Water: Content

- History/Brief Overview
- Current Conditions
- Environmental Study / Testing
- Results of Environmental Study / Testing
- Estimate
- Exploring Funding
Water: History / Brief Overview

- Water Master Plan, 2008
  - 1500 single family residences without public water infrastructure

- Waterline Extensions (Phase I and II)
  - Phase I completed Jan 2010 (323 homes, 77 fire hydrants)
    - Backbone System
  - Phase II completed Jan 2011 (242 homes, 53 fire hydrants)
    - Areas that overwhelmingly supported the project

- Funding Sources:
  - 2007-2009 State Grant $1,500,000
  - 2008-2011 County G.O.B. Funding $4,357,900

- Variances to Defer Connection
  - Variance to Defer Connection Granted till March 12, 2019, unless one of the following occurs:
    - Groundwater contamination;
    - Construction of new home (single or duplex);
    - Substantial improvements to home; or
    - Sale or transfer of property
Water: Current Conditions

- Status of Properties:
  - Total number of properties: **5694**
  - **4,365** Properties connected to water*
  - **586** Properties with no connection, but water available
  - **743** Properties with no water available (13%)

*93 homes have connected to existing water systems; and **86** have water service installed by Developers
Water: Environmental Study

- Potential for Well Water Contamination
  - Salt Water Intrusion above acceptable drinking water limit registered by USGS wells
  - Approximately half of the homes within the 743 could be affected
  - Village is conducting additional studies and testing
Water: Environmental Testing

- Well Installation and Water Sampling
  - 12 monitoring wells to be installed within the right-of-ways of the Village
  - Well sampling will take place every 6 months for a 2 year period to determine the extent and severity of the saltwater intrusion
  - Report of initial findings will be provided in September of 2018
Results of Environmental Testing

- Village will put County and State on Notice.
- May provide grant funding for those properties that have contaminated wells.
- May force County to install watermains, but not necessarily.
- Half of the homes may not be affected.
Water: Project Cost

- Estimated cost to provide public water infrastructure to remaining properties:
  $15 million*, Cost per linear foot - $150 per linear foot
  - Approximately 18.5 miles (98,000 LF) of waterline left
  - Approximately 208 hydrants left to install

- Other Costs to connect:
  - Plumber/WASA (water meter and impact fee) - $2500 to $5000 based on the complexity of the job
  - Village Permit Cost - $151.05
Water: Exploring Funding Options

- Special Assessment
- Ballots will be sent to the registered voters that reside at one of the 743 homes (pending environmental study)
- 743 Homes - 20 year financing:
- Approx. $1,200 / year/ household
Q and A