



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 SE Name of Business/Subdivision LILLY CREEK HIGHLANDS III  
 Property Tax ID Number \_\_\_\_\_ Address of Property \_\_\_\_\_  
 Date 11-4-19 \_\_\_\_\_

Dry Pond	X
Wet Pond	
Other	

Location of Pond OUTLOT 7  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Pond ID: SWP24S004  
 \_\_\_\_\_

Year Pond Constructed 2004 Year of Last Certification 2014

Compliance Verification	Design	Actual	Compliant Yes No		Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>					Outlet Pipe Material
Opening Diameter (inches)	21	21	X		RCP GOOD CONDITION
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		
<b>Secondary Outlet Pipe</b>	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>	(If Applicable)				Riser Material
Opening Diameter (inches)		36	X		CMP IN GOOD CONDITION
Elevation		760.68	X		
<b>Upper Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					

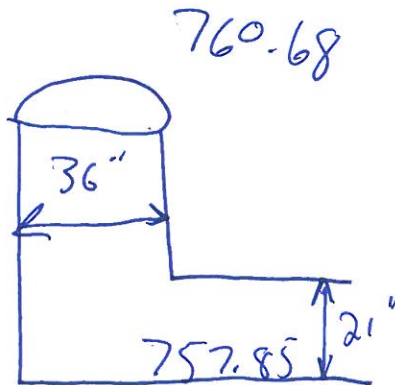
Compliance Verification	Design	Actual	Compliant Yes No	Comments	
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					
<b>Other (Description)</b>					
Opening Type and Size (inches)					
Elevation					
<b>Emergency Spillway</b>					
Elevation	766.0	766.0	X		
Length of spillway (feet)	10	10	X		
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation	X		WOODY VEGITATION SHOULD BE CLEANED OUT		
Animal burrows or slope erosion		N			
<b>Storm Sewer Outfalls</b>	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					
<b>Storage Properties</b>	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  $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

