

Integrated Rebate Program

Water Conservation & Wastewater Reduction

Utility Advisory Committee | September 3, 2015



City of Olympia
LOTT Clean Water Alliance

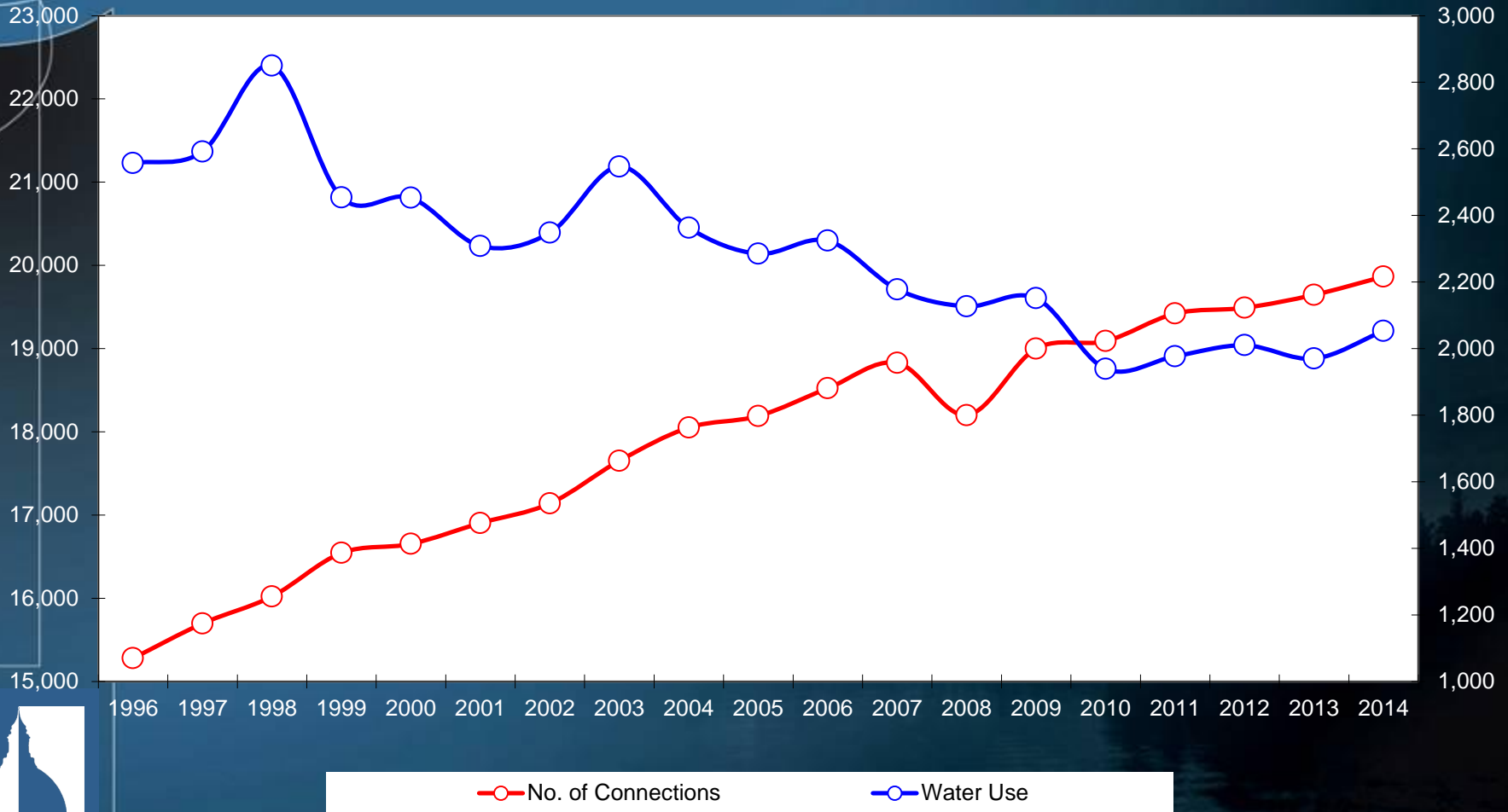
Background

- **1996:** City Council adopts first Water Conservation Plan
- **1997:** Program Implementation
- **Utility Goal #3:** Olympia's water supplies are used efficiently to meet the present and future needs of the community and natural environment



