

Enfield Well Survey Results NYSDOH Water Well Sampling Program

Steven Winkley, P.G.

New York Rural Water Association
(NYRWA)

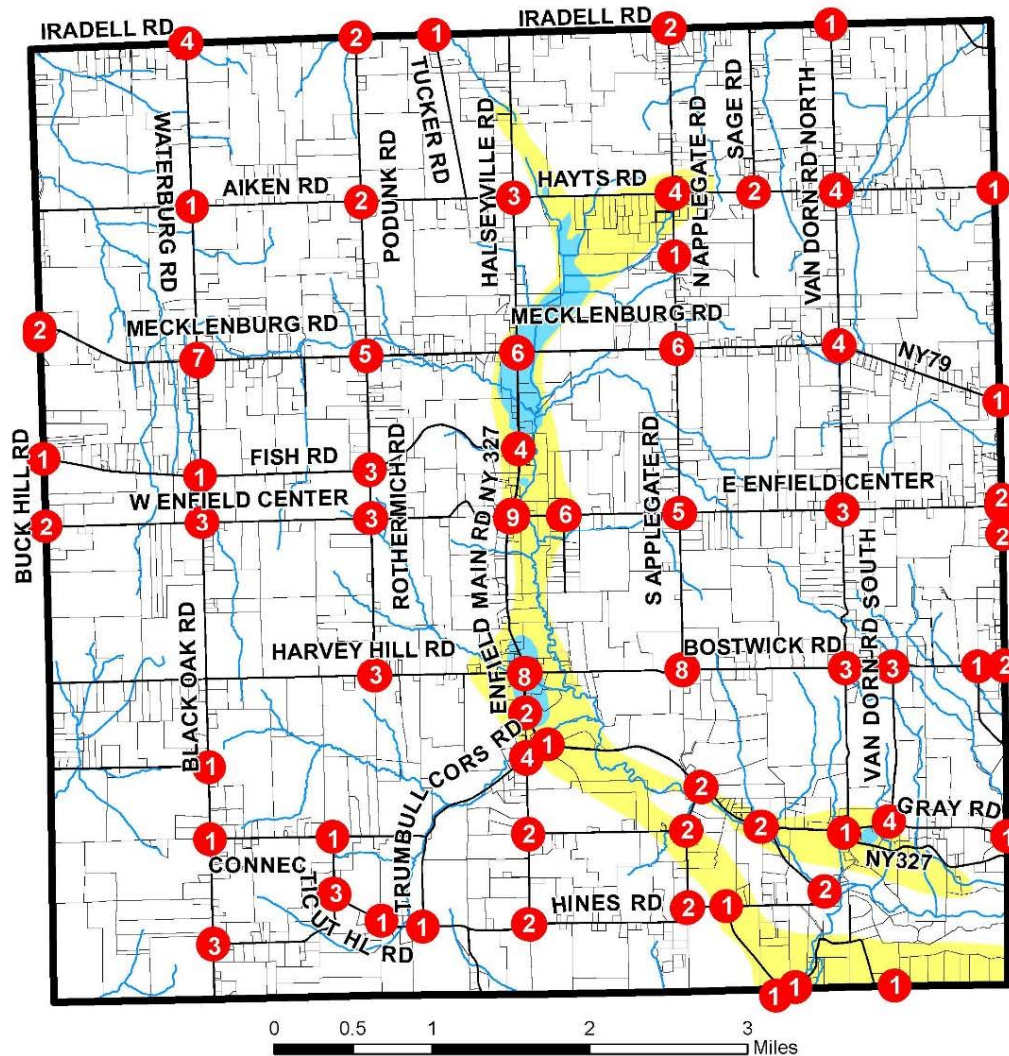


Water Well Survey

- Conducted from Feb. 10 – March 28 largely online.
- Survey was confidential with only the nearest road intersection given.
- 190 responses received. 164 were complete.



Water Well Survey Responses



Legend

Survey Response Location (with no. near intersection)



