STATE OF ARIZONA
INDIVIDUAL RECYCLED INDUSTRIAL WATER PERMIT NO. R-100774
PLACE ID 3134, LTF 116458

1.0 AUTHORIZATION

In compliance with the provisions of Arizona Administrative Code (A.A.C.) Title 18, Chapter 9, Article 7 and A. A. C. Title 18, Chapter 11, Article 3 and amendments thereto, and the conditions set forth in this permit, Salt River Project (SRP) Agricultural Improvement and Power District is hereby authorized to use industrial wastewater for beneficial reuse in accordance with the limitations, monitoring requirements and other conditions set forth in this permit and in the rules cited above, at the Agua Fria Generating Station, located at 7302 West Northern Avenue, in the City of Glendale, Maricopa County, Arizona, over groundwater of the Phoenix Active Management Area (AMA) in Township 2 N, Range 1 E, Sections 1, 12, 13, and 14.

This permit becomes effective on the date of the Acting Director's signature and will expire five years thereafter, unless suspended or revoked pursuant to A.A.C. R18-9-A706(A)(2). Conditions established in this permit are designed to protect public health and safety, prevent contamination of groundwater through consumptive water use, and conserve potable water by using recycled resources. Water application rates authorized herein do not supersede the requirements of the Arizona Department of Water Resources.

1.1 PERMITTEE INFORMATION

Facility Name:	Agua Fria Generating Station
Facility Address:	7302 West Northern Avenue, Glendale, Arizona 85303
Permittee:	Salt River Project Agricultural Improvement and Power District
Permittee Address:	P.O. Box 52025, AFS 200 Phoenix, Arizona 85072
Facility Contact:	Jenifer Grimes, Director
Emergency Phone No.:	(623) 695-8461
Latitude/Longitude:	33° 31' 25" N / 112° 12' 42" W
Legal Description:	Township 2 N, Range 1 E, Sections 1, 12, 13, and 24

1.2 REUSE SITES

Latitude/Longitude:	33° 33' 14.29" N / 112° 12' 46.10" W
Legal Description:	The distribution point is located at the NW corner of the intersection of Northern Avenue and 71st Avenue in Maricopa County, on the SE corner of the property.

1.3 AUTHORIZING SIGNATURE

_____

Randall Matas, Director
Water Quality Division (WQD)
Arizona Department of Environmental Quality

Signed this _____day of _____, 2026

2.0 INDUSTRIAL RECYCLED WATER USE

2.1 Reuse Site Description

The reuse site is the portion of SRP's water delivery system that provides irrigation water to customers via Laterals 1-19. The reuse area is about 4 miles long and 1 mile wide and is generally bounded by Northern Avenue to the north, 67th Avenue to the east (lateral channels run parallel to the roadway), Indian School Road to the south, and 75th Avenue to the west. It is primarily a residential area but includes some commercial property, recreational parks, and schools. Not all properties within the reuse area receive irrigation water from SRP, and the properties that do receive irrigation water can vary over time, depending upon the needs of individual customers. Annual water delivery between 2020 and 2025 averaged 11,556 acre-feet per year or approximately 3,765 million gallons per day (MGD).

3.0 ALLOWABLE PERMIT LIMITS AND MONITORING REQUIREMENTS

3.1 Discharge Monitoring

SRP provided a discharge characterization of the untreated discharge from the Agua Fria Generating Station indicating that process water meets applicable agricultural water quality standards for the intended use and no changes in water quality are anticipated under routine operating conditions. No routine discharge monitoring is required under this permit. ADEQ reserves the right to require sampling if evidence of a change in process water quality indicates a need.

3.2 Records Retention [A.A.C. R18-9-706(B)(6)]

Records of all monitoring activities and results used to demonstrate compliance with this permit (including all data for continuous monitoring instrumentation of the holding tank and outlet piping, calibration, electronic recording and maintenance records for the same) shall be retained for five (5) years.

4.0 MANAGEMENT PRACTICES

Providing industrial recycled water to the reuse area shall be performed according to the following requirements:

1. Delivery of industrial recycled water for irrigation and other non-potable usage is limited to the area as indicated in the permit application and supporting documentation and as listed in Section 2.0 of this permit.

