



VILLAGE OF MENOMONEE
FALLS
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051
(262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section 27 NE Name of Business/Subdivision KOHLER LANE RETENTION POND
Property Tax ID Number 0105997003 Address of Property _____

Dry Pond	
Wet Pond	X
Other	

Description: SWP27N002 Location Of Pond ACROSS FROM
NO PLANS AVAILABLE N60W15979 KOHLER LN
MENOMONEE FALLS, WI 53051

Year Pond Constructed 2001 Year of Last Certification 2015

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	N/A	15"	-	-	PVC IN GOOD CONDITION 2020 ELEVATIONS DIFFER BY 0.50' DUE TO NAD_83 MONUMENTATION USED. ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Upstream Invert (ST010732)	N/A	808.63	-	-	
Downstream Invert (ST000709)	N/A	808.12	-	-	
Length (feet)	N/A	89.6 FT	-	-	
Slope (%)	N/A	0.0056%	-	-	
Secondary Outlet Pipe	N/A				Outlet Pipe Material
Opening Diameter (inches)	-	-	-	-	
Upstream Invert	-	-	-	-	
Downstream Invert	-	-	-	-	
Length (feet)	-	-	-	-	
Slope (%)	-	-	-	-	
Riser	N/A				Riser Material
Opening Diameter (inches)			-	-	
Elevation			-	-	
Upper Discharge Control	N/A				
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	819.00	-	-		
Length of spillway (feet)	N/A	72.0 FT	-	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	-	N	4 FT DIA DEPRESSION N OF KOHLER LN S OF POND NEAR W END			
Animal burrows or slope erosion or hole	Y	-				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST010731)	36” RCP		NW CORNER		GOOD CONDITION	
Outfall 2 (ST010733)	30” PVC		SW CORNER		GOOD CONDITION	
Outfall 3						
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	N/A	809.70	-	-		GPS EQUIPMENT: GEOMAX ZENITH35 & CARLSON SURVEYOR2 WITH SURV CE v5.04
Design High Water Elevation	814.00	819.00	-	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	0.240 AC	-	-		
Area at Design High Water Elevation (Ac)	0.9525 AC	2.103 AC	-	-		
Active Storage Available (Ac-Ft)*	3.210 ACFT	12.009 ACFT	-	-		
Lowest Elevation at Top of Embankment (If Applicable)	814.00	818.90	-	-		
Average Elevation at Top of Embankment (If Applicable)	819.5	819.32	-	-		
Maximum Bottom Elevation	810.00	810.00	-	-		
Average Pond Bottom Elevation	809.50	809.68	-	-		
Pond Bottom Area (Ac)	0.5658 AC	0.0240 AC	-	-		
Maximum Pond Depth	4.25 FT	-	-	-		DEPTH NOT EVALUATED
Average Pond Depth	4.0 FT	9.30 FT	-	-		
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A	-	-		DEPTH OF WATER NOT SURVEYED IN 2020

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

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

Kohler Lane Retention Pond – SWP27N002

Overview



Storm Water Outlet ST010731



Kohler Lane Retention Pond – SWP27N002

Storm Water Outlet ST010733



Storm Water Inlet ST010732



Kohler Lane Retention Pond – SWP27N002

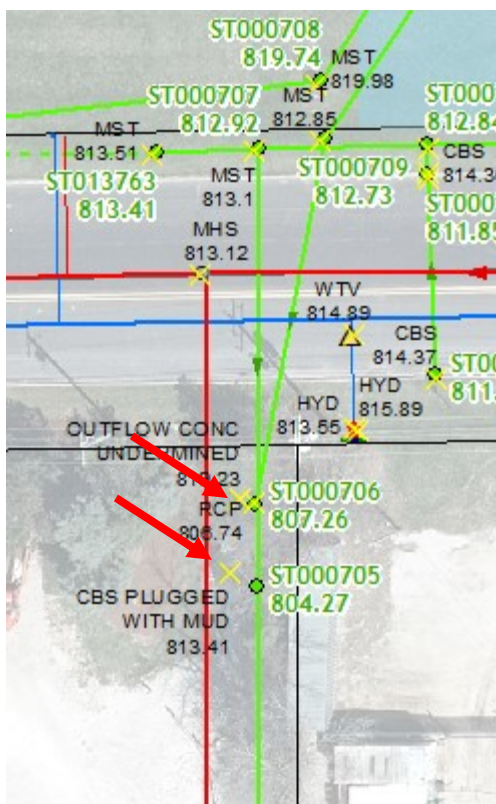
Pond Outlet ST000706



Kohler Lane Retention Pond – SWP27N002

Repairs Needed:

- 1) Storm Water Inlet ST000706
(S side of Kohler Ln between N60W16073 Kohler Ln & N60W15979 Kohler Ln)
Resolve void hazard.



