

Agenda

- City of Vancouver (COV) Overview 1.0 Highlights
- COV: Where to start to reduce Outdoor Use.





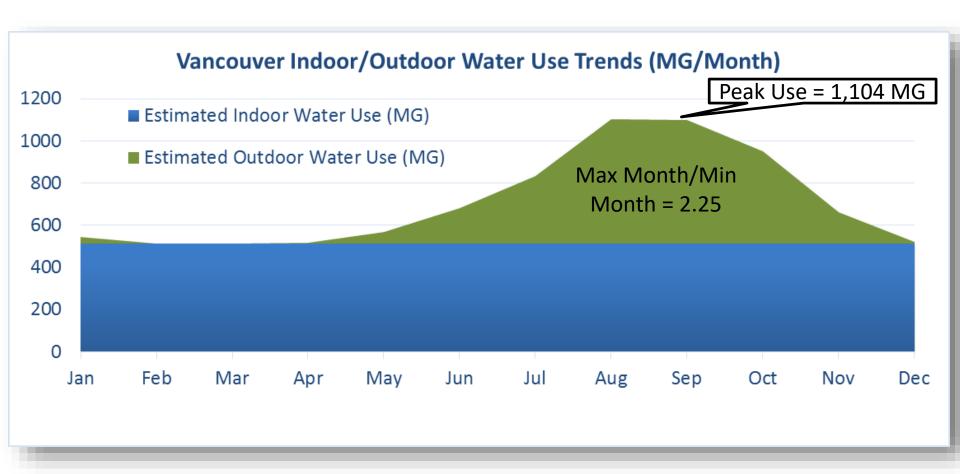
Vancouver Overview

- ☐ 4th Largest Utility in Washington
- ☐ Service area of 72-square-miles serving 250,000
- ☐ Over 9 billion gallons per year with over 25% demand during July-August
- ☐ Temperate Mediterranean climate with warm, dry summers and cool, rainy winters.
- ☐ Mixed economy with water uses: residential (72%), commercial (16%), industry (7%) and gov't (5%).



