



Meeting Agenda/Summary

Water Quality Division: 1.09 Permit TWG
Meeting 5: September 15, 2021 1:15-3:15 pm

Members in Attendance:

- | | |
|--|---|
| <input type="checkbox"/> Steve Christensen, Alpine Sanitary District | <input checked="" type="checkbox"/> Jon Heidrich, Mogollon RV Park & AZARVC |
| <input checked="" type="checkbox"/> Jake Garrett, Gila County | <input checked="" type="checkbox"/> Kathy Mills, Mills Engineering LLC |
| <input type="checkbox"/> Trika Graham, Freeport-McMoRan Bagdad Inc. | <input checked="" type="checkbox"/> Ray Morgan, ADEQ |
| <input checked="" type="checkbox"/> Thomas Hanson, MCESD | <input checked="" type="checkbox"/> Luke Peterson, ADEQ |
| <input checked="" type="checkbox"/> Maher Hazine, CHAIR, REI Development Services, LLC | <input checked="" type="checkbox"/> Jenny Vitale, Self Employed |

Agenda (Est Time)	Lead	Overview	NOTES
Meeting Notes	Mahe	Request comment.	
Potential Phase 1 Rule Change	Jake	Removing fixture counts from the design flow table	<p>Jake discussed the proposed changes to A309.9:</p> <ul style="list-style-type: none"> • Change the title to Routine Work as that is what is used in the following language. • Left 3 conditions when a NOI is required <p>Group discussion:</p> <ul style="list-style-type: none"> • viii – just state any modification of the treatment or disposal works • Replacing the treatment works includes tank replacement • Should e. be person or permittee • Is replacement of a pump, compressor considered routine work? Yes <p>Group agreed to the revisions as revised during the meeting.</p> <p>Mahe discussed the proposed changes to the proposed tank sizes and removal of the fixture counts.</p> <ul style="list-style-type: none"> • Proposal to go by number of bedrooms not number of fixtures • On tanks sizes just list the minimum size and not include the common tanks sizes • 2.1 – most studies refer to retention time of 2-4 days. ADEQ took to the minimal needed to settle out the solids. • 150 gallons per day per bedroom for design flow and design flow times 2.1 for tank sizes with a minimum tank size of 1,000 for residential and eliminate table • Need to define what is a bedroom • If ADEQ uncomfortable removing fixture accounts, then use Mark’s minimum tank sizes

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			<ul style="list-style-type: none"> • Monihan stated he felt minimum should be the calculated • Some type of homes like casitas would need fixture counts to determine flow • Houses are putting in convenience fixtures which is increasing the fixture count without increasing the flow • If aerobic systems are overdesigned, they do not function without the flow it needs to operate • Consider increasing storage and not treatment works • Need to keep simple for phase 1 • If leaving fixture counts, we need to increase the number of fixtures • Keep 25 gpd times fixture count for non-residential as a sizing option <p>Recommend – leave the table in the rule; recommend on the language on the two columns for tank sizes; it is OK to have a minimum tank size less than calculated value and state support for removing fixture units if possible in phase 1.</p> <p>Nitrogen Change – Jake reviewed his proposed change</p> <ul style="list-style-type: none"> • Adding that nitrogen is less than or equal to current drinking water standard • Added how to calculate nitrogen • Added clarification on how to determine acreage • Clarification of commonly asked questions <p>Discussion</p> <ul style="list-style-type: none"> • Concern about lower level can be verified without the monitoring requirements • Whittles away the safety factor • No ensuring that maintenance occurs • Would like option for acreage as ½ width right-of-way • Have had issues in the past with allowing right-of-way or other property off the boundaries to be included in the calculation
Preliminary Recommendations	All	The team began identifying issues where there was potential agreement	Determine where there is consensus and assignments for drafting white papers for the recommendations.
Next Steps	Maher	Plan the topics for the next agenda and any homework assignments	Next Meeting; October 20, 2021

Action Plan:

Task	Person Responsible	Due Date	Status
Homework – Review the mark up regarding routine work and add the situations you think will fall within each of the list and why these are justifiable.			Ask everyone to review and send comments.
Homework – Review the white board, are there other decisions which need to be moved into the recommendation box.			
Maher to send recommendation to ADEQ			