Pond Constructed 2011 Year of Last Certification 2012

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12	12	x		
Upstream Invert	782.00	782.21	x		
Downstream Invert	781.00	781.17	x		
Length (feet)	34	32	x		
Slope (%)	2.94%	3.25%	x		
Secondary Outlet Pipe (If Applicable)					
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser (If Applicable)					
Opening Diameter (inches)	24	24	x		
Elevation	783.80	783.91	x		
Upper Discharge Control (If Applicable)					
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	2"	2"	x			
Elevation	782.00	782.21	x			
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	784.00	783.90	x			
Length of spillway (feet)	8'	10'	x			
Embankment	Present		Comments/Maintenance Requirements			
	Yes	no				
Unauthorized Plantings, trees, or woody vegetation		x				
Animal burrows or slope erosion		x				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant		Not Applicable	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)	782.00	782.20	x			
Design High Water Elevation	783.90	783.90	x			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.238	0.226	x			
Area at Design High Water Elevation (Ac)	0.361	0.371	x			
Active Storage Available (Ac-Ft)*	0.565	0.595	x			
Lowest Elevation at Top of Embankment (If Applicable)	784.00	783.90	x			
Average Elevation at Top of Embankment (If Applicable)	785.00	785.00	x			
Maximum Bottom Elevation	777.00	776.16	x			
Average Pond Bottom Elevation	777.00	777.00	x			
Pond Bottom Area (Ac)	0.026	0.026	x			
Maximum Pond Depth	5'	5.8'	x			
Average Pond Depth	5'	5'	x			
Average Permanent Pool Depth (Wet Ponds)	5'	5'	x			

*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

<p><i>Sketch Outlet or Attach to Document</i></p> <p>SEE ATTACHED</p>	<p><i>Place Photograph of Pond or Attach to Document</i></p> <p>SEE ATTACHED</p>
	<p><i>Place Photograph of Pond or Attach to Document</i></p> <p>SEE ATTACHED</p>

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

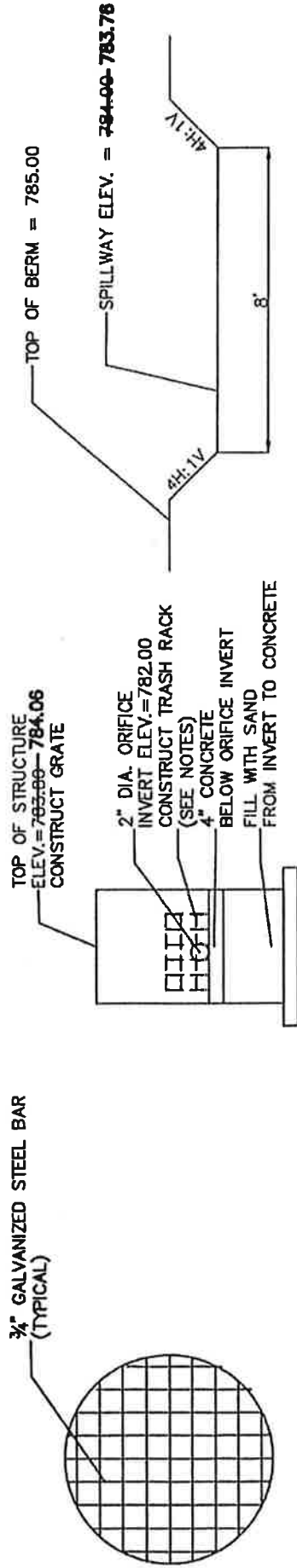
Inspection Firm:	<u>Key Engineering Group</u>	Inspector Name :	<u>J. Bradford Meyer</u>
Phone Number:	<u>(414) 224-8300 Ext. 209</u>	Inspection Date:	<u>7/28/16</u>
Address:	<u>735 North Water Street</u>		
	<u>Suite 510</u>		
	<u>Milwaukee, WI 53202</u>		

Certifying Professional J. Bradford Meyer
 Name:
 Phone Number: (414) 224-8300 Ext. 209



<p>Date: <u>7/28/16</u></p>	<p>Signature: <u>John Bradford Meyer</u></p>
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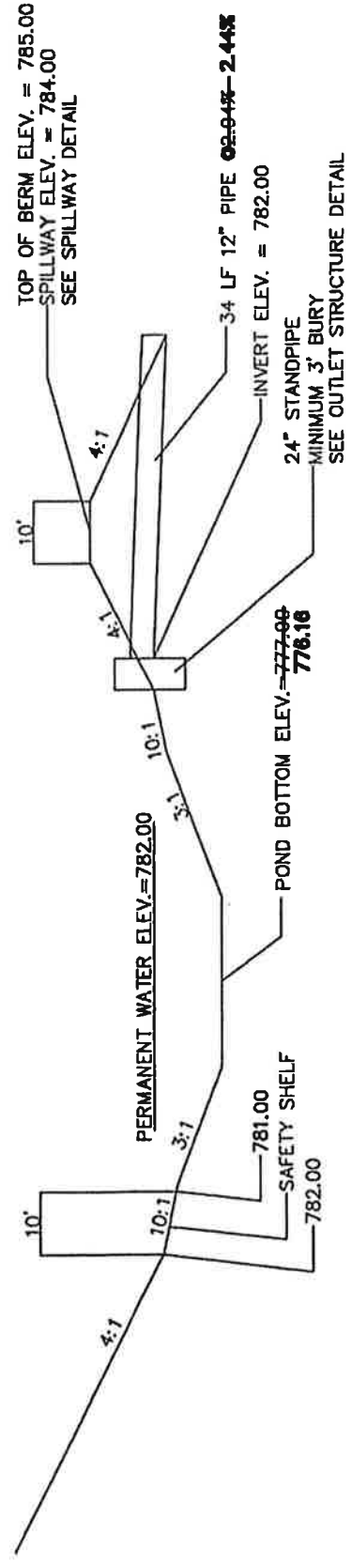
Affix Seal Here



GRATE DETAIL

OUTLET STRUCTURE DETAIL

SPILLWAY DETAIL



POND CROSS-SECTION DETAIL



