



Meeting Agenda/Summary

Meeting	Water Quality Division: Onsite Wastewater Advisory Committee (OWAC)
Date	Tuesday, May 2, 2023
Start / End Time	10:00 am – 12:00 pm
Location	Google Meets link in calendar invite
Documents	Located in ShareFile - https://azdeq.sharefile.com/

MEMBERS

☒ David Bartholomew, Bartholomew W Services, Inc.
☐ Mark Basic, Basic Drilling Company
☒ Bryan Chiordi, Orenco, Vice-Chair
☒ Kitt Farrell-Poe, University of Arizona

☒ Jake Garrett, Gila County, Chair
☐ Jaimee Griffin, PE Drilling
☒ Jeremy Griffin, Apollo Drain and Septic Services
☒ Brian Knisley, Maricopa County

☒ Haiden LaFoy, Greenlee County
☒ Michael Stidham, EZ Treat, Inc
☐ Frederick Tack, GHD Inc.
☐ Joelle Wirth, Summit Environmental LLC

ADEQ STAFF

☒ Trevor Baggione, ADEQ, Water Quality Division Director
☒ Matt Ivers, Mgr, GW General Permits and Reuse Unit
☒ Theresa Gunn, Project Manager

☐ Karthik Kumarasamy, PhD, PE
☒ Linneth Lopez, Environmental Engineering Specialist III
☐ Raymond Morgan, Trainer

☒ Cullin Pattillo, Environmental Engineering Specialist III
☒ Luke Peterson, Environmental Engineer Specialist III
☒ Chloe Woods, Delegation Agreement Coordinator

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10:00 am Welcome Reschedule July 4 Meeting (10 mins)	Jake Garrett, Chair	<ul style="list-style-type: none"> Roll Call Review Ground Rules 	April Notes* Ground Rules*	For Decision	We will hold on the April minutes until June OWAC meeting to include/incorporate reporting from the work groups
10:10 am Request for Recommendations on cesspools (5 mins)	Trevor Baggione, ADEQ Water Quality Director		R18-9-A309(A)(4). A person shall not use a cesspool for sewage disposal. R18-5-408(D). The use of cesspools is prohibited.	For Decision	Cesspools have been banned in Arizona since 1976, however there are an estimated 5,500 cesspools in Gila County alone. Trevor's request/challenge to OWAC members is to come up with recommendations for ADEQ on what to do with cesspools prior to phase 2 Jake's charge as Chair is to create an options paper "What Can We Do About Cesspools?" Dave Bartholomew: the O&M group has already touched on this task. Has started a brainstorm on "what do we do for people who can't afford to address them?" WIFA, Hawaii - good resources. Hawaii's deadline is 2040 – maybe we need a hard deadline in Arizona? Jake accepts the challenge. Bryan (Chair), Jake (Vice Chair), Dave Bartholomew, Mike Stidham, Joelle, Brian Knisley, Jeremy Griffin, and Kitt would like to serve on the subgroup.
10:15 am Report from the Work Group Chairs (45 mins)	OMC, Dave PPL, Joelle Database , Theresa Design & Permittin g Jake	<ul style="list-style-type: none"> Operations, Maintenance, & Certification PPL Statewide Database Design & Permitting 		For Information	<p>Future State is on hold until late this month and until we have clarification on the greywater legislation. The group will now be Chaired by Alex Kendrick. Trevor believes that the bill will likely be moved forward. There is a bill change to remove the cap off the 24,000 gpd for type 4 permits. ADEQ hasn't seen the final language yet, but we expect that bill will likely move forward as well.</p> <p>O&M - Discussed compliance and enforcement - motion passed unanimously to "develop an oversight/enforcement program which includes education and retraining elements. Proposed one certification program that covers all the facets of the onsite industry. How to transition existing professionals into the program? Regulators receive reports and issue violations. Consider Pima COunty as a model. Lastly, add rigor to the soil investigation program." Kitt: Need more input on the rigor wanted for the soil investigation training - more oversight, not one and done, journeyman experience to have oversight for first X number of evaluations. Kitt</p>

