

POND SUMMARY SHEET

Maryland Department of the Environment Dam Safety Program

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): |
| <input type="checkbox"/> Geotechnical Investigation | <div style="border: 1px solid black; height: 40px; width: 100%;"></div> |
| <input type="checkbox"/> Work in Reservoir Only | |
| <input type="checkbox"/> 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?	<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>	<i>Population at Risk</i>
<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	(feet)
<input type="checkbox"/> Both	Public Road	(feet)
<input type="checkbox"/> Superwide	Will embankment serve as roadway/railway?	<input type="checkbox"/> Y / <input type="checkbox"/> N

POND SUMMARY SHEET

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)	Storage (normal pool)	(acre-ft)
(Height measured from lowest upstream point to crest of dam)		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, 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>
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- | | | |
|--|--|--|
| <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) |

Principal Spillway Material

- | | | | |
|---------------------------------------|---|--|--------------------------------------|
| <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 _____ |

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