



Date: September 8, 2020

9:30 AM – 11:00 AM

Location – GoToMeeting

MEETING NOTES

Regional Water Efficiency Program Advisory Committee (RWEPAC)

Meeting called by:

Program Manager

Type of meeting:

Program Advisory Committee

Call to Order at: 9:30 a.m.

1.0 Welcome and Introductions

Attendees

Amy Talbot, Angela Frost, Bill Cassady, Bobby Alvarez, Brady Chambers, Chris Nelson, Don Smith, Greg Bundesen, Karen Wilhelm, Linda Higgins, Lisa Brown, Marcy L Goodman, Monica Garcia, Paul Siebensohn, Robert Barragan, Ryan Burnett, Travis Franklin, William Granger, Sayetsi Sanchez (City of Woodland), Cheryl Buckwalter (Landscape Liaisons), Lisa Maddaus (Maddaus Water), Geneva Gondak (Rescape)

2.0 Meeting Notes

The July 14, 2020 notes were approved and will be posted online.

3.0 Group Discussion

How does your agency calculate R-GPCD?

The City of Sacramento shared the four DWR methods of evaluating monthly billing data are as follows:

1. Method 1: Estimate of RSFI-GPCD is based on minimum month with no adjustment for possible outdoor use. It is the crudest estimate one can develop and is only provided for reference.
2. Method 2: Estimate of RSFI-GPCD is based on minimum month with outdoor use removed. Outdoor use is estimated by examining the seasonal range (ratio of summer maximum to winter minimum use) using dedicated irrigation meters used to extract winter irrigation from minimum month demand for other customer classes.
3. Method 3A: Estimate of RSFI-GPCD is based on minimum month with outdoor use removed. Outdoor use is derived from statistical models of household water demand. Model parameters are separately estimated for each agency using up to 9 years of monthly or bi-monthly billing data. The dependent variable is total household demand per day. The independent variables
4. Method 4A: This works off the same models estimated for Method 3A. Indoor use is predicted not by assuming landscape area is zero, but by assuming that rainfall in the minimum month was at its extreme level found in an agency's historical weather record.

The City of Lincoln formula: $R-GPCD = [(TMP * PRU * C) / TPS] / \text{number of days in the month}$.
 Where: TMP=Total Monthly Potable Water Production PRU=Percent Residential Use C=Unit Conversion Factor TPS=Total Population Served.

The City of Roseville formula: $R-GPCD: ((\text{Monthly Production} \times \% \times \text{Conversion Factor}) / \text{Population}) / \# \text{ of days}$. ** the “%” above is: (Residential Single and Multifamily

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| | <p>Domestic total/43560)/Monthly Production.</p> <p>Sacramento Suburban Water District uses the following equation to calculate R-GPCD: $((\text{total production} * (100\% - \text{water loss percentage}) - \text{CII Water Use}) / \text{Population}) / \text{number of days in the month}$.</p> |
| 4.0 Program Updates | Short update, longer email update provided prior to meeting. |
| Prop 1 IRWM Grant Overview | <p>The Water Efficiency Program (WEP) has secured \$2.385 million in grant funding with a required local and regional cost share of \$1.326 million. The three projects are:</p> <ol style="list-style-type: none"> 1. Leak Detection and Repair \$1,000,000 with four participating RWA agencies 2. Water Efficiency \$1,185,000 passthrough funding has not been split into agency budgets at this time. The project incorporates a variety of activities: <ol style="list-style-type: none"> a. Res. Irrigation Rebates \$595,000 - passthrough b. Res. Turf Replacement \$125,000 - passthrough c. Res. Water Loss \$200,000 - passthrough d. CII High User \$50,000 - RWA managed e. PO. Focus Group \$20,000 - RWA managed f. PO. Media Buys \$185,000 - RWA managed g. PO. Regional Garden \$10,000 - RWA managed 3. Research Studies \$200,000 this will be divided between indoor and outdoor studies. <p>A meeting will be scheduled in 2021 to discuss the specifics of each project and a project agreement will be prepared.</p> |
| Legislative/Regulation | <ul style="list-style-type: none"> • Water Loss – We included some RWA agencies’ examples into the RWA water loss comment letter to the state. We are looking for more agency specific examples in both the economic model chart and the 2028 water loss target feasibility list. Please send Amy similar examples if you have them for your agency. • Landscape Area Measurement – DWR agency specific landscape budget data will start being released in batches of 25-40 suppliers after mid-September. • Indoor - While the indoor residential water use standards are already set via Senate Bill 606/AB 1668, DWR is required to conduct a study to submit to the legislature by the end of 2020 to assess if the current standards are realistic and sufficient. If the study concludes that changes to the current standard are needed, it will require legislative action for those changes. |
| QWEL Update | Training is scheduled to start on October 7, 2020. Trainings will be held virtually on Monday/Wednesdays from 12:30-4:00 p.m. throughout the month of October. Lori Palmquist and Rob Littlepage will continue to be our instructors. The landscape audit portion of the training will be conducted virtually using videos and the exam will be conducted online through a proctoring company. |
| Eagle Aerial Update | RWA secured the quotes for service and delivered them to the interested agencies. At this time, there seems to be limited interest in pursuing a regional approach based on the quotes received. |
| Public Outreach Trainings/Workshops Survey Results | <p>RWA is considering hosting virtual customer trainings this fall and winter and would like to get some consensus on what topics the RWEPCAC would like covered. If you would like to co-host an event contact Amy. Suggested topics from a recent SurveyMonkey poll of RWEPCAC agencies include:</p> <ul style="list-style-type: none"> • Landscape Design (Project examples and associated costs) • Growing Veggies • How much water does your yard really need? (Landscape Water Budgets) |

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| | <ul style="list-style-type: none">• Do's and Don'ts for Front Yard Renovations (How to Avoid Design, Irrigation, and Plant Pitfalls)• Irrigating/Caring for Trees (in Partnership with Sacramento Tree Foundation) |
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| 5.0 Agency Announcements | |
| Agency Announcements | Agencies provided information to group about upcoming events. |

Meeting Adjourned at 11:30.