

**NEW PALTZ
BACKUP COMMUNITY WATER SUPPLY PROJECT**

**PHASE III –
Proposed Next Steps Required
for Implementation**

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Our Purpose -- To provide Information to Update the Community on the Water Project's Proposed Next Steps –

- Introductions
- Information on the Project's Needs and Benefits
- Information on the Project's Chosen Water Supply Elements
- Information on the What is Required in this Project Phase prior to Implementation:
 - Environmental review, Permitting and Design, Water District Formation
- Information on the Benefits and Costs of a Public Water Supply
- Information on the Process Used to Establish the Proposed Water Districts
- Q&A

Water Project's Needs and Benefits

The Need –

- **REGIONAL** - NYCDEP's Catskill Aqueduct Water Supply Aqueduct Maintenance Requirements
- **LOCAL** – Develop Alternative Backup Water Supply Sources that will provide water to the New Paltz community in time for at least the three (2017, 2018 and 2019) Catskill Aqueduct scheduled maintenance shutdowns that will begin in March 2017.

The Benefit –

- Potential long term alternative water supply that will not require local funding for implementation and can be operated at a lower cost to the benefit of its customers

Scope of the Community Water Supply Project

- **Village Elements –**
 1. Reservoir and minor Water Treatment Plant rehabilitation to enhance the operation of the Reservoirs as an improved water supply source
 2. Develop a Water Demand Management Plan to identify operational improvements and a water conservation plan to reduce overall use
- **Town Elements –**
 1. Develop the Roehrs Wellsite property for use as a Groundwater Source
 2. Develop the Plessner Wellsite property for use as a Groundwater Source

Steps Necessary to Prepare to Implement the Water Project

- (SEQRA) Environmental Review
- Project Permitting and Design
- Water District Formation (per NYS Town Law requirements)

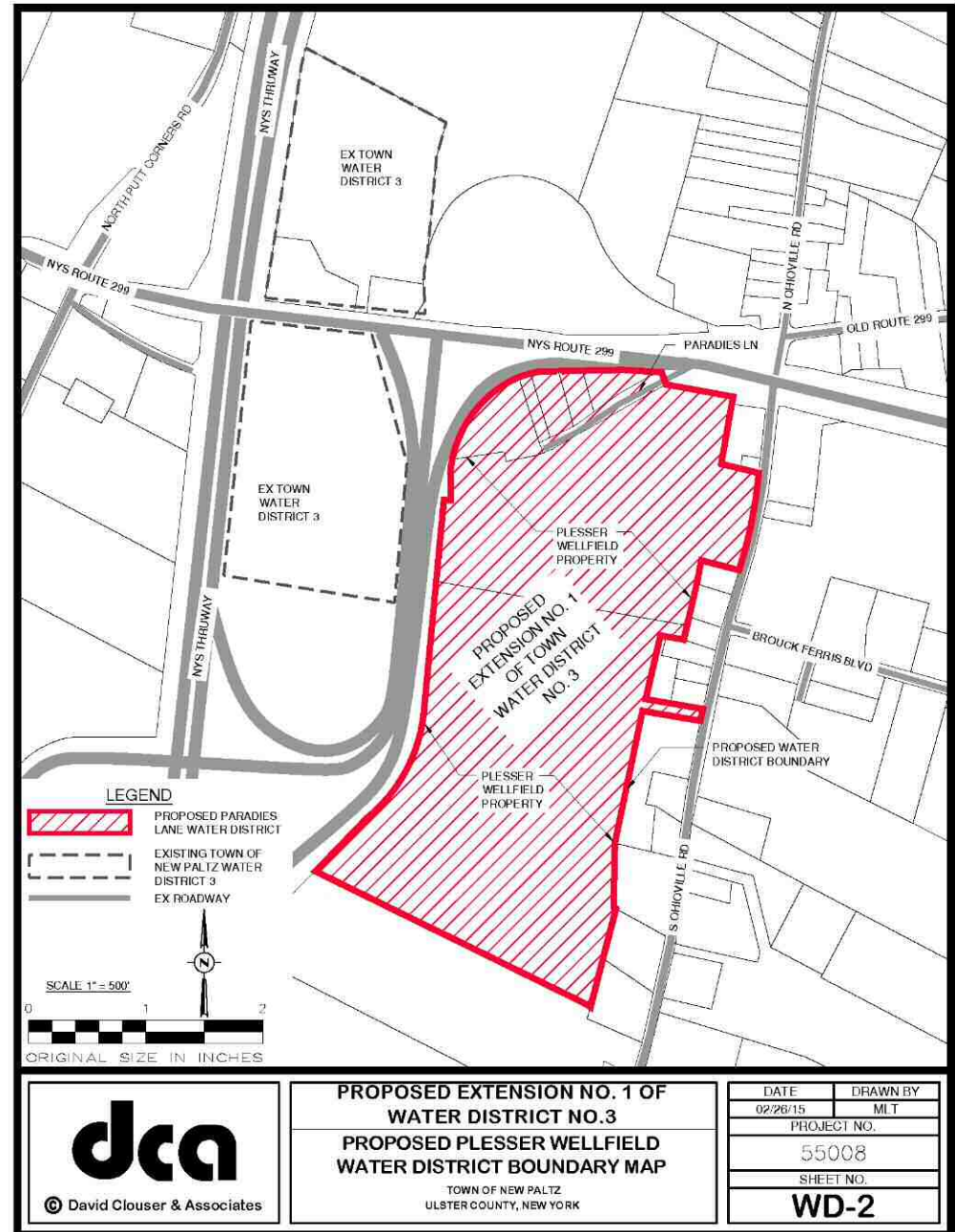
Note: The available time to implement these requires that these steps must be undertaken concurrently.

