

Julie,

Thank you for your interest. I have attached the studies and data sources in pdf form or a link. The formal written document we will submit by Friday or sooner will be very organized. We will cite each section of the ordinance, make a comment, show our rationale, and either provide revised language or explain the change we propose. I am working to make this as clear as possible so you can easily understand our point of view and suggestions.

All the studies we reference will be footnoted and either attached in appendices or linked in the footnote.

Please let me know soon if there is a different format for input that you have found to be more useful for your purpose. I have found this to work in the past with other organizations.

Thank you again for this request. I know you have a mountain of work in front of you with very little time. Let us know how we can be of best assistance to you. (We realize that, aside from providing our written comments, leaving you alone at this point might be the best thing we can do for you.)

Links and explanation of attachments:

Links to wind data sources (you will have to use their search engine to find the data we used):

<https://weatherspark.com>

<http://www.ncdc.noaa.gov/sites/default/files/attachments/wind1996.pdf>

The "Low Precip Study from WSI2012.pdf" document attached has information on pages 16 and 17 that we did not cite directly, but which has influenced our thinking on the value of low precipitation rate sprinklers. I don't believe variables were controlled adequately to be able to draw conclusive results, but it is a real world case where lower precipitation rate sprinklers caused water use to rise.

Appendices B, C, and D are all related. Appendix B is the Wind Study report conducted by University of Arizona. Appendix C is a White Paper written by Randy Montgomery, the Rain Bird employee who commissioned the study and combined other water droplet size research he personally conducted. Appendix D is the PowerPoint presentation of his White Paper that he gave at the Irrigation Association Trade Show and Conference in the fall of 2013.

I know you have WUCOLS, but I had it handy and thought I might save you looking for it. Same for the DWR White Paper.

Ron Wolfarth
Principal Product Manager

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