

RECEIVED



ADWR RECHARGE

May 26 2026

**ARIZONA DEPARTMENT OF WATER RESOURCES**  
**Water Planning & Permitting Division**  
**1802 West Jackson Street, Box #79**  
**Phoenix, Arizona 85007**  
**Phone: (602) 771-8737**  
**Email: recharge@azwater.gov**

**APPLICATION FOR UNDERGROUND  
STORAGE FACILITY PERMIT (A.R.S. § 45-811.01)**

The initial fee for an Underground Storage Facility Permit Application is \$2,000. If the costs of reviewing your application exceed \$2,000, you will be invoiced for the difference, up to a maximum total fee of \$25,000.

**FOR OFFICE USE ONLY**

Application No.: 71-561366.0008

Date Received: May 26, 2026

Payment may be made by cash, check, or credit card, (if you wish to pay by credit card, please contact the Recharge Program at 602-771-8737). Checks should be made payable to the Arizona Department of Water Resources. In addition to the initial application fee and hourly review costs, the applicant must pay any review-related costs associated with the application and the actual cost of mailing or publishing any legal notice of the application or any notice of a pre-decision administrative hearing on the application. Review-related costs are: (1) costs associated with a pre-decision hearing on the application, such as court reporter services and facility rentals for the hearing, and (2) mileage expenses for a site visit conducted before issuing a decision on the application. **Failure to enclose the initial application fee will cause the application to be returned. Fees for an Underground Storage Facility Permit Application are authorized by A.R.S. § 45-871.01 and A.A.C. R12-15-103.**

**FACILITY DESIGN: (check one)**

☒ **Constructed**

☐ **Managed**

**APPLICATION FOR: (check one)**

☐ **New Underground Storage Facility (USF) permit**

☒ **Modification of USF permit no.:**

71-561366.0007

☐ **Renewal of USF permit no.:**

71-

**GENERAL INFORMATION**

1. Name of Applicant: Central Arizona Water Conservation District (CAWCD)

|                 |                       |            |                   |        |                             |     |              |
|-----------------|-----------------------|------------|-------------------|--------|-----------------------------|-----|--------------|
| Mailing Address | <u>P.O. Box 43020</u> | City       | <u>Phoenix</u>    | State  | <u>AZ</u>                   | Zip | <u>85080</u> |
| Contact Person: | <u>Bryant Dickens</u> | Telephone: | <u>6238692255</u> | Email: | <u>bdickens @cap-az.com</u> |     |              |

2. Facility name: Lower Santa Cruz Recharge Project

(This will be the name used on the permit and in all ADWR correspondence)

3. Is this a State Demonstration Project? X Yes      No

(NOTE: Pursuant to A.R.S. § 45-893.01, **only** Conservation Districts qualify to participate in the State Demonstration Project program.)

4. Name of Active Management Area or Irrigation Non-Expansion Area where the facility will be located:

Tucson

(If the facility is NOT located within an AMA or INA, please indicate "NONE.")

5. Name of the groundwater basin and subbasin where the facility will be located: Santa Cruz Basin and

Avra Valley Subbasin

6. Legal description of the location of the facility: N½ of Section 3 & NE¼ of Section 4, T12S, R11E  
*(10-acre ¼, 40-acre ¼, 160-acre ¼, Section, Township and Range – see Appendix E of USF Application Guide)*

Does the applicant have legal access to the land where the facility and all associated components are located for the duration of the permit?

☒ YES

If yes, please attach a signed Certification of Legal Access to Facility form (Appendix C of USF Application Guide)

☐ NO

If no, please note that the applicant must submit a signed Certification of Legal Access to Facility form (Appendix C of USF Application Guide) before the USF permit will be issued.

In addition, please provide the name, mailing address and email address of the entity who owns the land.

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Email: \_\_\_\_\_

7. The total design capacity of the facility: 600,000  
*(acre-feet to be stored over the duration of the USF permit)*

8. The maximum annual amount of water proposed for storage at this facility: 50,000  
*(acre-feet per year)*

9. Proposed duration of permit: 12  
*(years)*

10. Type of source water to be stored:

☒ CAP Water

☐ Effluent

☐ Decreed and Appropriative Surface Water

If Decreed and Appropriative Surface Water, list river(s): \_\_\_\_\_

11. I agree under penalty of law to obtain any required floodplain use permit from the county flood control district before beginning any construction activities, as required by A.R.S. § 45-811.01(C)(4). ☐ Agree ☐ Disagree

12. **For managed USFs where effluent will be stored only:** Are you requesting that this facility be designated as a facility that could add value to a national park, national monument, or state park, as described in A.R.S. § 45-811.01(D)?

☐ Yes ☐ No

If yes, please submit a completed USF Permit Application Supplement to designate a Managed Underground Storage Facility as one that could add value to a national park, national monument, or state park and all additional information as described on the USF Permit Application Supplement.