Connections vs. Consumption

1996-2014



Olympia

Recent Accomplishments

- **2012:** Over 1,000,000 gpd saved through LOTT programs
- **2014:** Exceeded 2009-2014 WSP Goal
- **2015-2020 Goal:** Reduce indoor use by 100,000 gpd; reduce outdoor use by 5%
- **Municipal Water Use**
- **Maintaining System Water Loss**



Collaboration with PSE

- **Water Use Efficiency Report:** Highlighted water related rebates offered by PSE
- **HomePrint™ Energy Assessments:** PSE to distribute postcards highlighting offers for City/LOTT customers
- **PSE Free Washing Machines:** Promotion and tracking
- **Web Link:** Customer reminder that PSE also rebates on High-Efficiency washing machines



The title of the program, "Water Conservation Coordination Program", is centered on the page. It is written in a bold, dark blue, sans-serif font. The background of the slide is a light blue gradient with a wavy, water-like texture across the top half.

Water Conservation Coordination Program

Structure of the Regional Program

Program Implementation

Water Conservation Coordinating Committee (WC3)

Steering Committee

LOTT Technical Sub-Committee (TSC)

Decision-Making Authority

LOTT Board of Directors

Basis for Flow Reduction Program

- Established in late 1990s a part of long-range wastewater management strategy
- Purpose: delay need to build new treatment capacity
- Foundation for project evaluation:
 - Cost-effectiveness threshold
 - Cost to build a new gallon of treatment capacity
 - Most recently estimated at \$22.71/gallon

Guiding Principles

- Reduce wastewater flows
- Serve only LOTT wastewater system customers
- Complete cost-effective projects
- Focus on the biggest bang for the buck:
 - Greatest flow reduction potential
 - Most cost-effective
 - Highest likelihood of success
- Focus on proven, measurable technology
- Held to public agency standards re: how funding used

Residential Programs

- High-Efficiency Toilet Rebates
 - \$100 for each qualifying HET
- WashWise Rebates
 - \$50 rebates for efficient washing machines
- Water Saving Kits
 - showerheads, aerators, leak tablets, tape

Multi-Family Programs

- High-Efficiency Toilets
 - Free toilets:
 - Low participation
 - Higher cost
 - Flat rebates:
 - High participation
 - Ease of implementation
 - Lower cost

Commercial Programs

- High-Efficiency Toilet Rebates
 - \$100 for each qualifying HET
- WaterSmart Rebates
 - Up to 75% of cost of retrofits
 - Condensers, commercial grade washers, food steamers, ice machines, and more

