

EXHIBIT B - Map and Plan Description of Proposed Water District No. 5

As a result of a detailed investigation of groundwater resources available to the New Paltz community, a plentiful and high quality water supply source was identified at 101 Plains Road (the Roehrs Construction permitted Gravel Mine). This water supply source was tested and determined to be of ample capacity and appropriate quality to supply a portion of the water needs of the Village of New Paltz as a backup water supply during the planned Catskill Aqueduct maintenance shutdown. To develop this water supply source, a recommendation was made in the Water Supply Investigation's 2014 Final Report to develop the water source in accordance with all NYS Department of Environmental Conservation and NYS Department of Health regulatory requirements, and to establish a water district in the Plains Road area of the Town. The development of a permanent water supply would ensure a continuous, safe public water supply to the residents within the proposed water district. The development of the water district would also mitigate any impacts that the use of the 101 Plains Road wellsite might impose on nearby individual wells during scheduled aqueduct maintenance shutdown periods when a backup water supply would require increased water supply usage.

During periods of the aqueduct maintenance shutdown, the maximum withdrawal rate will be no more than 400 gallons per minute. This 400 gallon per minute withdrawal rate was proven safe and accepted by the NYS Department of Conservation throughout the 10-week maximum duration shutdown period following their agency's thorough review of all the well testing data. During non-shutdown water district usage, the rate of water withdrawal needed to supply water district users is estimated to be 20 gallons per minute.

The map on Exhibit A indicates the boundaries of the proposed Town Water District No. 5, the proposed wells, the water treatment facility, and the water distribution mains planned to be installed in the public road right-of-ways within the proposed water district. The proposed water district will serve 86 properties within its boundaries. Water services to individual homes within the water district will be connected to the water distribution mains that will be located in the road right-of-ways. Fire hydrants will be installed in the proposed water district to improve area fire protection. The cost of all improvements within the proposed water district boundary has been preliminarily estimated to be \$2,375,000. The cost of all the above described improvements will be reimbursed to the Town as described in an Intergovernmental Agreement between the Town and the NYC Department of Environmental Protection (DEP). Accordingly, the proposed water district will be a "no cost improvement district" to the district residents, with all planning, design, acquisition and construction costs reimbursed by the DEP.

Although the details of the water district's design has not yet been completed, the operation and maintenance of the proposed water district has been estimated to cost the average user \$18 per month, based on a 3 bedroom home with average usage of 200 gallons per day. The estimates of the water district's operation and maintenance costs were based on industry standard costs for this type of groundwater source and supply public water system. The proposed water system will be operated under the strict requirements of the NYS Department of Health, including regular water quality testing and monitoring. Water use rates will be reviewed on an annual basis and adjusted when required by the Town Board to ensure that water district expenses correlate with water district revenues.