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



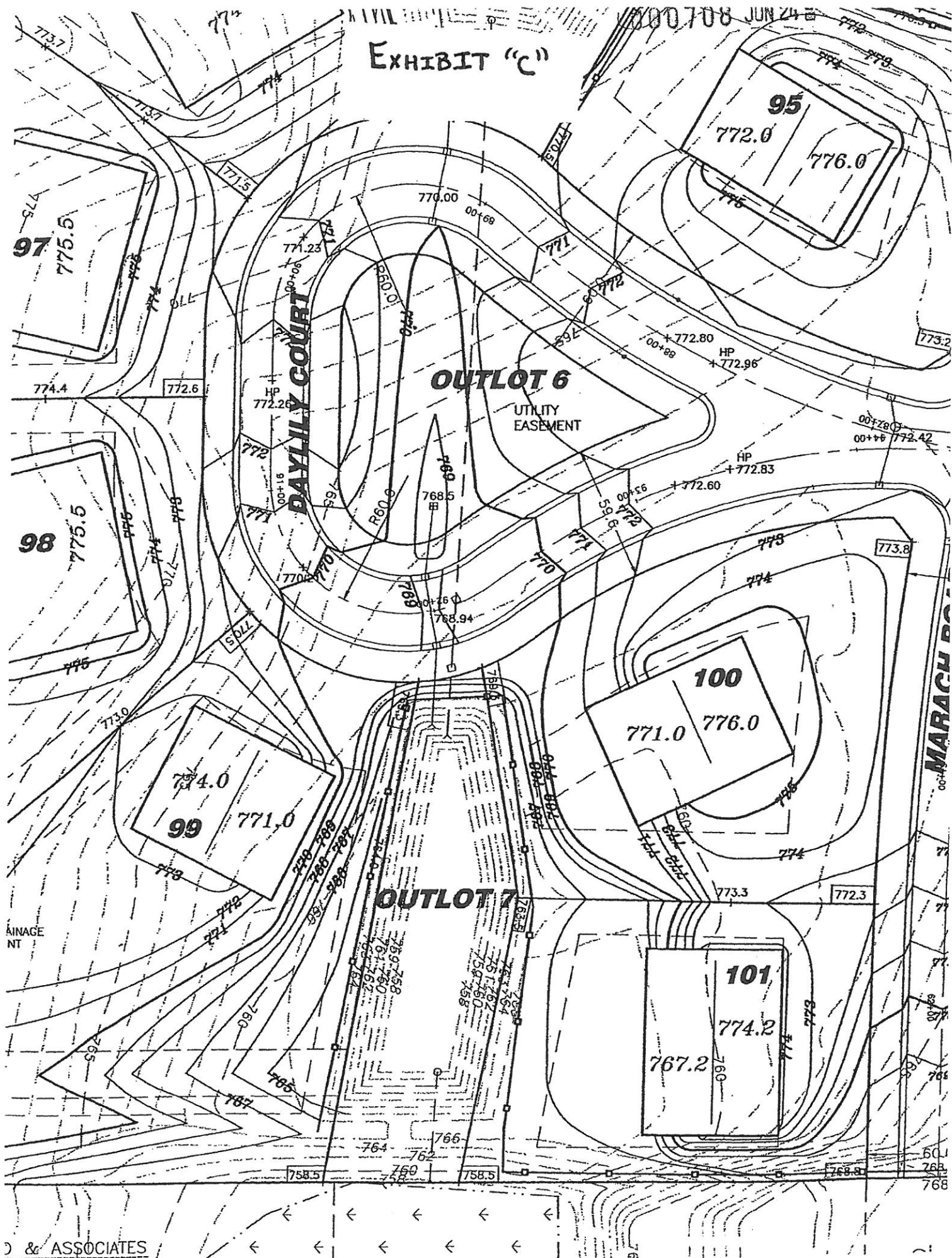
Date: 11-4-19

Signature:

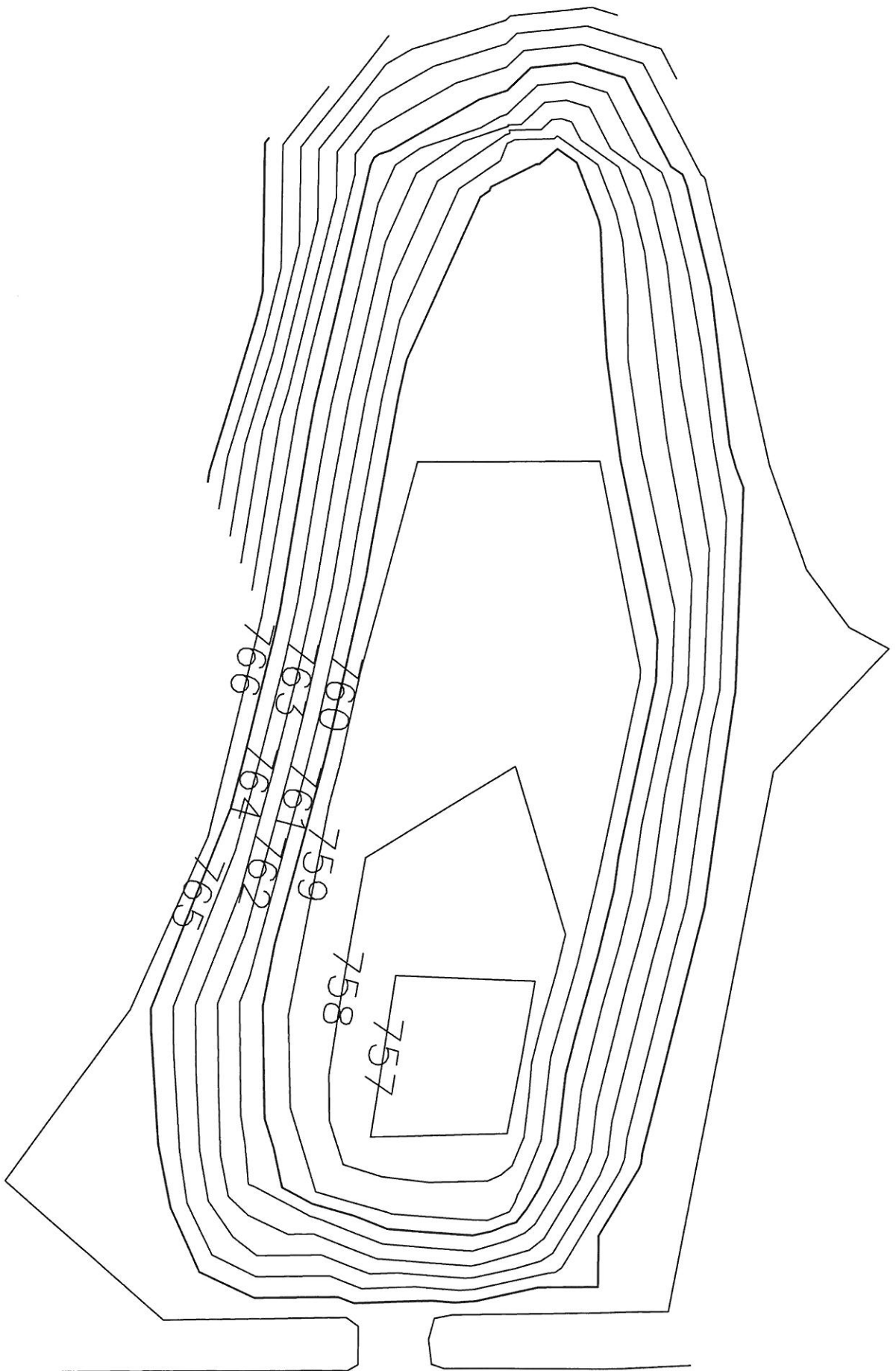
Affix Seal Here

10-3-2012

CO & ASSOCIATES





















# 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