



Meeting Agenda/Summary

Meeting	Water Quality Division: Onsite Wastewater Advisory Committee (OWAC)
Date	September 7, 2021
Start / End Time	10 am – 12:20 pm
Virtual Meeting	Zoom link in calendar invite
Documents	Located in ShareFile - https://azdeq.sharefile.com/

MEMBERS

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| <input checked="" type="checkbox"/> David Bartholomew, Bartholomew WW Services, Inc. | <input checked="" type="checkbox"/> Maher Hazine, PE, REI Development Services, LLC | <input checked="" type="checkbox"/> Michael Stidham, EZ Treat, Inc |
| <input checked="" type="checkbox"/> Mark Basic, Basic Drilling Company | <input checked="" type="checkbox"/> Dawn Long, First American Septic Service LLC | <input checked="" type="checkbox"/> Jenny Vitale, PE, Civil Engineer |
| <input checked="" type="checkbox"/> Colin Bishop, Anua | <input checked="" type="checkbox"/> Kathy Mills, Mills Engineering, LLC | <input checked="" type="checkbox"/> Joelle Wirth, Summit Environmental LLC |
| <input checked="" type="checkbox"/> Suzanne Ehrlich, Yavapai County | <input checked="" type="checkbox"/> David Monihan, PE, RLS, Coconino County | <input checked="" type="checkbox"/> Kitt Farrell-Poe |
| <input checked="" type="checkbox"/> Jake Garrett, Gila County | <input type="checkbox"/> Cullin Pattillo, Mohave County | <input checked="" type="checkbox"/> Ashley Chatfield (Design/Permit TWG Co-Chair) |
| <input checked="" type="checkbox"/> Thomas Hanson, Maricopa County | <input checked="" type="checkbox"/> Craig Rasmussen, University of Arizona | |

ADEQ STAFF

- | | |
|--|---|
| <input checked="" type="checkbox"/> Trevor Baggiore, ADEQ, Water Quality Division Director | <input checked="" type="checkbox"/> Linneth Lopez, Environmental Engineering Specialist III |
| <input checked="" type="checkbox"/> Naveen Savarirayan, Manager, Groundwater Protection Value Stream | <input checked="" type="checkbox"/> Raymond Morgan, Trainer, Groundwater Protection, Groundwater Permits & Reuse Unit |
| <input checked="" type="checkbox"/> Matt Ivers, Groundwater General Permits and Reuse | <input checked="" type="checkbox"/> Luke Peterson, Environmental Engineer Specialist 3, Groundwater Protection |
| <input checked="" type="checkbox"/> Theresa Gunn, Project Manager | <input checked="" type="checkbox"/> Heidi Welborn, Legal Support |
| <input type="checkbox"/> Jon Rezabek, Legal Specialist | <input type="checkbox"/> Morgan O'Connor, Community Liaison |
| <input checked="" type="checkbox"/> Karthik Kumarasamy, PhD, Engineer III | |

Agenda Topic	Lead	Overview	Documents (* on ShareFile)	Action Requested	NOTES
Welcome (10 mins)	Jake Garrett, Chair	Roll Call Meeting Notes Review Agenda Review Ground Rules	August Summary* Sept Agenda* Ground Rules*	Approval of Notes	Theresa conducted a roll call. Jake asked for any corrections or additions to August summary. Motion to approve Kathy Mills, second by Suzanne. Motion passed.

