

**ADEQ Delegation Agreement Training
Scour Calculations Review Illustrated
Tuesday, March 8, 2022
8:30 AM to 10:00 AM
WEBINAR ONLY**

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This webinar is focused on counties with delegation for Type 4.01 General Permits (Sewage Collection Systems)

Session # 1: 8:30 – 10:00 a.m. Scour Calculations Review Illustrated

Speaker – Raymond Morgan, P.E., ADEQ Groundwater Protection Value Stream

- Arizona Administrative Code guidelines on the design of sewer lines across floodways.
- Definition of a floodway
- Review of pressure sewer design crossing a floodway
- Review of vertical scour calculations of washes that the pressure sewer crosses.
- Review of horizontal bank erosion potential calculations of washes that the pressure sewer crosses.
- Review of the design report statements
- Review of the soils report that the design report uses to justify the tractive force calculations for potential bank erosion
- Review of ADWR Watercourse System for Sediment Balance

Per the Arizona Sanitarian's Counsel, 1.5 Registered Sanitarian Continuing Education Units are available for participation.

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