



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
Property Tax ID Number
Date 11-4-19

SE _____ Name of Business/Subdivision LILLY CREEK HIGHLANDS III
Address of Property _____

Dry Pond	<input checked="" type="checkbox"/>	Location of Pond	OUTLOT 7
Wet Pond	<input type="checkbox"/>		
Other	<input type="checkbox"/>	Pond ID: <u>SWP24S004</u>	

Year Pond Constructed 2004

Year of Last Certification 2014

Compliance Verification		Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	21	21	X		
Upstream Invert	758.0	757.85	X		
Downstream Invert	757.65	757.49	X		
Length (feet)	47	42	X		
Slope (%)	0.74%	0.85	X		
Secondary Outlet Pipe		(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser		(If Applicable)			Riser Material
Opening Diameter (inches)		36	X		CMP IN GOOD CONDITION
Elevation		760.68	X		
Upper Discharge Control		(If Applicable)			
Opening Diameter (inches)					
Elevation					

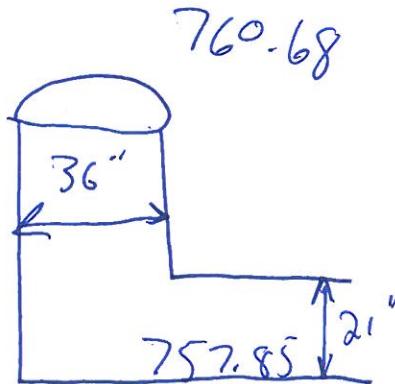
Compliance Verification	Design	Actual	Compliant Yes No	Comments	
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					
Other (Description)					
Opening Type and Size (inches)					
Elevation					
Emergency Spillway					
Elevation	766.0	766.0	X		
Length of spillway (feet)	10	10	X		
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation	X		WOODY VEGETATION SHOULD BE CLEANED OUT		
Animal burrows or slope erosion		N			
Storm Sewer Outfalls	Type & Size		Location		Comments
Outfall 1	24" RCP		WEST END OF BMP		CLEAN RIP-RAP
Outfall 2	15" RCP		WEST END OF BMP		CLEAN DIRT FROM BOTTOM OF PIPE
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)				X	
Design High Water Elevation	766.00	766.0	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)					
Area at Design High Water Elevation (Ac)	0.30	0.30	X		
Active Storage Available (Ac-Ft)*	1.48	1.32	X		
Lowest Elevation at Top of Embankment (If Applicable)	766.0	766.0	X		
Average Elevation at Top of Embankment (If Applicable)	766.0	766.0	X		
Maximum Bottom Elevation	758	757.5		X	
Average Pond Bottom Elevation	758	757.5		X	
Pond Bottom Area (Ac)	0.07	0.03		X	
Maximum Pond Depth				X	
Average Pond Depth				X	
Average Permanent Pool Depth (Wet Ponds)				X	

*To Determine Active Storage $V=H/3(A1+A2+(A1xA2)/2)$

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

Sketch Outlet or Attach to Document



Place Photograph of Pond or Attach to Document

Place Photograph of Pond or Attach to Document

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

Inspection Firm: LAKE COUNTRY
ENGINEERING

Phone Number: 262-569-9331

Address: P.O. BOX 144

OCONOMOWOC, WI 53066

Inspector Name : ROB DAVY

Inspection Date: 10-23-19

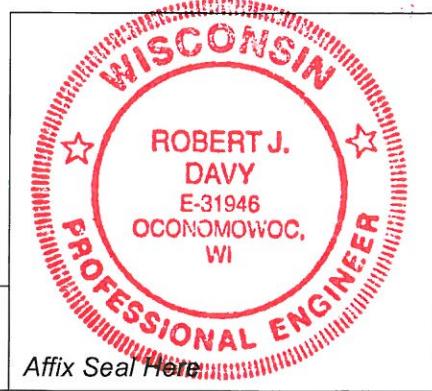
Certifying Professional ROB DAVY

Name:

