

DIANDA LIVING TRUST POND #1 WORK SHEET

POND SIZE POND 50' X 50' X 2' = 5000 CU FT = $5000/43,560 = .114 = .2$ AF

SURFACE AREA NORTH POND 50' x 50' (PER CLAIMANT) = 2,500 SQ FT
 $2500 \text{ SQ FT} / 43,560 \text{ SQ FT} = .057 = .06$ AC

EVAPORATION: BASED ON SURFACE AREA OF 2,500 SQ FT
 $483 \text{ GALLONS PER DAY} \times 365 \text{ DAYS} / 325,850 \text{ GALLONS/AF}$
 $.541 = \text{AF} = .6$ AF

SEEPAGE: NO SEEPAGE (DIFFUSE WATER FILLS POND).

CFS AF

.05 **2.69 STOCKWATER** (200 head @12 GPD X 365 =/325,850 GALLONS = 2.69 AF

SUB TOTAL 2.69 AF = **2.7 AF**

3.5 STOCKWATER STORAGE

a.) POND SIZE	.2 AF
b.) EVAPORATION	.6 AF
c.) SEEPAGE	0.0 AF
d.) STOCKWATER	2.7 AF

SUB TOTAL **3.5 AF**

2.69 STOCKWATER FROM STORAGE

(200 head @12 GPD X 365 =/325,850 GALLONS = 2.69 AF

SUB TOTAL 2.69 AF = **2.7 AF**

.05 **3.5** **TOTAL**

SCANNED

AUG 11 2011

DIANDA LIVING TRUST POND #2 WORK SHEET

POND SIZE POND 100' X 200' X 4' = 80,000 CU FT = $80,000/43,560 = 1.83 = 1.9$ AF

SURFACE AREA POND 100' x 200' (PER CLAIMANT) = 20,000 SQ FT
 $20,000 \text{ SQ FT} / 43,560 \text{ SQ FT} = .46 \text{ AC}$

EVAPORATION: BASED ON SURFACE AREA OF 2,500 SQ FT
 $3865 \text{ GALLONS PER DAY} \times 365 \text{ DAYS} / 325,850 \text{ GALLONS/AF}$
 $4.32 \text{ AF} = 4.4 \text{ AF}$

SEEPAGE: NO SEEPAGE (HELLS GULCH CREEK FLOWS THROUGH POND).

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

.04 DOMESTIC (1 HOME)

1.2 DOMESTIC FROM STORAGE

7.5 DOMESTIC STORAGE	a.) POND SIZE	.46 AF
	b.) EVAPORATION	54.6 AF
	c.) SEEPAGE	0.0 AF
	d.) DOMESTIC	1.2 AF
	SUB TOTAL	= 7.5 AF

.05 STOCKWATER (200 head @12 GPD X 365 =/325,850 GALLONS = 2.69 AF
SUB TOTAL 2.69 AF = 2.7 AF

9.0 STOCKWATER STORAGE	a.) POND SIZE	1.9 AF
	b.) EVAPORATION	4.4 AF
	c.) SEEPAGE	0.0 AF
	d.) STOCKWATER	2.7 AF
	SUB TOTAL	= 9.0 AF

