**Perry Road Pump Station and System Settings**

Perry Road Pump Station is three (3) seven-hundred horsepower pumps that operate off a preset discharge pressure. Two pumps are needed with the third pump for onsite redundancy. Each pump is equipped a variable frequency drives. The logic/controls for this site increase/decrease pump speeds and/or activates/inactivates second pump based upon preset discharge pressure. Normal pressure settings are at 70 – 75 psi. A maximum of two pumps are needed during peak periods (i.e. summer flows). Perry Road Pump Station operates with a single pump during low demand periods (i.e. winter months).

**North Booster Pump Station and Settings**

North Booster Pump Station is a four (4) one-hundred fifty horsepower pumps that operate off a preset discharge pressure or tank level for North Tank. Two pumps are needed with the third pump for redundancy. A fourth pump was recently installed to make this a three pump operation with fourth pump for redundancy to accommodate future growth. Each pump is equipped a variable frequency drives. The logic/controls for this site increase/decrease pump speeds and/or activates/inactivates second/third pump based upon preset discharge pressures or tank levels. Normal pressure settings are at 70 – 75 psi. A maximum of three pumps are needed during peak periods (i.e. summer flows). North Booster Pump Station operates with a single pump during low demand periods (i.e. winter months).