



# Harford Soil Conservation District

3525 Conowingo Road ♦ Suite 500 ♦ Street, Maryland 21154  
(410) 638-4828 ♦ [www.harfordscd.org](http://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	
<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?  Y /  N

\*Cold Water Resource Area Map: <https://bit.ly/3gXAI3U>

#### PROPERTY OWNER INFORMATION

Owner \_\_\_\_\_ Phone: \_\_\_\_\_  
Company: \_\_\_\_\_  
Point of Contact: \_\_\_\_\_  
Street Address: \_\_\_\_\_ Email: \_\_\_\_\_

#### ENGINEER IN CHARGE INFORMATION

Owner \_\_\_\_\_ Phone: \_\_\_\_\_  
Company: \_\_\_\_\_  
Point of Contact: \_\_\_\_\_  
Street Address: \_\_\_\_\_ Email: \_\_\_\_\_  
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)

<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,  $\frac{1}{2}$  PMF for significant hazard, PMF for high hazard)

## SPILLWAY CHARACTERISTICS

Principal Spillway Type	Auxiliary Spillway Type	Auxiliary Spillway Protection
<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.) \_\_\_\_\_  
Riser Dimensions \_\_\_\_\_

Capacity at IDF (cfs) \_\_\_\_\_  
Anti-flotation FS \_\_\_\_\_

### Weir Wall / Weir & Channel

Weir Length (ft) \_\_\_\_\_  
Weir Coefficient \_\_\_\_\_

Overshooting FS \_\_\_\_\_  
Sliding FS \_\_\_\_\_

### Auxiliary Spillway

Crest Elevation \_\_\_\_\_  
Bottom Width (ft) \_\_\_\_\_  
Side Slopes \_\_\_\_\_

Capacity at IDF (cfs) \_\_\_\_\_  
Maximum Velocity(ft/sec) \_\_\_\_\_

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 \_\_\_\_\_