ARIZONA DEPARTMENT OF WATER RESOURCES
Water Management Division
3550 North Central Ave, 2nd Floor
Phoenix, Arizona 85012-2105
Phone (602) 771-8585 Fax (602) 771-8689

RECEIVED
NOV 24 2009
RECHARGE

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

APPLICATION FEE $ 750.00 DUE UPON FILING

PERMIT FEE OF $ 500.00, PLUS NOTICE AND PUBLICATION FEES TO BE DETERMINED, WILL BE DUE PRIOR TO ISSUANCE OF PERMIT

PLEASE SUBMIT ONE ORIGINAL AND THREE COPIES OF THE COMPLETED APPLICATION AND ALL SUPPORTING MATERIALS

FOR OFFICE USE ONLY
Application No.: 71-218760.0000
Date Received: 11-24-09

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 Surprise
   16000 N. Civic Center Plaza | Surprise | AZ | 85374
   Mailing Address | City | State | Zip
   Contact Person: Christine Nunez Telephone: (623) 222-7035 Fax: (623) 222-7001

2. 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.)

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:
   Salt River Valley, West Salt River Valley Sub-Basin

5. Legal description of the location of the facility: SW 1/4 of Section 22, Township 4N, Range 2W
   (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? X Yes _____ No

7. The total design capacity of the facility: 85,130 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: 4,256 acre-feet per year
(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), Rich Williams, Sr. / City of Surprise, 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.

(623) 222-7000
Telephone

Rich Williams, Sr.
Signature of owner or authorized agent

Assistant Public Works Director
Title

16000 N. Civic Center Plaza	Surprise	AZ	85374
Mailing Address	City	State	Zip

STATE OF ARIZONA)
) ss.
County of Maricopa)

OFFICIAL SEAL
CAROLYN J. ELLINGTON
Notary Public - State of Arizona
MARICOPA COUNTY
My Comm. Expires Oct. 12, 2011

Subscribed and sworn to before me this 23rd day of November, 2009

Carolyn J. Ellington
Notary Public

October 12, 2011
My commission expires