



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 33 SE Name of Business/Subdivision RIDGEFIELD SUBDIVISION
 Property Tax ID Number 0132176 Address of Property WETLAND

Dry Pond	X
Wet Pond	
Other	

Description: SWP33S006
Q-166 U-331 U-337 U-377

Location Of Pond SOUTH OF GREENVIEW AVE,
NORTH OF SHEFFIELD LN,
EAST OF CHRISTOPHER CT,
WEST OF CHESTNUT CT

Year Pond Constructed 1991 Year of Last Certification UNKNOWN

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	15" RCP	15" RCP	-	-	15" RCP IN GOOD CONDITION
Upstream Invert (IN33S013)	888.30	888.42	-	-	
Downstream Invert (OT33S022)	888.10	888.09	-	-	
Length (feet)	35.0 FT	38.2 FT	-	-	
Slope (%)	0.0057%	0.0086%	-	-	
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		Comments	
			Yes	No		
Lower Discharge Control	N/A					
Opening Diameter (inches)			-	-		
Elevation			-	-		
Other (Description)	N/A					
Opening Type and Size (inches)			-	-		
Elevation			-	-		
Emergency Spillway						
Elevation			-	-		
Length of spillway (feet)			-	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	-	N				
Animal burrows or slope erosion or hole	-	N				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (OT33S001)	RCP – 30"		N POND BETWEEN N50		W17525 & W17555 GRNVW AVE	
Outfall 2 (OT33S003)	RCP – 18"		SE POND (W173N5009 CHESTNUT CT)			
Outfall 3						
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used GPS EQUIPMENT: SOKKIA GSR2700ISX & CARLSON SURVEYOR+ WITH SURV CE v1.7
Normal Water Elevation (Wet Ponds)	N/A	N/A	-	-	N/A	
Design High Water Elevation	892.00	891.88	-	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	N/A	-	-	N/A	
Area at Design High Water Elevation (Ac)	-	3.044 AC	-	-		
Active Storage Available (Ac-Ft)*	-	7.472 ACFT	-	-		
Lowest Elevation at Top of Embankment (If Applicable)	891.00	891.88	-	-		
Average Elevation at Top of Embankment (If Applicable)	892.00	892.00	-	-		
Maximum Bottom Elevation	892.00	889.40	-	-		
Average Pond Bottom Elevation	888.30	888.93	-	-		
Pond Bottom Area (Ac)	-	2.255 AC	-	-		
Maximum Pond Depth	3.7 FT	3.46 FT	-	-		
Average Pond Depth	3.7 FT	2.95 FT	-	-		
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A	-	-	N/A	

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

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

Ridgefield Subdivision Retention Pond – SWP33S006 (Sheffield & Greenview)

Overview



Outlet OT33S001



Outlet OT33S003



Ridgefield Subdivision Retention Pond – SWP33S006 (Sheffield & Greenview)

Inlet IN33S013



Outlet OT33S022



Emergency Spillway



Ridgefield Subdivision Retention Pond – SWP33S006
(Sheffield & Greenview)

Repairs Needed (12/2010)

Outlet OT33S001

- End pipe section pushed away from storm sewer pipe.



Sketch Outlet

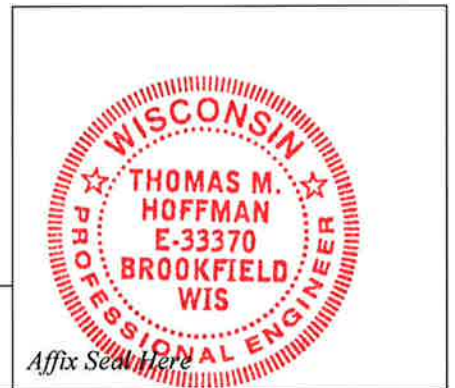
Place Photograph of Pond

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: 12/16/2010

Certifying
Professional Name: Thomas M Hoffman
Phone Number: 262-532-4415



Date: 7/23/2014

Signature: Thomas M Hoffman

$$H = 2.95'$$

$$A_1 = 2255AC$$

$$A_2 = 3044AC$$

0132.176

Ridgefield Subdivision Dry Pond (GREENVIEW SHEFFIELD)

$$V = \left(\frac{H}{3}\right) \left(A_1 + A_2 + \sqrt{A_1 A_2}\right)$$

$$V = \left(\frac{2.95}{3}\right) \left(2255AC + 3044AC + \sqrt{2255AC \times 3044AC}\right)$$

