

POND SUMMARY SHEET

Carroll County (C.C.) Bureau of Resource Management

(MD-378 Ponds)

Small Pond Approval No. _____

Part 1: General Information

APPROVAL TYPE	
<input type="checkbox"/> New Small Pond	<input type="checkbox"/> As-Built Approval
<input type="checkbox"/> Modify/Repair/Retrofit Small Pond	<input type="checkbox"/> Other (Specify below): <div style="border: 1px solid black; height: 60px; width: 100%; margin-top: 5px;"></div>
<input type="checkbox"/> Geotechnical Investigation	
<input type="checkbox"/> Work in Reservoir Only	
<input type="checkbox"/> Remove Small Pond	

PROJECT NAME / LOCATION			
Project Name:		Latitude	<i>(decimal deg)</i>
C.C. File No.:		Longitude	<i>(decimal deg)</i>
Pond/BMP ID No.:		Stream Name	
		Use Class	
*Cold Water Resource Area Map: https://bit.ly/3gXAI3U		Cold Water?	<input type="checkbox"/> Y / <input type="checkbox"/> N

PROPERTY OWNER INFORMATION			
Owner Company:		Phone Number:	
Point of Contact:		Email:	
Street Address:			

ENGINEER IN CHARGE INFORMATION			
Owner Company:		Phone Number:	
Point of Contact:		Email:	
Street Address:		Maryland PE No.:	

Part 2: Structure Information

HAZARD POTENTIAL CLASSIFICATION		
<i>Hazard Classification</i>	<i>Breach Analysis Method</i>	Population at Risk
<input type="checkbox"/> High	<input type="checkbox"/> Screening	*If relying on a previously approved breach analysis, provide a copy with application
<input type="checkbox"/> Significant	<input type="checkbox"/> Simplified	
<input type="checkbox"/> Low	<input type="checkbox"/> Standard	
<input type="checkbox"/> Low (Small Pond)	<input type="checkbox"/> Other	

POND CHARACTERISTICS	
<input type="checkbox"/> Excavated	<i>Distance Below Pond to:</i>
<input type="checkbox"/> Embankment	Property Line <i>(feet)</i>
<input type="checkbox"/> Both	Public Road <i>(feet)</i>
<input type="checkbox"/> Superwide	Will embankment serve as roadway/railway? <input type="checkbox"/> Y / <input type="checkbox"/> N

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PURPOSE OF STRUCTURE (Check all that apply)		
<input type="checkbox"/> Stormwater Management-Wet Pond	<input type="checkbox"/> Tailings / Dredged Material	<input type="checkbox"/> Water Supply/Irrigation
<input type="checkbox"/> Stormwater Management-Dry Pond	<input type="checkbox"/> Sediment Control	<input type="checkbox"/> Wildlife/Fish
<input type="checkbox"/> Infiltration	<input type="checkbox"/> Flood Control	<input type="checkbox"/> Fire Control
<input type="checkbox"/> Submerged Gravel Wetland	<input type="checkbox"/> Recreation	<input type="checkbox"/> Other (Specify Below)
<input type="checkbox"/> Bioretention	<input type="checkbox"/> Waste Water	

PROPERTIES OF DAM AND RESERVOIR	
Length of Dam (feet)	Surface Area (normal pool) (acres)
Crest Width (feet)	Surface Area (brim full) (acres)
Embankment Ht. (feet) <small>(Height measured from lowest upstream point to crest of dam)</small>	Storage (normal pool) (acre-ft)
Dam Crest Elev. Datum:	Storage (IDF) (acre-ft)
Normal Pool Elev.	Storage (brim full) (acre-ft)
IDF Pool Elev.	Side Slopes, US H : 1V
Freeboard (feet)	Side Slopes, DS H : 1V
Drainage Area (acres sq. mi.)	

IDF = Inflow Design Flood (24-hr, 100-year for low hazard, 1/2 PMF for significant hazard, PMF for high hazard)

SPILLWAY CHARACTERISTICS			
<i>Principal Spillway Type</i>	<i>Auxiliary Spillway Type</i>	<i>Auxiliary Spillway Protection</i>	
<input type="checkbox"/> Riser & Barrel	<input type="checkbox"/> Earthen Channel	<input type="checkbox"/> Grass	
<input type="checkbox"/> Weir Wall	<input type="checkbox"/> Rock Channel	<input type="checkbox"/> Riprap Class:	
<input type="checkbox"/> Weir & Channel	<input type="checkbox"/> None	<input type="checkbox"/> Gabions	
<input type="checkbox"/> Other (specify below)	<input type="checkbox"/> Other (specify below)	<input type="checkbox"/> Other (specify below)	
<i>Principal Spillway Material</i>			
<input type="checkbox"/> RCP	<input type="checkbox"/> CMP / BCCMP	<input type="checkbox"/> Alum (CAP)	<input type="checkbox"/> PVC / HDPE
<input type="checkbox"/> Ductile Iron	<input type="checkbox"/> Cast-in-place concrete	<input type="checkbox"/> Pre-cast concrete	<input type="checkbox"/> Other _____
<i>Riser & Barrel</i>			
Barrel Diameter (in.)		Capacity at IDF (cfs)	
Riser Dimensions		Anti-flotation FS	
<i>Weir Wall / Weir & Channel</i>			
Weir Length (ft)		Overturning FS	
Weir Coefficient		Sliding FS	
<i>Auxiliary Spillway</i>			
Crest Elevation		Capacity at IDF (cfs)	
Bottom Width (ft)		Maximum Velocity (ft/sec)	
Side Slopes H : 1V			