

Meeting Agenda/Summary

Meeting	Water Quality Division: Onsite Wastewater Advisory Committee (OWAC)
Date	March 1, 2022
Start / End Time	10 am - Noon
Virtual Meeting	Zoom link in calendar invite
Documents	Located in ShareFile - https://azdeq.sharefile.com/

MEMBERS

- ☒ David Bartholomew, Bartholomew WW Services, Inc.
- ☒ Mark Basic, Basic Drilling Company (RENEWED TERM)
- ☒ Colin Bishop, Anua
- ☒ Bryan Chiordi, Orenco
- ☒ Jake Garrett, Gila County, Chair
- ☐ Jaimee Griffin, PE Drilling
- ☒ Thomas Hanson, Maricopa County

- ☒ Dawn Long, First American Septic Service LLC
- ☒ Cullin Pattillo, Mohave County
- ☒ Michael Stidham, EZ Treat, Inc
- ☒ Frederick Tack, GHD Inc.
- ☒ Jenny Vitale, PE, Civil Engineer
- ☒ Joelle Wirth, Summit Environmental LLC
- ☒ Kitt Farrell-Poe

ADEQ STAFF

- ☒ Trevor Baggione, ADEQ, Water Quality Division Director
- ☒ Naveen Savarirayan, Manager, Groundwater Protection Value Stream
- ☒ Matt Ivers, Groundwater General Permits and Reuse
- ☒ Theresa Gunn, Project Manager
- ☐ Jon Rezabek, Legal Specialist
- ☒ Karthik Kumarasamy, PhD, Engineer III

- ☒ Linneth Lopez, Environmental Engineering Specialist III
- ☒ Raymond Morgan, Trainer, Groundwater Protection, Groundwater Permits & Reuse Unit
- ☐ Luke Peterson, Environmental Engineer Specialist 3, Groundwater Protection
- ☒ Heidi Welborn, Legal Support
- ☐ Morgan O'Connor, Community Liaison

Agenda Topic	Lead	Overview	Documents (* on ShareFile)	Action Requested	NOTES
Welcome (15 mins)	Jake Garrett, Chair	<ul style="list-style-type: none"> Roll Call Meeting Notes 	Jan Summary* March Agenda*	Approval of Notes	The chair called the meeting to order and Theresa called roll.

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		<ul style="list-style-type: none"> Review Agenda Review Ground Rules 	Ground Rules*		Tom moved and Jenny seconded to approve the notes with the addition of Jenny's emailed notes added to the comments section. Motion passed.
Reflection on Feb 3 Joint TWG Meeting (20 mins)	Theresa Gunn, Project Managers	Members will be asked to share their key takeaways from the joint TWG meeting and to discuss if another joint meeting will be needed.		For Discussion	<p>Members discussed the Feb 3 joint meeting and identified takeaways.</p> <ul style="list-style-type: none"> Dr Rubin and Frederick to start working on the tier level approach Lot of tension in the room among the manufacturers Don't want the tier approach to be a performance-based tiering that limits options for the designer Bryan wants to be part of the conversation on record keeping Online RME is a service to accept data from onsite systems and transmit into an information repository including the regulatory authority data <ul style="list-style-type: none"> Would allow service providers to upload data electronically Could be a statewide database of permits Also had a transfer of ownership application Question: who pays for the centralized database and service Most of the states with the best programs have a tier approach Some technologies will outperform other technologies Messaging may be wrong about the tiered performance levels. Bryan is working on a draft for the next PPL meeting Face to face meeting worked well and very important All want to have reuse but may need to change statute to allow reuse Rules have not kept up with tank technology Performance parameters: how can we go further to get us closer to reuse How much reuse we are bringing into the rules will help set up tiers How to get the 4.01 changes into onsite rule There is going to be a transition time to get the existing systems into the new O&M program and need to consider the impact to the labor force and disposal for pumpers Will need enough operators to do the work throughout the state Septage handling needs to be addressed Need further definition on the tiered approach <p>Jake moved and Joelle seconded a motion to have another full day joint face to face meeting in May. The agenda will be to work on the tiered approach and any other barriers to implementing.</p>

