

## POND (EXCAVATED TYPE) DATA SHEET

Cooperator: \_\_\_\_\_ Location: \_\_\_\_\_

Conservation District: \_\_\_\_\_ Field Office: \_\_\_\_\_

Identification No. : \_\_\_\_\_ Field No.: \_\_\_\_\_ Pond No.: \_\_\_\_\_

### DESIGN AND LAYOUT

Date : \_\_\_\_\_ Survey Party: \_\_\_\_\_

Drainage Area: \_\_\_\_\_ acres

Rod Reading on Bench Mark: \_\_\_\_\_ Description of Bench Mark: \_\_\_\_\_

Sketch pond showing staked dimensions, bench mark, reference stakes, an adequate number of rod readings around circumference and inside of planned top to determine average ground elevation, and proposed location and height of spoil. Show north arrow and reference to field location.

Av. Top of Rod: \_\_\_\_\_ ft.  
Depth (excavation): \_\_\_\_\_ ft.  
Grade Rod (Bottom): \_\_\_\_\_ ft.  
Bottom Depth Below BM =  
Grade Rod Minus BM Rod \_\_\_\_\_ ft.  
End Slopes: \_\_\_\_\_ : 1  
Side Slopes: \_\_\_\_\_ :1

Area of Top: ( $A_t$ ): \_\_\_\_\_ sq. ft.  
Area of Bottom: ( $A_b$ ) \_\_\_\_\_ sq. ft.  
Area of  $\underline{D}$ : ( $A_m$ ): \_\_\_\_\_ sq. ft.  
2

Volume of excavation: \_\_\_\_\_ cu.yds.  
(Volume may be taken from approved tables or calculated.)

Calculations:

Storage Capacity \_\_\_\_\_ ac. ft.  
Surface Area \_\_\_\_\_ acres  
Depth of Pond \_\_\_\_\_ ft.

Design By: \_\_\_\_\_ Date: \_\_\_\_\_

Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

