



# Proposal for Annual Multi-Family Toilet Replacement Program

Joint Water Planning and Stewardship  
Committee and  
Conservation and Local Resources Committee  
Item 6a

August 17, 2020

# Review of the Completed Pre-1994 Multi-Family Toilet Pilot Program

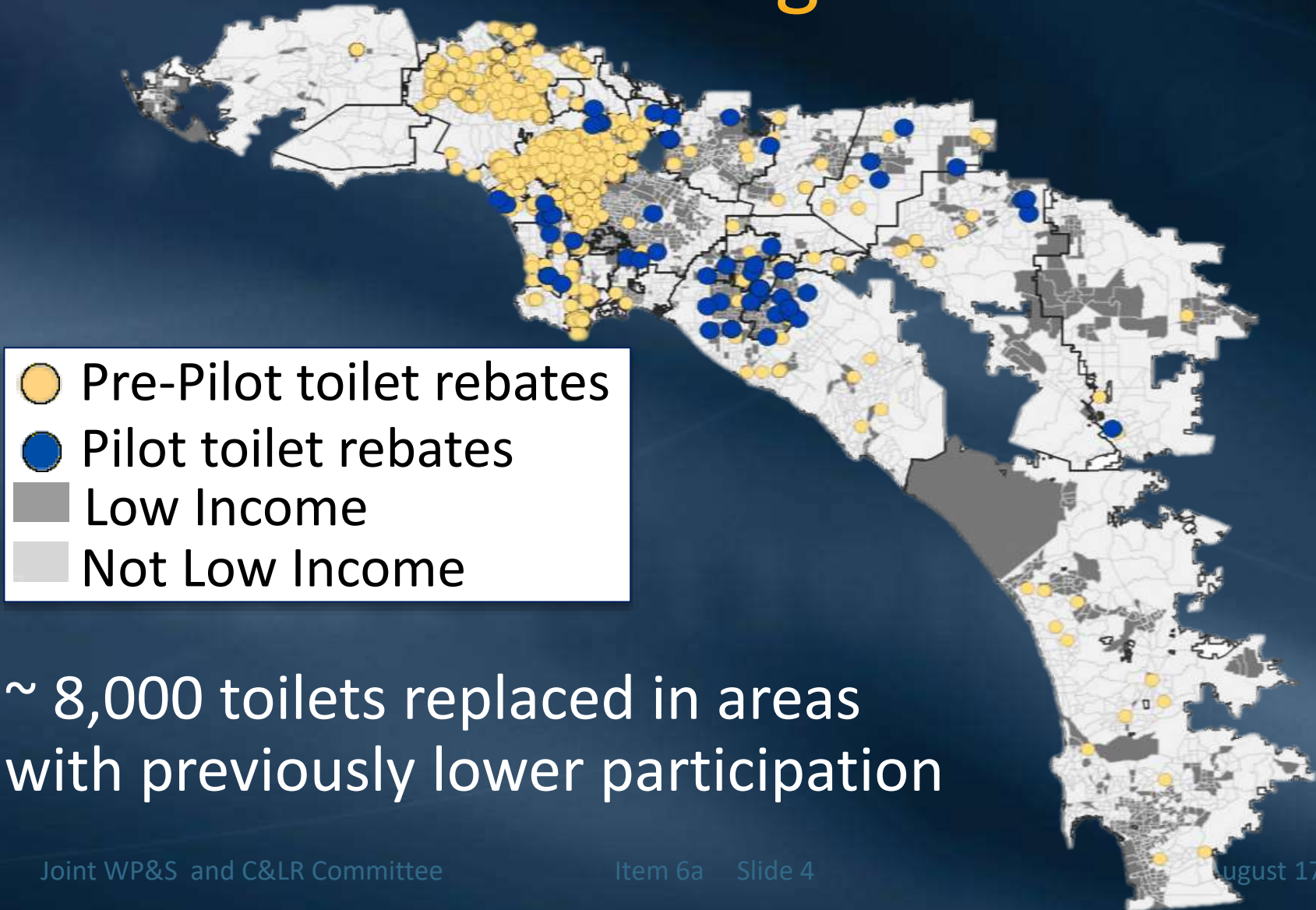
# Review of the Criteria for the Completed Pilot Program

