

## Meeting Minutes

June 12<sup>th</sup> 2019

### Attendees:

Rick Young- Town of Dryden  
Chris Clauson- Town of Dryden  
Steve Riddle – Bolton Point  
Gregg Weatherby- Bolton Point  
Joe Slater- Town of Ithaca  
Dan Thaete- Town of Ithaca  
David Herrick- T. G. Miller P.C.  
Dondi Harner- T. G. Miller P.C.  
Frank Santelli- T.G. Miller P.C.

## Water

1. Apple Orchard PRV
  - a. Exhibit D- Capacity Analysis
    - i. Capacity in 8” main at Game Farm Rd. (high point) ~1,250 gpm at 35 psi residual (1.800 MGD)
    - ii. From this capacity, deduct fire flow allowance of 750 gpm at Game Farm Rd.
    - iii. Proposed allocation to Town of Dryden 350 gpm (0.504 MGD)
    - iv. Proposed allocation to Town of Ithaca 150 gpm (0.216 MGD)(3-yr Avg use= 0.007 MGD)  
[Proposed methodology and allocation seemed reasonable to everyone. TGM to work with Dryden to provide a detail summary for Exhibit D.](#)
  - b. Dryden is considering upsizing the water main along Dryden Road to provide additional fire flow within Varna.  
[TGM and Dryden to review needed fire flow requirements and projected growth within Dryden. Any system improvements on the jointly used system will be coordinated with Town of Ithaca and Bolton Point.](#)
  - c. Bolton Point is willing to provide fire flow to Town of Dryden through Apple Orchard Connection.  
[Bolton Point agreed they will supply Dryden with fire flow storage through Commission transmission main and E. Hill Tank. TGM and Dryden to coordinate system upgrades to Apple Orchard PRV and review with Town of Ithaca and Bolton Point.](#)
2. Freese Rd. PRV
  - a. Dryden to have access to the Freese Rd. PRV for emergency source of domestic supply.  
[Town of Ithaca agreed to allow Town of Dryden to use Freese Road PRV as an emergency backup source but not to rely on the connection when determining needed fire flow. TGM will review Freese Rd. PRV pressure settings with Bolton Point and Town of Ithaca.](#)

## **Sewer**

1. Varna Pump Station Capacity
  - a. Pump station is nearing its capacity with current sewer loading and Inflow and Infiltration.
  - b. Pump station upgrades are planned for 2019 to replace the aging forcemain and pumping system. Estimated pump station discharge to be 750-800 GPM.  
[The existing Monkey Run Sewer Agreement between Dryden and Cornell University stipulates a maximum flow of 535 gpm.](#)
2. Town Inflow and Infiltration Study
  - a. Install a new flow meter at the Varna pump station to record flow rates to better assess and track I&I.  
[Steve Riddle mentioned Bolton Point is willing to manage sewer flow meter data. Dryden to consider providing communication link to Bolton Point system for new meter installation.](#)
  - b. Phase 1 -Initiate study in spring of 2019 to identify source of I&I and methods to reduce it.
  - c. Phase 2- Implement system repairs and sewer main replacement as needed. 2019-2022
3. Renew Cornell/Dryden sewer agreement
4. Joint Sewer Interceptor Agreement- TOD considered TOI Customer  
[Town of Ithaca noted that existing sewer agreements for Peregrine Way and Sapsucker Woods are currently under renewal.](#)