2.7 STOCKWATER FROM STORAGE
(200 head @12 GPD X 365 =/325,850 GALLONS = 2.69 AF
SUB TOTAL 2.69 AF = 2.7 AF

6.3 RECREATION STORAGE	a.) POND SIZE	1.4 AF
	b.) EVAPORATION	4.4 AF
	c.) SEEPAGE	0.0 AF
	SUB TOTAL	6.3 AF

.05 10.2 TOTAL

SCANNED

AUG 11 2011

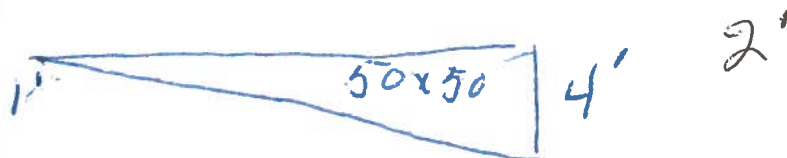
Stock Ponds

$$50 \times 50 = 2500$$

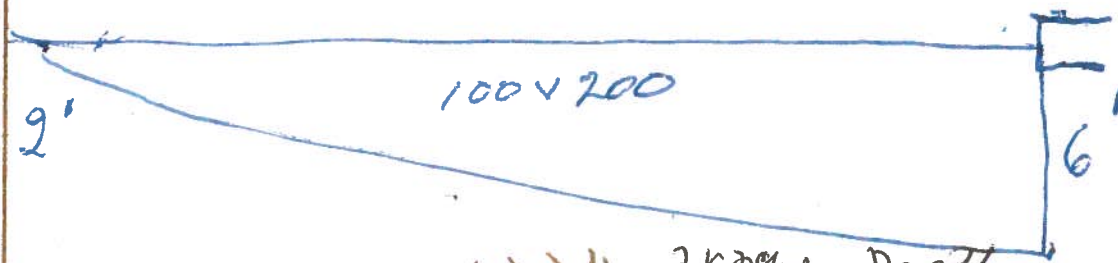
$$100 \times 200 = 20000$$

Pond #1

average
average Depth



Pond #2



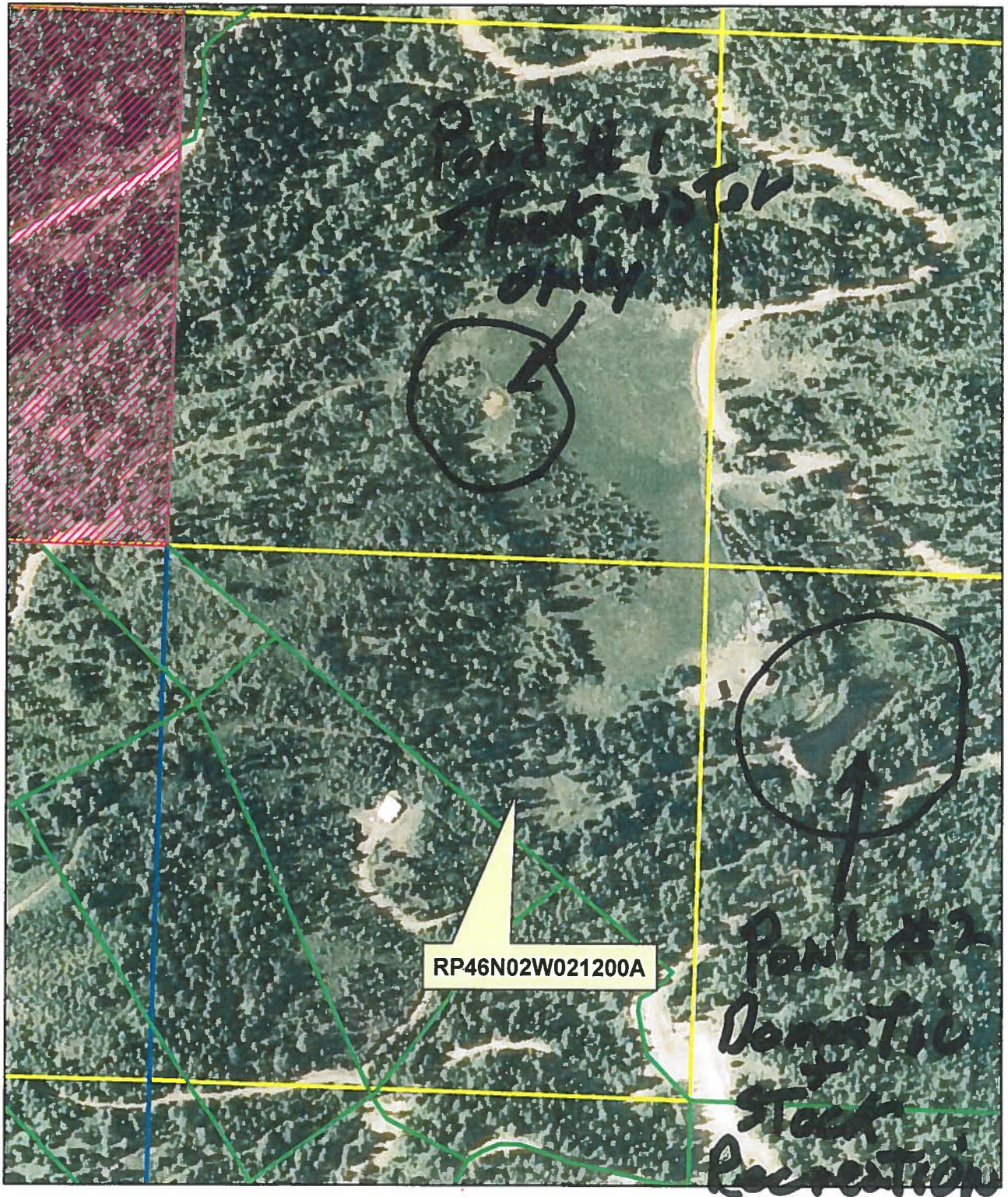
average Depth
average 4'

SCANNED

AUG 11 2011

DIANDA LIVING TRUST PIN RP46N02W014200A

21200A



SCANNED

AUG 11 2011