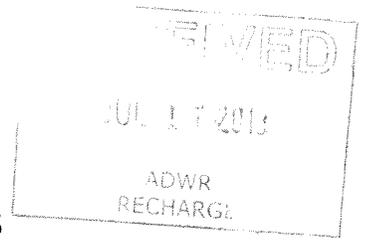


CITY OF PHOENIX

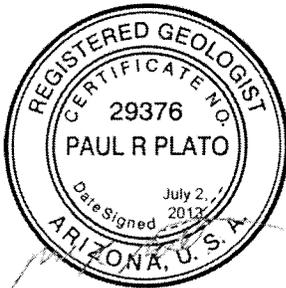
ARIZONA DEPARTMENT OF WATER RESOURCES
UNDERGROUND STORAGE FACILITY AND
WATER STORAGE PERMIT APPLICATION



Project No. WS85010048

CITY OF PHOENIX CAVE CREEK ASR-1
PHOENIX, ARIZONA

July 2013



Expires September 30, 2013



EXPIRES 06-30-2015

Prepared By

Clear Creek Associates
6155 E. Indian School Road, Suite 200
Scottsdale, Arizona 85251

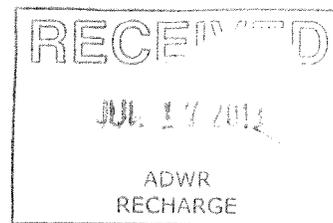


In Association With

Carollo Engineers
4600 E. Washington Street, Suite 500
Phoenix, Arizona 85034



ARIZONA DEPARTMENT OF WATER RESOURCES
 Water Management Division
 3550 North Central Ave, 2nd Floor
 Phoenix, Arizona 85012-2105
 Phone (602) 771-8500 Fax (602) 771-8689



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. Total fees for this application are based upon an hourly billable rate, which can be found on the ADWR web site @www.azwater.gov. If the costs of reviewing your application exceed \$2,000, you will be invoiced for the difference, up to a maximum total fee of \$65,000. Payment may be made by cash, check, or credit card (if you wish to pay by credit card, please contact the Recharge Program at 602-771-8599). 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.**

FOR OFFICE USE ONLY
 Application No.: 71-222546-0000
 Date Received: 7-17-2013

FACILITY DESIGN: (check one)

- Constructed
- Managed

APPLICATION FOR: (check one)

- Underground Storage Facility (USF)
- Modification of USF permit no.:
71-_____
- Renewal of USF permit no.:
71-_____

GENERAL INFORMATION

1. Name of Applicant: City of Phoenix
200 West Washington St., 8th Floor Phoenix, AZ. 85003-1611
 Mailing Address City State Zip
 Contact Person: Aimee D. Conroy, P.E. Telephone: (602) 262-7454 Fax: _____
2. Is this a State Demonstration Project? Yes No
 (NOTE: Pursuant to A.R.S. § 45-893.01, **only** Conservation Districts qualify to participate in State Demonstration Project program.)
3. Name of Active Management Area or Irrigation Non-Expansion Area where the facility will be located:
Phoenix Active Management Area
 (If the facility is NOT located within an AMA or INA, please indicate "NONE.")
4. Name of groundwater basin and subbasin where the facility will be located: _____
East Salt River Valley sub-basin

5. Legal description of the location of the facility: SW ¼ of NE ¼ of SW ¼ Section 14
Township 4N, Range 3E, Gila & Salt River Baseline & Meridian
(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
7. The total design capacity of the facility: 58,060 acre-feet
(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: 2,903
(acre-feet per year)
9. Proposed duration of permit: 20 years
(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: _____

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:
- Site Characteristics Geology
 Facility Characteristics Hydrogeology
15. Unreasonable Harm and Hydrologic Feasibility Analysis:
- 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:

Technical Capability

Financial Capability

Legal Access

NOTARIZED SIGNATURE

I (We), Aimee D. Conroy, P.E., the applicant(s) named in this application, do hereby certify under the penalty of perjury, that the information contained and statements made herein are to the best of my (our) knowledge and belief true, correct and complete.

(602) 262-7454
Telephone

Aimee D. Conroy
Signature of owner or authorized agent

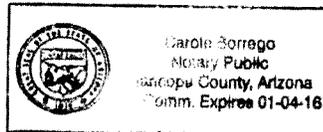
Deputy Water Services Director
~~Assistant Water Production Superintendent.~~
Title

City of Phoenix Water Services Department
200 West Washington St., 8th Floor Phoenix, AZ. 85003-1611
Mailing Address City State Zip

STATE OF ARIZONA)
) ss.
County of Maricopa)

Subscribed and sworn to before me this 10th day of July, 2013

Carole Borrego
Notary Public



January 4, 2016
My commission expires