

## John Kendal Line Extension Request

John Kendal owns two lots, 915 273<sup>rd</sup> Lane. Mr. Kendal has requested a water service for his lots. We do not have a water line contiguous to his lots.

Chapter 7 of NBWD's Water System Plan, Page 7-5, States:

*Main Sizing. Water mains shall be sized to provide adequate domestic and fire flows at the required residual pressure. Fire flow minimum requirements are ultimately determined by the Pacific County Fire Marshal or Peninsula Fire District No. 1 and may be modified based upon an approved fire sprinkler plan for the development.*

*NBWD shall be consulted as to the size of the water main. In general, the minimum size main that will be allowed to serve the development is 6-inch diameter, unless otherwise approved. Larger size mains are required in specific areas outlined in the Water System Plan. Nothing shall preclude NBWD from requiring the installation of a larger sized main in areas not addressed in the Plan, if NBWD determines that a larger size is needed to meet fire protection requirements or for future service.*

*Dead-end mains shall not be permitted unless specifically approved, and the distribution system to a development shall be interconnected so that pressures throughout the system will tend to become equalized under varying rates and locations of demand. If a dead end main is approved by NBWD, the main shall be extended to the farthest boundary of the development and a valved 2-inch diameter minimum blow off shall be provided. It is not the intent to set arbitrary standards with regard to pipe sizes and layout; therefore, in special situations where it can be shown that domestic supply requirements and fire protection requirements can be met at existing and anticipated future pressures, NBWD will consider each design on its individual merits.*

The I would like the Board to approve the line extension to be 2-inch C-900 PVC pipe with a 1.5" blow off on the end of the extension. Using the existing pipe size makes the most sense for the particular extension.

