

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section 34 SW Name of Business/Subdivision RUSSEL CT WETLAND/POND
Property Tax ID Number 0135996002 Address of Property _____

Dry Pond		Description: <u>SWP34S002</u> <u>NO PLANS FOUND</u>	Location Of Pond	EAST OF RUSSEL CT
Wet Pond	X			NORTH OF LISBON RD
Other				

Year Pond Constructed N/A Year of Last Certification 2015

Compliance Verification	Design (Non- AsBuilt)	Actual (GPS)	Compliant Yes	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter (inches)	N/A	12" PVC	Y	-
Upstream Invert (ST011244)	N/A	877.52	Y	-
Downstream Invert (ST011245)	N/A	876.68	Y	-
Length (feet)	N/A	131.1 FT	Y	-
Slope (%)	N/A	0. 64%	Y	-
Secondary Outlet Pipe				
Opening Diameter (inches)			-	-
Upstream Invert			-	-
Downstream Invert			-	-
Length (feet)			-	-
Slope (%)			-	-
Riser				
Opening Diameter (inches)			-	-
Elevation			-	-
Upper Discharge Control				
Opening Diameter (inches)			-	-
Elevation			-	-

Compliance Verification	Design	Actual	Compliant Yes	No	Comments	
Lower Discharge Control	N/A					
Opening Diameter (inches)			-	-		
Elevation			-	-		
Other (Description)	N/A					
Opening Type and Size (inches)			-	-		
Elevation			-	-		
Emergency Spillway						
Elevation	N/A	878.10	Y	-		
Length of spillway (feet)	N/A	3.0 FT	Y	-	SE CORNER OF POND, S OF ST011244, A DITCH FILLED IN NEAR SE SIDE OF POND	
Embankment	Present Yes		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	Y	-	TREES/BRUSH ON EMBANKMENT			
Animal burrows or slope erosion or hole	-	N				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST011236)	CMP - 15" X 18"		NEAR W167N4887		RUSSEL CT D/W	
Outfall 2 (ST004975)	CMP - 18"		NW CORNER OF		POND @ ROAD - CMP FAIR COND.	
Outfall 3 (ST011241)	CAST IRON - 7"		EAST EMBANKMENT		NORTH MOST - FAIR COND	
Outfall 4 (ST011243)	CAST IRON - 7"		EAST EMBANKMENT		CENTRAL - FAIR COND	
Outfall 5 (ST011246)	CAST IRON - 5"		EAST EMBANKMENT		SOUTH MOST - FAIR COND	
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes	Not Applicable	Equipment Used	
Normal Water Elevation (Wet Ponds)	N/A	878.10	Y	-	GPS EQUIPMENT: GEOMAX ZENITH35 & CARLSON SURVEYOR2 WITH SURV CE v5.04	
Design High Water Elevation	N/A	878.40	Y	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	1.709 AC	Y	-		
Area at Design High Water Elevation (Ac)	N/A	1.709 AC	Y	-		
Active Storage Available (Ac-Ft)*	N/A	0.527 ACFT	Y	-		
Lowest Elevation at Top of Embankment (If Applicable)	N/A	878.40	Y	-		
Average Elevation at Top of Embankment (If Applicable)	N/A	880.00	Y	-		
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	-	-		
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A	-	-	DEPTH NOT EVALUATED	

*To Determine Active Storage $V = ((H/3)(A1 + A2 + ((A1 + A2)^{(1/2)})))$

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

Dry Ponds Use $H = \text{Height of Section}$, $A1 = \text{pond bottom area}$, $A2 = \text{area at top section}$

Russell Ct Wetland – SWP34S002

Overview



Inlet ST011235



Outlet ST011236



Russell Ct Wetland – SWP34S002

Culvert ST004976



Culvert ST004975



Inlet ST011244



Outlet ST011245



Russell Ct Wetland – SWP34S002

Emergency Spillway (SE Corner) (Old Photo)

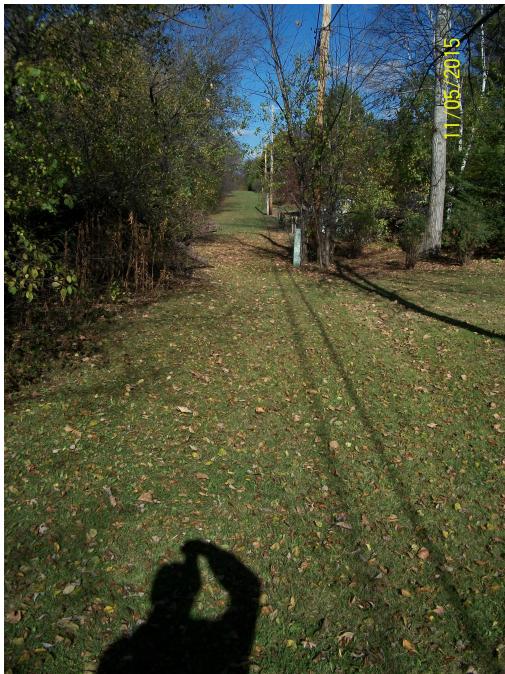


Pond Overflow Ditch to Lisbon (Old Photo)



Russell Ct Wetland – SWP34S002

Easterly Berm (Old Photos)



Looking North



Looking South

Russell Ct Wetland – SWP34S002

Repairs Needed (12/10/2020)



2015 infill of pond in northeast corner near ST011241 on easterly berm remains.



- Are there any concerns regarding
the blocking of this ditch on the south side of the pond?

Sketch Outlet

Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: VILLAGE OF
MENOMONEE FALLS
Phone Number: 262-532-4411
Address: W156N8480 PILGRIM RD
MENOMONEE FALLS, WI
53051

Inspector Name: CHRISTOPHER M GARIEPY
Inspection Date: 12/10/2020

Certifying
Professional Name: THOMAS M HOFFMAN, P.E.
Phone Number: (262) 532-4415

Date: 1/28/2021

Signature: THOMAS M HOFFMAN



Affix Seal Here