



2005

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 Name of Business/Subdivision Weimer Bearing
Property Tax ID Number 0142999010 Address of Property W134 N5368 Campbell Dr

Dry Pond	☒
Wet Pond	☐
Other	☐

Description: 36 NOO3 Location Of Pond East side of property
Dry pond for
Facility Expansion

Year Pond Constructed 2006 Year of Last Certification -

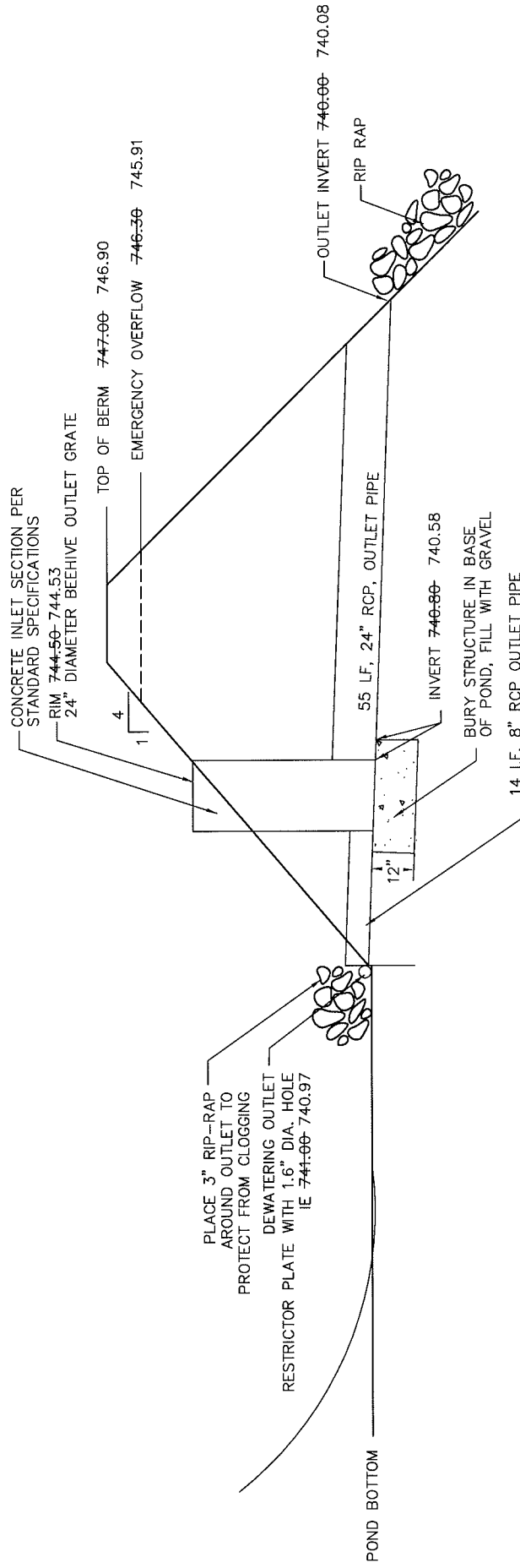
Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter	1.6"	1.6"	✓	
Upstream Invert	741.00	740.97	✓	
Downstream Invert	740.00	740.08	✓	
Length	69'	69'	✓	
Slope	1.45%	1.29%	✓	
Secondary Outlet Pipe (If Applicable)				
Opening Diameter				
Upstream Invert				
Downstream Invert				
Length				
Slope				
Riser (If Applicable)				
Opening Diameter	24"	24"	✓	
Elevation	744.50	744.53	✓	
Upper Discharge Control (If Applicable)				
Opening Diameter				
Elevation				

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter						
Elevation						
Other (Description)						
Opening Type						
Elevation						
Emergency Spillway						
Elevation	746.30	745.91	✓			
Length of spillway	25'	27'	✓			
Embankment			Present Yes No			
Unauthorized plantings, trees, or woody vegetation				✓		
Animal burrows or slope erosion				✓		
Storage Properties	Design	Actual	Compliant Yes No		Points Surveyed	Equipment Used
Normal Water Elevation (Wet Ponds)	—	—				
Design High Water Elevation	744.32	744.57	✓		132	total station
Area at Normal Water Elevation (Ac) (Wet Ponds)	—	—				
Area at Design High Water Elevation (Ac)	0.096	0.085	✓		132	total station
Active Storage Available (Ac-Ft)*	0.174	0.144	✓		132	total station
Lowest Elevation at Top of Embankment (If Applicable)	746.30	745.91	✓		47	total station
Average Elevation at Top of Embankment (If Applicable)	747.00	746.90	✓		47	total station
Maximum Bottom Elevation	741.00	741.00	✓		21	total station
Average Pond Bottom Elevation	741.00	741.20	✓		21	total station
Pond Bottom Area (Ac)	0.014	0.005 0.004	✓		21	total station
Maximum Pond Depth	3.32'	3.57	✓		132	total station
Average Pond Depth	—	—				

*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



POND CROSS SECTION AND TEMPORARY SILT BASIN CONTROL STRUCTURE

NOT TO SCALE

**Weimer Bearing Pond Certification
August 24, 2010**

Basin – looking south



Basin Primary Outlet



Basin Primary Outlet



Basin Primary Outlet



Basin Secondary Outlet



Rec 8/25/10

FROM: ☒ Milwaukee Division • 5417 North 118th Court • Milwaukee, WI 53225 • (414) 616-4880 • Fax (414) 616-4885



TO: Engineering Dept.

DATE: August 24, 2010

Village of Menomonee Falls

RE: Weimer Bearing

W156 N8480 Pilgrim Road

Menomonee Falls, WI

Menomonee Falls, WI 53051

WE ARE SENDING YOU: ☒ Attached ☐ Under separate cover

Via: _____

COPIES	DATE	NO.	DESCRIPTION
1	8/24/10		Storm water pond recertification

THESE ARE TRANSMITTED AS CHECKED: (If enclosures are not as listed, please notify us at once.)

- | | | |
|---|--|---|
| ☐ As requested | ☐ For signature | ☐ Returned for corrections |
| ☐ For review and comment | ☐ Approved as submitted | ☒ For your use |
| ☐ For approval | ☐ Approved as noted | |

COPY TO: _____

SIGNED: Evon P. Nickodem