Proposed Water Project Schedule –

- Phase III Planning and Environmental Review, Design and Permitting must be completed and ready to solicit public bids by November 2015
- Phase IV Construction of all Water District improvements, infrastructure connections and Reservoir Improvements must be complete by December 2016
- First Shutdown is scheduled for March 2017

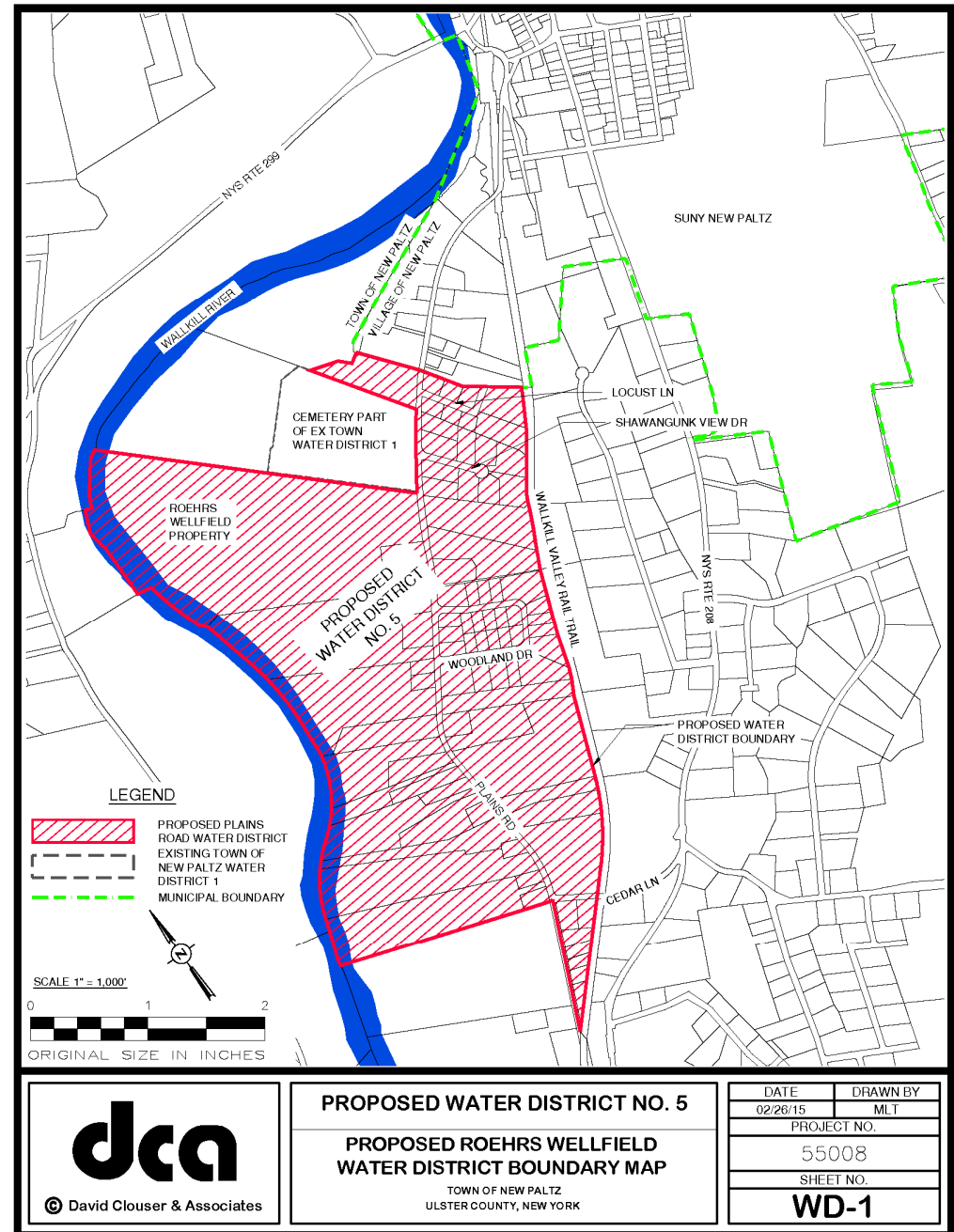
Proposed Extension No.1 to Town Water District No. 3

