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ARIZONA DEPARTMENT OF WATER RESOURCES
Water Planning & Permitting Division
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JUL 30 2021

ADWR
RECHARGE

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

FOR OFFICE USE ONLY
Application No.: 71-223849.0001
Date Received: 7/30/2021

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. 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.: 71-223849.0000
Renewal of USF permit no.: 71-

GENERAL INFORMATION

1. Name of Applicant: EPCOR Water Arizona Inc.
2355 W Pinnacle Peak Road, Suite 300 Phoenix AZ 85027
Mailing Address City State Zip
Contact Person: Christina Cameron Shane, PE Telephone: 623-587-5211 Email: CShane@epcor.com

2. Facility name: Luke 303 Water Reclamation Facility
(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 AMA
(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: Salt River Valley Basin and West Salt River Valley Subbasin

5. Legal description of the location of the facility: NE ¼ of SE ¼ Section 18, T2N, R1W, Gila and 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: 77,825 acre-ft (includes 1,252 af Sept 2017 – July 2021 plus 76,573 af Aug 2021 – Sept 2037)

(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: 4,761 afy

(acre-feet per year)

9. Proposed duration of permit: 16 years 1 month (current expiration September 8, 2037)

(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: EPCOR is in the process of Luke 303 WRF improvements to expand the facility from 326.7 afy to 4,761 afy via the construction of eight (8) basins, in addition to existing Basin 1-2. This application is intended to modify the original permit to the established expiration date of September 8, 2037.

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

