

ARIZONA DEPARTMENT OF WATER RESOURCES
 Water Management Division
 3550 North Central Ave, 2nd Floor
 Phoenix, Arizona 85012-2105
 Phone (602) 771-8585 Fax (602) 771-8699

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

FACILITY DESIGN: (check one)

- Constructed ASW
- Managed 2/23/10

APPLICATION FOR: (check one)

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

FOR OFFICE USE ONLY
 Application No.: 71-218762-0000
 Date Received: _____

GENERAL INFORMATION

1. Name of Applicant: City of Sierra Vista
401 Giulio Cesare Sierra Vista AZ 85635
 Mailing Address City State Zip
 Contact Person: Alan Humphrey Telephone: (520) 458-5775 Fax: (520) 417-4859

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:
None

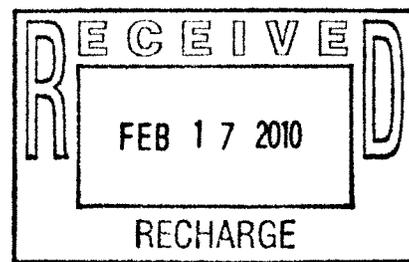
(If the facility is NOT located within an AMA or INA, please indicate "NONE.")

4. Name of groundwater basin and subbasin where the facility will be located:
Upper San Pedro Basin, Sierra Vista Sub-basin

5. Legal description of the location of the facility: North half of the northwest quarter of
Section 8, Township 22 South, Range 21 East

(quarter/quarter/quarter/section, township and range - see Appendix C of USF Application Guide)

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

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

FOR OFFICE USE ONLY
Application No.: 71-218762.0000
Date Received: _____

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 Sierra Vista
401 Giulio Cesare Sierra Vista AZ 85635
Mailing Address City State Zip
Contact Person: Alan Humphrey Telephone: (520) 458-5775 Fax: (520) 417-4859
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
None
(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 _____
Upper San Pedro Basin, Sierra Vista Sub-basin
5. Legal description of the location of the facility: North half of the northwest quarter of
Section 8, Township 22 South, Range 21 East
(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 X No
7. The total design capacity of the facility: 44,840
(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: 2,242
(acre-feet per year)
9. Proposed duration of permit: 20
(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): N/A
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. N/A
13. **For permit modifications only,** give a brief description of the modification(s) requested by this application _____
N/A

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