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ADEQ Response to Feb 3 Agreements (10 mins)	Trevor Baggione, ADEQ Water Division Director	Trevor will share his thoughts regarding the agreements made during the joint TWG meeting.		For Discussion and Feedback	<p>Trevor shared ADEQ's position on the team agreements.</p> <ul style="list-style-type: none"> Encouraged by the agreements and tiered approach based on risk and performance which is common to most environmental programs Agrees with key components of the agreements but a lot of work to define what the programs will be No major red flags Asking ADEQ to commit to these without detail is difficult – need to know how to implement How does the indicators align with the AWQS Like the evaluation of key topics using most current science Open to having the 4.01 decoupling Don't put specific compliance actions in rule but in the enforcement handbook (can address current compliance issues without waiting for rule change) Moving in a good direction and seems to be we are converging on a good direction and will let us take back the national leadership role Can put in writing heading in right direction, but cannot commit without the details <p>Ecosystem awareness: Arizona Governor and Legislature don't typically impose regulation on homeowners but Trevor is open to pursuing this direction</p> <p>Trevor asked for input if his talking points are sufficient to address the TWG concerns.</p> <ul style="list-style-type: none"> Members want to know they are not doing all of this work if ADEQ won't follow-through Does ADEQ have the money and personnel (with expertise) to make the program work <p>ADEQ will send email to OWAC and TWGs.</p>
Technical Work Group Reports (45 mins)	TWG Chairs	<ul style="list-style-type: none"> Design and Permitting: Chair TBD Future State: Colin Operations, Maintenance and Certification: Dave 		For Discussion and Feedback	<p><i>NOTE: 1.09 TWG was merged into Design and Permitting. Training and Certification and Operations and Maintenance have combined into a new group: Operations, Maintenance and Certification.</i></p> <p>Design and Permitting: Met last week and discussed 4.01 decoupling for step and stack systems, assigned the tiered approach and the record keeping to Frederick, Doug to collect information from pumpers, Mark's tank group to discuss tank listing, and 1.09 combined into the 4.23 subgroup</p>

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		<ul style="list-style-type: none"> PPL: Joelle 			<p>Future State: Colin reported the group is meeting this afternoon. The group is heavily focused on reuse.</p> <ul style="list-style-type: none"> Keep in mind what needs to be done to move toward direct potable reuse in the future. Let's make sure we set up the program to be ready for direct reuse. NSF is not currently testing for some of the indicator organisms Direct reuse is too difficult at this point, need to focus on the steps to get us there Will need to have tests (parameters in rule) for turbidity and fecal to determine if effluent is class A (current rules allow for reuse if class A) <p>Operations, Maintenance and Certification: Dave reported the group is going to finalize the recommendation for service provider certification, need to know and training requirements. The group will also review the tiered approach from training group.</p> <ul style="list-style-type: none"> Who is overseeing the pumpers? Need to bring them in and regulate on how to pump and where they dump. There are potential limitations in where pumpers can dump across the state. O&M program should be focused on a risk-based approach – identify the risk factors and determine the maintenance required – to create a matrix Cochise County has 79 new permits but not enough disposal. Also, they are restricting what they can bring in. City doesn't have a dewatering option before dumping. <ul style="list-style-type: none"> Some businesses may be interested in setting up new disposal sites for onsite septage only. If collecting from multiple sites will require an individual permit Several pumpers in Maricopa County have dewatering on their sites which have been approved by the County. (AR – request for the list) <p>PPL: Joelle reported the group is meeting twice a month and working on nomenclature of a tiered approach.</p>
Data Collection Underway	Theresa Gunn, Project Manager	<ul style="list-style-type: none"> Statewide mapping Documenting locations where onsite discharge has created an environmental or public health risk Collecting photos that 			<p>Theresa shared the draft map of known systems.</p> <ul style="list-style-type: none"> Are you looking at Tribal locations Data is from October and last calendar year Includes permit and NOT data Members should continue to provide photos and areas where onsite systems pose a health or environment risk

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