Enfield Aquifer Type

Unconfined

Confined

Parcel Boundary

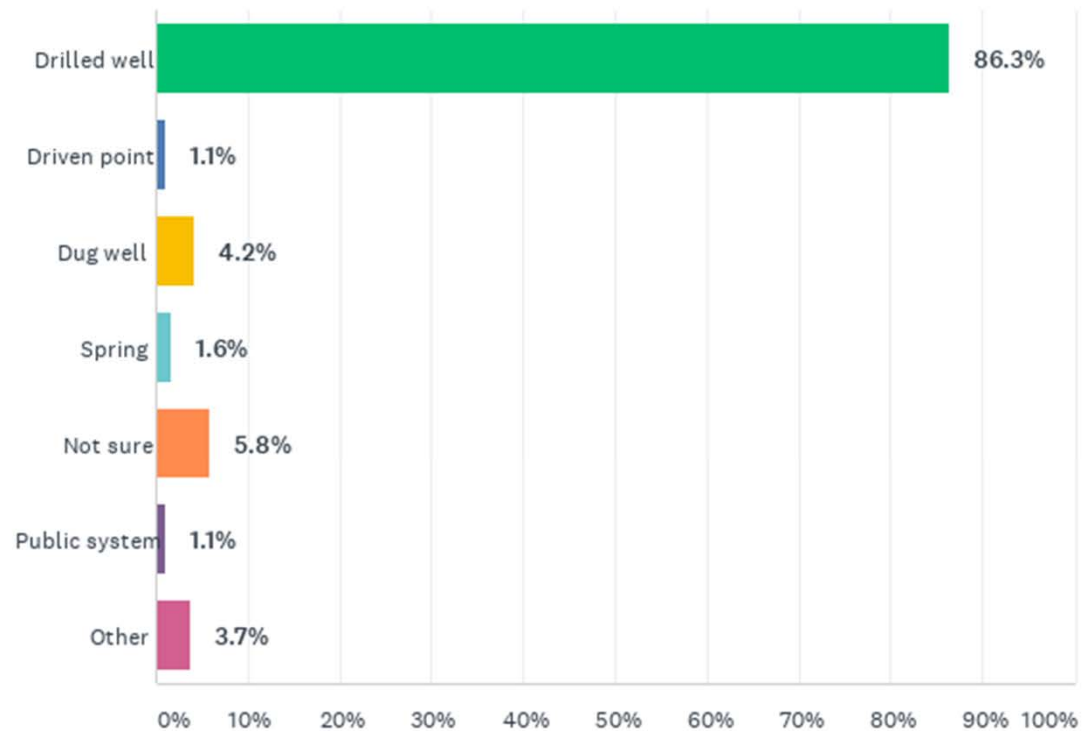
Stream



Town of Enfield Well Survey Response Locations (Nearest Intersection)

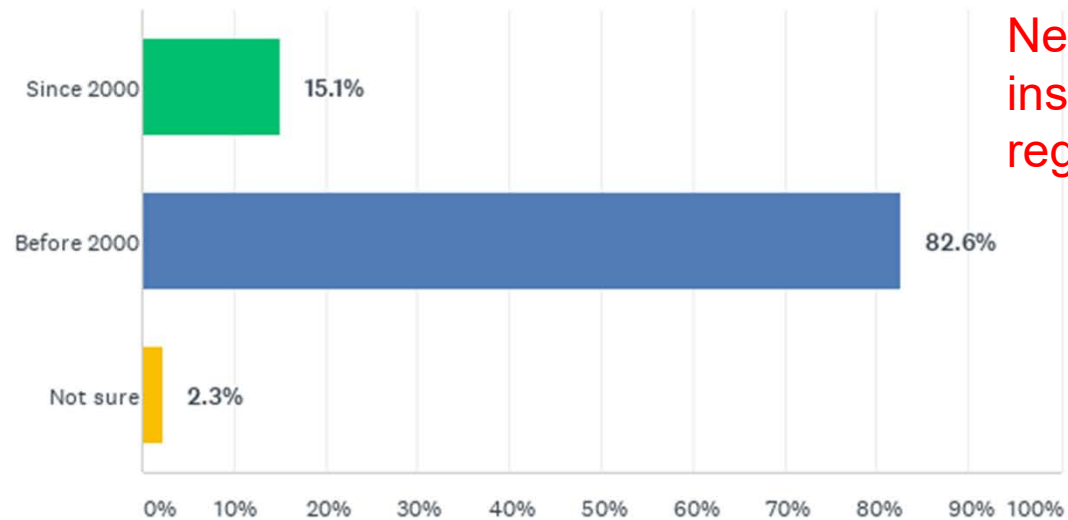
Source of Water

Q2 What is the source of water supply at your residence, business, and/or farm?



