

91-7410 BANDEROB REV. LIVING TRUST- POND WORK SHEET

POND SIZE POND SURFACE AREA .1 ACRES (PER ARCMAP) = 4,356 SQ FT X 3'
AVERAGE DEPTH = 13,068.0 CU FT = $13,068/43,560 = 0.3\text{AF}$

SURFACE AREA POND SURFACE AREA .1 ACRES (PER ARCMAP) = 4,356 SQ FT
 $4,356 \text{ SQ FT} / 43,560 \text{ SQ FT} = 0.1 \text{ AC} = 0.1 \text{ AC}$

EVAPORATION: BASED ON SURFACE AREA OF 4,356 SQ FT. 842 GALLONS PER
DAY X 365 DAYS / 325,850 GALLONS/AF = 0.943 AF = **0.9AF**

SEEPAGE: POND IS UNLINED AND LIES ON A NAMED STREAM (DEEP CREEK).

STOCKWATER (30 head at 12 GPS X 365 /325,850 = .403 = **.4 AF**

CFS AF (TOTAL CFS & STORAGE AF CANNOT EXCEED LARGEST SUB TOTAL & STOCKWATER)

1.6 STOCKWATER STORAGE	a.) POND SIZE	0.3 AF
	b.) EVAPORATION	0.9 AF
	c.) SEEPAGE	0.0 AF
	d.) STOCKWATER.	0.4 AF
	SUB TOTAL	= 1.6 AF
1.6 TOTAL		

SCANNED
OCT 16 2012

