



Meeting Agenda/Summary

Water Quality Division: On-Site Wastewater Training and Certification TWG
Meeting 3: September 10, 2021 1:30-3:00 pm
(See Link to Google Meets in Calendar Invite)

Members in Attendance:

- | | |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <input type="checkbox"/> Terry Barton, Prescott Environmental | <input type="checkbox"/> Dawn Long, First American Septic Service |
| <input checked="" type="checkbox"/> Lou Brown, AZOWRA/ Eljen Corporation | <input checked="" type="checkbox"/> Linneth Lopez, ADEQ |
| <input checked="" type="checkbox"/> Kitt Farrell Poe, University of Arizona | <input checked="" type="checkbox"/> Cullin Pattillo, CHAIR, Mohave County Government |
| <input checked="" type="checkbox"/> Thomas Hanson, MCESD | <input type="checkbox"/> Howard Ruble, Paradise septic, A-American Septic |
| <input type="checkbox"/> Jim Huchel, Flagstaff | <input type="checkbox"/> Tanya Wilson, Priority Pumping |

Agenda (Est Time)	Lead	Overview	NOTES
Peer Review	Members	What are other states doing for training and certification	Team reviewed the peer state information on the whiteboard.
Ideal Future Sate	Members	What do we want to require for training and certification in Arizona?	<p>The team discussed potential requirements for the future state.</p> <ul style="list-style-type: none"> • Renewable licenses • Require continuing education • Discuss whether or not homeowner could design system • Levels (entry, mid and advance or minimum entry and advanced) allows for more oversight • CEUs for everyone • More than one and done for soils (it's not enough) • Design – need checklist for use by all designers and for permit reviewers (organized by type of system) <ul style="list-style-type: none"> ○ Developed by state, counties and manufacturers • ROI is a new form structured by type of system • Obstacle – bottle neck in the industry – limited people available to design, construct, site investigators etc. <ul style="list-style-type: none"> ○ Grandfather in the first few years with time to get CEUs or classes you need to take ○ Phase in the training • Counties enforcing the licensing requirements and not give permit if contractor isn't licensed • ROC doesn't address concerns • Official licensing program for on-site wastewater operators, designers, installers and levels 1,2,3,4 • Licensing boards are hesitant to act on the people they license • NAWT can only go through the inspection program

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			<ul style="list-style-type: none"> • For soils and site investigations there is no licensing board to go to <ul style="list-style-type: none"> ○ Need CEUs • Need to have the training programs accessible (certified) so people can get the CEUs • Only a professional or licensed can design a system not a homeowner <ul style="list-style-type: none"> ○ Or put some limitations on it – have to live in the home for X years – building it for yourself ○ System is last for 20 years, and when it gets sold and capacity changes, does the installation still work ○ Maybe can design (conventional) but can't install ○ Typical homeowners don't have the knowledge of the regulations and engineering required to design ○ Exemption if an engineer or retired engineer ○ With recent revision to what is engineering practice, Arizona is looking at the licenses and seems to be deregulating and concern about it being approved in not allowing homeowners to design/install • Soils training – people with different backgrounds and different soils classification systems knowledge and try to apply to Arizona state law • Simplification • This program can help have a performance based future state • Some technology providers require the system to be maintained and installed by a company certified person. Should this be incorporated since some of the PPL's may be taking this into consideration? <ul style="list-style-type: none"> ○ Need to have some level of discussion on this
Developing the Recommendation	Chair	Process to develop the group's recommendation	Developing a training program: <ol style="list-style-type: none"> 1. What are the needs to know? 2. Develop training for the needs to know 3. Testing to determine if they achieved the competencies Develop the certification program: <ol style="list-style-type: none"> 1. Who certifies 2. Levels of certification 3. CEUs 4. Compliance
Next Steps	Chair	October 8 agenda topics	Continue peer state research (put on the whiteboard) Draft bullet points for the Intro and Current State, and Impact of Current State (put as stickies on whiteboard)
Adjourn	Chair		Next meeting: October 8 at 1:30 pm



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Action Plan:

Task	Person Responsible	Due Date	Status
What are other states doing for training and certification	All	Ongoing	
Cost benefit analysis model for use in making decisions	Cullin		
PPL Group – to address manufacturer certified installers/operators	Linneth		
Add bullets for the intro and current state analysis section of the white paper to the whiteboard	Members		