## Regional Pilot Program

\$250 for older multi-family buildings

- Multi-family built prior to 1994
- Must install  $\leq 1.1$  gallons per flush (gpf)
- Pre-installation inspection required
- No past participation in toilet rebate program

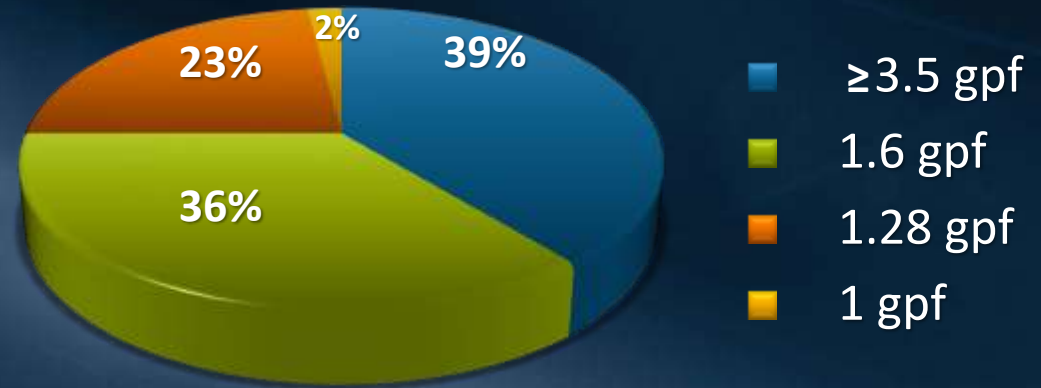
# Multi-Family Toilet Rebates: Pre- and Post-Pilot Program Distribution



