



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 SEC 32 Name of Business/Subdivision TAMARIND – PHASE 2
Property Tax ID Number _____ Address of Property TAMARIND WAY
Date 11-14-2019 _____

Dry Pond	X
Wet Pond	
Other	

Location of
Pond

OUTLOT 7

Pond ID: POND 4

Year Pond
Constructed

2019

Year of Last
Certification

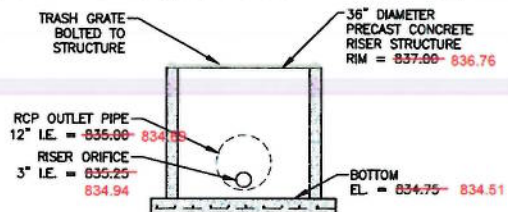
Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12	12	X		Reinforced Concrete Additional active storage volume provided in lieu of primary outlet pipe reconstruction.
Upstream Invert	835.00	834.69		X	
Downstream Invert	833.62	834.21		X	
Length (feet)	46.0	43.1		X	
Slope (%)	3.00	1.11		X	
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)	3	3	X		Reinforced Concrete
Upstream Invert	835.25	834.94		X	
Downstream Invert	NA				
Length (feet)	NA				
Slope (%)	NA				
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)	36	36	X		Reinforced Concrete
Elevation	837.00	836.76	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)	NA				
Elevation	NA				

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	NA					
Elevation	NA					
Other (Description)						
Opening Type and Size (inches)	NA					
Elevation	NA					
Emergency Spillway						
Elevation	838.25	838.43	X			
Length of spillway (feet)	20	21	X			
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	NA					
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	NA				X	Trimble Survey Grade RTK GNSS & Robotic Total Station
Design High Water Elevation	837.21	837.39	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	NA					
Area at Design High Water Elevation (Ac)	0.059	0.077	X			
Active Storage Available (Ac-Ft)*	0.077	0.098	X			
Lowest Elevation at Top of Embankment (If Applicable)	839.25	839.22	X			
Average Elevation at Top of Embankment (If Applicable)	839.25	839.30	X			
Maximum Bottom Elevation	835.00	834.88	X			
Average Pond Bottom Elevation	835.00	834.99	X			
Pond Bottom Area (Ac)	0.015	0.014	X			
Maximum Pond Depth	4.25	4.11	X			
Average Pond Depth	4.25	4.00	X			
Average Permanent Pool Depth (Wet Ponds)	NA					

*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

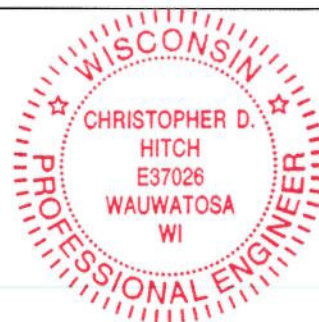


Attach As-built Survey to the Document for the first report submission

Inspection Firm: RA SMITH, INC.
 Phone Number: 262-781-1000
 Address: 16745 W. BLUEMOUND RD.
BROOKFIELD, WI 53005

Inspector Name : CHRISTOPHER HITCH
 Inspection Date: 7-11-2019

Certifying Professional CHRISTOPHER HITCH
 Name:
 Phone Number: 262-781-1000



Date: 11.14.2019

Signature:

Affix Seal Here