

## Part G – Consistency with Management Goal Attachment G1

### Central Arizona Groundwater Replenishment District (CAGRD)

The City of Prescott is not within the member service area and therefore not enrolled in the CAGRD .

#### Extinguishment Credits

In its 2004 application for a Modification of Designation of Assured Water Supply, the City of Prescott pledged **8,335.86** acre-feet of extinguished grandfathered groundwater rights related to the Chino Valley Irrigation District (CVID) Intragovernmental Agreement (IGA) No. 1998-040. Paragraph 19 of the Department's Decision and Order, dated December 16, 2005, recognized the availability of these credits for the City's designation.

In the City's 2007 application for a Modification of Designation of Assured Water Supply, the 8,335.86 acre-feet of credits were again mentioned as having been pledged as part of its obligation towards meeting Consistency with Management Goal. However, ADWR's Decision and Order No 86-401501.0001, dated December 31, 2009, in Paragraph 15, noted **9,447.95** acre-feet of extinguishment credits. The increase was due to the pledging by Peregrine LLP, a Colorado company doing business in Prescott, of **1,170.51** acre-feet towards the City's Designation.

A public information request in August 2020, for a complete list of the City's pledged extinguishments resulted in an updated excel spreadsheet, provided by ADWR's Mr. Eddie St. Pierre, dated November 10, 2020. That spreadsheet of the City's total number of extinguishment credits indicates that the actual figure should be **9,594.44** acre-feet, an increase of 145.49 acre-feet.

In addition, a Conveyance of Extinguishment Credits form was filed with ADWR in February 2021, pledging to the City's designation an additional **352.50** acre-feet of credits from IGFR No. 58-108054.0006. This results in a total number of credits (corrected and additional) of **9,946.94** acre-feet. **Attachment G1.1**

#### Prescott AMA Calculation of Groundwater Allowance (R12-15-726)

On November 2, 2021, ADWR responded to the City regarding groundwater allowance questions discussed during its Pre-Application Conference on August 25, 2021. The information below is solely in reference to the agreed approach for the Prescott Lakes Masterplan (PLMP). **Attachment G1.2**

Several attachments are included to support the PLMP groundwater allowance request.

**Attachment G1.3** ADWR April 7, 2008 letter

**Attachment G1.4** Map of approved preliminary plats prior to August 21, 1998

**Attachment G1.5** Map of PLMP preliminary and final plats as December 14, 2006

**Attachment G1.6** Map of PLMP groundwater allowance status as of October 20, 2021

The groundwater allowance formula is identified in the 2009 Modification of a Designation of Assured Water Supply No. 86-401501.0001, Attachment E, Formula 1:

The number of lots in the subdivision \* 2.15 (average dwelling occupancy)  
\* 150 gpcd \* 365 days \* 100 divided by 325,851

The City is seeking additional groundwater allowance for the following subdivisions in the Prescott Lakes Master Plan Community, based on Subdivision Name on Final Plat.

**Attachment G1.7**

Each subdivision's required materials are location in the Addendum.

- Pinnacle Unit 1 Ph 1, 3 lots
- Pinnacle 4, 95 lots
- Summit Unit 1, 63 lots
- Estates Unit 1, 166 lots
- Willow Park Estates, 48 lots
- Falcon Point, 118 lots
- Astoria Phases 2A and 2B, 100 lots
- Highgate Senior Living Facility (within Peaks Unit 2), 84 units
- Lakeside Phase 1B, 100 lots
- Brookside, 66 lots
- Pinnacle Unit 2 Ph 1, 9 lots
- Pinnacle 3, 95 lots
- Pinnacle Unit 2 Ph 2A (Solstice Ridge), 18 lots
- Pinnacle Unit 2 Ph 2B, 27 lots
- Canyon Meadow Estates, 27

Outside the boundary of Prescott Lakes, the City seeks a groundwater allowance for:

Cliff Rose Unit 3, 22 lots (instead of 21)

Yavapai Hills Unit 9 Phase 5A, 72 lots

Unplatted Subdivisions Remaining:

Estates Unit 3, 12 lots (outside Prescott Lakes Master Planned Community)

Mason Ridge, 14 lots

Prescott Lakes Master Plan (portions of)

**Exempt Wells**

In ADWR's Decision and Order dated December 31, 2009, Attachment A: Calculation of Groundwater Allowance, Item A.3.vi states:

If any residential groundwater uses, including residential groundwater uses served by any exempt well, in existence on August 21, 1998, have been replaced by permanent water service from the applicant after August 21, 1998, multiply one-half acre-foot of groundwater by the number of housing units receiving the service and then multiply by 100.

In previous Modification applications filed by the City, this particular item was not pursued and was reported as 0 acre-feet. However, for the 2021 Modification, the City intends to present data in support of this opportunity.

During the Pre-Application meeting held on August 25, 2021, the City asked for direction on how to present exempt wells installed prior to August 21, 1998.

Our GIS expert chose the City's water service area and the Chino Valley Irrigation District (some properties there receive city water), to create the same map submitted each year with the City's annual report. He then selected all wells from the ADWR Wells-55 database with an "Exempt" status in the WELLTYPE field, with an installation date of "8/21/1998 or prior." This was then joined with the PARCEL LAYER field using the "Keep only matching records" field to join the two spreadsheets. This resulted in a list of 162 wells.

The City relied on the ADWR Wells-55 database to search for wells that have been abandoned, destroyed or capped, due to the fact that they are now on city water service. A search of 162 wells revealed twenty-four (24) wells had been abandoned, one (1) was destroyed, and two (2) were capped. **Attachment G1.8 (table) and Attachment G1.9 (map)**