



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 11 NW Name of Business/Subdivision MENO. FALLS VILLAGE HALL
Property Tax ID Number 0042964001 Address of Property W156N8480 PILGRIM RD
MENO. FALLS, WI 53051

Dry Pond	
Wet Pond	
Other	X

Description: SWP11N006
P-0145

Location Of Pond 2ND NORTHERLY MOST POND AT
NW CORNER OF VLG HALL
CAMPUS

Year Pond Constructed 2013 Year of Last Certification N/A

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe (ST010392)					Outlet Pipe Material
Opening Diameter (inches)	12" RCP	12" RCP	-	-	12" RCP IN GOOD CONDITION
Upstream Invert	781.00	781.24	-	-	
Downstream Invert	779.50	779.72	-	-	
Length (feet)	33.2 FT	35.2 FT	-	-	
Slope (%)	0.0452%	0.0399%	-	-	
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) (ST013439)	24"	24"	-	-	GOOD CONDITION
Elevation	784.25	784.32	-	-	
Upper Discharge Control	N/A				
Opening Diameter (inches)			-	-	
Elevation			-	-	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(ST013439)					
Opening Diameter (inches)	1”	1”	-	-		
Elevation	781.00	781.12	-	-		
Other (Description)	N/A					
Opening Type and Size (inches)			-	-		
Elevation			-	-		
Emergency Spillway						
Elevation	784.00	784.02	-	-		
Length of spillway (feet)	11.0 FT	8.4 FT	-	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	-	X				
Animal burrows or slope erosion or hole	-	X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST013446)	RCP 15”		WEST SIDE OF PONE		GOOD CONDITION	
Outfall 2	-		-		-	
Outfall 3	-		-		-	
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation <i>(Wet Ponds)</i>	N/A	N/A	-	-	N/A	GPS EQUIPMENT: SOKKIA GSR2700ISX & CARLSON SURVEYOR+ WITH SURV CE v3.02
Design High Water Elevation	785.00	784.62	-	-		
Area at Normal Water Elevation (Ac) <i>(Wet Ponds)</i>	N/A	N/A	-	-	N/A	
Area at Design High Water Elevation (Ac)	0.036 AC	0.032 AC	-	-		
Active Storage Available (Ac-Ft)*	0.310 ACFT	0.259 ACFT	-	-		
Lowest Elevation at Top of Embankment (If Applicable)	784.00	784.22	-	-		
Average Elevation at Top of Embankment (If Applicable)	785.00	784.95	-	-		
Maximum Bottom Elevation	781.00	781.12	-	-		
Average Pond Bottom Elevation	781.00	781.08	-	-		
Pond Bottom Area (Ac)	0.002 AC	0.005 AC	-	-		
Maximum Pond Depth	4.00 FT	4.10 FT	-	-		
Average Pond Depth	4.00 FT	4.10 FT	-	-		
Average Permanent Pool Depth <i>(Wet Ponds)</i>	N/A	N/A	-	-	N/A	

*To Determine Active Storage $V = \left(\left(\frac{H}{3} \right) \left(A_1 + A_2 + \left(\left(A_1 + A_2 \right)^{\left(\frac{1}{2} \right)} \right) \right) \right)$

Wet Ponds Use H = Height of Section, A_1 = area at normal water elevation, A_2 = area at top section

Dry Ponds Use H = Height of Section, A_1 = pond bottom area, A_2 = area at top section

Old Fall Village Park Retention Pond – SWP11N006

Overview (Looking SE)



Overflow Structure ST013439



Old Fall Village Park Retention Pond – SWP11N006

Outlet ST013446



Emergency Spillway



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: 5/19/2014

Certifying
Professional Name:
Phone Number:

Thomas M Hoffman
262-532-4415



Date: 3/24/2015

Signature: [Handwritten Signature]

