**RESNET® SDC 1100 Task Group**

**September 23, 2025; 3-4 pm EST**

**Via Microsoft Teams**

**[Click link to join](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjhhZmM4NDMtOGI3Mi00ZjczLTlhYWMtZDk5NDAwYzQ4OTAy%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)**

Meeting ID: 282 416 576 133

Passcode: fh2P7NT7

[**MEETING RECORDING HERE**](https://www.resnet.us/wp-content/uploads/SDC-1100-Task-Group-RESNETICC-Std.-850-20250923_150256-Meeting-Recording.mp4)

***No password***

**AGENDA**

1. Call to Order
2. Roll Call (Ryan Meres)
   1. Attendees: Rebecca Santiago, Andrew Morris, Holly Cannon, Jacob Atalla, Steve Eagleburger, Ed Osann, Paul Kinter
   2. Staff: Ryan Meres, Michael Matthews, Paulette McGhie
3. Welcome new task group members
   1. Rebecca Santiago, Steven Winter Associates
   2. Steve Eagleburger, EnergyLogic
4. Gray Water—revisions to calculator inputs?

The group reviewed the addition of “Gray water system” and “toilets connected” to the HERS® calculations spreadsheet. There is a need to clarify exactly what sources feed into the gray water system-- such as lavatories, faucets, clothes washers, or showers. The current inputs will need to be updated to specify these sources to have accurate calculations. Since the current standard language is unclear on how the water should be accounted for, an interpretation will be needed.

The group reviewed the current language in Standard 850-2025, Section 4.5.7.1. Ryan explained that an interpretation specifying additional sources of gray water will need to be drafted for approval by this group and subsequently by the SDC. Once approved, the calculations spreadsheet will need to be updated to reflect these sources.

Calculating shower water is usually sufficient for toilet flushing, but excluding it and adding additional gray water sources, like faucets and clothes washers, would require additional calculations. The standard was updated after the Public Comment period to include multiple gray water sources, rather than just showers

1. Clarifications on multifamily outdoor water use calculations

The new version of Standard 850 now includes multifamily housing (MFH) and has introduced the need to address outdoor water usage. The spreadsheet can be toggled to calculate “Home Type” and “Number of Units” to calculate MFH, with outdoor water usage being divided and applied to each unit equally. Additional guidance will be required, as the calculations can become complicated depending on the type of building the MFH is in.

Ryan suggests adding a tab to the spreadsheet detailing guidance including how to calculate water usage on lots with multiple buildings. A discussion was held on whether to calculate usage based on the pad footprint or dividing the entire lot usage equally among the buildings, and whether the calculation should be based on units or square footage. They argued that outdoor water use is independent of the occupants’ water use and may penalize smaller units. Ryan pointed out that separate indoor and outdoor scores in the spreadsheet could help balance it out.

The group also discussed how to calculate for a commercial space within a multi-family building and pointed out that currently, standard 301 excludes these areas. It was proposed that a calculation could be made to exclude the commercial space and its designated water usage from the overall calculations. But doing so would require an update in the standard; the group will discuss this at a later time.

1. Revisions to H2O guidelines for dishwasher and clothes washer use
   1. Needed to reflect changes to HERS® calculations

The quickest way to update the calculations is by revising the implementation guidelines. Philip has prepared the revisions, and Ryan will draft them into the guidelines. No discussion from the group is needed.

1. Sampling guidelines

In 850-2020, the references to sampling were taken out with the idea that it would be handled in the implementation guidelines. Sampling has since been dropped for SFH and added for MFH. The group will need to review the implementation guidelines and determine if sampling for SFH should be updated or removed, and how to include sampling for MFH and account for clothes washers, dishwashers, and fixtures.

The group agreed that the guidelines should be aligned for all types of housing to prevent any possible confusion. It was mentioned that some companies are still using sampling for HERS H2O and WaterSense, and following up with them would give the group good insight. It was clarified that sampling is optional, Raters still rate each property individually, and that the HERS H2O program was designed to be an add-on, not a standalone rating.

Next step: the RESNET QA team will review the sampling guidelines, line them up with the current HERS sampling protocols, and make sure everything is consistent with the standard.

1. New Business

A PDF copy of the updated 850 standard will be shared with the group members.