

# Our Water System

Our water system is owned and operated by the Horsham Water and Sewer Authority. HWSA is an independent governmental unit which works closely with the Horsham Township Council.

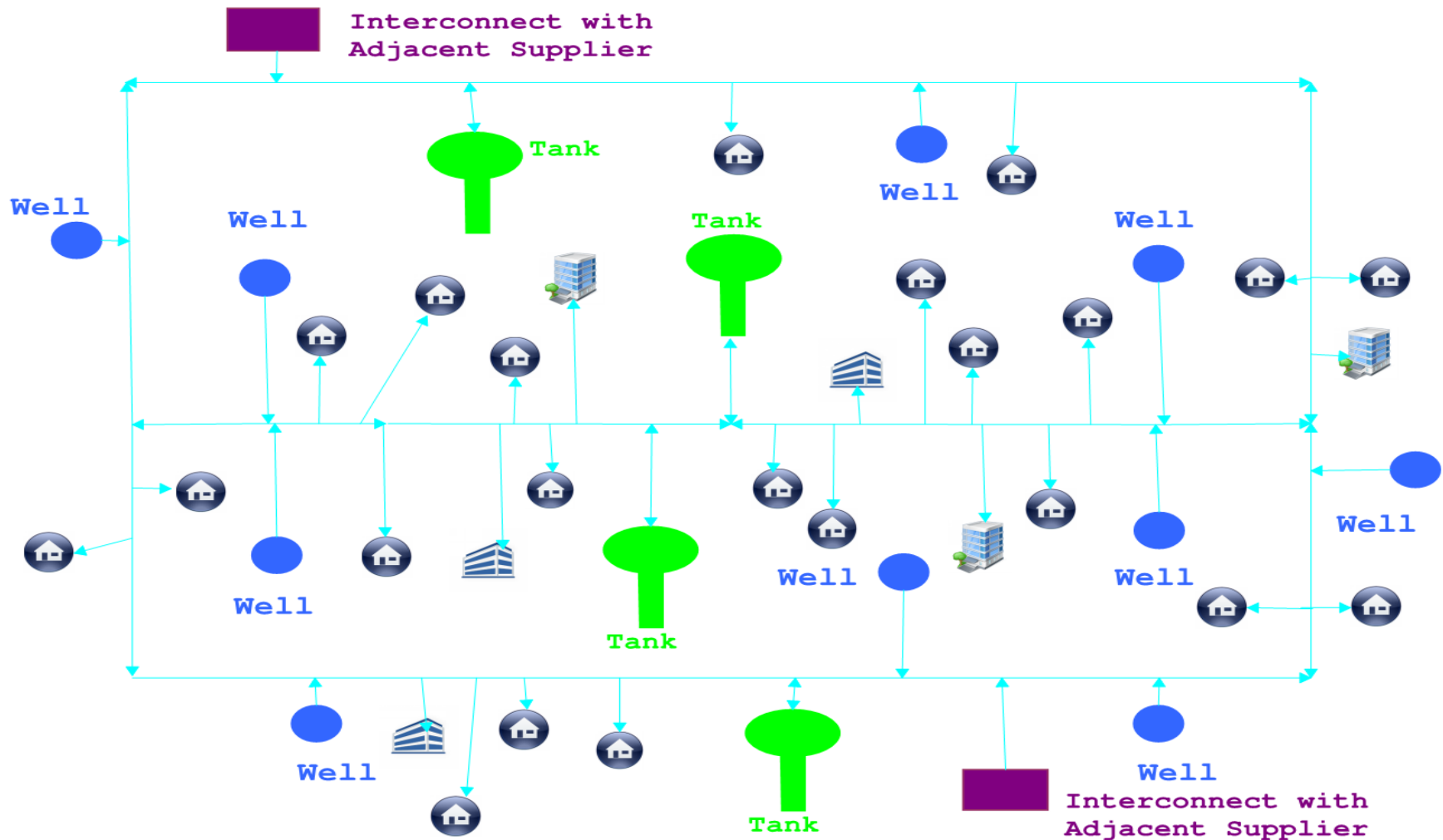
Our water system is a combination of wells which pump water from deep under the ground (ground water) and water which is purchased from other water entities. Purchased water is often water from reservoirs and rivers which is treated before being distributed (surface water).

## Current sources of our drinking water:

- 15 HWSA groundwater wells- 9 of which are in use.
- 400,000 gallon per day (under a contract which allows us to purchase up to 800,000 gpd) of surface water from North Wales Water Authority which is treated at the Forest Park Treatment Plant.
- 400,000 gpd of surface and groundwater from Aqua Pennsylvania.

