**SDC 1100 and Task Group Combined Meeting**

**May 27, 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

**AGENDA**

1. Call to Order
2. Roll Call (Ryan Meres)
3. Alternative Water Sources
   1. Continue discussion on rainwater
4. Sampling
5. Multifamily calculations testing
6. New Business

**Alternative Water Sources Discussion**

***Current PDS-01/02 Language for Gray Water:***

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Description automatically generated**

***Rainwater capture has been discussed in the past, but no formal action taken.***

Suggestions for rainwater data fields:

* Roof size (collection area)
* Storage size (cistern)
* Rainfall (monthly, annual, seasonal?)
  + Do we need a data source or is it up to the system designer?
  + TMY data includes rainfall
    - Can be used to determine rainfall and “Growing Degree Days”
* End use (potable, irrigation, toilets)
  + Need a way to indicate the end use for rainwater
  + Impact on score is the amount of potable/city water offset
* Growing season (NOAA/ATLAS weather data)
  + May need changes to irrigation calcs
  + When is water available and when is it needed
  + Growing Degree Days (base @ 50F)

Rainwater catchment system standards: ICC-805 and ARCSA/ASPE/ANSI 63.

\*Blackwater (Marcus Linger, Gary’s contact)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of Alternative Water | | Offset Calculation | | |
| Source | Use | Source | Effective Yield | Offset |
| Gray water collected from plumbing products and appliances | Flushing toilets | Calculated as the sum of all end-use sources (e.g., showers, lavatory faucets, clothes washers) for the rated home. If not all potential sources of a similar fixture type feed the system, the water for that end use should be equally divided across the number of fixture types present in the Rated Home (e.g., if one of two showers are connected to the gray water system, only half of daily shower water use would be eligible to be counted as gray water) | 80% | Total of source times the effective yield, applied to (but not to exceed toiletgpd) |
| Rainwater collected from the lot area | Irrigation  (Could consider indoor uses) | Calculated as the sum, in gallons from all rainwater collection surfaces, not to exceed the rainwater storage capacity.  Square feet collection area X Annual rainfall in inches X 0.6 (conversion factor) | 80% | Gallons of rainwater collected times the effective yield, not to exceed annual outdoor water use, determined by Section 4.6.1. |
| R.O. |  |  |  |  |
| Condensate |  |  |  |  |
| Gray Water | Irrigation |  |  |  |