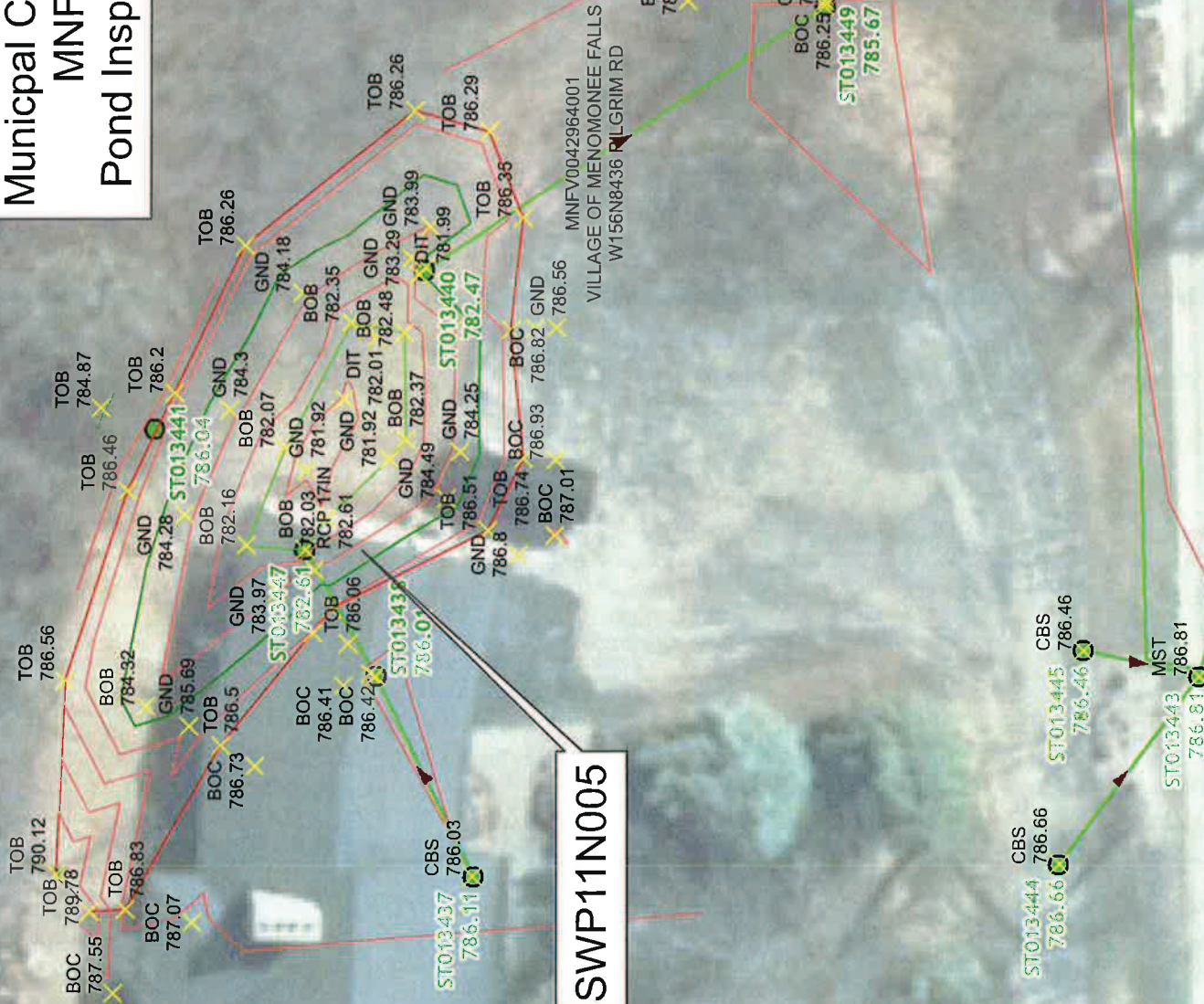
Affix Seal Here

SWP11N005-SWP11N006 Municipal Campus - Metcalfe Lot MNfV0042964001 Pond Inspection 051914 CMG



SWP11N005

SWP11N006



75' Wetland Buffer

TOP OF BERM @ 786.5

785.00

OVERFLOW WEIR
ELEVATION: 785.0

786

785

784

783

782

11 ~ 00 S

Pond 1

MEDIUM RIP-RAP

TOP OF BERM @ 786.5

ROP APRON 1
INVERT ELEV.: 782.5

781.00

INLET 2

OUTFALL 1
SEE OUTFALL DETAIL

55.79' @ 12" RCP @ 0.45%

INLET 1

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGOING SURGERY, YOU MUST REGISTER IN ADVANCE.

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

FAX A LOCATE 1-800-338-3840
TOD (FOR INCLUDING IMPACTS) 1-800-542-2258

1-877-786-1141 (BARRIERS 1-877-20)
FOR A COMPLETE LIST OF LOCATIONS, REGISTER WITH A LOCATE OFFICE BEFORE YOU EXAMINE.

EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING EXACT LOCATIONS OF ALL UTILITIES FROM DIGGER'S HOTLINE BEFORE BEGINNING CONSTRUCTION.



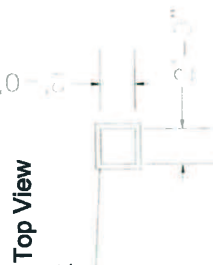
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CALL DIGGERS' HOTLINE
1-800-487-5011
FOR A LOCATOR 1-800-487-5011
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POND OUTFALL DETAIL	
REVISIONS	COMMENTS
3/15/13	STRUCTURE DEMOLITION & PARKING LOT EXPANSION
6/12/13	VILLAGE HALL
	VILLAGE OF MEMONONEE FALLS
	SCALE
	NOT TO SCALE
	DIRECTION OF FLOW
	VMF PROJECT # 15020

Pond 1 Outfall Detail

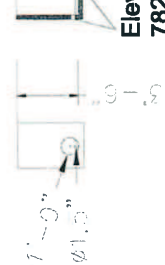
Reinforced
Concrete Riser &
Pipe



Top View

Galvanized Trash Rack
1/4" Wire Mesh
4"x4" Opening

Side View

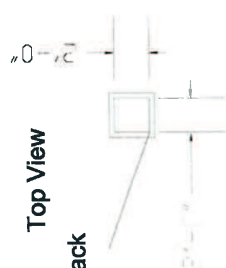


Rim Elevation
785.5

Elevation
782

Pond 2 Outfall Detail

Reinforced
Concrete Riser &
Pipe



Top View

Galvanized Trash Rack
1/4" Wire Mesh
4"x4" Opening

Side View



Rim Elevation
784.25

Elevation
781.0