RETHINKING:

WASTED. WATER. TO WATER. RECYCLING.

IN WASHINGTON & OREGON

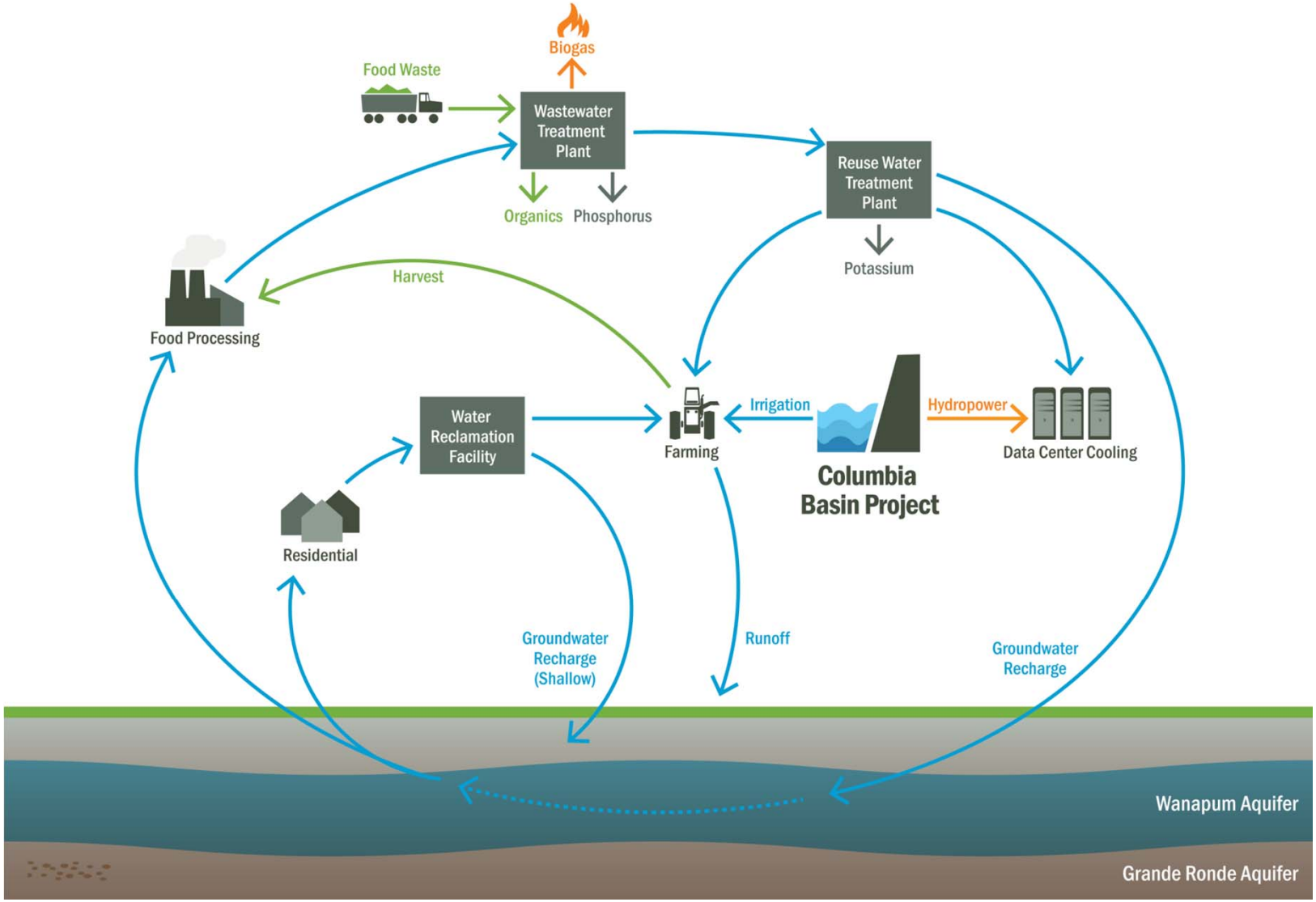
WATEREUSE
PACIFIC NORTHWEST

Washington

- Ecology rule-making
  - June 22, 2015 public comment starts
- State-wide drought emergency
- Water Supply Forum Central Puget Sound resiliency project
- ≥29 RW facilities

Woodland Creek Groundwater Recharge Facility, Lacey, WA

- Subsurface infiltration beds
- Mitigation for future water rights
- Site required to remain parkland



City of Quincy, WA

- Economic development – Data center cooling
- Pursuing Aquifer Storage and Recovery

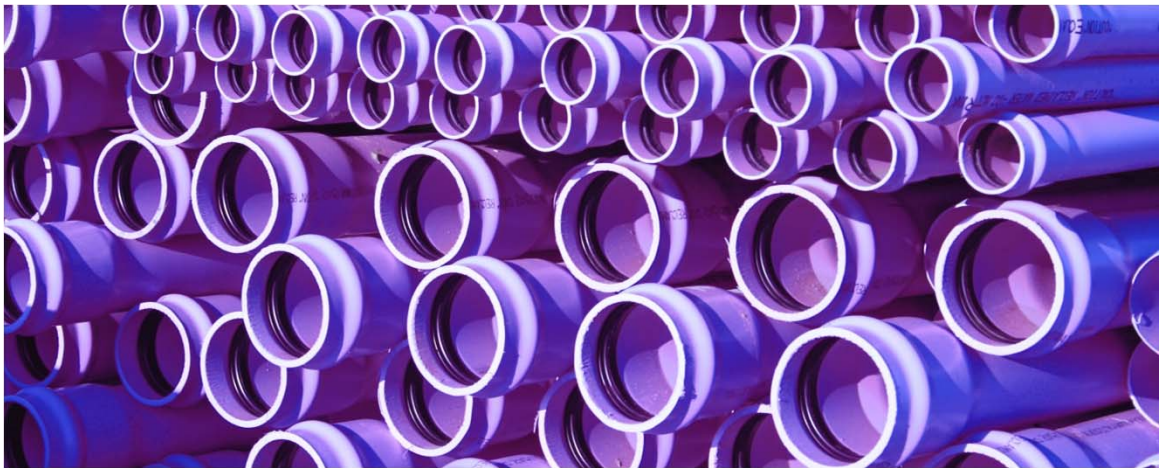
East Bay Public Plaza,

LOTT Clean Water Alliance, Olympia, WA

- Outside Children's Museum
- Permitted as wading pool

Oregon

- >120 Recycled water programs
- Drivers:
  - allocated streams
  - increased demand
  - climate change
  - discharge limitations
- Thermal load limits in the Willamette River



City of Hermiston, OR

- Irrigation canal combined use
- More water for farmers
- City meets outfall temperature limits

Fernhill Natural Treatment Wetland, OR

- Plant establishment @ treatment wetland
- This summer winter wheat & silage irrigation

Biocyle Farm
Metro. WW Management Commission, OR

- 88,000 poplar trees
- Recycled water and biosolids use

Clean Water Services
Portland, Oregon

- Bending the perception of our water
- Beer Making Competition

The Future

- Proactive planning
- One water view
- Continued mixture of water recycling solutions
- Share & learn from one another

"I wish we could do it faster," Mark Cowin, director of California's Department of Water Resources, said in an interview. "I wish we would have started decades ago." – Seattle Times, "As drought squeezes California, thirsty crops still being planted" April 5, 2015

September 13-16, 2015

Early Bird Registration until July 17th