



**Timothy L. Nuvangyaoma**  
Chairman  
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Vice Chairman

December 8, 2017

Mr. Gary Sheth  
NPDES Permits Section (WTR-2-3)  
Water Division  
USEPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

Subject: CWA 401 Water Quality Certification for the **Upper Moenkopi Wastewater Treatment Facility AZ0024619** Moenkopi Wash and tributaries

National Pollutant Discharge Elimination System Permit No.: **AZ0024619**  
Hopi Tribe Water Resources Program 401 Certification No.: **HWRP-401-20171208**

Mr. Sheth,

The Hopi Tribe Water Resources Program (WRP) has reviewed your request for certification pursuant to section 401 of the Clean Water Act (CWA) under National Pollutant Discharge Elimination System (NPDES) Permit No. AZ0024619. This letter shall serve as such certification. Your acceptance of this certification confirms your recognition of your responsibility to ensure all activities performed under this NPDES permit are done in accordance with the permit and the conditions below.

#### **NPDES Permit Description**

NPDES permit no. AZ0024619 regulates the discharge of water from the Upper Moenkopi Wastewater Treatment Facility (WWTF), which is located in Moenkopi, Arizona and discharges into the Moenkopi Wash and its tributaries.

## Certification

We hereby grant 401 Certification for NPDES permit no. AZ0024619 with the following conditions:

1. Monitoring for the following effluent parameters are to be added for any reuse application to edible crops as follows:

Direct reuse of reclaimed water recycles treated effluent for beneficial uses, thereby conserving potable water sources for human consumption and domestic uses. Regulations apply to wastewater treatment facilities supplying reclaimed water and to the sites where water is applied or used.

These regulations apply if you are:

- An owner or operator of a sewage treatment facility that generates reclaimed water for direct reuse
- An owner or operator of a reclaimed water blending facility
- A reclaimed water agent
- An end user
- A person who uses gray water
- A person who directly reuses reclaimed water from a sewage treatment facility combined with industrial wastewater or combined with reclaimed water from an industrial wastewater treatment facility
- A person who directly reuses reclaimed water from an industrial wastewater treatment facility in the production or processing of a crop or substance that may be used as human or animal food

All wastewater treatment facilities providing reclaimed water for reuse must certify that a particular Class (A+, A, B+, B or C) of reclaimed water is being upheld. Monitoring and reporting of reclaimed water quality to ensure that effluent limitations for reclaimed water quality classes are met.

Class A Reclaimed Water Limits and Monitoring include:

- Turbidity (by filtration)  $\leq 2$  NTU (24-hr average)  
 $\leq 5$  NTU (Never to exceed)
- Fecal coliform: No detectable (4 of the last 7 daily samples). Daily sampling is required at the start of each growing season, and if after 30 days of such monitoring, there are no violations of this requirement the monitoring shall be reduced to once per week till the beginning of the next growing season. Any violation of the single sample maximum shall require the permittee to reinstate the daily monitoring for another 30 day period which may be reduced to weekly monitoring if there are no violations during this additional 30 day period.
- To gain Class A+ rating: Nitrogen removed to below 10 mg/l

\* Dissolved concentrations.

2. Water discharged under this permit shall not contain settleable materials or suspended materials in concentrations that cause nuisance or adversely affect beneficial uses. The facility shall not violate any narrative and numeric criteria established in the Hopi Tribe's Water Quality Standards.
3. If there are any substantive changes in this NPDES permit that may affect water quality, you shall notify the Hopi Tribe Water Resources Program, immediately. Failure to do so will result in revocation of this certification.

Please feel free to contact me if there are any questions at [lpuhuyesva@hopi.nsn.us](mailto:lpuhuyesva@hopi.nsn.us) or by phone at (928)734-3711.

Sincerely,

A handwritten signature in black ink, appearing to be 'LP', followed by a horizontal line.

Lionel Puhuyesva, Director  
Hopi Water Resources Program