Members in Attendance:

☐ Jo-Anne Barcellano, Mohave County Development Services
☐ Mike/Mark Basic, Basic Drilling Company
☐ Susan Brenton, Manufactured Housing Communities of Arizona
☐ Lou Brown, AZOWRA/Eljen Corporation
☐ Bryan Chiordi, Orenco
☒ Douglas Disbrow, AZ Wastewater Services, LLC
☐ Marc Fleetwood, Fleetwood Engineering
☒ Jake Garrett, Gila County, CHAIR
☐ Jaimee Griffin, PE Drilling
☐ Tom Hanson, Maricopa County Environmental Services
☒ Jon Heidrich, Mogollon RV Park and AZARVC
☒ Alexander Kendrick, Gila County
☐ Pamela Krause, PE Drilling
☒ Karthik Kumarasamy, ADEQ
☐ Dave Lentz, Infiltrator
☒ Linneth Lopez, ADEQ
☐ Jacob Mays, 4RB SERVICES LLC
☒ Kathy Mills, Mills Engineering LLC
☒ David Monihan, Coconino County Community Development
☒ Raymond Morgan, ADEQ
☐ Craig Payne, Payne home services
☒ Luke Peterson, ADEQ
☐ Todd Rothrock, 4RB Services LLC
☐ Michael Stidham, EZTreat
☒ Michael Sundberg, MST Manufacturing DBA MicroSepTec
☒ Frederick Tack, GHD, Inc.
☒ Jenny Vitale, Self Employed, Engineer
☐ Joelle Wirth, Summit Environmental, LLC
☒ Heidi Welborn, Legal Specialist

Agenda:

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<tr>
<th>Agenda</th>
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<th>Overview</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>Welcome</td>
<td>Jake</td>
<td>Roll Call</td>
<td>Attendance listed above.</td>
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<tr>
<td>Tier Framework</td>
<td>Frederick, Karthik, Jake</td>
<td>Continued discussion from the May 4 joint TWG meeting.</td>
<td>Jake stated the purpose of the meeting is to continue the discussion of the tiered approach. Karthik presented an updated spreadsheet for the tier framework and a potential approach for the tiered approach.</td>
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Member Comments:
### Agenda

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| Jake     |                                                                                                                                                                | - Concern the tier approach is complicating the rule  
- We seem to be structuring the rule for 10% of the systems instead of focusing on the conventional systems which are 90%  
- An option is to think about the tiers as a family tree where there may be some options which further break down a tier  
- Permit should be based on effluent quality not treatment technology  
- Proposed future state is simpler than in current rule  
- If tiers based on effluent quality don’t need a residential or commercial tier  
- Need to consider the review time for the permits as it relates to the fees charged by counties  
- Instead of disposal permits put them through the PPL process and designer can choose which ever method they want from the PPL list  
- With a treatment train for high strength waste; pretreatment goes away  
- Have all commercial under 4.23 and remove the gallons requirement  
- Rules should be written simply and if we do that it will set us up for success  
- O&M can use the chart to start assigning monitoring and maintenance frequencies  
- Group discussed the following  
  - Whether or not a disposal permit is needed  
  - How pretreatment is addressed  
  - Options for naming the rules (target audience is the engineers and designers) or should it be simple and understood by everyone  
  - Permits by technology doesn’t allow for innovation without rule changes  
  - A tiered approach based on effluent quality will simplify the program (less emphasis on what is the box and puts the emphasis on what is discharged)  
  - Disagreement on whether a site investigation determines the tiers  
- The group agreed to have tiers with treatment levels to which technologies are assigned. The group agree to the future state tier structure based on the TS levels.  
- Structuring the tiers as presented (performance based on BOD/TSS) does not protect the GW by ensuring the proper treatment/effluent quality for the identified limiting condition, it simply allows the designer to "game" the SAR which in turns "games" the disposal area size.  |

**Presentation for May 19 Joint Virtual Meeting**

- Karthik, Mike and Jenny to create a visual based on the decisions and present to the joint TWG meeting next week.
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<tr>
<td>Review Subgroups</td>
<td>Subgroups:</td>
<td>• Program Administration – Joelle (Jake Mays, Alexander, Jenny)</td>
<td>Current groups on Mural: [Design and Permitting Mural with Sub-Group Tasks]</td>
</tr>
<tr>
<td>Assignments and Members</td>
<td>• 4.23/1.09 Permits – Kathy (Jenny, Mike Sundberg, Joelle, Frederick)</td>
<td>• Records – Frederick (David, ADEQ IT)</td>
<td>See notes in column 3.</td>
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<td></td>
<td>• Definitions and Consistency – Mike Sundberg (Karthik, Joelle, Luke, Heidi) – ensure the definitions are accurate, are same throughout rule and look for where new definitions are needed</td>
<td>• Soil Testing and SARs – Karthik (Lou, Jo-Anne, Kathy, Mark/Mike, Jenny)</td>
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<td>• Tank Criteria – Mark B (Jenny, Lou, Mike Sundberg) <strong>New:</strong> Mike Stidham, Dave Lentz</td>
<td>• Setbacks – Jo-Anne (Linneth, Kathy, Lou, Mark B, Jenny, Ray)</td>
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<td><strong>New:</strong> Mike Stidham, Dave Lentz</td>
<td>• Flow Rates – Karthik (Doug, David, Joelle, Mike Sundberg, Jon Heidrich, Linneth, Jo-Anne) – develop a starter table for initial input before getting too far in analysis</td>
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<td>• Technical Considerations – Jenny (Mike Sundberg, Alex, Lou, Jake, Kathy, Linneth, Joelle) – separate into A312 stuff and then catch all</td>
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<td>ROI/NOT – Linneth (ON HOLD) – Being addressed by OMC TWG – Linneth to confirm</td>
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Agenda | Lead | Overview | NOTES
---|---|---|---
Adjourn | Chair | Next Meeting: June 8, 2022 | 

**Action Plan:**

<table>
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<tr>
<th>Task</th>
<th>Person Responsible</th>
<th>Due Date</th>
<th>Status</th>
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<tbody>
<tr>
<td>Need to readdress the SAR values and ability of saturated soils</td>
<td>Karthik and Mike Sundberg to discuss</td>
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