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			https://docs.google.com/document/u/0/d/1LKpHcO1eNg7on01wb2lpCZLV5sdr-S5z/edit		<p>offered to distribute the exam to help make it more difficult. Motion passes to push this recommendation through to ADEQ, no minority positions.</p> <p>O & M Motion on funding: There needs to be a sustainable, consistent revenue stream to assist with the repair or remediation of failing systems. We believe that permits and training will pay for the majority of it, but there may need to be an infusion of funds from the state. (Low interest loan, matching funds program. Also suggested, \$25 tax on owners of all onsite systems to fund the program.) No minority opinions or opposition to moving this recommendation along to ADEQ.</p> <p>Motion passes that certification and training shall be required of O&M providers, designers, installers, site evaluators, inspectors. PE's are not exempted from taking the class. Kitt: Let's call it a "Certificate of Training" which won't get us in trouble with licensing PE's as the State performs that function.</p> <p>Recommend to ADEQ that all certifications have a term limit and recertification/renewal period (to be determined later). Manufacturer may remove a certification? Maybe ADEQ retains the "certification" and the manufacturer issues and retains "factory authorization." The motion will move through to ADEQ and the language regarding authorization will be taken up at a later time.</p> <p>All training and certification programs will be approved and recognized by ADEQ. Passes unanimously.</p> <p>PPL Motion - Unanimously voted that PPL will be treated as a license that gives ADEQ all the teeth needed to do enforcement. Manufacturers would have appealable actions (appeal rights) and ADEQ can issue notices of change/notice of violation.</p> <p>PPL Motion: Used Minnesota as a guide for how to handle public domain systems. (Create a SIMILAR system, not follow verbatim). All pretreatment device decisions would be made in conjunction with the manufacturer during design.</p>

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			https://docs.google.com/document/d/1DIDP0fJi1a4LbqMIX66_uyQRSyJ2fw7-/edit?usp=share_link&oid=105601663389884155220&rtpof=true&sd=true		<p>PPL voted to step in to assist Tanks and help move that subgroups discussion forward. Tanks - big disconnect in the separation of residential and commercial that needs to be better defined. Recommendation provided to Dave Lentz, Chair of Tanks subgroup.</p> <p>Infield Testing and SAR - broad support of the infield and compliance testing protocol as drafted in the field testing protocol document. Group will continue to work on the details. Nick seconded the motion. VOTE: Passed - 6 in favor one abstained. Appropriate to forward this document at the 30,000 ft level to ADEQ.</p> <p>Discussion of TWG 4 guiding assumptions.</p> <p>Online database: RFI has been published. We will review information received and report back.</p> <p>D&P: Revised motion regarding seepage pits passes unanimously. Discussion of definition of seepage pit versus cesspool needs clarity. Discussion of the recommendation to adopt a fixed SAR rate of .90. Secondary opinions and lack of unanimous support to pass recommendation as written. Site specific information needed on soils/seepage pits. The maps are not site-specific. Both of the motions will go back, with comment, to the D&P group (and not be passed to ADEQ) at this time).</p> <p>D&P subgroups: Recommendation forwarded to ADEQ: There needs to be a mechanism of control for limiting nutrients and other constituents of concern in effluent for sensitive groundwater areas.</p>
11:00 am System Closure (10 mins)	Luke Peterson, ADEQ			For information	<p>DEQ has developed a notice of closure form. We already have the right to close the system, but the form memorializes that and is public facing. We hope to alleviate some of the issues that the realtors are facing when all parties know that the onsite system is nonfunctioning. This should allow the parties to complete their transaction. We shared this information with ACDESHA, will be sharing with the</p>

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					delegated authorities and will include in upcoming training with AZ realtors.
11:10am Program Update -A312G -Infield Testing Results (15 mins)	Matt Ivers, ADEQ			For Information	Will be addressed at the June OWAC meeting.
11:25 pm Additional TWG Recommendations Owner Webpage & Questionnaire Real Estate Agent Survey (25 mins)	Matt Ivers, ADEQ			For information	Will be addressed at the June OWAC meeting. Theresa gave a brief overview and discussed our intent with these resources.
12:00 pm Adjourn	Jake Garrett, Chair				Adjourned at 12:02pm Next Meeting: June 6, 2023 Agenda: TBD

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No	Action to be Taken	Person Responsible	Due Date	Comments	Percent Complete				Date Complete
82	Summary of FY23 infield testing to OWAC members	ADEQ			25	50	75	100	
83	June agenda items: A312G; Infield Testing Results; Current State - Cesspools	ADEQ			25	50	75	100	
84	June agenda: Invite Jeff Meilandar, NAU, composting toilets (30 minutes). Linneth has the contact information	Chloe			25	50	75	100	
					25	50	75	100	