



Harford Soil Conservation District

3525 Conowingo Road ♦ Suite 500 ♦ Street, Maryland 21154
(410) 638-4828 ♦ www.harfordscd.org

POND SUMMARY SHEET

(Maryland Department of the Environment
Dam Safety Program Version)

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: 60px; 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 _____	Longitude _____ (decimal deg)
No.: _____	
Pond/BMP ID _____	Stream _____
No.: _____	(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 _____	Phone: _____
Company: _____	(Number) _____
Point of Contact: _____	Email: _____
Street Address: _____	

ENGINEER IN CHARGE INFORMATION

Owner _____	Phone _____
Company: _____	(Number) _____
Point of Contact: _____	Email: _____
Street Address: _____	Maryland PE No _____

Part 2: Structure Information

HAZARD POTENTIAL CLASSIFICATION

Hazard Classification

- ☐ High
☐ Significant
☐ Low
☐ Low (Small Pond)

Breach Analysis Method

- ☐ Screening
☐ Simplified
☐ Standard
☐ Other

Population at Risk

*If relying on a previously approved breach analysis, provide a copy with application

POND CHARACTERISTICS

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

PURPOSE OF STRUCTURE (Check all that apply)

- ☐ Stormwater Management-Wet Pond
☐ Stormwater Management-Dry Pond
☐ Infiltration
☐ Submerged Gravel Wetland
☐ Bioretention
- ☐ Tailings / Dredged Material
☐ Sediment Control
☐ Flood Control
☐ Recreation
☐ Waste Water
- ☐ Water Supply/Irrigation
☐ Wildlife/Fish
☐ Fire Control
☐ Other (Specify Below)

PROPERTIES OF DAM AND RESERVOIR

Length of Dam _____ (feet)
Crest Width _____ (feet)
Embankment _____ (feet)
Ht. _____
(Height measured from lowest upstream point to crest of dam)
Dam Crest Elev. _____ Datum: _____
Normal Pool _____
Elev. _____
IDF Pool Elev. _____
Freeboard _____ (feet)
Drainage Area _____ (acres | sq. mi.)

Surface Area (normal pool) _____ (acres)
Surface Area (brim full) _____ (acres)
Storage (normal pool) _____ (acre-ft)
Storage (IDF) _____ (acre-ft)
Storage (brim full) _____ (acre-ft)
Side Slopes, US _____ H : 1V
Side Slopes, DS _____ H : 1V

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

SPILLWAY CHARACTERISTICS*Principal Spillway
Type*

- ☐ Riser & Barrel
☐ Weir Wall
☐ Weir & Channel
☐ Other (specify
below)

*Auxiliary Spillway
Type*

- ☐ Earthen Channel
☐ Rock Channel
☐ None
☐ Other (specify
below)

*Auxiliary Spillway
Protection*

- ☐ Grass
☐ Riprap Class:
☐ Gabions
☐ 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.) _____

Riser Dimensions _____

Capacity at IDF (cfs) _____

Anti-flotation FS _____

Weir Wall / Weir & Channel

Weir Length (ft) _____

Weir Coefficient _____

Overturning FS _____

Sliding FS _____

Auxiliary Spillway

Crest Elevation _____

Bottom Width (ft) _____

Capacity at IDF (cfs) _____

Maximum Velocity(ft/sec) _____

Side Slopes _____ H : 1V

ACCEPTANCE:Soil Conservation District: Harford

District Manager Signature: _____ Date: _____

(The following line to be completed and form is to be resubmitted after As-Built certification has been accepted by the District:)

Date As-Built Accepted: _____
District Representative Signature