~ 8,000 toilets replaced in areas  
with previously lower participation

# What Did we Learn from Pre-Installation Inspections?

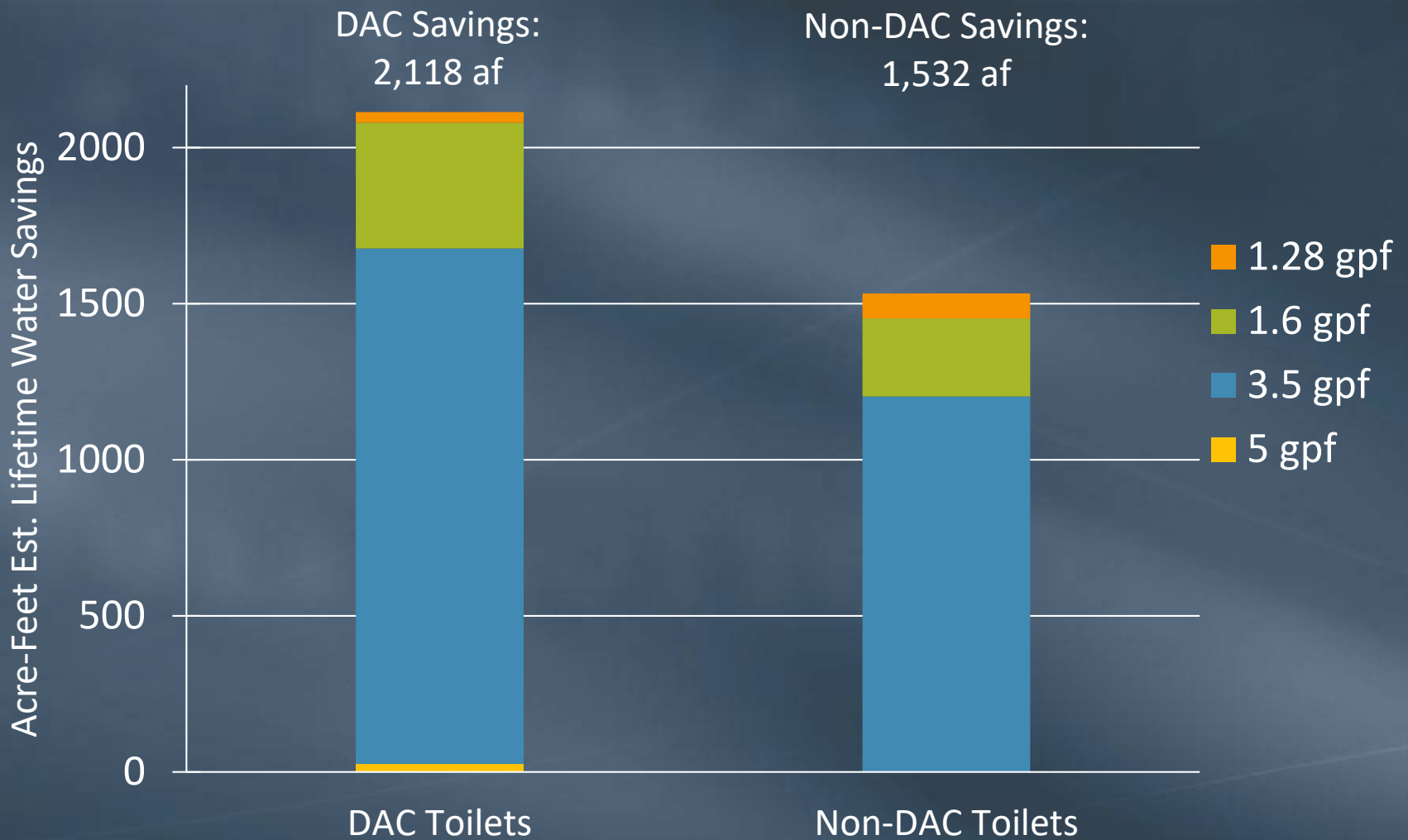
- 75% of toilets replaced were  $\geq 1.6$  gpf



- Higher instance of these toilets were found in DAC properties



# Water Savings Estimates for Toilets Replaced in Pilot Program





# Pilot Program Budget and Expenditures

- \$2.5M budgeted for rebates
  - \$2M spent; 20% drop off
- Additional funding budgeted and expended on:
  - Administration
  - Pre and post-installation inspections



# Observations from the Pilot Program

- Program fully subscribed in under 30 minutes
- Incentive drove contractors to areas with previously lower participation
- Pre-installation inspections allowed us to identify existing toilets
  - Toilets in DAC buildings tended to have higher flush volumes
  - Most water savings came from the retrofit of  $\geq 3.5$  gpf toilets



# Proposal for Annual Multi-Family Toilet Replacement Program

# Multi-Family Toilet Replacement Proposed Program Design

**Retain \$250 rebate but limit to  
replacement of  $\geq 3.5$  gpf toilets**

Create second tier incentive of  
\$125 for 1.6 gpf replacements

**Continue with the following  
requirements:**

Pre-installation inspections

Past participation screening

Proof of pre-1994 building

# Proposed Program Data Collection

- Continue analysis of participating sites; location, existing toilet volumes, water savings
- Verify data such as number of people per household, where possible
- Identify opportunities for participation in other incentive programs



# Proposed Program Budget

**\$2.75M per year included in current  
FY 20/21-21/22 budget**

- Rebates distributed until funds subscribed
- Recycle funds from cancelled applications back into program
- Develop regular program launch and re-launch schedule

# Proposed Program Benefits

- Two-tiered rebate approach will shift the focus to higher flush fixtures
- Opportunity to collect data and cross-market programs
- Substantial demand for the program
- Increase water efficiency in properties that have not been previously upgraded



# Next Steps

- Incorporate input from today's committee discussion
- Return to Water Planning and Stewardship Committee with proposal for action in October
- Program would commence early 2021; contingent on public health protocols related to inspection program

