

91-7546 WIGHT (2009 IMAGE) PIN 47N02W-31-2000



SCANNED

OCT 19 2012

91-7546 WIGHT- POND WORK SHEET

POND SIZE POND SURFACE AREA .16 ACRES (PER ARCMAP) = 6,970 SQ FT X 5'
AVERAGE DEPTH = **34,850.0 CU FT** = $34,850/43,560 = 0.8\text{AF}$

SURFACE AREA POND SURFACE AREA .16 ACRES (PER ARCMAP) = 6,969.6 SQ FT
 $6,970 \text{ SQ FT} / 43,560 \text{ SQ FT} = 0.16 \text{ AC} = 0.16 \text{ AC}$

EVAPORATION: BASED ON SURFACE AREA OF 6,970 SQ FT. 1347 GALLONS PER
DAY X 365 DAYS / 325,850 GALLONS/AF = 0.943 AF = **1.508 AF**
= **1.5 AF**

SEEPAGE: POND IS UNLINED AND LIES ON A UNNAMED STREAM .

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

3.4 STOCKWATER STORAGE	a.) POND SIZE	0.8 AF
	b.) EVAPORATION	1.5 AF
	c.) SEEPAGE	0.0 AF
	d.) STOCKWATER	1.1. AF
	SUB TOTAL	= 3.4 AF

3.4 TOTAL

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