

**CLAIM 91-7586 RECOMMENDATION WORKSHEET
THOMPSON (PIN47N03W-26-9200) - PONDS**

POND SIZE 3 PONDS. EACH 0.05 AC SURFACE AREA (2178 SQ FT). (1 BASIN 94 POND) (2 BASIN 91 PONDS)

2 PONDS SURFACE AREA .05 ACRES PER POND (PER CLAIMANT) = 2178 SQ FT X 2
= 4,356 SQ FT X 4' AVERAGE DEPTH = **17,424 CU FT** = 17,424 / 43,560 = **0.4 AF**

CLAIM 91-7586 SURFACE AREA POND SURFACE AREA .05 ACRES (PER CLAIMANT) X 2 = 4,356 SQ FT 4,356 SQ FT / 43,560 SQ FT = .10 AC = **.10 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 = **1.0 AF** = **1.0 AF**

SEEPAGE: NO SEEPAGE (UNNAMED STREAM FLOWS THROUGH BOTH PONDS).

CLAIM (3 PONDS)

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

2.8 STOCKWATER STORAGE	a.) POND SIZE	0.6 AF
	b.) EVAPORATION	1.5 AF
	c.) SEEPAGE	0.0 AF
	d.) STOCKWATER	0.7 AF
	SUB TOTAL	= 2.8 AF

2.8 AF TOTAL

91-7586 RECOMMENDATION (2 PONDS)

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

2.1 STOCKWATER STORAGE	a.) POND SIZE	0.4 AF
	b.) EVAPORATION	1.0 AF
	c.) SEEPAGE	0.0 AF
	d.) STOCKWATER	0.7 AF
	SUB TOTAL	= 2.1 AF

2.1 AF TOTAL 1.8 CLAIMED

SCANNED

AUG 20 2014

NWNE

NENE

NWNW

NENW

94

SWNE

SENE

SWNW

CLAIM 94-7450 POD

SENW

BASIN 91 BASIN 94 BOUNDARY

26

47N03W

IMPROPERLY CLAIMED 91-7586 POU

25

NWSE

NESE

NWSW

NESW

CLAIM 91-7586 POU

CLAIM 91-7586 POU

SWSE

SESE

SWSW

SESW

NWNE

35

NENE