

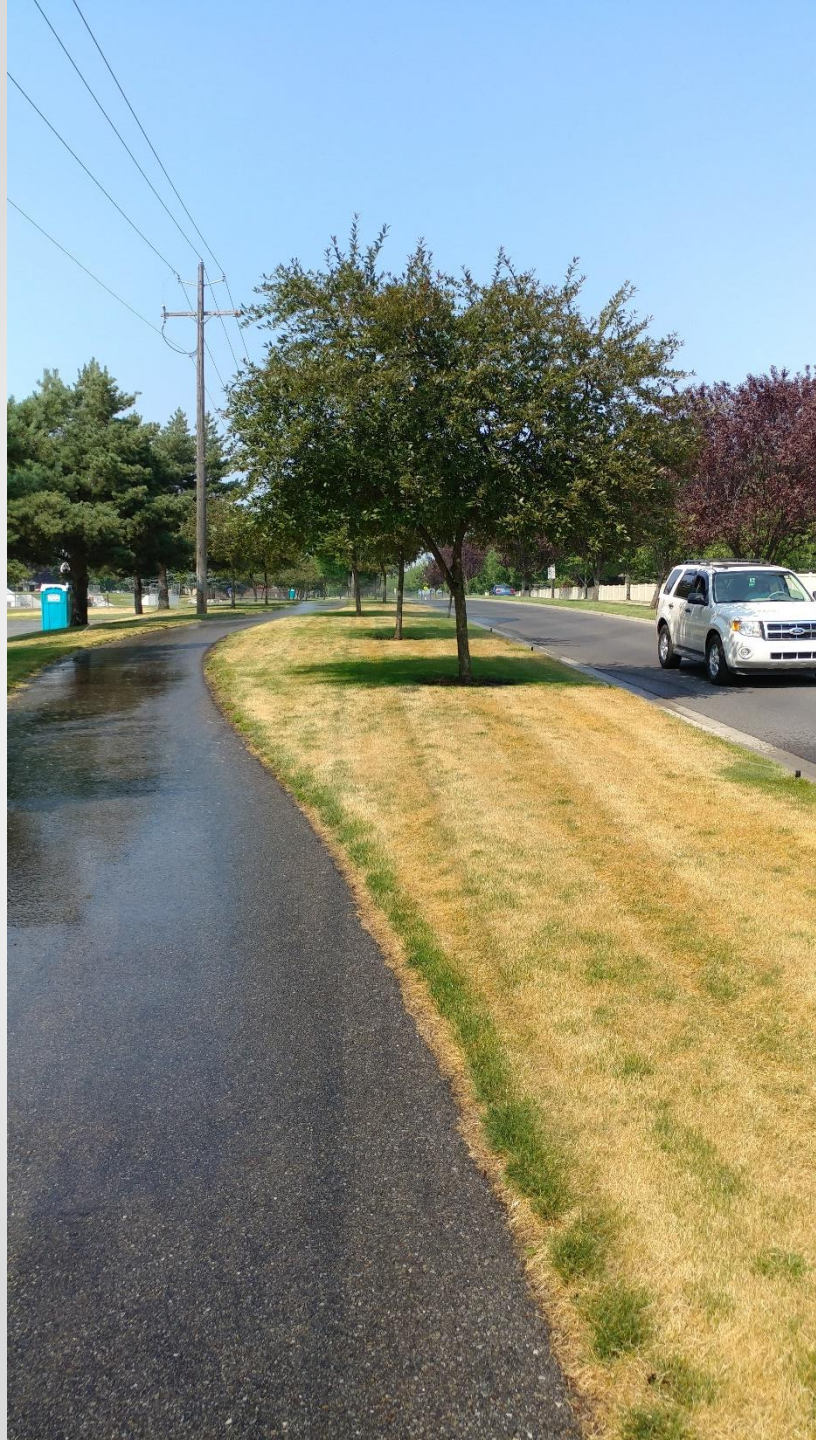
Irrigation Design Standards



Idaho-Washington Aquifer Collaborative
Spokane River Forum
November 15, 2017

IWAC Mission

- The purpose of the Idaho Washington Aquifer Collaborative (IWAC) is to work together to maintain and/or enhance water quality and quantity for present and future generations by developing management strategies which benefit the Spokane Valley-Rathdrum Prairie Aquifer and the Spokane River region. IWAC will facilitate regional dialogues and studies that result in recommendations for policy directions and shared stewardship of the Aquifer and the Spokane River, in a collaborative manner.





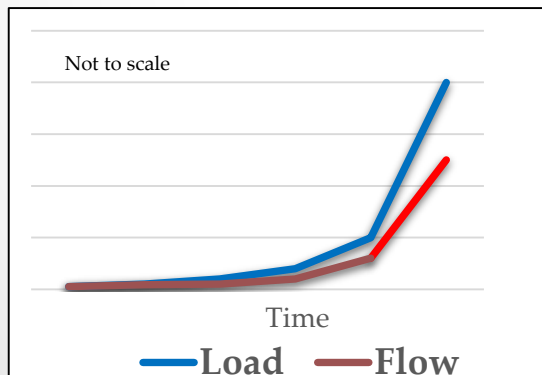


Confounding issues

- Low Area Base Rates: \$10.45 – \$32.33
~1,000 cu.ft (7,480 gal.) per month/single-residence
- Nationwide average annual outdoor usage = 50%
- SVRP average annual outdoor usage = 60-70%
 - Why the difference?
E.WA & N.ID are technically arid during the growing season.
- Irr. installers are job driven, not efficiency driven
 - Seasonal Workers; more installs = more \$\$\$
- Homeowner repairs...go to the store, get what is available.
 - Not Ideal

Post Falls Water Efficiency Examples

- Restricting watering hours from 12-6 pm has substantially decreased water usage during the summer months.
 - This ordinance has had the greatest impact on water efficiency, reducing evaporation losses in the heat of the day.



With continued growth in Post Falls, pounds of loading to the WRF has increased but flow has not had the same increase per person. This is attributed to the continued installation of residential water-efficient appliances.