13. **For permit modifications only,** give a brief description of the modification(s) requested by this application:

CAWCD is proposing to stop reporting the Parshall flume and instead utilize a recently installed Pulsar AVFM 6.I (±2% accuracy) flow meter located just downstream of the project inlet.

CAWCD would also like to add the ORE Accusonic 8510 + (2% accuracy) at the BKW turnout to the permit.

CAWCD will calculate the water quantity stored by subtracting the Pulsar flow meter downstream of the LSCRIP inlet from ORE flow meter located at the BKW turnout.

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### SUPPORTING EVIDENCE

**Check the following items that have been included with this submittal.** For a new USF application, all items **must** be submitted prior to receiving a complete and correct determination by the Department. For a modification to an existing USF permit, submit only those items that apply to the modification. For a full description of these requirements refer to the USF Application Report in the USF Application Guide.

14. USF Site and Facility Characteristics:

- |                                                   |                                       |
|---------------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Site Characteristics     | <input type="checkbox"/> Geology      |
| <input type="checkbox"/> Facility Characteristics | <input type="checkbox"/> Hydrogeology |

15. Unreasonable Harm and Hydrologic Feasibility Analysis:

- |                                                                                                              |                                                             |                                                    |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Procedures and Results for Calculating Maximum Area of Impact and Mounding Analysis |                                                             |                                                    |
| <input type="checkbox"/> Land and Water Use Inventory                                                        | <input type="checkbox"/> Unreasonable Harm Analysis         | <input type="checkbox"/> Monitoring Plan           |
| <input type="checkbox"/> Water Quality                                                                       | <input type="checkbox"/> Hydrologic Feasibility Conclusions | <input type="checkbox"/> Operation and Maintenance |

16. Legal Requirements:

- |                                               |                                               |                                                                         |
|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|
| <input type="checkbox"/> Technical Capability | <input type="checkbox"/> Financial Capability | <input type="checkbox"/> Certification of Legal Access to Facility Form |
|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|

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### SIGNATURE

I (We), Phillip Pagels, the applicant(s) named in this application, do hereby certify under the penalty of perjury, that the information contained, and statements made herein are true and correct.

623-869-2252

Telephone

Phillip J Pagels

Signature of owner or authorized agent

May 14, 2026

Date of signature

Water Transmission Supervisor

Title

23636 North 7th Street

Mailing Address

Phoenix

City

AZ

State

85024

Zip

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### NOTICE

A.R.S. § 41-1030(B), (D), (E) and (F) provide as follows:

- B. An agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition.
- D. This section may be enforced in a private civil action and relief may be awarded against the state. The court may award reasonable attorney fees, damages and all fees associated with the license application to a party that prevails in an action against the state for a violation of this section.
- E. A state employee may not intentionally or knowingly violate this section. A violation of this section is cause for disciplinary action or dismissal pursuant to the agency's adopted personnel policy.
- F. This section does not abrogate the immunity provided by section 12-820.01 or 12-820.02.



**CENTRAL ARIZONA PROJECT**

P.O. Box 43020  
Phoenix, Arizona 85080

**May 19, 2026**

**Tracey Carpenter**

Recharge & Assured Water Supply Programs  
Arizona Department of Water Resources  
1110 West Washington Street, Suite 310  
Phoenix, Arizona 85007

**SUBJECT: DIRECTOR'S MODIFICATION FOR UNDERGROUND STORAGE FACILITY PERMITS 71-561366.0007**

Dear Ms. Carpenter,

Central Arizona Water Conservation District (CAWCD) requests a Director's Modification for Underground Storage Facility Permit 71-561366.0007, Lower Santa Cruz Replenishment Project. This modification requests a change to the water quantity monitoring plan on the permit. Currently, the project measures flow using an Accusonic 8510+ ( $\pm 1\%$  accuracy) flow meter at the canal. Water is conveyed through the BKW ditch to the project inlet, where a Parshall flume is used to measure inflow volumes. We are proposing to stop reporting the Parshall flume and instead utilize a recently installed Pulsar AVFM 6.1 ( $\pm 2\%$  accuracy) flow meter located just downstream of the project inlet.

**Attachments:**

- USF permit modification Form
- Narrative describing water quantity monitoring plan
- Table 3 Water Quantity Monitoring
- Manufacturing specifications sheets
- Updated site map
- Water flow monitoring diagram

Thank you,

A handwritten signature in black ink that reads 'Phillip J. Pagels'.

**Phillip Pagels, PE**  
Water Transmission Supervisor

CC:

**PHYSICAL ADDRESS**

23636 North 7th Street  
Phoenix, Arizona 85024

**CONTACT INFORMATION**

info@cap-az.com  
623-869-2333

**WEB**

CentralArizonaProject.com  
KnowYourWaterNews.com