



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 NW 1/4 Name of Business/Subdivision Frito-Lay Sales LP  
 Property Tax ID Number MNFV0106995003 Address of Property W168 N6019 Kohler Lane  
 Date 04/27/2017 Menomonee Falls, WI 53051

Dry Pond	<input type="checkbox"/>
Wet Pond	<input type="checkbox"/>
Other	<input type="checkbox"/>

Location of Pond West portion of the property

Pond ID: SWP 1P

Year Pond Constructed 2000 Year of Last Certification 2008

Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>					<b>Outlet Pipe Material</b>
Opening Diameter (inches)	8"	8"			PVC, 10"x8" eccentric reducer, new Inspection report includes only those features modified as part of the 2014 parking lot expansion.
Upstream Invert	851.14	851.14			
Downstream Invert	849.65	849.65			
Length (feet)	67	67			
Slope (%)	2.22	2.22			
<b>Secondary Outlet Pipe</b>	(If Applicable)				
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					
<b>Upper Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
<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	855.50	855.50				
Length of spillway (feet)	20	20				
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation						
Animal burrows or slope erosion						
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	851.14	851.14				Carlson GPS
Design High Water Elevation	855.57	855.57				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.326	0.326				
Area at Design High Water Elevation (Ac)	0.884	0.884				
Active Storage Available (Ac-Ft)*	2.000	2.000				
Lowest Elevation at Top of Embankment (If Applicable)	856.2	856.2				
Average Elevation at Top of Embankment (If Applicable)	856.5	856.5				
Maximum Bottom Elevation						
Average Pond Bottom Elevation						
Pond Bottom Area (Ac)						
Maximum Pond Depth						
Average Pond Depth						
Average Permanent Pool Depth (Wet Ponds)						

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

Wet Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

Dry Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{pond bottom area}$ ,  $A2 = \text{area at top section}$

<p><i>Sketch Outlet or Attach to Document</i></p>	<p><i>Place Photograph of Pond or Attach to Document</i></p>
	<p><i>Place Photograph of Pond or Attach to Document</i></p>

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

Inspection Firm:	Himalayan Consultants, LLC	Inspector Name :	Mark Babich
Phone Number:	(262) 502-0066	Inspection Date:	4/27/2017
Address:	W156 N11357 Pilgrim Road		
	Germantown, WI 53022		

**Certifying Professional**  
 Name: Mark Babich, P.E.  
 Phone Number: (262) 502-0066



<p>Date:</p> <p>4/27/2017</p>	<p>Signature:</p>
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DATE	03/20/2017
DRAWN BY	E. SHAWANA
CHECKED BY	M. BIRCH
SHEET NUMBER	AS1.0

**GRADING AS-BUILT PLAN**  
**FRITO-LAY DISTRIBUTION FACILITY**  
 W168 N6019 KOHLER LANE  
 MENOMONEE FALLS, WI

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