YEAROUT POND WORK SHEET

POND SIZE (AREA MEASURED BY CLAIMANT AT 244' X 140' = 34,160 SQ FT)
34,160.2 X 2.5' AVERAGE DEPTH = 85,400 CUBIC FT = 1.96 AF = **2.0 AF**

SURFACE AREA AREA MEASURED BY CLAIMANT AT 244' X 140' = **34,160 SQ FT**

EVAPORATION: BASED ON SURFACE AREA OF 34,160 SQ FT = 6,601 GALLONS
PER DAY X 365 DAYS / 325,850 GALLONS/AF = 7.394 AF = **7.4 AF**

SEEPAGE: NO SEEPAGE (DIFUSE FLOWS FILL POND).

CFS	AF				
.02	**.67**	**STOCKWATER** (50 head @12 GPD X 365 =/325,850 GALLONS = .67 AF			
			SUB TOTAL		.67 AF
	10.0	**STOCKWATER STORAGE**	a.) POND SIZE	2.0 AF	
			b.) EVAPORATION	7.4 AF	
			c.) SEEPAGE	0.0 AF	
			d.) STOCKWATER	0.67 AF	
			SUB TOTAL	10.07 = **10.0 AF**	
	.67	**STOCKWATER FROM STORAGE**			
		(50 head @12 GPD X 365 =/325,850 GALLONS = .67 AF			
			SUB TOTAL		.67 AF
	9.4	**FIRE PROTECTION STORAGE**	a.) POND SIZE		2.0 AF
			b.) EVAPORATION		7.4 AF
			c.) SEEPAGE		0.0 AF
			SUB TOTAL		**9.4 AF**
	9.4	**RECREATION STORAGE**	a.) POND SIZE		2.0 AF
			b.) EVAPORATION		7.40 AF
			c.) SEEPAGE		0.0 AF
			SUB TOTAL		**9.4 AF**
	9.4	**WILDLIFE STORAGE**	a.) POND SIZE	2.00 AF	
			b.) EVAPORATION	7.4 AF	
			c.) SEEPAGE	0.0 AF	
			SUB TOTAL	**9.4 AF**	
.02	*10.67*	**= 10.7**	**TOTAL**		