

Secondary Water as a Conservation for Public Utilities Water Use

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Goals

A comparison of public utilities (PU) water use in households which have access to secondary water (SW) to those which do not in a study area of Salt Lake City.



Figure 1. Salt Lake City, Utah 2013. Photo Credit: Jeffery Josephson

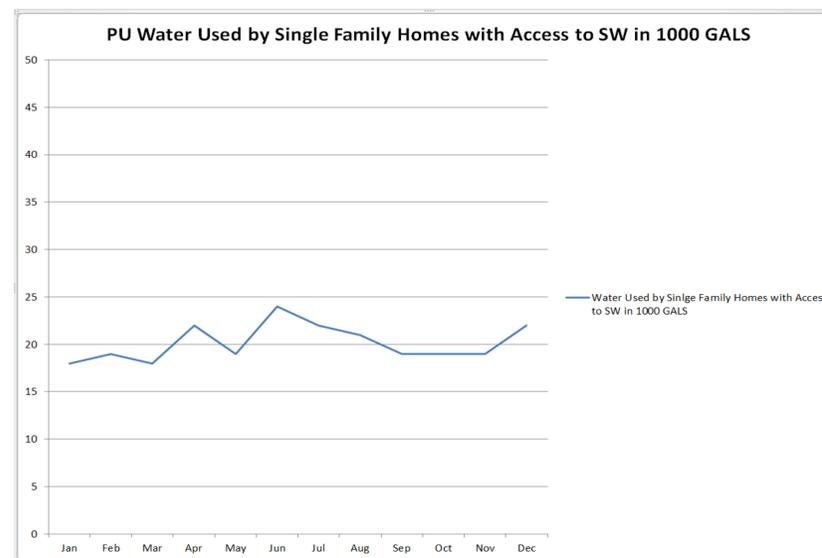
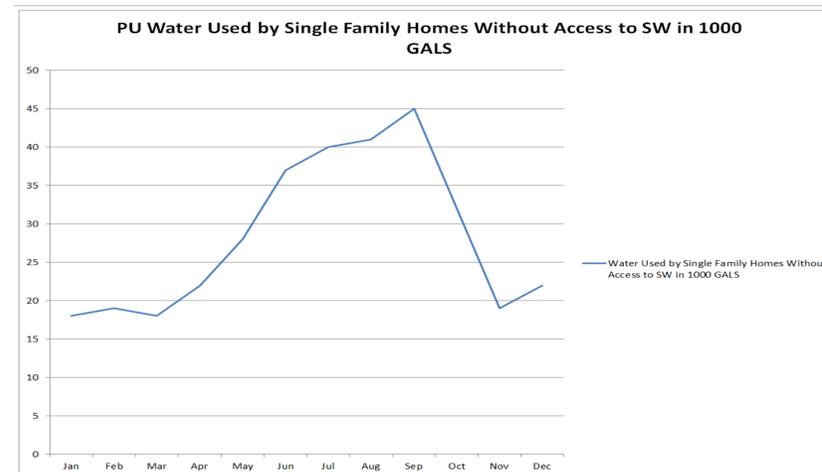
Figure 2. Sprinkler irrigation of a lawn in Salt Lake City, Utah. Credit: Jeffery Josephson

Figure 3. Secondary or creek water culvert Red Butte Creek, Salt Lake City, Utah. Credit: Jeffery Josephson

Figure 4. An unimproved irrigation ditch. Photo Credit: Cache Valley Irrigation District

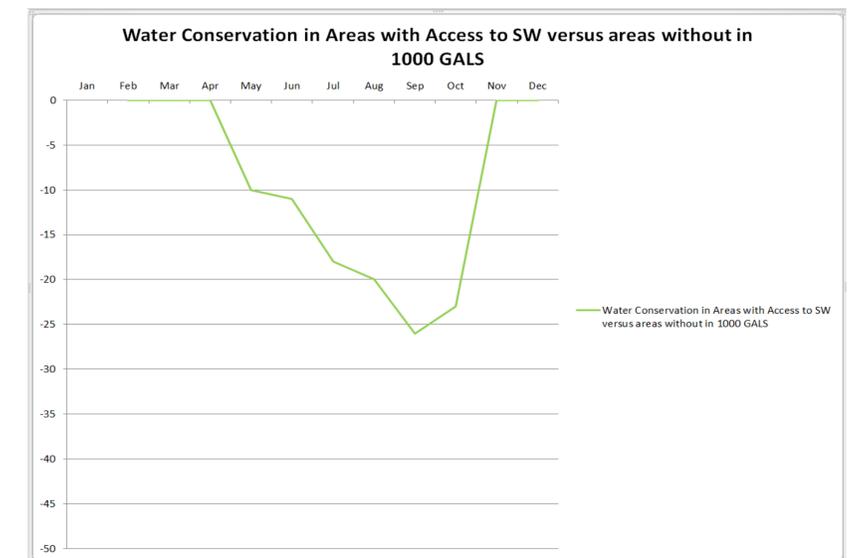
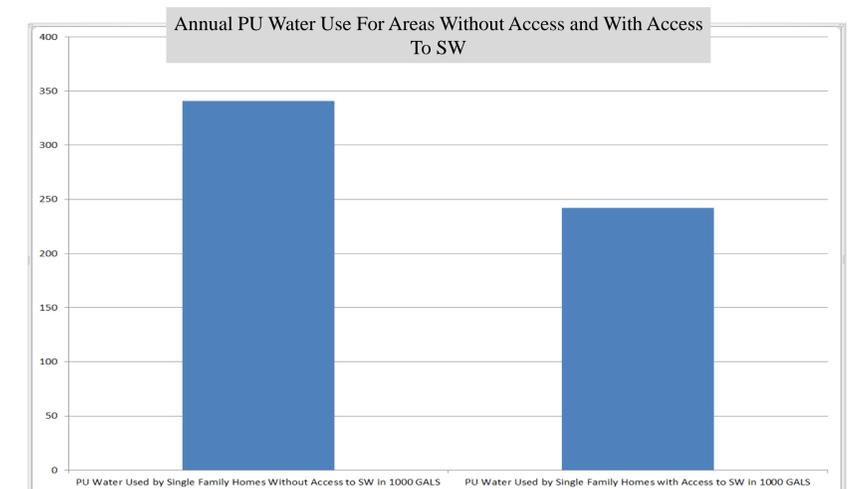
Methodology

Hypothesized comparison between areas with and without access to secondary water by digitizing SW irrigation culverts and identifying adjacent parcels. All metrics are mean for the area.



Anticipated Results

I anticipate a significantly lower summertime PU water use in areas which have access to SW when compared to areas without access to PU. All metrics are mean for the area.



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