

**DEPLETION ESTIMATES**

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BY: *[Signature]*

1. Hjalmarson Original (October 4, 2014 report)

Subwatershed	Acres	AF/acre	AF
Granite Creek	2,200	3.15	6,930
Williamson Valley	3,600	3.15	11,340
Walnut Creek	1,395	3.15	4,394
Big Chino Creek	900	3.15	2,835
Total	8,095		25,499

25,499 AF divided by 725 = 35.17 cfs

2. Hjalmarson Revised (February 5, 2015 Second Addendum)

Subwatershed	Acres	AF/acre	AF
Granite Creek	2,200	3.15	6,930
Williamson Valley	3,600	3.15	11,340
Walnut Creek	325	3.15	1,024
Big Chino Creek	900	3.15	2,835
Total	7,025		22,129

22,129 AF divided by 725 = 30.52 cfs

3. Using 2000 ADWR Irrigation Requirement Values

Subwatershed	Acres	AF/acre	AF
Granite Creek	2,200	3.3	7,260
Williamson Valley	3,600	2.0	7,200
Walnut Creek	325	2.0	650
Big Chino Creek	900	2.0	1,800
Total	7,025		16,910

16,910 AF divided by 725 = 23.32 cfs

35.17 cfs - 23.32 cfs = 11.85 cfs

11.85 cfs / 23.32 cfs = 50.82%

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