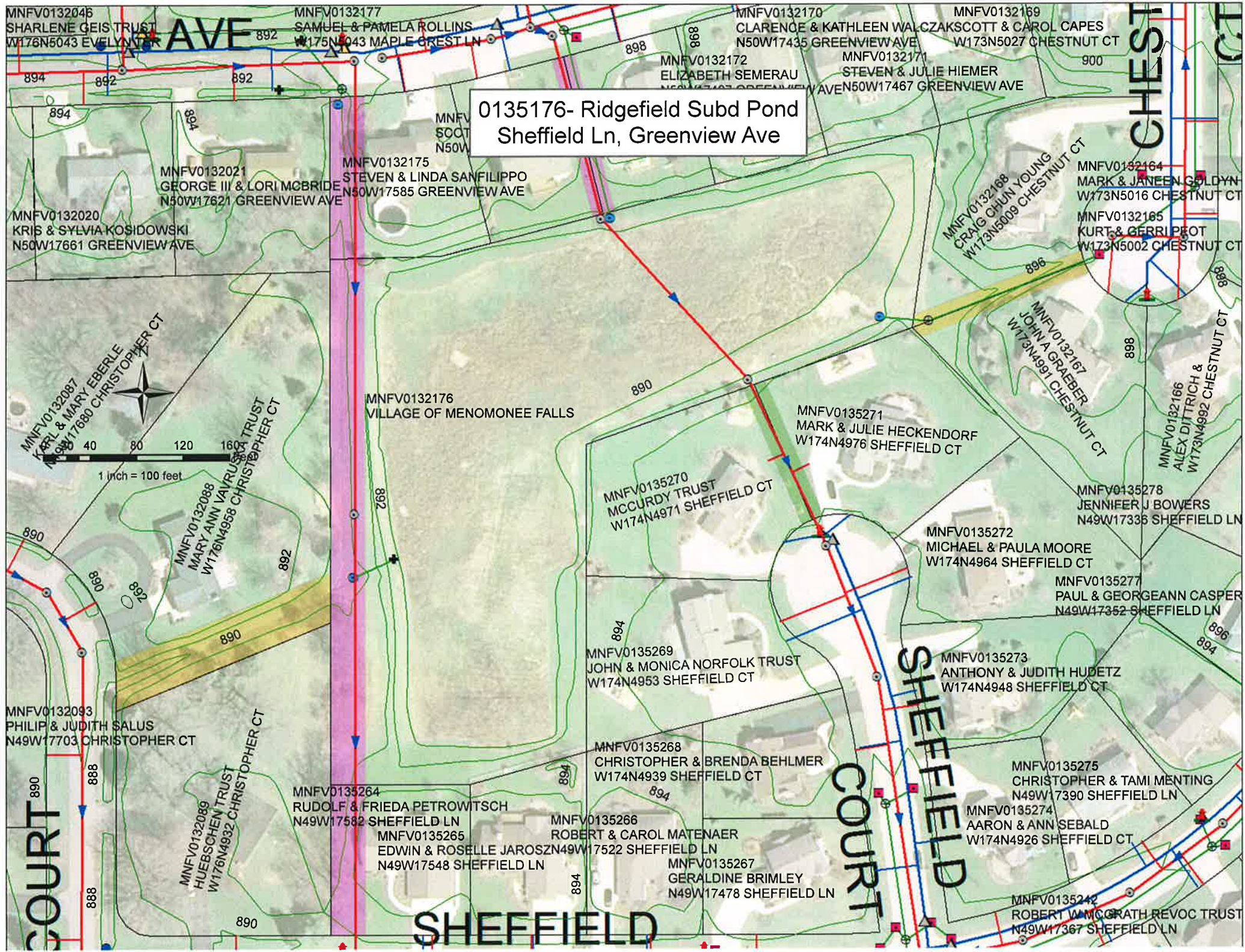
$$V = (0.983) (5.299AC + \sqrt{5.299AC})$$