- 2) Storm
Water Inlet
ST000705

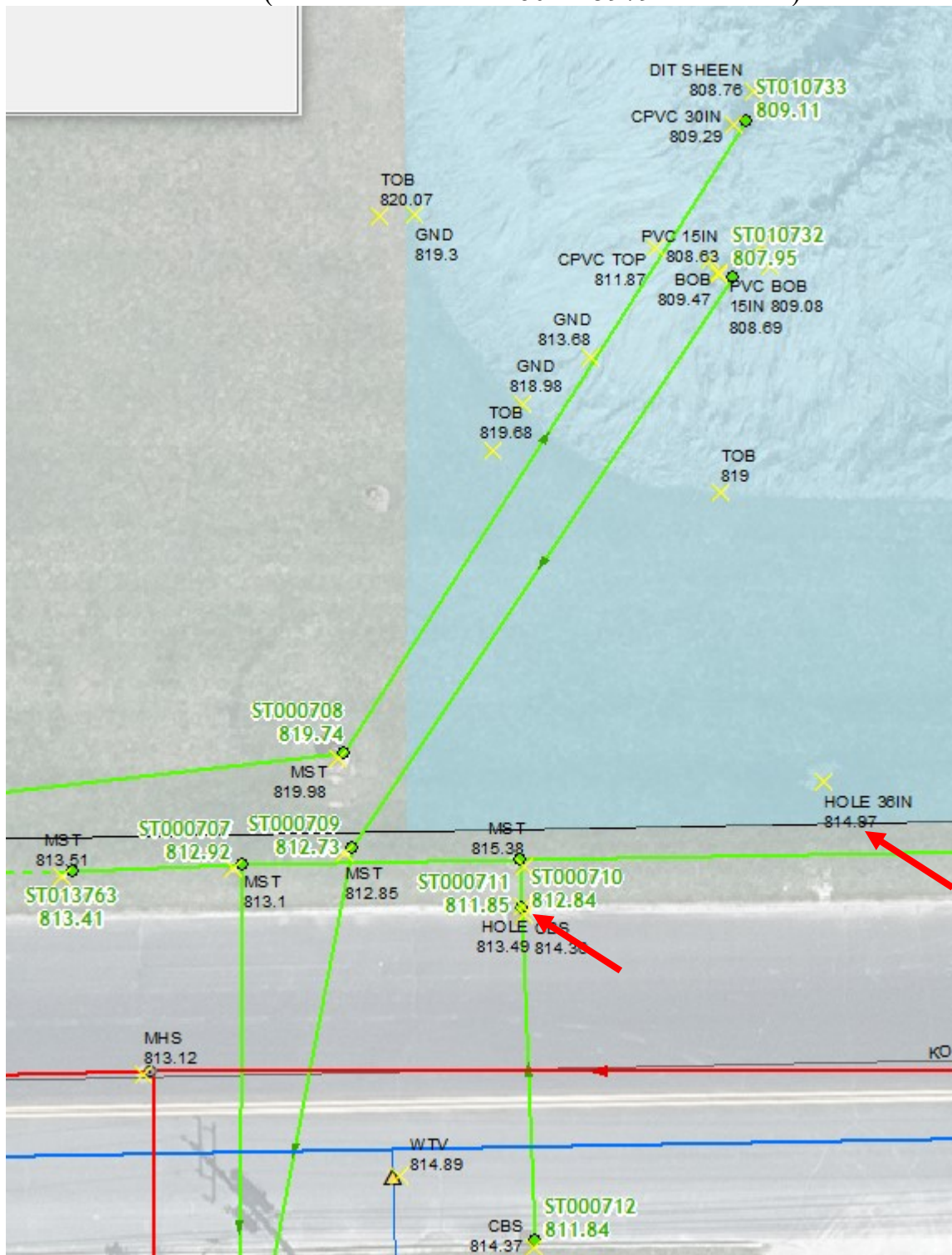
Covered by mud.

Clear mud,
confirm storm
sewer not
clogged also.
Work request
submitted
12/23/2020.



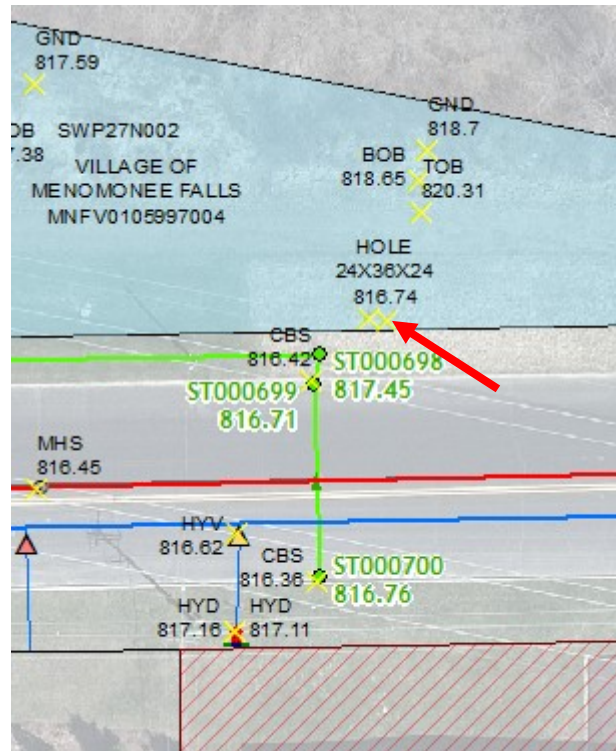
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- 3) Storm Water Catch Basin... Hole in ground behind structure ST000711.
- 4) Hole in ground S of SW corner of pond.
(Both across from N60W15979 Kohler Ln)



Kohler Lane Retention Pond – SWP27N002

5) 24x36x24 Hole across from N60W15725 Kohler Ln.



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: 12/22/2020

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

Date: 1/28/2021

Signature: 



Affix Seal Here