Past Flow Reduction

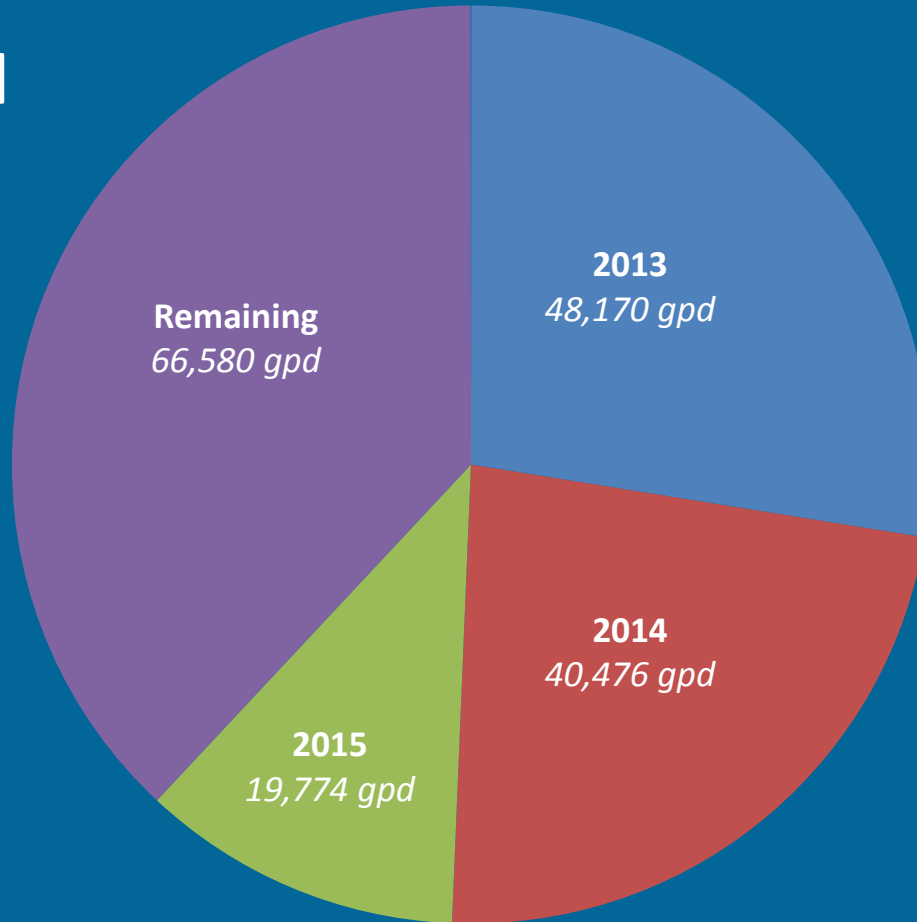
1,000,000 gpd between 1997-2012

Based on \$20-\$22 cost-effectiveness threshold:

