

Meeting Agenda/Summary

Meeting	Water Quality Division: Onsite Wastewater Advisory Committee (OWAC)
Date	June 7, 2022
Start / End Time	10 am - Noon
Virtual Meeting	Zoom link in calendar invite
Documents	Located in ShareFile - https://azdeq.sharefile.com/

MEMBERS

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| <ul style="list-style-type: none"> <input type="checkbox"/> David Bartholomew, Bartholomew WW Services, Inc. <input type="checkbox"/> Mark Basic, Basic Drilling Company (RENEWED TERM) <input checked="" type="checkbox"/> Colin Bishop, Anua <input checked="" type="checkbox"/> Bryan Chiordi, Orenco <input checked="" type="checkbox"/> Jake Garrett, Gila County, Chair <input checked="" type="checkbox"/> Jaimee Griffin, PE Drilling <input type="checkbox"/> Thomas Hanson, Maricopa County | <ul style="list-style-type: none"> <input type="checkbox"/> Dawn Long, First American Septic Service LLC <input type="checkbox"/> Cullin Pattillo, Mohave County <input checked="" type="checkbox"/> Michael Stidham, EZ Treat, Inc <input checked="" type="checkbox"/> Frederick Tack, GHD Inc. <input checked="" type="checkbox"/> Jenny Vitale, PE, Civil Engineer <input checked="" type="checkbox"/> Joelle Wirth, Summit Environmental LLC <input type="checkbox"/> Kitt Farrell-Poe |
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ADEQ STAFF

- | | |
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| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Trevor Baggione, ADEQ, Water Quality Division Director <input checked="" type="checkbox"/> Naveen Savarirayan, Manager, Groundwater Protection Value Stream <input checked="" type="checkbox"/> Matt Ivers, Groundwater General Permits and Reuse <input type="checkbox"/> Theresa Gunn, Project Manager <input type="checkbox"/> Jon Rezabek, Legal Specialist <input checked="" type="checkbox"/> Karthik Kumarasamy, PhD, Engineer III | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Linneth Lopez, Environmental Engineering Specialist III <input checked="" type="checkbox"/> Raymond Morgan, Trainer, Groundwater Protection, Groundwater Permits & Reuse Unit <input checked="" type="checkbox"/> Luke Peterson, Environmental Engineer Specialist 3, Groundwater Protection <input checked="" type="checkbox"/> Heidi Welborn, Legal Support <input type="checkbox"/> Morgan O'Connor, Community Liaison |
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Agenda Topic	Lead	Overview	Documents (* on ShareFile)	Action Requested	NOTES
Welcome (10 mins)	Jake Garrett, Chair	<ul style="list-style-type: none"> • Roll Call • Meeting Notes 	April Summary* June Agenda*	Approval of Notes	<ul style="list-style-type: none"> • April meeting notes approved by body. • Roll call complete; email sent to verify all received invite and to call Matt if cannot access

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		<ul style="list-style-type: none"> Review Agenda Review Ground Rules 	Ground Rules*		<p>meeting.</p> <ul style="list-style-type: none"> Jake reminded everyone to be respectful.
Tier Framework (90 mins)	All	<ul style="list-style-type: none"> Review TWG member input on the tiered framework Potential decision on next steps for development of the framework 			<ul style="list-style-type: none"> Karthik presented Hybrid Framework and Mural board. Jake advocate of adding reuse to the treatment levels. Ray stated need to keep in mind NSF 40 disinfection can be used for multiple types of reuse. Consider separate permit(s) for reuse. Colin Bishop: NSF350 and Nitrogen clarification requested. Joelle believes two permits one for reuse is too bifurcated. Consider reuse as its own chart. Jaimee Griffith said if reuse is not easy permit no one will use it. Jake stated parthenogens needs to be addressed in these charts, especially with reuse in the future. Jenny Vitale stated need to limit condition(s) chart that proceeds this chart to ensure limiting conditions will force into the correct tiers. Also, dead set against renewable operating permit, government involvement. Will do all in power to stop these rules if renewable permits are a part of the rulemaking. Monitoring and maintenance intervals are too frequent. Fecal and E. coli are hard to understand for engineers, needs to have something that translate this into common understanding. Conventional Tier- reluctant to put number there but a range would be better. Need to add high strength waste to this. Recommends limiting condition table/ assign risk to a site. Need to discuss limiting conditions more. Jenny feels like meetings are being had and different things are being said in different meetings and ADEQ is not being transparent. Matt commented that ADEQ is very transparent. Jake reiterated importance of viability and this structure does give options to designers. Wants to see PPL location in this structure as well. Heidi: Certification and training and guidance would help bring pathogens standards and accompanying technologies and handles these issues. Consider a life of system defined and must make a change in lieu of a renewal permit. Ray stated we should discuss frequency of pumping out septic systems. Should be measured and only pump when needed. Research exists to support this idea instead of pumping just check. Also, reuse and considering health impacts and environmental impacts need to have more accountability for failed systems. Jenny- Must be a way to have computer program to flag systems to assist in O&M to help monitor. Caution against too zealous in O&M and enforcement; need something that levels the playing field for enforcement actions. Rule should be written not on government oversight and inspection of 3rd parties, just recourse built in to weed out bad players.

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					<ul style="list-style-type: none"> • Colin Bishop: Difference between inspection and service. Like cars inspection has nothing to do with repairs. Credential/ licensing oversight of professionals may be a good solution as opposed to hammer over homeowner. Delaware and MN good examples. Supports Ray comment to only pump when needed; measure. Commercial with high waste, where do they fall into the tiers? • Karthik said in non-residential. Consider how other states handle commercial systems. Monitoring project- we need to make sure doing some commercial facilities. Need allow rural to have commercial businesses especially small businesses. • Joelle has been very receptive to comments. This framework is EPA recommendations and NSF considering going this keeps us relevant and risk will be built in reuse in the future. • Jake- non-residential there is info available the broadly categorizes non-res into groups. Consider as part of this new program. • Jenny asked how we will integrate 1.09 into this program? 2001-05 systems? Important to honor valid permits. • Jake envisions a good job of developing first 3 tiers then we can look into 1.09 deeper. • Ray likes idea of a treatment permit and a disposal permit. • Jenny stated old systems may not comply with new regs and may want to install second system as approved. • Heidi 1.08 need to be defined from cesspool and clarified in rule. • Jake wants team to consider/ look into low interest loans or some funding to help people move into newer systems.
Program Updates (15 mins)	Matt Ivers, Groundwater Protection Permits Unit Manager	<ul style="list-style-type: none"> • NPRM (Phase 1) • SPS for Review • Phase 2 Exemption Memo 			Quickly reviewed due to time restraints.
Review New Action Items (5 mins)	Theresa Gunn, Project Manager	New Action Items	Action Plan	For Information Only	Karthik to send out spreadsheet of assignments with the presentation.
Adjourn	Jake Garrett, Chair				Next Meeting: July 5, 2022 <i>(Do we want to change the date?)</i>

