

**RESOLUTION REQUIRING ADDITIONAL OBSERVATION WELLS  
FOR THE TOWN OF STERLING'S 72-HOUR DRAWDOWN TEST IN THE VILLAGE WELLFIELD**

**WHEREAS** the Village of Fair Haven, NY (the "Village") owns a public wellfield located outside of the boundaries of the Village and within the Town of Sterling (the "Town"); and

**WHEREAS** the Village wellfield is the sole source of public water for residents and businesses within the Village; and for Town residents within Water District No 3 in the Town of Sterling; and for residents in the Ingersoll Drive Service Area within the Town of Wolcott through the Wayne County Water and Sewer Authority; and also, for the Fair Haven Beach State Park; and

**WHEREAS** the Village wishes to encourage gathering accurate data regarding its wellfield in order to properly manage and protect it; and

**WHEREAS** the Town wishes to drill a Town-owned well in the Village wellfield, and plans to conduct a 72-hour pumping drawdown test to determine the safe yield of the proposed well; and

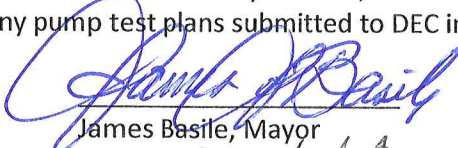
**WHEREAS** the New York Rural Water Association (NYRWA), which supplies hydrogeologic consulting services to both the Village and the Town, has recommended in a document entitled "*Comments on Preliminary Hydrogeological Report & Large Diameter Well Development and Testing Plan for Well #3*" (delivered July 1, 2022) that four (4) specific nearby privately owned wells be monitored during the pumping test (reference p. 7 of previously cited NYRWA document); and

**WHEREAS** NYRWA also recommends that the owners of the off-site wells be contacted to determine if monitoring of well water levels is agreeable and feasible; and

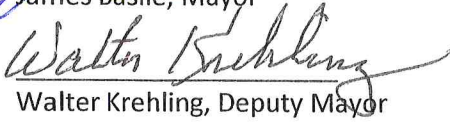
**WHEREAS** NYRWA also recommends that the location of off-site wells to be monitored be surveyed; that the elevation of measuring points determined; and that the pumping test plan be revised accordingly prior to submittal to NY State Department of Environmental Conservation (NYSDEC) and NY State Department of Health (NYSDOH).

**NOW, THEREFORE BE IT RESOLVED BY THE VILLAGE BOARD OF TRUSTEES THAT:**

The Village requires the Town to move forward with contacting landowners regarding permission for the observation wells recommended by NYRWA, and document in writing the results of those contacts. The Village further requires that any pump test plans submitted to DEC include specific locations and elevations of the off-site observation wells.

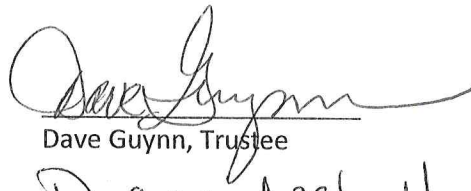


James Basile, Mayor

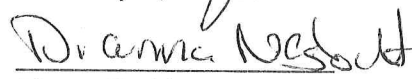


Walter Krehling, Deputy Mayor

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Judy Dunaway, Trustee



Dave Guynn, Trustee



Dianna Nesbitt, Trustee

Date: 7/11/22  
WITNESS:



Alia Kavar, Village Clerk



**RESOLUTION CONCERNING EXPANDED WATERSHED AREA**

**WHEREAS** the Village of Fair Haven, NY (the “Village”) owns a public wellfield located outside of the boundaries of the Village and within the Town of Sterling (the “Town”); and

**WHEREAS** the Village wellfield is the sole source of public water for residents and businesses within the Village; and for Town residents within Water District No 3 in the Town of Sterling; and for residents in the Ingersoll Drive Service Area within the Town of Wolcott through the Wayne County Water and Sewer Authority; and also, for the Fair Haven Beach State Park; and

**WHEREAS** the Village has an abiding interest in the publication of accurate data regarding its wellfield as a basis for its proper management and protection; and

**WHEREAS** the Town wishes to drill a Town-owned well in the Village wellfield, and plans to conduct a 72-hour pumping drawdown test to determine the safe yield of the proposed well; and

**WHEREAS** the New York Rural Water Association (NYRWA), which supplies hydrogeologic consulting services to both the Village and the Town, has submitted comments that raise concerns about the “Expanded Watershed Area” depicted in Figure 15 on page 20 of the Town consulting engineers’ (C2AE/ HydroSource’ s) *Preliminary Hydrogeological Report & Large Diameter Well Development and Testing Plan for Well #3*” (reference “*Comments on Preliminary Hydrogeological Report & Large Diameter Well Development and Testing Plan for Well #3, NYRWA*); and

**WHEREAS** the above-cited NYRWA comments written by hydrogeologist Steven Winkley specifically state:

*“Given my mapping of the local aquifers in this area (Figure 2) based upon compiled well data, the local surficial geology, and the bedrock topography, I think extension of the watershed southward to that shown in Figure 15 of HydroSource’ s report and testing plan is not justified. In relatively shallow glacial aquifers such as in the Fair Haven/Sterling area, surface topography is generally a good predictor of the groundwater (water table) topography. However, it is conceivable that the groundwater divide separating northwestward flow towards the supply wells may not coincide precisely with the topographic divide situated near Simmons Road. I agree with HydroSource that “it is reasonable to expect that the wellfield may capture groundwater from an area larger than the confines of the topographically defined watershed.”*


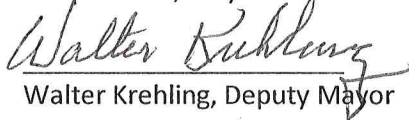
Realistically, the groundwater divide may extend some unknown distance southward to perhaps the area of Sterling Station and/or Cosgrove Roads. However, the much more extensive regional contribution area drawn by HydroSource is simply not supported by available surficial geology and water well data. More information on the aquifer’s depth,


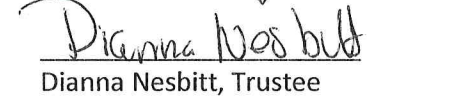
areal extent, geometry, and hydrology are necessary to support the expanded watershed delineated by HydroSource on Figure 15 of their report and testing plan.”; and

**WHEREAS** the Village is concerned that safe yield calculations based on this Extended Watershed Area are of questionable accuracy due to the lack of underlying supportive data;

**NOW, THEREFORE BE IT RESOLVED BY THE VILLAGE BOARD OF TRUSTEES THAT:**

The Village requires removal of any maps of Extended Watershed Areas and accompanying text from any hydrogeology reports produced by the Town that are related to the Village wellfield, unless or until the requisite underlying information on aquifer depth, areal extent, geometry and hydrology are available to support such mapping and analysis.

  
James Basile, Mayor  
  
Walter Krehling, Deputy Mayor

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Judy Dunaway, Trustee  
  
Dave Guynn, Trustee  
  
Dianna Nesbitt, Trustee

Date: 7/11/22

WITNESS

  
Alia Kawa, Village Clerk