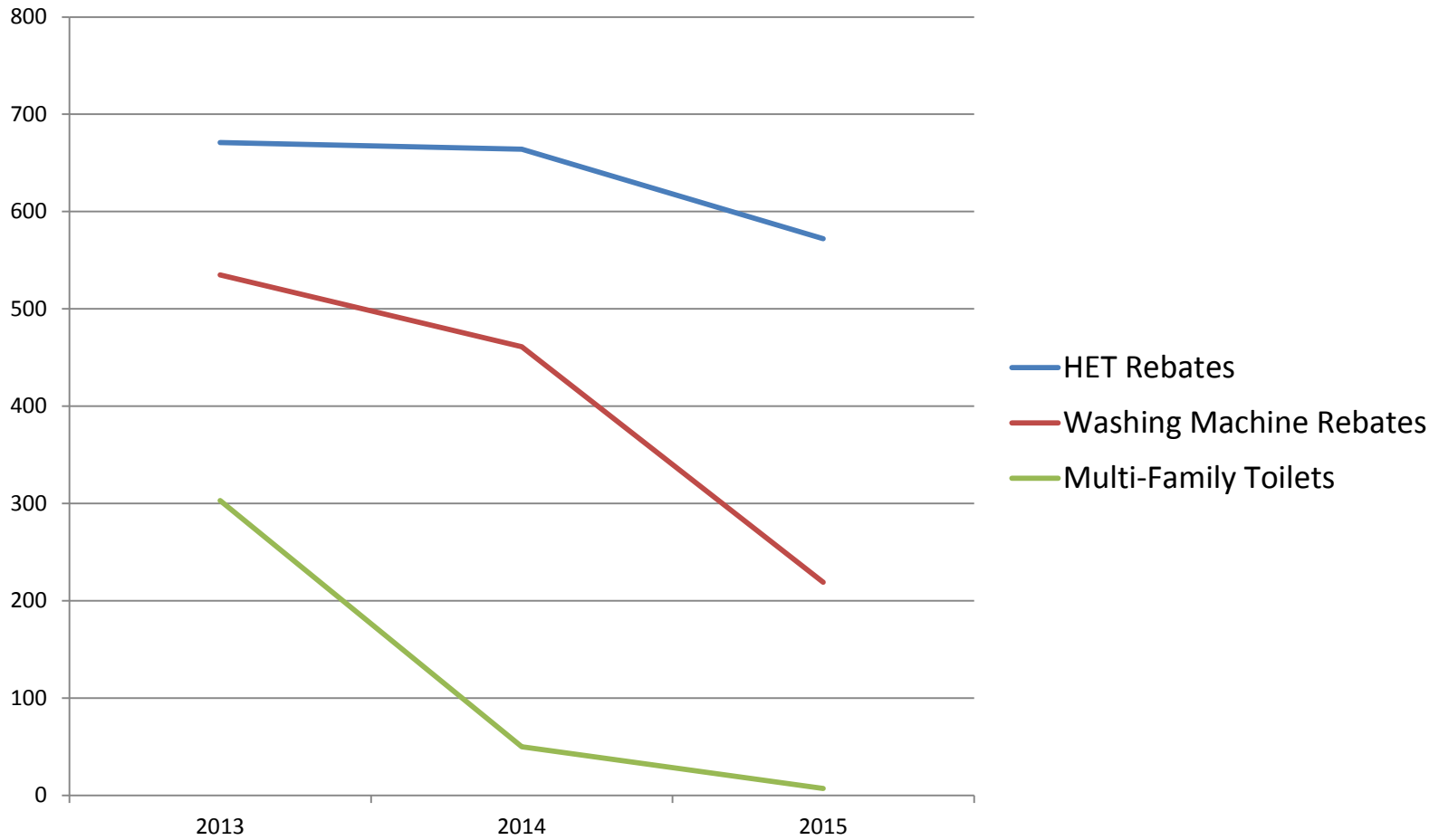
- \$21,000,000 value
- \$ 7,000,000 investment
- \$14,000,000 net benefit

