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ADWR RECHARGE  
July 23 2020

ARIZONA DEPARTMENT OF WATER RESOURCES  
Water Planning & Permitting Division  
1110 West Washington St., Suite 310  
Phoenix, Arizona 85007  
Phone (602) 771-8737 Fax (602) 771-8689

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

FOR OFFICE USE ONLY  
Application No.: 71-583022.0003  
Date Received: 07-23-2020

The initial fee for an Underground Storage Facility Permit Application is \$2,000. Total fees for this application are based upon an hourly billable rate, which can be found on the ADWR web site at [www.azwater.gov](http://www.azwater.gov). If the costs of reviewing your application exceed \$2,000, you will be invoiced for the differenced, up to a maximum total fee of \$25,000. 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 hourly application fee, 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)

- Underground Storage Facility (USF)
- Modification of USF permit no.:  
71- 583022.0002
- Renewal of USF permit no.:  
71- \_\_\_\_\_

GENERAL INFORMATION

1. Name of Applicant: City of Scottsdale  
Mailing Address :9379 E. San Salvador Drive City :Scottsdale State :AZ Zip :85258  
Contact Person: Maurice Tatlow Telephone: 480-312-5628 Email: mtatlow@scottsdaleaz.gov
2. Facility name: North Scottsdale Aquifer Storage and Recovery Project  
(This will be the name used on the permit and in all ADWR correspondence)
3. Is this a State Demonstration Project?        Yes   X   No  
(NOTE: Pursuant to A.R.S. § 45-893.01, **only** Conservation Districts qualify to participate in State Demonstration Project program.)
4. Name of Active Management Area or Irrigation Non-Expansion Area where the facility will be located:  
Phoenix  
*(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: Carefree

5. Legal description of the location of the facility: NW 1/4 Section 31, T6N, R5E, GSRB&M  
Northeast of the intersection of Cave Creek and Pima Roads, Scottsdale, AZ  
*(quarter/quarter/quarter/section, township and range – see Appendix C of USF Application Guide)*

6. Does the applicant own the land where the facility is to be located?  Yes  No  
Note: the Filter Station and all recovery wells are on land owned by the City. Several vadose zone recharge wells and a significant amount of piping are covered by easements.

7. The total design capacity of the facility: minimum of 72,840 AF (value from original permit)  
*(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: 1,832  
*(acre-feet per year)*

9. Proposed duration of permit: Continuation through January 31st, 2022 (i.e. end of existing permit)  
*(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: \_\_\_\_\_  
Abandonment of 7 vadose zone recharge wells, construction of 4 new vadose zone recharge wells,  
replacement of 1 aquifer storage and recovery well, and replacement of 1 monitor well.

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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: All supplied with original permit and still applicable  
 Site Characteristics  Geology  
 Facility Characteristics  Hydrogeology

15. Unreasonable Harm and Hydrologic Feasibility Analysis: All supplied with original permit and still applicable

- Procedures and Results for Calculating Maximum Area of Impact and Mounding Analysis
- Land and Water Use Inventory       Unreasonable Harm Analysis       Monitoring Plan
- Water Quality       Hydrologic Feasibility Conclusions       Operation and Maintenance

16. Legal Requirements: All supplied with original permit and still applicable

- Technical Capability       Financial Capability       Legal Access

**SIGNATURE**

I (We), City of Scottsdale, 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.

480-312-5628  
Telephone

Maurie A. Tatlow  
Signature of owner or authorized agent

07/20/2020  
Date of signature

Hydrogeologist  
Title

<u>9379 E. San Salvador Drive</u>	<u>Scottsdale</u>	<u>AZ</u>	<u>85258</u>
Mailing Address	City	State	Zip

**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.