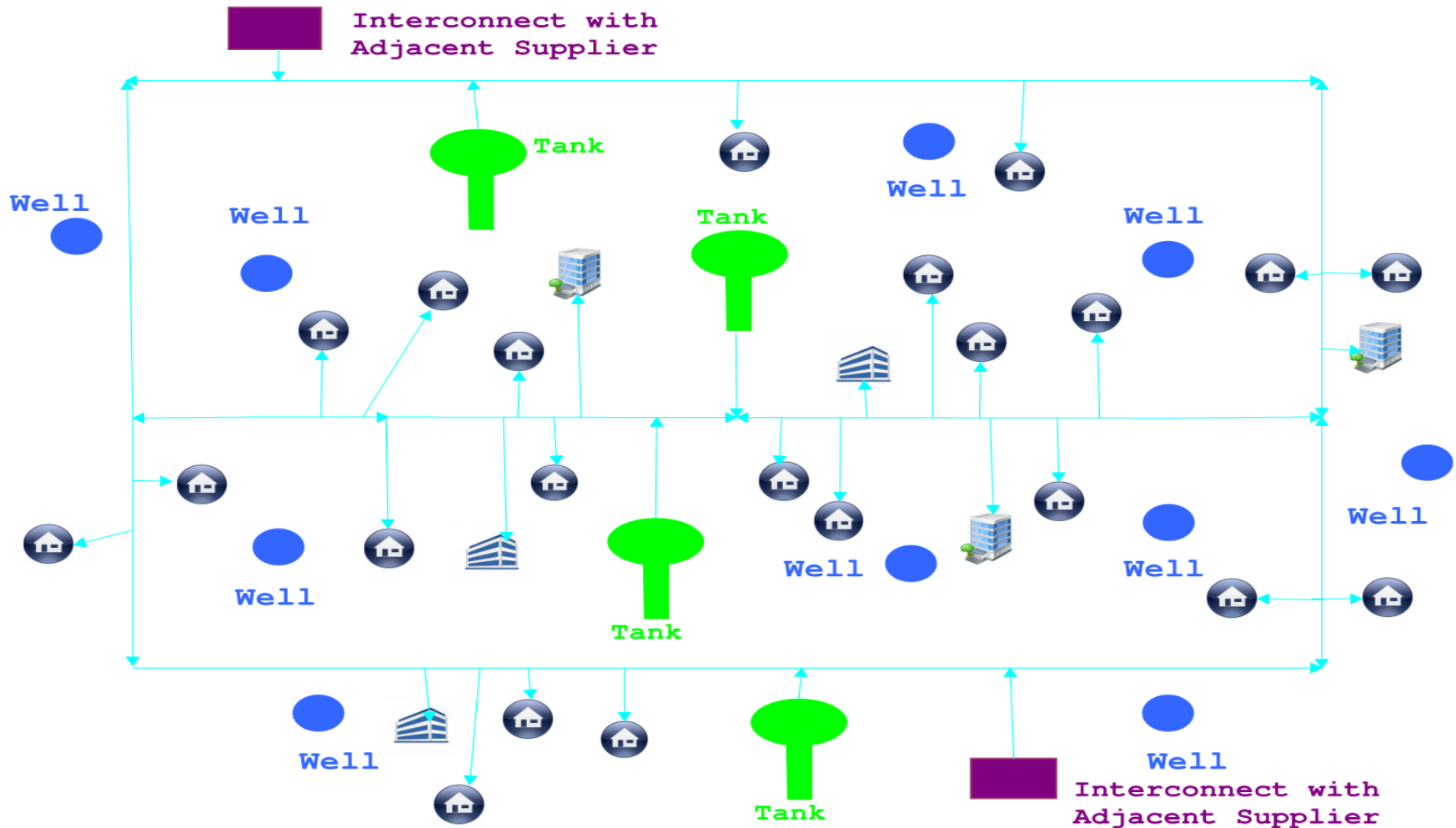
# How Our System Works

## Flows - Wells On



# How Our Water System Works

## Flows - Wells Off



# Point-of-Use (In Home) Filters

- EPA and PaDEP have not recommended any in-home filters as effective, however, EPA officials advise that in-home carbon filters have proven effective.
- In-home filters have not been certified because there is not sufficient data and testing specific to PFCs to provide homeowners with operation and maintenance guidelines. PFCs will accumulate in the carbon and the carbon needs to be replaced periodically.
- The Minnesota Department of Health performed a study of point-of-use filters and recommended 11 filters as effective. You may find it helpful to review the study at <http://www.health.state.mn.us/divs/eh/wells/waterquality/poudevicefinal.pdf>