Age of Supply

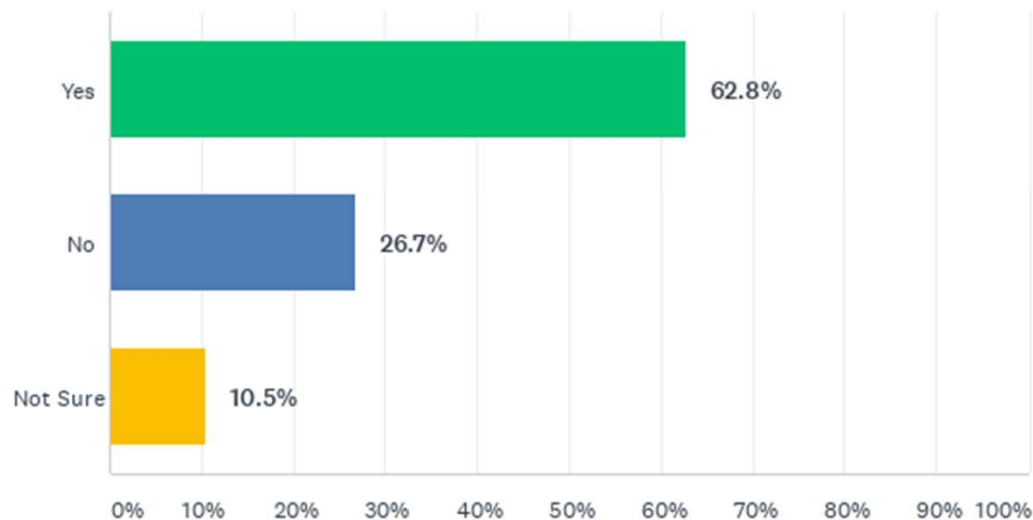
Q3 When was your well or spring installed?



New York State
instituted water well
regulations after 2000

Well Testing

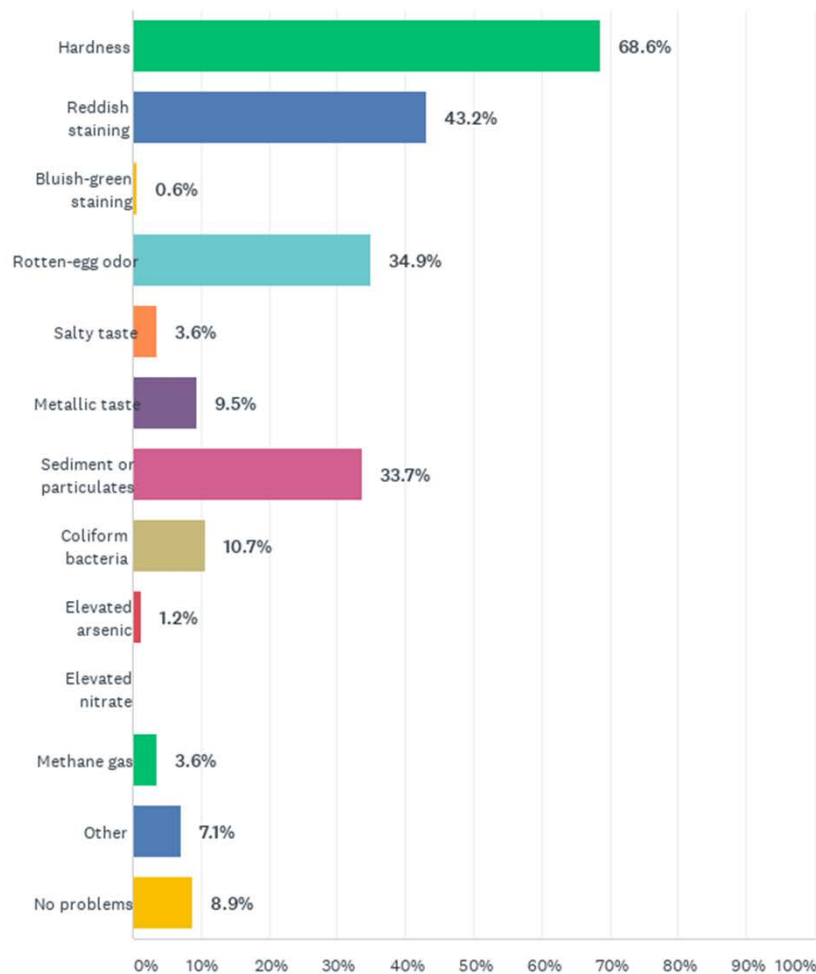
Q4 Have you ever had your well tested?



- 76 individuals disclosed some results
- 115 respondents indicated they are interested in free NYSDOH water well testing and supplied a contact email address.

