

Meeting Agenda/Summary

Meeting	Water Quality Division: Onsite Wastewater Advisory Committee (OWAC)
Date	Tuesday, May 5, 2026
Start / End Time	9:00 am – 11:00 am (MST)
Location	Google Meets link in calendar invite meet.google.com/niw-xrqr-wts
Email	OWAC@azdeq.gov
Documents	Located in ShareFile - https://azdeq.sharefile.com/

MEMBERS

- ☒ Mike Stidham, EZ Treat, Chair
- ☒ Crystal McKee, Mohave County, Vice Chair
- ☐ Aline Parker-Eaton, Northern Arizona Inspection
- ☐ Brian Knisley, Maricopa County
- ☒ Dave Bartholomew, BWS Inc

- ☐ David Pounders, Pounders Engineering
- ☒ Jeremy Griffin, Apollo Drain and Septic Services
- ☒ Kevin Sherman, SeptiTech
- ☒ Kitt Farrell-Poe, University of Arizona
- ☒ Max Kamen, Yavapai County

- ☒ Mike Basic, Basic Drilling
- ☐ ~~Nicholas Noble, Orenco~~
- ☐ Tabitha Zapata, Macho Contracting

ADEQ STAFF

- ☐ Trevor Baggiore, Water Quality Division Director
- ☐ Randall Matas, Water Quality Division Deputy
- ☐ Kyle Uptergrove, Unit Manager
- ☒ JW Thompson, Environmental Engineering Specialist III
- ☐ Natalie Kilker, Legal Specialist

- ☐ Raymond Morgan, Trainer
- ☒ Linneth Lopez, Environmental Engineering Specialist III
- ☐ Ali Baadiyan, Environmental Engineer Specialist III
- ☒ Luke Peterson, Environmental Engineer Specialist III
- ☐ David Lelsz, Program Manager

- ☒ Mannie Rehm Bowler, Liaison
- ☐ Laura Carusona, Manager
- ☐ Edwin Slade, OAC Manager

Meeting Agenda/Summary

Agenda Topic	Lead	Overview	Documents	Action Requested	NOTES
Welcome (10 mins)	Mike Stidham, Chair	Roll Call	Ground Rules ShareFile - Where Companies Connect static.azdeq.gov/wqd/owac_procedures.pdf		
Summary review (10 mins)	Mike Stidham, Chair	- March Summary - April Summary	Sent as PDF via Email	For Decision	March Summary: Crystal moved to accept. Kevin seconded. Kevin needs to be invited to serve another term. Mike: there is confusion on when terms are actually expiring. Motion passed. April Summary: Crystal moved to accept. Max seconded. No discussion. Motion passed.
ADEQ Updates for OWAC (5 min)	ADEQ, Mannie Bowler or Kyle Uptergrove	- Membership Recruitment due July 2026 1.09 RV/MHP Problem Solving Update		For Information	Membership Recruitment: Manny: July is the old recruitment schedule. ADEQ may need to update for a December. Yes, the roster does indicate a December term date. 1.09 RV/MHP Problem-solving Update: Manny: ADEQ doesn't have an inventory of the state's RV & MHP locations. ADEQ is working with the Counties to develop an inventory of what they've been doing which works or hasn't worked. Manny is working on both

Meeting Agenda/Summary

					inventories. Mike: next week the MHP & RV associations are convening next week in North Phoenix. Mike will be in attendance and presenting and communicating with their boards. They are concerned about the State's and Counties' approaches and strategies. There are concerns about park closures. Manny: this is also about affordable housing. Kevin: is there a published agenda? Mike: Yes. Kevin: can you get it to Manny to share with her team? Mike: yes.
ADEQ Rulemaking Update (5 min)	Kyle Uptergrove	1.5 Update - Task groups and application process 5 Year Rule Update email			1.5 Update: Linneth: ADEQ is working on the rulemaking. Reviewing the previous recommendations to determine where in the rule the recommendations would fit. Hired a contractor to review other rulemaking change recommendations (for areas that weren't covered). Mike: David L. indicated that a version might be available in January 2027 or July 2027. Linneth: This for David L. to answer. Note: this section is for a complete rule change/update. 5-Year Rule Update: Linneth: this is for the current rule updates.
Old Business (30 min)	Mike Stidham, Chair	Table 1 Task Committee (Please review the "OWAC Charge – Table 1 Revised Draft" provided by Crystal.	Sent as PDF via Email	For Discussion	Table 1 Task Committee: Crystal: since she didn't attend the April meeting, not sure what the group's position is on this topic. Mike: discussion included adding a Table 2 for mass loading. If design flows are reduced, then mass loading is essential for getting the designs correct. Also, many items are listed for average daily flow and not at peak flows, therefore, the systems are too small. Crystal: peak loading wasn't addressed

