

STATEMENT OF BASIS FOR MODIFICATION
OF AZPDES PERMIT NO. AZ0026719

ADEQ received an application on October 12, 2022 from the Tusayan Sanitary District, owner of Tusayan Wastewater Treatment Plant, to modify AZPDES Permit No. AZ0026719 (August 5, 2022) pursuant to A.C.C. R18-9-B906. The request proposes to change the frequency of sampling for BOD and TSS from 1x/2 weeks to once per month.

The Tusayan Wastewater Treatment Plant is a Publicly Owned Treatment Works (POTW). The receiving water for the Outfall 001 is the Coconino Wash which is a tributary to the Colorado River in the Grand Canyon River Basin.

The Tusayan Wastewater Treatment Plant has a design capacity of 0.75 MGD discharges through Outfall 001. Treatment processes at the WWTP consist of activated sludge aeration (“Biolac” de-nitrification system), sand filtration, and ultraviolet disinfection.

The applicable designated uses for the Coconino Wash are: Aquatic and Wildlife effluent dependent water (A&Wedw), and Partial Body Contact (PBC).

ADEQ has reviewed the request and proposes to modify the permit as follows:

Current Permit	Modification	Reason for Change
Sampling frequency for TSS and BOD = 1x/2 weeks	Sampling frequency for TSS and BOD = 1x/month	Appropriate sampling frequency for WTP with design capacity >1 MGD and no counter indicative circumstances

Anti-Backsliding Considerations:

“Anti-backsliding” refers to statutory (Section 402(o) of the Clean Water Act) and regulatory (40 CFR 122.44(l)) requirements that prohibit the renewal, reissuance, or modification of an existing NPDES permit that contains effluent limits, permit conditions, or standards that are less stringent than those established in the previous permit. The rules and statutes do identify exceptions to these circumstances where backsliding is acceptable. This permit has been reviewed and drafted with consideration of anti-backsliding concerns. 40 CFR 122.44(l)(2)(i)(B)(1) allows a permit to be modified to contain a less stringent effluent limitation if information becomes available which was not available at the time of permit issuance (other than revised regulations, guidance, or test methods) and which would have justified the application of a less stringent effluent limitation at the time of permit issuance.

Public Notice (A.A.C. R18-9-A907) / Public Comment Period:

These changes are considered a major modification. This proposed modification will be public noticed for a 30-day comment period prior to issuance of the final permit decision.

EPA Review (A.A.C. R18-9-A908(C))

A copy of this draft permit modification any revisions made to this draft as a result of public comments received will be sent to EPA Region 9 for review. If EPA objects to a provision of the draft, ADEQ will not issue the permit until the objection is resolved.