Current Flow Reduction 2013-2018

Goal:
175,000 gpd



Participation



Active Promotion

KICK the OLD CAN! Get a rebate to boot

(conditions apply)



SAVE MONEY \$
SAVE WATER

lottcleanwater.org

SAVE WATER  SAVE MONEY \$ IN YOUR HOME



You may qualify for:

- \$100 rebates for high-efficiency toilets
- \$50 rebates for water-saving washing machines
- Free water saving kits

If your home is served by the LOTT sewer system through the city of Lacey, Olympia, or Tumwater

To learn more, visit: www.lottcleanwater.org



SAVE WATER  SAVE MONEY \$

Get a \$100 rebate for replacing your toilet with a qualifying high-efficiency model that uses 1.28 gallons less per flush. You could save between 11-35 gallons water a day!

Get a \$50 rebate for purchasing a qualifying water-saving washing machine. You could save an average of 7 gallons per day. (PSE customers using washers built 1997 or earlier may be eligible for a FREE washing machine if they have an electric water heater!)

Get a free water saving kit with a showerhead, faucet aerator, and toilet leak detection tablets. You could save an average of 18 gallons per day!

Learn more, visit www.lottcleanwater.org or contact the conservation specialist in the city where your home is located:

Lacey, call (360) 438-2687

• In Olympia, call (360) 753-8271

• In Tumwater, call (360) 754-4140



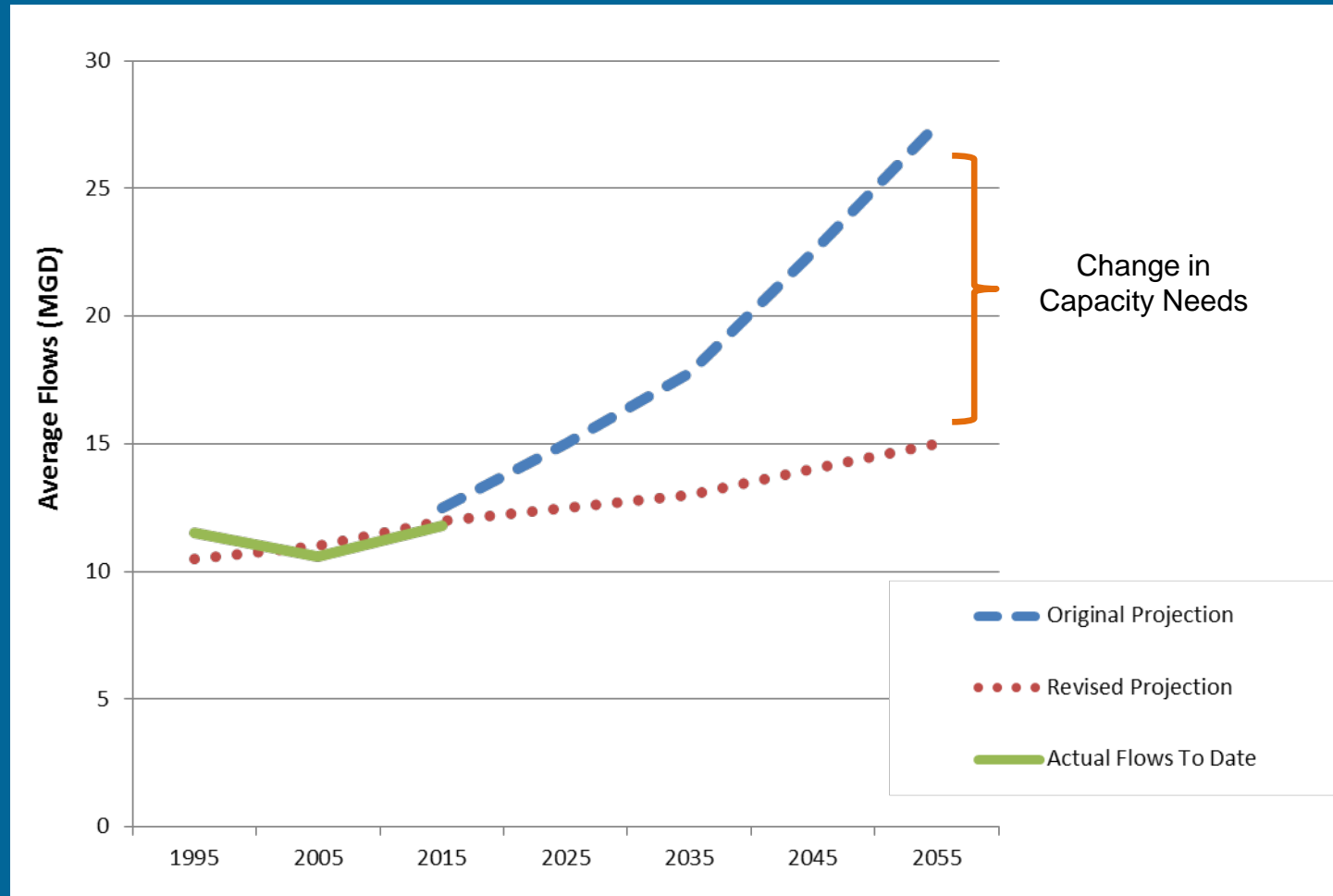
500 Adams Street NE
Olympia, WA 98501-6811

Delivery Methods

Why not spend all the way up to the cost-effectiveness threshold to make rebates/incentives more enticing?

- Focus on the biggest bang for the buck:
 - Greatest flow reduction potential
 - Most cost-effective
 - Highest likelihood of success
- Ensure no gifting of public funds
- Uncertainty re: current threshold

Changing Conditions



Changing Conditions

- New capacity needs are significantly delayed
- LOTT's permit limits are based on pounds of pollutants, not on gallons of flow
- Foundation for future project evaluation:
 - What is the appropriate basis for cost-effectiveness threshold?
 - Are our programs still cost-effective?
 - How will the program need to change?

Questions