4.1 Prohibited Activities [A.A.C. R18-9-B702]

This permit allows the use of industrial recycled water solely for the purposes allowed by this permit. The following activities are prohibited:

1. Providing industrial recycled water for any of the following activities:
    a. Direct reuse for swimming, wind surfing, water skiing, or other full-immersion water activity with a potential of ingestion; or
    b. Direct reuse for evaporative cooling or misting.
2. Delivery of industrial recycled water to any area other than a direct reuse area.

5.0 COMPLIANCE

5.1 Violations of Discharge Limits and Permit Conditions

1. The permittee shall notify the ADEQ Groundwater Protection Section in writing within five days of becoming aware of a violation of any permit condition or discharge limitation.
2. The permittee shall submit in a written report to the ADEQ Groundwater Protection Section within 30 days of becoming aware of the violation of any permit condition or discharge limitation. The report shall document all of the following:
    a. Identification and description of the permit condition for which there has been a violation and a description of the cause;

b. The period of violation including exact date(s) and time(s), if known and the anticipated time period during which the violation is expected to continue;
c. Description of any malfunction or failure of pollution control devices or other equipment or processes;
d. Any corrective action taken or planned to mitigate the effects of the violation, or to eliminate or prevent a recurrence of the violation;
e. Any monitoring activity or other information that indicates that any pollutants from the facility would be reasonably expected to cause a violation of an applicable Water Quality Standard or cause endangerment to public health and safety;
f. Proposed changes to the monitoring, which include changes in constituents or increased frequency of monitoring.

5.2 Unauthorized Discharge

The permittee shall notify the ADEQ Groundwater Protection Section within 24 hours after becoming aware of an unauthorized discharge of the combined wastewater from the Outfall 002 holding tank directly to an aquifer or to the land surface, surface water bodies, or to the vadose zone in such a manner that there is a reasonable probability that a pollutant will reach an aquifer. This notification shall include:

1. A description of the discharge including a characterization;
2. A description of the cause of the discharge;
3. The location and duration of the discharge including exact date(s) and time(s);
4. A plan of action, which addresses remedial or mitigative action.

5.3 Reporting Location

Notifications of unauthorized discharge and violations of discharge limits and permit conditions shall be submitted via email to GroundwaterPermits@azdeq.gov or to:

Arizona Department of Environmental Quality
Groundwater Protection Section
1110 W. Washington Street
Phoenix, AZ 85007
Phone: (602) 771-4999

6.0 GENERAL PROVISIONS

6.1 Information Changes [A.A.C. R18-9-A705(B) and (D)]

The Permittee shall notify the ADEQ Groundwater Protection Section in writing at least once quarterly of any change of facility information including Facility Name, Permittee Name, Mailing or Street Address, Facility Contact Person or Telephone Number.

6.2 Duty to Comply [A.R.S. §§ 49-221 through 49-263]

The permittee is notified of the obligation to comply with all conditions of this permit and all applicable provisions of A.R.S.§ Title 49, Chapter 2, Articles 1, 2 and 3, A.A.C. Title 18, Chapter 7 and A.A.C. Title 18, Chapter 11, Article 3. Any permit non-compliance constitutes a violation and is grounds for an enforcement action pursuant to A.R.S. § Title 49, Chapter 2, Article 4 or permit amendment, suspension, or revocation.

6.3 Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. The filing of a request by the Permittee for a permit action does not stay or suspend the effectiveness of any existing permit condition.

6.4 Other Laws and Rules

The issuance of this permit does not waive any federal, state, county, or local government rules, regulations, or permits with which this facility may have to comply.

6.5 Permit Continuance [A.A.C. R18-9-A705 & R18-9-B703(A)]

This permit shall expire 5 years from the date of signature and must be updated as prescribed by R18-9-A705. The permittee shall file an application for reissuance not less than 60 days before the expiration of this permit. The terms and conditions of an expired permit are automatically continued pending issuance of a new permit if:

1. The permitted activity is of a continuing nature;
2. Permittee has submitted a timely (120 days before expiration date of permit) and sufficient application for a new permit; and
3. ADEQ is unable, through no fault of Permittee, to issue a new permit before the expiration date of the previous permit.

7.0 REFERENCES AND PERTINENT INFORMATION

The terms and conditions set forth in this permit have been developed based upon the information contained in the following, which are on file with the Department:

1. Individual Industrial Recycled Water Permit Application dated 5/28/2026