

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

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

FOR OFFICE USE ONLY

Application No.: 71-563943.0002
Date Received: 5/11/10

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

FACILITY DESIGN: (check one)

- Constructed
 Managed

APPLICATION FOR: (check one)

- Underground Storage Facility (USF)
 Modification of USF permit no.:
71-563943
 Renewal of USF permit no.:
71-_____

GENERAL INFORMATION

1. Name of Applicant: CITY OF TEMPE WATER UTILITIES DEPARTMENT
255 E. MARIGOLD LANE, TEMPE, AZ 85281
Mailing Address City State Zip
Contact Person: BASIL BOYD Telephone: 480-350-2603 Fax: 480-350-8336
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
(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
5. Legal description of the location of the facility: _____
SE 1/4 SECTION 10, T1S, R4E, GSRB&M
(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: 34,000
(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: 3,400
(acre-feet per year)
9. Proposed duration of permit: 10
(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: _____
VADOSE ZONE WELL TO BE ABANDONED AND REPLACED WITH UPPER ALLUVIAL-AQUIFER ASR WELL. SEE ATTACHED TEXT FOR DETAILS.

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), BASIL J. BOYD JR., 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.

480-350-2603

Telephone

Basil J. Boyd Jr.

Signature of owner or authorized agent

WATER RESOURCES HYDROLOGIST

Title

255 E. MARIGOLD LN.

Mailing Address

TEMPE

City

AZ

State

85281

Zip

STATE OF ARIZONA)

) ss.

County of Maricopa)

Subscribed and sworn to before me this 7th day of May, 2010

Marianne Van Auken

Notary Public

1/16/2014

My commission expires