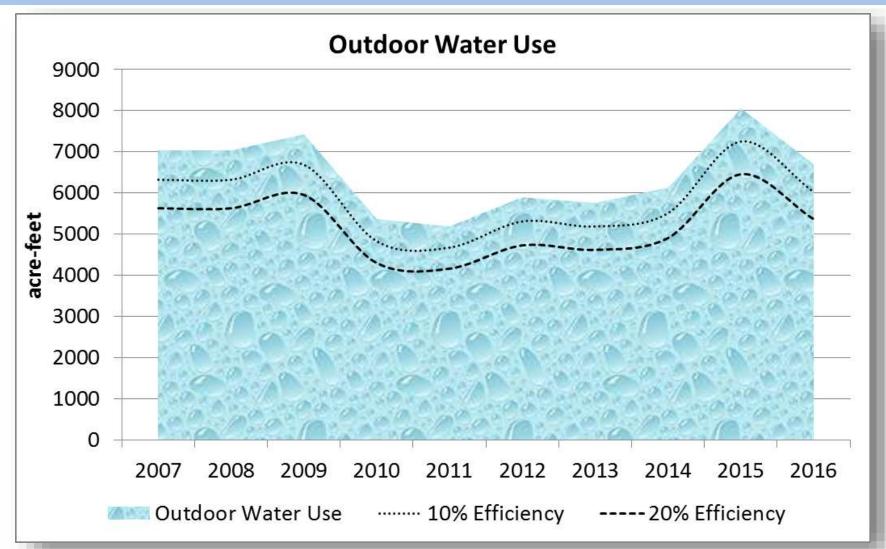


Outdoor Water Use



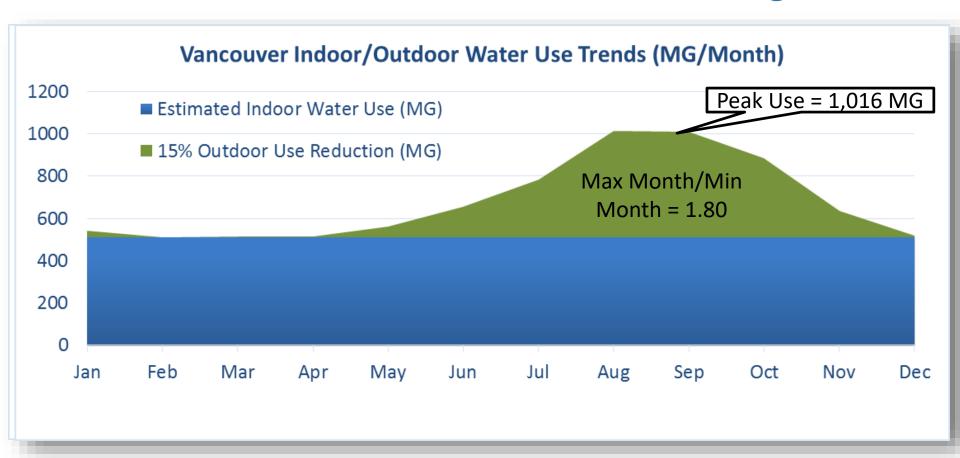


Vancouver Outdoor Conservation Potential



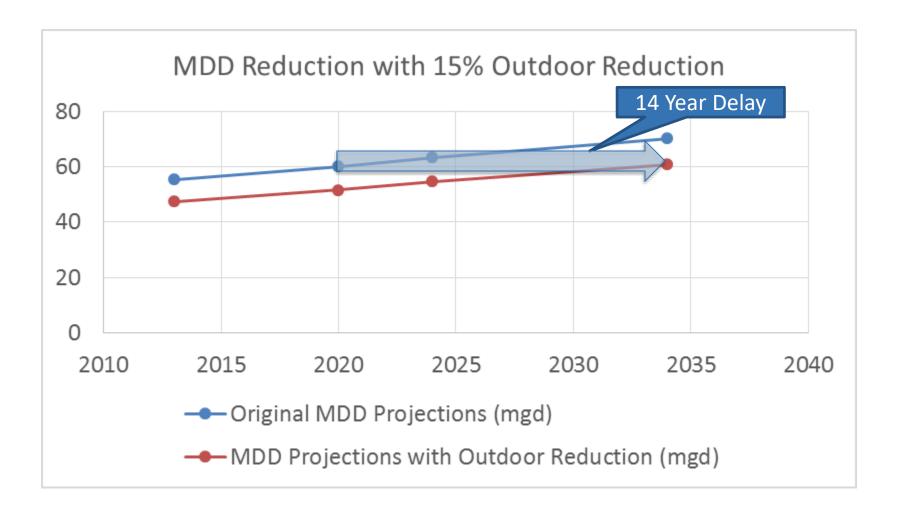


A 15% reduction through efficient irrigating leads to 1,079 AF of annual water savings





15% outdoor reduction delays demand & defers debt (\$20 mil)



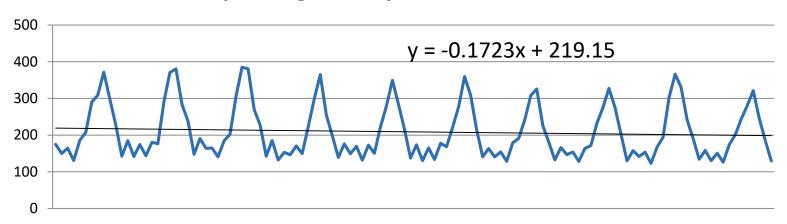


What strategies to use in your community?



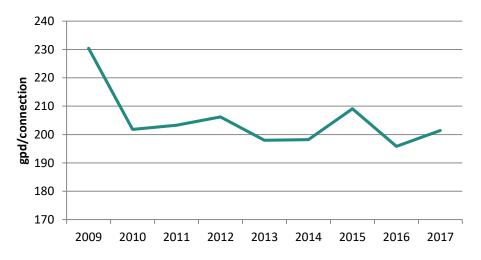
Demand Side Goal – Reduce Unit Use by 1%

Example: Single Family Residence 2007-2016



Goal being met except during dry/hot years due to outdoor water use.

