**SDC 1100 Subcommittee**

**August 15, 2023; 3-4 pm EST**

**Via Microsoft Teams**

[**Click link to join**](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzczYjc5MGUtOWNlOC00NjY2LWJkOWItYzFjY2Y5MjA5YTBl%40thread.v2/0?context=%7b%22Tid%22%3a%22e5f23624-9be3-4926-98df-49740f9dfb77%22%2c%22Oid%22%3a%229ec8eb7d-71a2-4e8f-a6b7-b6739b4a7e3d%22%7d)

**AGENDA**

**Present:** Ryan Meres, Philip Fairey, Gary Klein, Andrew Morris, Jacob Atalla, Holly Cannon, Jonah Schein, Kent Sovocool, Kim Shanahan, Dan Cole, Ed Osann

**OTHER:** Frank Kinder

**Staff:** Noah Kibbe

1. Call to Order
   1. Meeting began at 3:02 PM EST
2. Roll Call (Ryan Meres)
   1. ABSENT: Ed Osann [arrived late], Angie Marcus, Dave Walls
3. Update on small lot irrigation? (Jonah)
   1. The core outdoor equation in the standard has different curves for homes with/out irrigation.
      1. At some point, the two lines will intersect.
   2. If the home is built in climates with < 12” of net ET, the reference home will always have an irrigation system.
   3. Homes in cool climates will always have an irrigation system.
   4. The solution posed will not allow the lines to cross.
      1. As soon as the curve for homes with irrigation hits that line where it would go below the non-irrigated home line, the rate will level out.
      2. The problem: the homes used in the reference were not as small as some homes that are currently being rated.
   5. Proposed solution: rather than not letting the curve for homes with irrigation go below the non-irrigated curve, the curve for homes without irrigation was restricted to not go above the curve of those with irrigation.
      1. The problem: does outdoor water use ever go to zero? That is highly unlikely.
   6. Pools
      1. The standard does not differentiate based on the size of the pool, just the presence/absence of one.
      2. The standard assigns the reference home a pool when the rated home has a pool with the intent to:
         1. Improve the predictive accuracy of the rated home.
         2. Not penalize homes for having pools, while creating the opportunity to improve scores later through improved technology.
      3. Unintended consequence: the pool contribution for the rated and reference homes can be slightly different.
   7. The solution was tested against 160 homes.
   8. Changes made to 850 Standard:
      1. Section 4.3
         1. The equation was changed in this section and no comments were made.
      2. Section 4.4
         1. Gary suggested noting there were no changes in this section to prevent any confusion from those reading this section in the future.
         2. Gary said that Equation 1 and Equation 2 being written this way may be hard to follow because of Equation 2’s mention of adding Pool\_use as a factor.
            1. Jonah clarified that there are definitions provided for Pool\_use that will clarify.
      3. Ryan will create a ballot to be sent to the SDC.
4. Informative Appendix A
   1. There is an Informative Appendix at the end of Standard 850 that explains some of the water calculations.
   2. This was added after the previous public comment period closed.
   3. Philip suggested reviewing this section based on the changes applied to the Standard 850 equations.
   4. Kent said putting “xeriscape conversion” in quotes makes the language confusing.
   5. Ryan will send the language in this Appendix to the group to provide feedback.
      1. Any changes will be applied before it is sent.
5. New Business
   1. Jonah said RFP Version #3 of the Residential End use of Water Study (REUWS) will be going out soon.
   2. Jonah said the water research foundation indicated they recognize the need for more information on multi-family water use as opposed to single-family water use.

Meeting concluded at 3:40 PM EST.