- Yield during the 10-week Shutdown – up to 100+ GPM excess capacity available (~ 35 gpm use required to supply this proposed Water District when not in a shutdown period)
- The Proposed Water District will be connected to the Town and Village Water Systems to insure water service reliability
- Water District Boundaries: Plesser and Paradies Lane properties

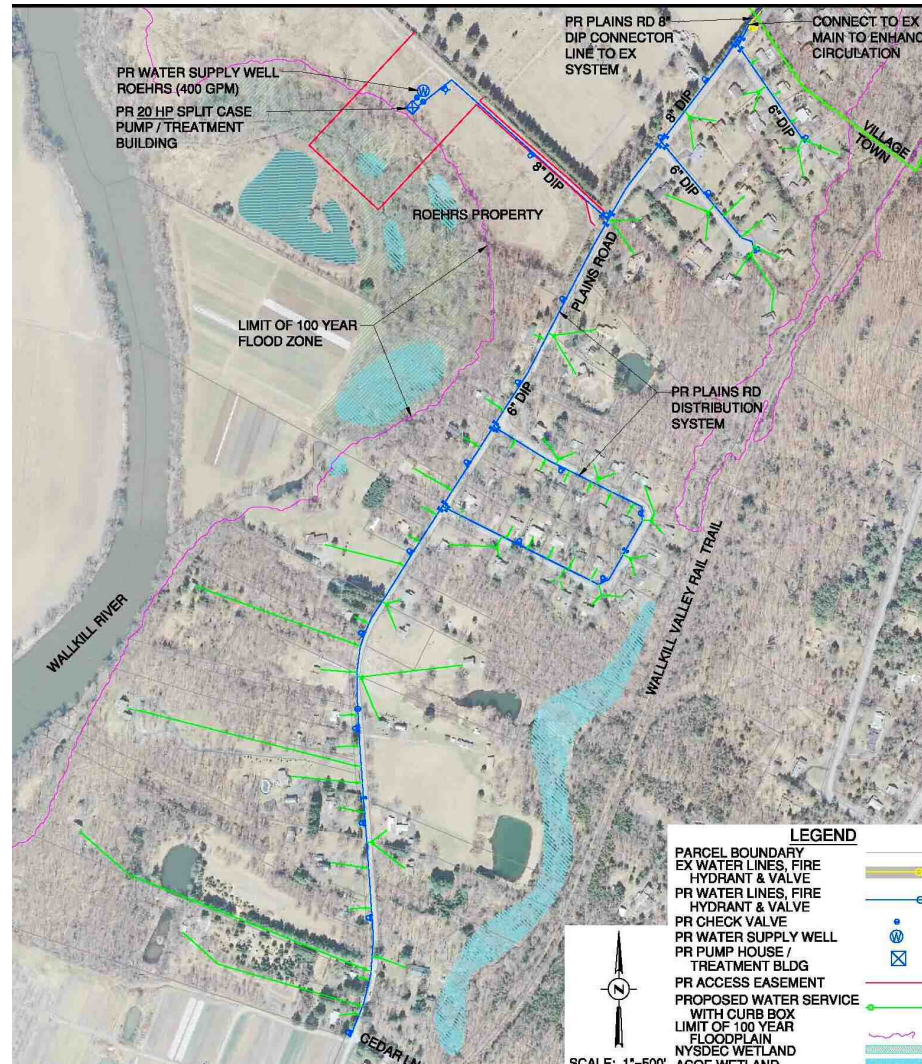


Proposed Town Water District No. 5

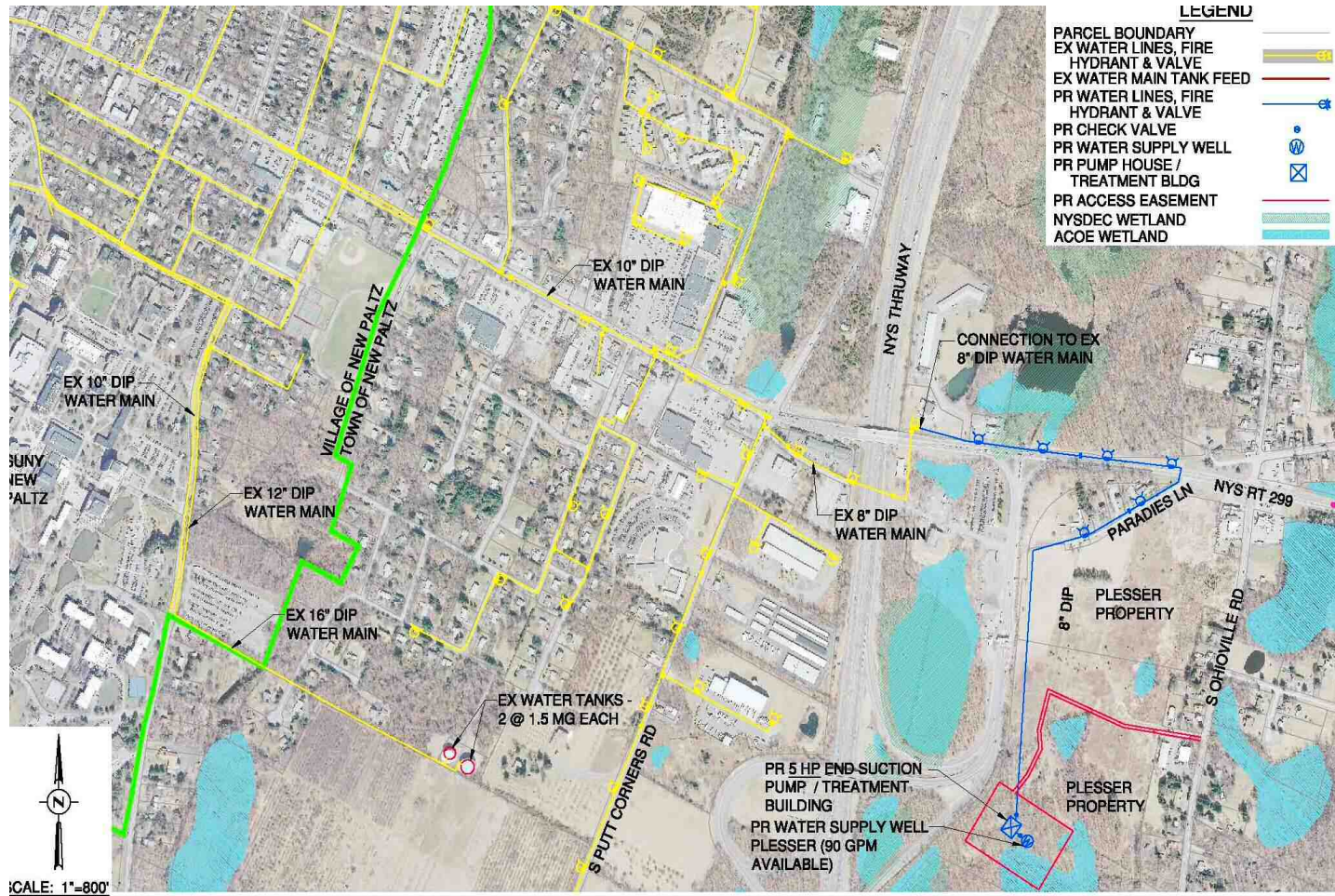
- Yield during 10-week Shutdowns = up to 300 to 400 GPM (~ 20 gpm use required to supply this proposed Water District when not in a shutdown period)
- The Proposed Water District will be connected to the Village Water System to insure water service reliability
- Water District Boundaries: Areas along Plains Road from the Village south to Cedar Lane, and including Locust Lane, Shawangunk View Drive, and Woodland Drive



Plains Road Area Proposed Public Water Improvements



Plessers Well Field Required Water Improvements



Some Benefits of a Public Water Supply

1. Water Quality = Safe Water Supply – Meets All State and Federal Drinking Water Standards,
 - NO NEED FOR ANY TREATMENT SYSTEMS AND THEIR COST TO MAINTAIN, including water softening
 - NO SULPHUR ODOR
 - NO BOTTLED WATER SERVICE
2. Uniform Pressure and Service – WATER SERVICE REMAINS ON WHEN THE POWER IS OUT
3. Avoids the cost for the replacement of well equipment (pump, pressure tank, filter, etc.) or the Well
4. Reduced Homeowner's Insurance Cost due to enhanced fire protection
5. Easier to Sell Home
6. Property acquisition will provide Open Space vs. new development

Anticipated Costs

- NO CONNECTION COSTS to the Homeowner
- REDUCED COSTS for WATER USE, due to:
 - No District Capital Cost requiring Bonding and Payback through Special Assessments
 - Low Operation and Maintenance Costs will be reflected in Reduced Water Rates

Water District Formation Process

A Water District must be established through a Resolution of the Town Board, according to a formal process prescribed in NYS Town Law

A Map, Plan and Report must be prepared that defines the district boundaries and estimates the average user cost per year

A Public Hearing is Required

The Process is subject to a Permissive Referendum

We invite your questions

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**The Town of New Paltz appreciates your
interest and participation in this Project.**