

DRAFT OF THREE (3) MANAGEMENT PLANS TO THE MOUNTAIN HOME
GROUNDWATER AREA.

Data used for these plans is taken from a Memo dated 14 November 2002 to Helen Harington from Bill Ondrecher, employees of IDWR. I agree with the preceptsof the Memo, however it needs future evaluation.

Given from Memo:

1. Consumptive irrigation requirement (CIR) 2.09 acre feet / acre (Ac Ft / Ac).
2. Ground water irrigated acres 38,277 with a CIR of 2.09, providing 77,268
($38,277 \times 2.09 = 77,268$ CIR [Ac Ft/ Yr]).
3. Water Balance
 - A. Source 42,700 Ac Ft / Yr
 - B. Use 81,270 Ac Ft / Yr
 - C. Source less Use 38,570 Ac Ft /Yr an overdraft of 38,500 Ac Ft / Yr*

* The surface water rights were not taken out because the 6,368 CIR (Ac Ft/ Yr) was a small figure compared to the source as provided by Canyon Creek, Little Camas Creek and Rattlesnake Creed/ Also the loss to the Snake river and municipal and Air Force Base use are a small amount..

PLAN 1

From minutes of meeting of 15 December 2003 three (3) possible voluntary reduction of water use were discussed, using CIR base.

1. 10% reduction through more efficient irrigation system and retirement of poor soils.
2. 10% reduction with the use of soil additives (Pam etc.)
3. Another un-explained 10% which makes a total of 30% possible voluntary reduction in water used.

Referring to the Water Balance of Memo of 14 November 2002 we see 38,177 irrigated acres with CIR of 77,268 Ac Ft /Yr.: therefore, a voluntary reduction of water use by 30% we see a reduction of use by 26,794 Ac Ft / Yr or 12,825 Acres. This leaves 11,403 Ac Ft / Yr or 5,494 acres of the overdraft not met. This does not take into account the Prior Appropriations.

PLAN 2

Reduce the 38,570 Ac Ft /Yr by the Prior Appropriation Doctrine. This plan would require all water right holders with a priority date junior to the 1970's to be completely shut off. This is not acceptable at this time.

PLAN 3

10 % reduction in all ground water rights based on irrigation efficiency and soil types. The balance of the reduction would be based on a step tier reduction on all water rights from 1961 forward.