Water Quality Division: Onsite Wastewater Operations, Maintenance and Certification TWG  
Meeting 3: April 20, 2022 10 am - Noon

Members in Attendance:
- Jo-Anne Barcellano, Mohave County
- David Bartholomew, CHAIR, Bartholomew Wastewater Services, Inc.
- Terry Barton, Prescott Environmental
- Brian Bishop, AZ Septic Pros
- Lou Brown, AZOWRA/Eljen Corporation
- Douglas Disbrow, CO-CHAIR, AZ Wastewater Services, LLC
- Sheryl Ervin, Infiltrator Water Technologies
- Kitt Farrell Poe, University of Arizona
- Thomas Hanson, MCESD
- Jon Heidrich, Mogollon RV Park & AZARVC
- Jim Huchel, City of Flagstaff
- Matt Ivers, ADEQ
- Brian Knisley, Maricopa County
- Dawn Long, First American Septic Service
- Linneth Lopez, ADEQ
- Raymond Morgan, ADEQ
- Cullin Pattillo, Mohave County Government
- Craig Payne, Payne home services
- Michael Stidham, EZ TREAT, INC
- Heidi Wellborn, Legal Specialist
- Tanya Wilson, Priority Pumping
- Alfredo Zapata, Macho Contracting

Agenda

<table>
<thead>
<tr>
<th>Agenda (Est Time)</th>
<th>Lead</th>
<th>Overview</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review Notes from the March Meeting</td>
<td>Dave</td>
<td>Are there any changes to the notes?</td>
<td>No changes to the notes were received from the members.</td>
</tr>
<tr>
<td>Certified O&amp;M Provider Requirements</td>
<td>All</td>
<td>What are the grades and requirements?</td>
<td>The team completed the requirements for a grade 1 and grade 2 pumper and grade 1 O&amp;M service provider. See the images below. <a href="#">Google Document</a></td>
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</tbody>
</table>
| Adjourn | Chair | Next Meeting: Wednesday, May 18, 10 am to Noon  
Agenda is to complete the service provider requirements. | |
The joint TWG meeting will be held on May 4.

**Action Plan:**

<table>
<thead>
<tr>
<th>Task</th>
<th>Person Responsible</th>
<th>Due Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do other states have multiple entities providing training?</td>
<td>Kitt</td>
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</table>

**Certified OWTF O&M Service Provider Requirements and Needs to Know**

**O&M Service Provider:** Any professional who is certified to perform inspection, operation, repair and/or maintenance services for an installed wastewater treatment system.

At the beginning of the new program allow existing providers to test up into different grades - or process to determine which grade they are qualified for as quickly as possible. (Drop off after a transition period) Will need to have testing to weed out people who have experience doing things wrong.

<table>
<thead>
<tr>
<th>Grade</th>
<th>What can they do?</th>
<th>Years of Experience or Pre-Requisite</th>
<th>Degree or License or Certification or Training</th>
<th>Continuing Education Requirements</th>
<th>Existing Training Class or New?</th>
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<tbody>
<tr>
<td>Grade 1 Provider</td>
<td>Can inspect and service a conventional system</td>
<td>6 months of experience working with a certified service provider</td>
<td>NAWT Inspection Course or other approved class (14 hours)</td>
<td>10 ceu per year, renew cert every 3 yrs (8 contact hours or 15 ceu) Include conferences ((Will need to determine the process and who approves training for CEUs - ADEQ?))</td>
<td>Existing</td>
</tr>
<tr>
<td>Grade: WHO ARE THEY</td>
<td>WHAT CAN THEY DO</td>
<td>Pre-Requisite</td>
<td>Training Needed</td>
<td>Continuing Requirements</td>
<td>To move up to next Grade</td>
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<tr>
<td>Grade 1</td>
<td>Pump conventional systems</td>
<td>X months with an existing Grade 1 or 2 pumper</td>
<td>Need to take the NAWT online class or equivalent</td>
<td>Required to log systems pumped in a state database (without internet option) - use myDEQ??</td>
<td>Certified as grade 1 pumper for a minimum of 6 months and pumped XX# of systems</td>
</tr>
<tr>
<td>Grade 2</td>
<td>Pump systems with advanced treatment</td>
<td>Certified as grade 1 pumper for a minimum of 6 months and pumped XX# of systems</td>
<td>Knowledge of advanced treatment systems - 1 day class (how to recognize what it is and how to pump) What not to do - remove the media - How to identify why tank is overflowing (conventional system)</td>
<td>NA</td>
<td>New</td>
</tr>
</tbody>
</table>

**Need to Know**
- How to locate tank and lift lid
- Uncover and access tank
- Run sludge judge
- Service effluent filter and reinstall
- Operate the truck (NAWT certification class online)
- Know when not to pump
- Know configuration of tank
- Ability to recognize non conventional systems (some advanced treatment system)
- Call 811 for utility location (Issue - utilities are not required to locate septic tanks before they install utilities)
- Where to obtain records of the system to assist in locating the tank

**Grade 2 Need to Know**
- What to look for to determine why tank is overflowing (be observant)
- Know what to do if identified nuisance
- What is a plumbing problem and what is a septic problem
- Basic knowledge of hydraulics