POND SUMMARY SHEET

Maryland Department of the Environment
Dam Safety Program

Part 1: General Information

APPROVAL TYPE	
☐ New Small Pond	☐ As-Built Approval
☐ Modify/Repair/Retrofit Small Pond	☐ Other (Specify below):
☐ Geotechnical Investigation	
☐ Work in Reservoir Only	
☐ Remove Small Pond	

PROJECT NAME / LOCATION			
Project Name:		Latitude	*(decimal deg)*
MDE/SCD File No.:		Longitude	*(decimal deg)*
Pond/BMP ID No.:		Stream Name	
		Use Class	
*Cold Water Resource Area Map: https://bit.ly/3gXAI3U		Cold Water?	☐ Y / ☐ 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		
Hazard Classification	*Breach Analysis Method*	Population at Risk
☐ High	☐ Screening	*If relying on a previously approved breach analysis, provide a copy with application
☐ Significant	☐ Simplified	
☐ Low	☐ Standard	
☐ Low (Small Pond)	☐ Other	

POND CHARACTERISTICS		
☐ Excavated	*Distance Below Pond to:*	
☐ Embankment	Property Line	(feet)
☐ Both	Public Road	(feet)
☐ Superwide	Will embankment serve as roadway/railway?	☐ Y / ☐ N

4/2022
Form: PO-1

POND SUMMARY SHEET

PURPOSE OF STRUCTURE (Check all that apply)		
☐ Stormwater Management-Wet Pond	☐ Tailings / Dredged Material	☐ Water Supply/Irrigation
☐ Stormwater Management-Dry Pond	☐ Sediment Control	☐ Wildlife/Fish
☐ Infiltration	☐ Flood Control	☐ Fire Control
☐ Submerged Gravel Wetland	☐ Recreation	☐ Other (Specify Below)
☐ Bioretention	☐ 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. (Height measured from lowest upstream point to crest of dam)	(feet)	Storage (normal pool)	(acre-ft)
		Storage (IDF)	(acre-ft)
Dam Crest Elev.	Datum:	Storage (brim full)	(acre-ft)
Normal Pool Elev.		Side Slopes, US	H : 1V
IDF Pool Elev.		Side Slopes, DS	H : 1V
Freeboard	(feet)		
Drainage Area	(acres | sq. mi.)		

IDF = Inflow Design Flood (24-hr, 100-year for low hazard, ½ PMF for significant hazard, PMF for high hazard)

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