$$V = (0.983) (5.299AC + 2.302AC)$$

$$V = (0.983) (7.601AC)$$

$$V = (7.47AC FT)$$

CMG 12/16/10



0135176- Ridgefield Subd Pond
Sheffield Ln, Greenview Ave

MNFV0132046
SHARLENE GEIS TRUST
W176N5043 EVELYN DR

MNFV0132177
SAMUEL & PAMELA ROLLINS
W175N5043 MAPLE CREST LN

MNFV0132170
CLARENCE & KATHLEEN WALCZAK
N50W17435 GREENVIEW AVE

MNFV0132169
SCOTT & CAROL CAPES
W173N5027 CHESTNUT CT

MNFV0132021
GEORGE III & LORI MCBRIDE
N50W17621 GREENVIEW AVE

MNFV0132175
STEVEN & LINDA SANFILIPPO
N50W17585 GREENVIEW AVE

MNFV0132172
ELIZABETH SEMERAU
N50W17407 GREENVIEW AVE

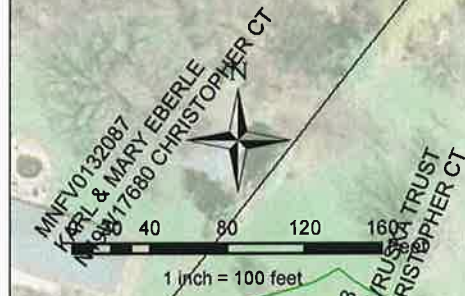
MNFV0132171
STEVEN & JULIE HIEMER
W173N5017 GREENVIEW AVE

MNFV0132020
KRIS & SYLVIA KOSIDOWSKI
N50W17661 GREENVIEW AVE

MNFV0132168
CRAIG CHUN YOUNG
W173N5009 CHESTNUT CT

MNFV0132164
MARK & JANEEN GOLDYN
W173N5016 CHESTNUT CT

MNFV0132165
KURT & GERRI PROT
W173N5002 CHESTNUT CT



MNFV0132176
VILLAGE OF MENOMONEE FALLS

MNFV0135271
MARK & JULIE HECKENDORF
W174N4976 SHEFFIELD CT

MNFV0135270
MCCURDY TRUST
W174N4971 SHEFFIELD CT

MNFV0135278
JENNIFER J BOWERS
N49W17336 SHEFFIELD LN

MNFV0132087
KARL & MARY EBERLE
W176N17680 CHRISTOPHER CT

MNFV0132088
MARY ANN VAJRUSKY TRUST
W176N4958 CHRISTOPHER CT

MNFV0135272
MICHAEL & PAULA MOORE
W174N4964 SHEFFIELD CT

MNFV0135277
PAUL & GEORGEANN CASPER
N49W17352 SHEFFIELD LN

MNFV0132093
PHILIP & JUDITH SALUS
N49W17703 CHRISTOPHER CT

MNFV0132089
HUEBSCHEN TRUST
W176N4932 CHRISTOPHER CT

MNFV0135264
RUDOLF & FRIEDA PETROWITSCH
N49W17532 SHEFFIELD LN

MNFV0135268
CHRISTOPHER & BRENDA BEHLMER
W174N4939 SHEFFIELD CT

MNFV0135273
ANTHONY & JUDITH HUDETZ
W174N4948 SHEFFIELD CT

MNFV0135266
ROBERT & CAROL MATENAER
N49W17522 SHEFFIELD LN

MNFV0135267
GERALDINE BRIMLEY
N49W17478 SHEFFIELD LN

MNFV0135275
CHRISTOPHER & TAMI MENTING
N49W17390 SHEFFIELD LN

MNFV0135274
AARON & ANN SEBALD
W174N4926 SHEFFIELD CT

MNFV0135242
ROBERT W MCCRATH REVOC TRUST
N49W17367 SHEFFIELD LN