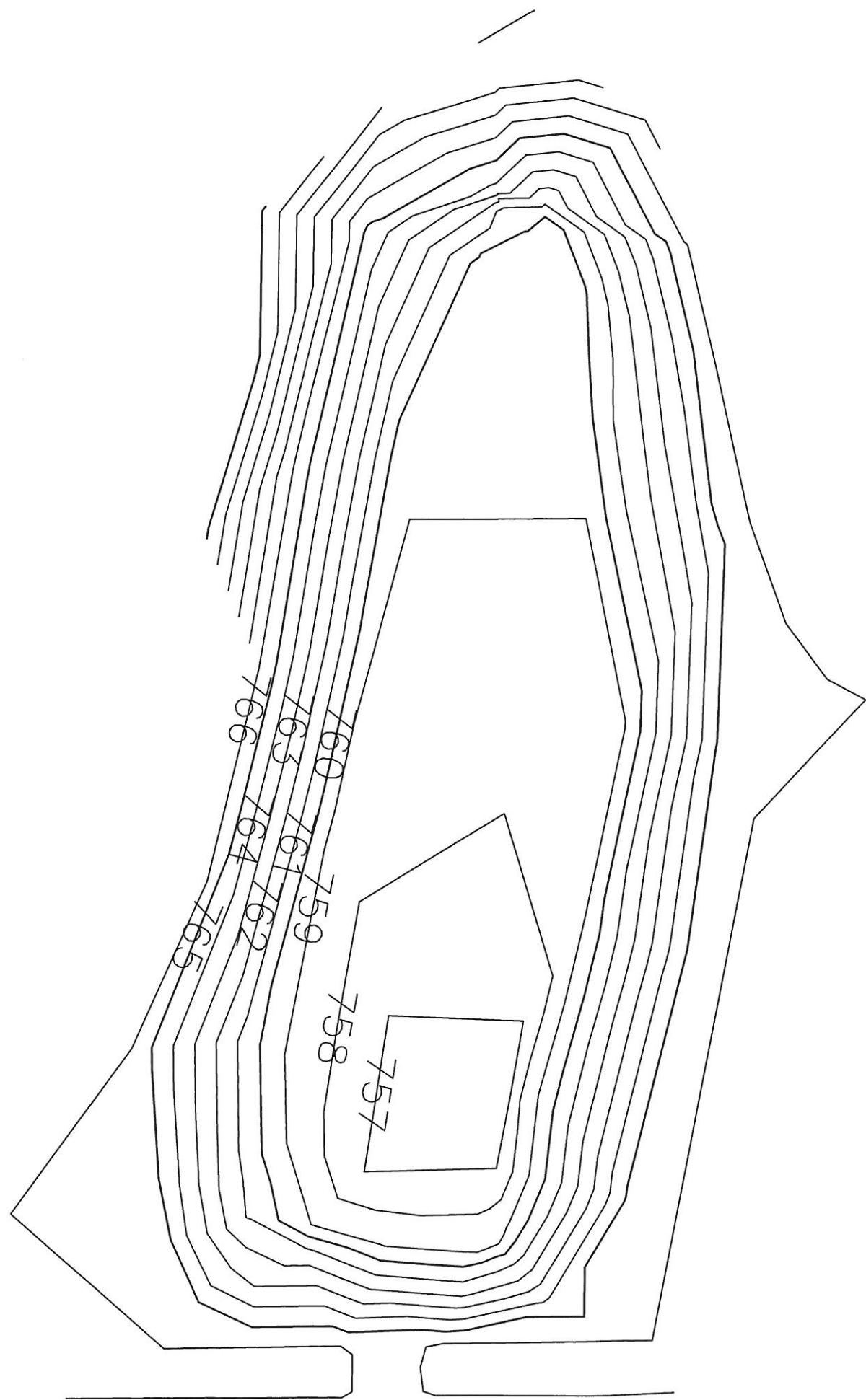
Phone Number: 262-569-9331

Date: 11-4-19

Signature:



10-3-2012









LAKE COUNTRY ENGINEERING, INC.

Rob Davy, P.E.

November 4, 2019

The Lilly Creek Highlands III

**Re: Project No. 18-3239
Storm Water Basin inspection**

BMP SWP24S004

The woody vegetation needs to be removed from the bmp and the bottom west side needs to be dredged out about 0.5' to 0.75' so the storm sewer inlet pipes can function properly.

Thanks

Rob Davy