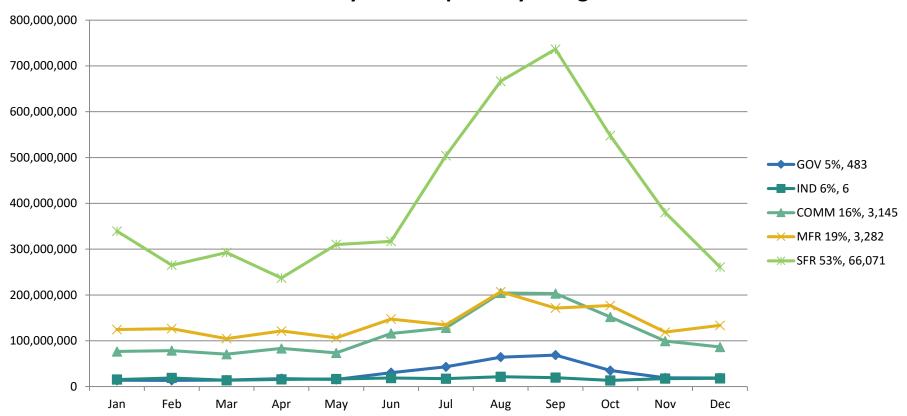
SFR Use Trend





Category Overview

Monthly Consumption by Categories

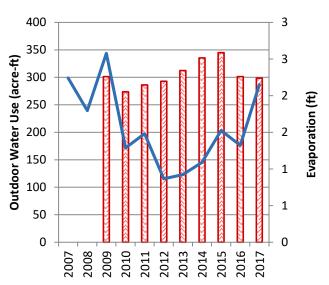




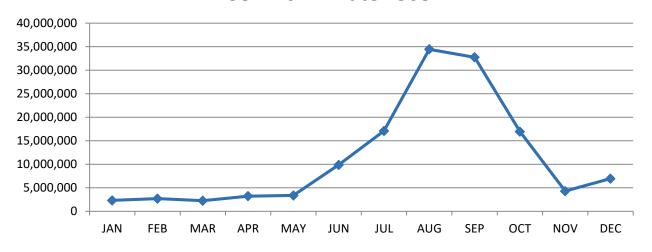
GOV – City of Vancouver



COV Outdoor Water Use



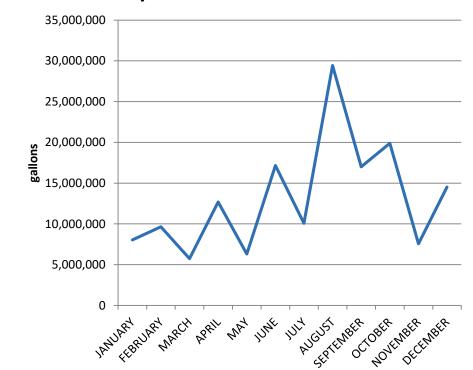
COV 2017 Water Use





Commercial - Outdoor Use in Top Users

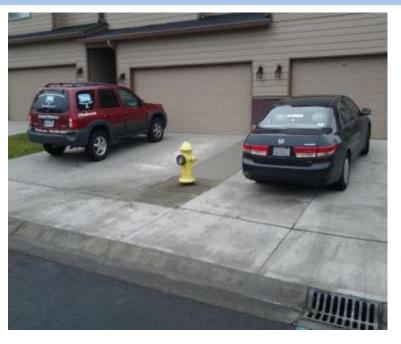
Top 10 Commercial Users



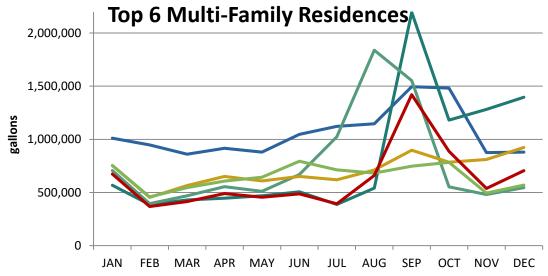




Multi-Family – Outdoor Use Dependent



16% use 2/3 of MFR consumption





Single Family Residence Lot Size - Locations



SFR greater than 1.0 acre

SFR between 0.5 and 1.0 acre





