

HR FOG Technical Committee Meeting Summary

RE: Hampton Roads Regional Technical Standards for the Sizing of Grease Control Devices

June 20, 2017 Meeting

HRPDC Office – 723 Woodlake Drive, Chesapeake, VA 23320

In attendance:

Katie Cullipher, HRPDC

Brent Werlein, VB

Regina Duncan, HA

Kate Bernatitus, NN

Amanda Albright, HRSD

Christina Perez, HRSD

Jerry Hoddinott, CH

Cathy Filipowski, NO

Lou Battagliola, Jr. CH

Heather Stanton, CH

- Brent Werlein (VB) received FSE data from the following localities: Newport News, Norfolk, Virginia Beach, and Hampton. There were 52 FSEs analyzed for the purpose of exploring different GCD sizing options.
- Each GCD sizing method shows vastly different results because they take into account different variables. There was little consistency between the various methods.
- Sizing methods analyzed included: EPA Seats Calculation, EPA Meals Calculation (info not available for most FSEs for this method), Grease Production Sizing (GPS) Method (Daily Meals x Grease Production x Desired Cleaning Frequency), Modified GPS (adjusted for flatware vs. no flatware), current HRPDC Gravity Sizing Method (with HRPDC DFUs vs. IPC DFUs), Pdi Hydromechanical to Gravity, and Pdi&HRPDC Hydromechanical 1 min drain
- It was apparent that adjusting the GPS method for flatware vs. no flatware didn't make any notable difference

Observations & Next Steps:

- The group reviewed multiple examples from Brent's analysis comparing the various sizing methods and determined there was no clear "winner" for GCD sizing because of the different variables that are factored into each.
- Instead of creating a new regional GCD sizing method, it was determined the best reproach would be to modify the existing standards for sizing by doing the following:
 - Updating the DFU table (based on current plumbing code) and assigning definitions to each category
 - Updating the listed NAICS designations
- The Committee agreed to reconvene on July 10 for a meeting to update the current standards as described above. The meeting will be held at the HRPDC office and lunch will be provided as it could prove to be a lengthy discussion.
- Any additional follow-up after the July 10 meeting can be accomplished at the July 18 FOG Education Committee meeting in Newport News.