

Don Crane Transfer Revised Method By J. Stanton 3-30-07

1. Rights - 45-2176	1.6 cfs	80 ac/yr	320 AFA
2220	1.86	160	640
2408	1.32	240	644.1 *
	4.78 cfs	280 ac/yr	1120 AFA

2. Problem - Need 84.8 AFA for new dairy. Allow 2.97 AFA cons use at Twin Falls for 13 ac of alfalfa = 38.6 AFA. Allow 2.49 AFA cons use for 18.6 ac of ^{winter wheat} alfalfa. Dry up 38.6 ac = 11.29% of good rights.

3. Math - 45-2176 x 11.29% = 0.18 cfs	9.0 ac/yr	(-36.0 AFA - 24.1 AFA for dairy)
2220 x " = 0.21 cfs	18.1 "	(-72.4 " - 48.5 "
2408 x " = 0.15 cfs	27.1 "	* (-72.6 " - 72.6 "
0.54 cfs	31.6 ac/yr	126.4 AFA 84.8 AFA

* volume limited by flow rate. Average consumptive volume for land being dried up is 2.68 AFA/ac

Right 45-10107 (expansion right) 1.18 cfs 59 ac/yr 0 AFA

5. Reduction of 11.29% 0.13 cfs 6.7 ac/yr 0 AFA

6. Remainder 1.05 cfs 52.3 ac/yr 0 AFA

SCAI
APR 11