



# Meeting Agenda/Summary

<b>Meeting</b>	Water Quality Division: Onsite Wastewater Advisory Committee (OWAC)
<b>Date</b>	Tuesday, December 3, 2024
<b>Start / End Time</b>	9:00 am – 11:00 am (MST)
<b>Location</b>	Google Meets link in calendar invite
<b>Documents</b>	Located in ShareFile - <a href="https://azdeq.sharefile.com/">https://azdeq.sharefile.com/</a>

## MEMBERS

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|--|--|---|
| <input checked="" type="checkbox"/> Frederick Tack, PE, Chair            | <input type="checkbox"/> Haiden LaFoy, Greenlee County                               | <input type="checkbox"/> Mark Basic, Basic Drilling Company |
| <input checked="" type="checkbox"/> Dave Bartholomew, Vice Chair         | <input type="checkbox"/> Jaimee Griffin, PE Drilling                                 | <input checked="" type="checkbox"/> Mike Stidham, EZ Treat  |
| <input type="checkbox"/> Aline Parker-Eaton, Northern Arizona Inspection | <input checked="" type="checkbox"/> Jeremy Griffin, Apollo Drain and Septic Services | <input checked="" type="checkbox"/> Nicholas Noble, Orenco  |
| <input checked="" type="checkbox"/> Brian Knisley, Maricopa County       | <input checked="" type="checkbox"/> Kevin Sherman, SeptiTech                         |   |
| <input checked="" type="checkbox"/> Crystal McKee, Mohave County         | <input checked="" type="checkbox"/> Kitt Farrell-Poe, University of Arizona          |   |

## ADEQ STAFF

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|---|--|--|
| <input type="checkbox"/> Trevor Baggione, Water Quality Division Director             | <input checked="" type="checkbox"/> Natalie Kilker, Legal Specialist                     | <input checked="" type="checkbox"/> David Lelsz, Project Manager |
| <input type="checkbox"/> Randall Matas, Water Quality Division Deputy                 | <input checked="" type="checkbox"/> Raymond Morgan, Trainer                              | <input checked="" type="checkbox"/> Dan Borns, Project Manager   |
| <input type="checkbox"/> Chloe Woods, Delegation Agreement Coordinator                | <input checked="" type="checkbox"/> Linneth Lopez, Environmental Engineering Specialist  |  |
| <input type="checkbox"/> Kyle Uptergrove, Unit Manager                                | <input type="checkbox"/> Ali Baadiyan, Environmental Engineer Specialist III             |  |
| <input checked="" type="checkbox"/> JW Thompson, Environmental Engineering Specialist | <input checked="" type="checkbox"/> Luke Peterson, Environmental Engineer Specialist III |  |



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Agenda Topic	Lead	Overview	Documents (* on ShareFile)	Action Requested	NOTES
9:00 am <b>Welcome</b>  (15 mins)	Frederick Tack, Chair	Roll Call	Ground Rules*  Operating Procedures*  Members Acknowledgment Form*	For Decision	<a href="#">Call to order: 9:01 a.m.</a>
9:15 am <b>Minutes review</b>  (10 mins)	Frederick Tack, Chair	Review November meeting minutes for approval	<a href="#">November 12, 2024 OWAC Meeting Minutes .docx</a>	For Decision	Minutes approved  Motion to Approve as presented: Kevin Sherman  Second: Brian Kingsley  Passed Unanimously
9:25 am <b>Subcommittee Update</b>  (10 min)	Crystal McKee, Subcommittee Chair	Type 4 or 1.09, 1.5 Permit Trigger Subcommittee Presentation Vote on Recommendation to ADEQ	<a href="#">1.5 Presentation (Triggers, Final Draft).pptx</a>	For Decision	Link Includes summary for to ADEQ  Summary Included on the last slide of presentation and below.  <b>Recommendation for ADEQ approved by OWAC.</b>  An existing Type 4, 1.09, or otherwise amnestied onsite wastewater facility should only require replacement by 1.5 standards if

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					<p>the system has been evaluated and found to be either contributing to a health/safety risk, accepting 3,000+gpd, or the characteristics of the system are being modified in such a way as to significantly and negatively impact the functioning status of the system. Additionally, standards regarding <i>how</i> evaluate these should be accepted, and depending on the circumstances, an alternative option to add advanced treatment in lieu of full replacement should be considered.</p> <p>Motion:</p> <p>Nicholas Noble</p> <p>2nd Mike S.</p> <p>Vote: Passed Unanimously</p>
<p>9:35 am</p> <p><b>OWAC ADEQ Collaborative Training Events</b></p> <p>(10 min)</p>	<p>Ray Morgan, JW Thompson</p> <p>ADEQ</p>	<p>OWAC / ADEQ Training Development</p> <p>Grease Interceptor Design &amp; Installation in Arizona</p>		<p>For Information</p>	<p>Next training scheduled on grease interceptor design. Presented by Kevin Sherman &amp; Jeremy Griffin.</p> <p>Dec. 17, 2024   Designing &amp; Installing Grease Interceptors in Arizona</p> <p><a href="#">ADEQ   Delegation Agreement Training   ADEQ</a></p>

