

Our Story

During the summer months, water availability is not limited by the amount of water in our aquifers, but by our instantaneous water rights and storage facilities. This is only an issue during the hottest times of the summer. Using Peak Billing Period as a customer side goal will allow us to account for the hottest **days** of the year, thus keeping our well runtimes to 18 hours/day during an average summer which should ensure there is enough water even during the hottest summer.

We've separated the 25 Group A water systems into two groups based on water availability as it pertains to above ground infrastructure and instantaneous water rights.

Group 1

This group's well runtime is below 18 hours/day on the Peak Day and should remain under 18 hours/day even if all the available connections are sold. Therefore there is no additional need for conservation at this time.

Proposed goals for Group 1

1. Supply Side - Maintain district leakage values at or below 10% of system production as calculated on a 3 year average
2. Customer Side - Continue to maintain below the county wide average of 288 GPD/ERU

The intent of these goals is to adhere to the letter of the law, while not applying any unnecessary pressure on the District or the customers of these systems.

Group 2

The second group has been identified as either being expanding systems, or systems with ERU's still available that are either currently over 18 hours/day, or will be when all available connections are sold.

The systems identified as meeting the Group 2 criteria are as follows:

Systems	Connections
Indianola	703
Newberry Hill	76
North Bainbridge	1749
North Peninsula	5078
Vinland	1187

*Group 2 accounts for 8,793 connections or about 2/3 of our customers.

*Navy Yard Park is an exception to the Group 2 criteria and therefore resides in Group 1. While it meets the criteria to be classified in Group 2, lowering the loss from 39% to 10% will ensure the well runtime be below 18 hours/day even after all connections are sold.

Proposed Goals for Group 2

1. Supply Side – Maintain district leakage values at or below 10% of system production as calculated on a 3 year average
2. Customer Side – Reduce Peak Billing Period usage by 5% as calculated on a 3 year average

The intent of these goals is to be able to meet the demand of peak summer usage in our growing water systems while diminishing the need for additional source and/or storage.