Meeting Agenda/Summary

- Training Modules development for 1.5 items
- Reminder that Membership Recruitment is due by July 2026. Please review the OWAC Members List. [We need clarification from ADEQ about what the actual term end (June or Dec).]
- List of projects that the Agency needs addressed (things that ADEQ and OWAC can work on together). Interest expressed for:
 - 1.09
 - Op Cert Program (Certified training program in Arizona that aligns with ADEQ.

in the Excel spreadsheet specifically. Mike: He sees that across the nation that designs based on average-daily load are not working correctly because the actual loads are frequently over the average-daily loads. Kevin: ADEQ has been clear that they are not interested in tackling this item, so adding more complexity won't be palatable. Perhaps, recommending a peaking factor at the heaviest usage for the various categories. Max: if we're looking at the hydraulic loading and it isn't typical waste strength, then mass loading is needed AND to get the mass loading, sampling will be required. He wants more guidance on what to sample, when, how, frequency, etc. Crystal: added a statement to the document: "In short... Reducing hydraulic loading without also considering the impact of the mass loading could be very risky. If mass loading is not being considered in the 1.5 rule, it may be beneficial to keep hydraulic loading rates as high as possible to help account for mass loading indirectly (peak flow, rather than average, may be most beneficial). If mass loading is not standardized in Table 1 or a potential Table 2, standards for sampling may be needed."

Motion: Crystal moved to accept the document as written and move it to ADEQ. Max seconded. Motion passed unanimously.

Training Modules Development for 1.5 items:
Manny: The ADEQ and AzOWRA discussions have been on getting more training to the rural parts of Arizona and increase the frequency. These discussions have not been shared with Kitt at UA. Perhaps a train-the-trainer could be

Meeting Agenda/Summary

		• Revised NAWT Inspection protocols • New Site Investigation Forms		provided. Is the NAWT training specific to Arizona? Are the statewide trainings specific enough to individual locations? Max: there is advanced training needed because more trickier sites are being designed on. List of Projects that the Agency Needs Addressed: Mike & Dave: 4.09 seemed to have the most interest. Manny: ADEQ sent a list of projects they would be interested in having OWAC work on. Crystal: during the March meeting, ADEQ shared the list. 1.09 and operator certification program were identified as ones OWAC would be interested in working on. Manny: will get back to us. Revised NAWT Inspection Protocols: Mike: Are the new NAWT Inspection protocols specific to Arizona? And is the general training specific enough to Arizona? Manny: AzOWRA is work with ADEQ to bring in all the players. Mike: the training assets include other universities and community colleges. New Site Investigation Forms: Mike: Kyle had some insights from both the county and site investigators about using the new form. Max: is ADEQ or the counties going to provide training on how use the new form? Manny: there was help on the geo-referencing technique, but no other specific help.
--	--	---	--	--

Meeting Agenda/Summary

Open Floor/New Business (40 min)	Mike Stidham, Chair				Mike: invited Kevin to serve for another 6 months (July to December). Kevin: the invitation needs to come from ADEQ, and this invitation needs to include the others who are expiring in July but the committee needs them until the end of the year. Mike: we need clarity from ADEQ promptly.
Adjourn	Mike Stidham, Chair			For Decision	Adjourned at 10:09 AM

Calendar (Bold Meetings ADEQ Staff Will be in Attendance)

January 6, 2026

February 3, 2026

March 3, 2026

April 7, 2026

May 5, 2026

June 2, 2026



Meeting Agenda/Summary

July 7, 2026

August 4, 2026

**September 1,
2026**

October 6, 2026

November 3, 2026

December 1, 2026

January 5, 2027

OWAC Ground Rules

- ▶ **Must treat each other w/ mutual respect and dignity.**
 - ▶ Challenge ideas, not the person.
 - ▶ No personal attacks.
 - ▶ Be patient and don't interrupt others.
- ▶ **Be prompt, attentive and prepared**
 - ▶ Stay focused on agenda topics.
 - ▶ Bring literature/supportive research to support opinion.
- ▶ **Honest and constructive discussions are necessary to get the best results.**
 - ▶ Raise issues and seek solutions from the group.
 - ▶ If you disagree, propose a solution if possible.
 - ▶ Find a way to resolve issues with the group, rather than fixing the issue by one person only.
 - ▶ Document when consensus is not obtained, clearly document minority and majority opinion.
- ▶ **Chairman calls on members to speak.**