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					<p>Future considerations for future on-site design, for non-residential, such as truck stops/restaurants, industries, etc...</p> <p>Also, intended to inform reviewers, and understand the implications.</p> <p>Also could consider a deeper dive into high strength wastewater, schools, etc..</p> <p>Feedback from external leadership was positive about the presentation, and how Phase 1.5 is being presented. Good job.</p> <p>Q: What is the status of potentially reconvening some of the OWAC Technical Working Groups (TWG) to evaluate and dig back into these items?</p> <p>A: ADEQ is aiming to engaging industry partners in December, and aiming to engaging more of the technically focused subject matter experts (SME) in January. No, not the TWGs specifically, but members from it will be asked to participate and engage directly.</p> <p>Please let OWAC members know as much in advance as possible.</p> <p>Target date in March 2025 is pending?</p> <ul style="list-style-type: none"> <li>· Draft of permits and rule are on track for March 2025.</li> </ul>
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					<p>Discussion on ppl licensure updates.</p> <p>HB2195 Discussion on having certified operators, or the need for certified installers.</p> <p><a href="#">HB2195 - 562R - House Bill Summary</a></p> <p>Status: (Passed) 2024-04-10</p>
<p>9:45 am</p> <p><b>Old Business</b></p> <p>(30 min)</p>	<p>Frederick Tack, Chair</p>	<p>Discuss ADEQ Phase 1.5 Proposal Presented in November</p>	<p>Rulemaking for Onsite Wastewater Treatment Facilities</p> <p>Presentation: <a href="#">OWAC Phase 1.5 Proposal Nov 24.pdf</a></p>	<p>For Information</p>	<p>1.5 Comments</p> <p>Brian Knisley -</p> <p>Mike S. - ADEQ Stakeholders Engagement plan in regards to Technical Work Group formation.</p>

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<p>10:15 am</p> <p><b>Open Floor/New Business</b></p> <p>(45 min )</p>	<p>Frederick Tack, Chair</p>			<p>For Information</p>	<p>Mike S. - Update of "Individual Light Permit" Process? ADEQ Staff Present Unsure of reference.</p> <p>Questions/updates or where are we with the individual light permit and where the program is headed?</p> <ul style="list-style-type: none"> <li>· None from ADEQ on call. Will follow up with project team.</li> <li>· Will add to old business agenda item for next meeting.</li> </ul> <p>Returning to subcommittees recommendations, for OWAC approval to forward recommendations to ADEQ.</p> <p>1. When will a Type 4 or 1.09 permittee need to obtain a new Phase 1.5 permit?</p> <p>Recommendation:</p> <p><i>"An existing Type 4, 1.09, or otherwise amnestied onsite wastewater facility should only require replacement by 1.5 standards if the system has been evaluated and found to be either contributing to a health/safety risk, accepting 3,000+gpd, or the characteristics of the system are being modified in such a way as to significantly and negatively impact the functioning status of the system. Additionally, standards regarding how to evaluate these should be accepted, and depending on the</i></p>
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					<p><i>circumstances, an alternative option to add advanced treatment in lieu of full replacement should be considered."</i></p> <p>Motion to approve: Nicholas N.</p> <p>Second: Mike S.</p> <p>Discussion: None.</p> <p>Vote: Unanimously approved.</p> <p>2. Type 4 permit amnesty</p> <p>Recommendation:</p> <p>"Regarding 4.23 expired systems: Yes, allow amnesty. Noting:</p> <ul style="list-style-type: none"> <li>· Concerned about impact/burden to Owners if amnesty is not provided. Bad actors or failed/failing systems that need improvement, would still fall under a new permit condition.</li> <li>· Would be very helpful to expressly re-state, that any changes needed, beyond the boundaries, of current conditions.</li> <li>· If they don't have a permit, and they are failing, then they need a new permit anyway.</li> </ul> <p>Regarding other Type 4 permits (4.02 through 4.22). Yes, If, the following can be pre-qualify, then a path for amnesty could be supported:</p>
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				<ul style="list-style-type: none"> <li>· What are the factors the qualify for amnesty?</li> <li>· Who is granting the amnesty and maintaining the records?</li> <li>· Consider amnesty review panel, including review by external SME's, non-regulatory input to elevate acceptance by public."</li> </ul> <p>Motion to approve: Crystal M.</p> <p>Second: Nicholas N.</p> <p>Discussion: Points of discussion and concerns regarding the details of how that is actually enacted, enforced, management</p> <p>Vote: 8 approve.</p> <p>Kevin Sherman voted against approval.</p> <p>Motion passes.</p> <p>Summary on feedback for future discussion points. JW will follow up.</p> <p>Vice Chair Nominations:</p> <p>Dave B - Nick Noble &amp; Mike S</p>
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					Kevin S. - Motion Close Ballots  Fredrick Seconds -  Vote - Nickolas Noble Vice Chair for OWAC 2025
11:00 am  <b>Adjourn</b>	Frederick Tack, Chair			For Decision	Meeting Adjourn 10:17 am

## Permit Triggers Summary

### In Summary:

- ▶ An existing Type 4, 1.09, or otherwise amnestied onsite wastewater facility should only require replacement by 1.5 standards if the system has been evaluated and found to be either contributing to a health/safety risk, accepting 3,000+gpd, or the characteristics of the system are being modified in such a way as to significantly and negatively impact the functioning status of the system. Additionally, standards regarding *how* to evaluate these should be accepted, and depending on the circumstances, an alternative option to add advanced treatment in lieu of full replacement should be considered.

## System Amnesty Summary

## Type 4 permit amnesty

### Recommendations

- 4.23 expired systems
  - Yes, allow amnesty
  - Concerned about impact/burden to Owners if amnesty is not provided. Bad actors or failed/failing systems that need improvement, would still fall under a new permit condition.
  - Would be very helpful to expressly re-state, that any changes needed, beyond the boundaries, of current conditions.
  - If they don't have a permit, and they are failing, then they need a new permit anyway.
- Other Type 4 permits (4.02 through 4.22)
  - Yes, If, the following can be pre-qualify, then a path for amnesty could be supported
    - What are the factors the qualify for amnesty?
    - Who is granting the amnesty and maintaining the records?
  - Consider amnesty review panel, including review by external SME's, non-regulatory input to elevate acceptance by public.

