

KENOSHA COUNTY DETENTION POND COMPLIANCE REPORT



Project Information								
Subdivision / Project Name:								
Section		Township		North		Range	East	
Project Address:								
Contact Information								
Owner's Representative		Name				Pond Name/Number		
		Address				Year Approved		
		Phone				Year Constructed		
Compliance Reported By:								
Certifying Professional		Name				Field Inspector Initials		
		Address				Date Inspected		
		Phone						
Pond Configuration								
	Approved	Actual	Compliant (Y/N)	Comments				
Normal Water Level (NWL)								
Emergency Spillway El.								
Bottom El.								
Ave. Pond Depth (ft.)								
Area of Pond Bottom (ft ³)								
Area of NWL (ft ³)								
Pond Outlet Structure								
Basin Outlet Structure (check one)		Multi-Stage			Single-stage			
<i>Primary Outlet</i>	Approved	Actual	Compliant (Y/N)	Comments				
Opening Diameter (in)								
Upstream Invert								
Downstream Invert								
Outlet Length (ft)								
Outlet Slope (%)								
Secondary Outlet								
<i>Secondary Outlet</i>	Approved	Actual	Compliant (Y/N)	Comments				
Opening Diameter (in)								
Upstream Invert								
Downstream Invert								
Outlet Length (ft)								
Outlet Slope (%)								
Weir Outlet								
<i>Weir Outlet</i>								
Type (Riser, V-Notch, etc.)								
	Approved	Actual	Compliant (Y/N)	Comments				
Top El.								
Bottom El.								
Length (ft)								

Pond Hydrology				
	Approved	Actual	Compliant (Y/N)	Comments
Peak Discharge (cfs)				
Q ₂				
Q ₁₀				
Q ₁₀₀				
Peak Elevation				
Elev ₂				
Elev ₁₀				
Elev ₁₀₀ (HWL)				
Active Storage (ft ³)				
Dead Storage (ft ³)				
Notes				
<p>Volume of Active and Dead Storage computed as follows: $V = ((A1+A2)/2)(\Delta\text{elev.})$ $\Delta\text{elev} = \text{elevation difference between sections, } A1 = \text{area of bottom section, } A2 = \text{area of top section}$</p> <p>For active storage use: $\Delta\text{elevation NWL-HWL}$, $A1 = \text{area at NWL in acres}$, $A2 = \text{area at HWL in acres}$ For dead storage use: $\Delta\text{elevation Bottom-NWL}$, $A1 = \text{area pond bottom in acres}$, $A2 = \text{area at NWL in acres}$</p>				
Certification Summary				
Compliant (check one)	YES		NO	
Comments:				
Engineer's Certification Statement				
<p>I, the principal project engineer, do hereby certify that to the best of my knowledge this checklist is complete and accurate.</p> <p>Name: _____</p> <p>Date: _____</p>			<p>Wisconsin P.E. Seal and Signature</p>	