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<p>Technical Work Groups Reports (50 mins)</p>	<p>TWG Chairs</p>	<ul style="list-style-type: none"> • O&M: Dave B • 1.09: Maher • Design/Permitting: David M/Ashley • Future State: Colin • PPL: Joelle • Training/Certification: Cullin 		<p>Status Reports</p>	<p>O&M TWG – Dave reported the TWG members were writing up their ideal future state for operations maintenance. The next meeting will be to review the members’ perspective for the future. Dave also reported he has a one-on-one with Trevor to discuss the 4.01 issue and encouraged anyone with issues to email him. A future 4.01 meeting with the small group will be scheduled later. Manufacturers have real world sampling data on how systems are operating and is better data than lab/controlled sampling which would be helpful. People won’t maintain the systems which reduced performance.</p> <p>Design and Permitting TWG – David reported he was on vacation. The small group efforts are underway and the next meeting is tomorrow to review status of those groups’ efforts. The groups discussed have recommendations coming in as ready instead of waiting for all of them to come in at the end of the discussion.</p> <p>The group discussed the need for a new outline of the phase 2 rule so they know where the content will go.</p> <ul style="list-style-type: none"> • Trevor stated we need to have a structure of the rule and could select a small group to help provide input. • Not sold on putting into the existing rule structure • Rules need to flow to make it user friendly <p>Jenny agreed to form a strawman and Jake agreed to assist.</p> <p>Future State TWG – The team has done a survey of the future state and Jake and Colin are working on an outline of key issues. The next meeting, the team will work on a couple of case studies how the program may operate in the future. The primary challenge is it is difficult to think from a blank sheet of paper instead of what we already know. Jake has been thinking what the future might look like, post water restrictions. Jake asked members to think 5-10 years ahead and determine what will the environment we are working in look like. Each member should come up with 3 ideas of what the on-site world will look like. Things to consider how homes are being used, what is the technology, size of families, push to electric and supply chain issues.</p> <p>PPL TWG – The group had the first meeting. Linneth shared a presentation of the ADEQ program and the PPL framework. Some of the big obstacles include the PPLs being issued are not consistent with current rule. Colin will share information on how other state’s do the administrative completeness before the technical review begins. Some submissions are quite lengthy. Ohio State University created a state-wide spreadsheet to enter all data and all manufactures are using the same method for evaluation and removes subjectivity.</p>
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<p>Program Updates (5 mins)</p>	<p>Matt Ivers, ADEQ Groundwater Permits Unit Manager</p>	<ul style="list-style-type: none"> • SPS • Board of Technical Registrations • Phase 1 Rulemaking 		<p>For Information Only</p>	<p>Matt reported there are 18 SPS on flow board, 2 on hold, 3 in due diligence. Have identified a need for additional capacity. Looking for ways to improve.</p> <p>ADEQ has forwarded to BTR four questions which have been referred to the Laws and Rules Committee meeting on September 20 at 1 pm. Jenny asked the Board to discuss the certificates of completion if the engineer did not complete the inspection.</p> <ul style="list-style-type: none"> • Several members have submitted comments to the BTR. • The \$12,500 exemption limit has not changed since 1980s • We need to clarify if homeowners can design the system (no qualifications in rule so they can) • Not look at just engineer but what are the qualifications to do a design under the future rules • ADEQ wanted to know where the board stands to help frame the rules in the future. <p>The revised timeline for rule:</p> <ul style="list-style-type: none"> • Draft NPRM to stakeholders on September 14 • Tentative Stakeholder Meeting on September 28 • Deadline for comments on October 12 • File with SOC on November 11 • Publish on December 3 • January 4 hearing • Effective end of May

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<p>Final SPS (10 mins)</p>	<p>Jon Rezbek, ADEQ Legal Specialist</p>	<ul style="list-style-type: none"> Seepage Pits 			<p>Jon reviewed the structure of the SPS which was previously shared with OWAC but now final and published. He provided an overview of the content and corresponding statutory language.</p> <p>Questions</p> <ul style="list-style-type: none"> What is determined official notification to designers and the delegated agencies? Other state is trying to get policy statements in the rule. Yes, policies are short-term until the rule changes are completed. The seepage pit policy may not be addressed completely in phase 1 as we are seeking input from the TWGs on what should be in the
<p>Program Overview (20 mins)</p>	<p>Linneth Lopez, ADEQ Groundwater Protection Engineer</p>	<p>Overview of the ADEQ groundwater protection program</p>	<p>PPT Presentation*</p>	<p>For Information Only</p>	<p>The presentation may need to be incorporated into Kitt's classes Linneth gave an overview of the groundwater protection value stream and the general permits.</p> <p>OWAC Discussion:</p> <ul style="list-style-type: none"> Question about nitrogen calculations on subdivisions. Splash pad – how does it meet definition to require permitting (how this been communicated to building officials and health department) PPL – helpful if the documents listed in PPL with active links to the documents for county review PPL – 3rd party data (NSF), they don't test for total coliform so how does ADEQ address. The manufacturer provides testing data. Clarification on a homeowner use of an unlisted PP – whether or not referred by County <ul style="list-style-type: none"> Need to reconsider whether homeowners can use an unlisted product When the PPL is not clear, ADEQ coordinates with the counties and the manufacturers Access materials through the records center.
<p>Review New Action Items (5 mins)</p>	<p>Theresa Gunn, Project Manager</p>	<p>Theresa will review the new action items assigned during the meeting.</p>	<p>Action Plan</p>	<p>For Information Only</p>	<p>Theresa reviewed the items on the following action plan and Trevor thanked the members for their participation.</p>
<p>Adjourn</p>	<p>Jake Garrett, Chair</p>				<p>Jake adjourned the meeting at 12:15 pm.</p>

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No.	Action to be Taken	Person Responsible	Due Date	Comments	Percent Complete				Date Complete
					25	50	75	100	
23	Theresa to set up next meeting for 4.01 discussion	Theresa			25	50	75	100	
27	What is the acceptable documentation for a recommendation	ADEQ		Underway	25	50	75	100	
34	Strawman for Phase 2 rule structure	Jenny and Jake			25	50	75	100	
35	Think 5-10 years ahead, what will the environment we are working in look like, and come up with 3 ideas of what the on-site world will look like.	All Members	Prior to next meeting		25	50	75	100	
37	Discuss the continued practice of a homeowner using a non-listed product	Next OWAC Meeting			25	50	75	100	
38	Determine if delegated counties need to pay record center fees	Theresa			25	50	75	100	
39					25	50	75	100	