Self-Reported Water Quality Issues

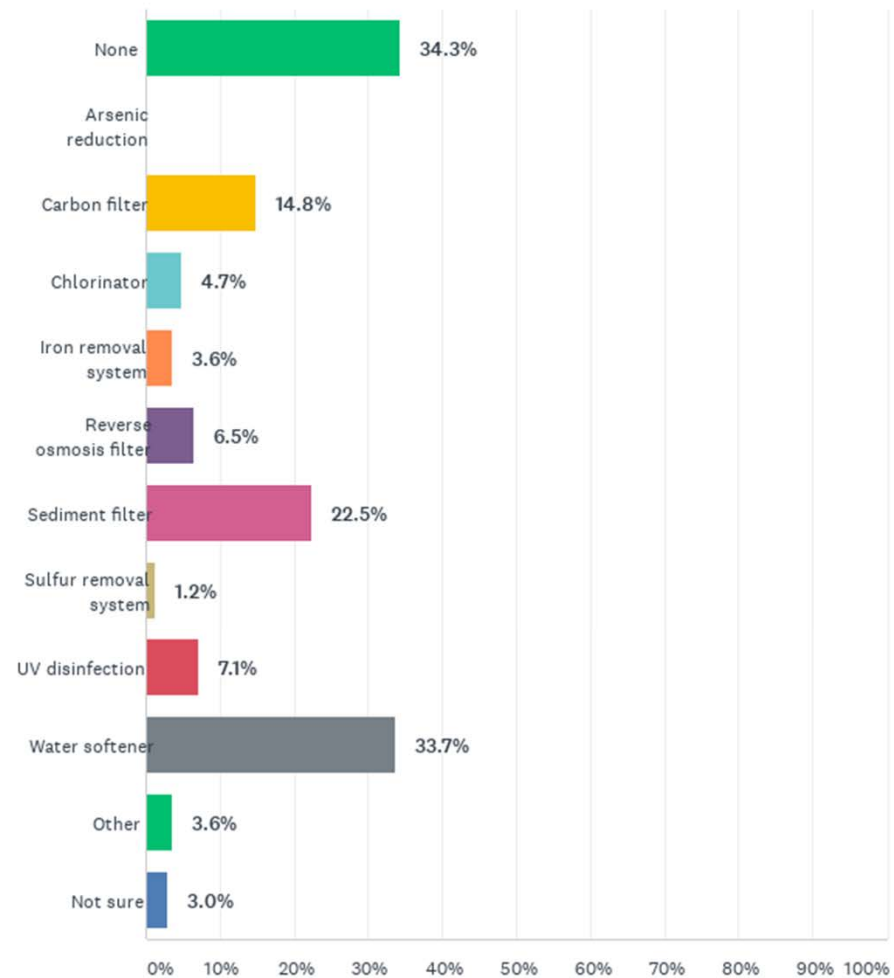
Q7 Have you ever had any of the following quality issues with your water supply (before or after installation of any water treatment devices)?



- 11% Had Coliform Bacteria
- None Had Elevated Nitrate – Good News!

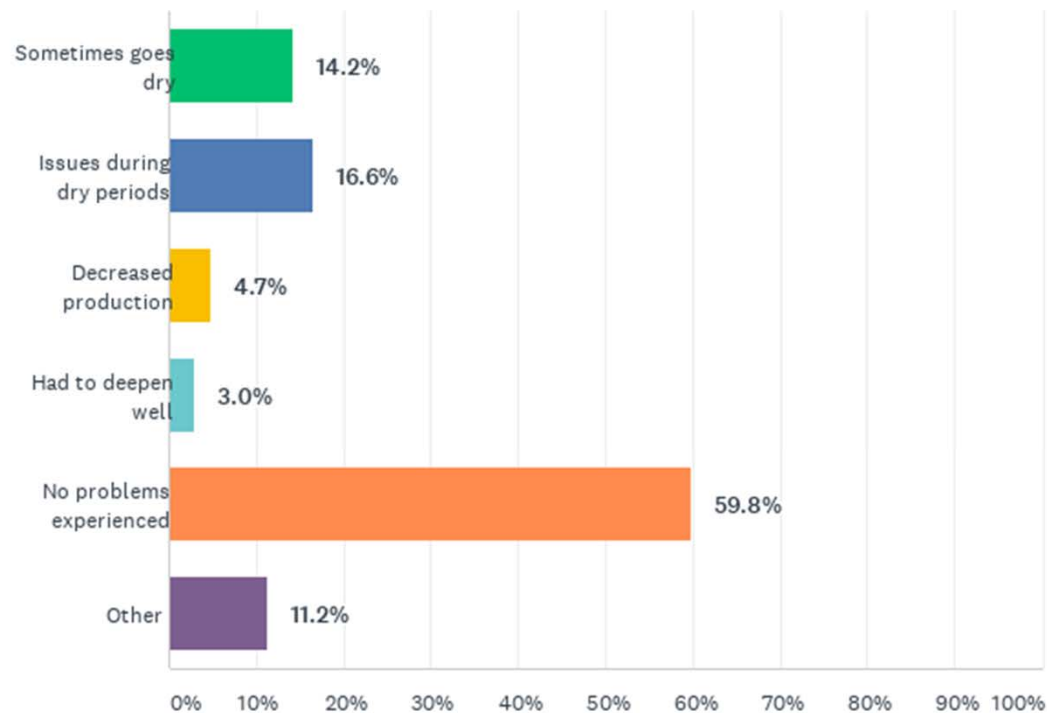
Water Treatment Devices

Q8 Do you utilize any of the following water treatment devices?



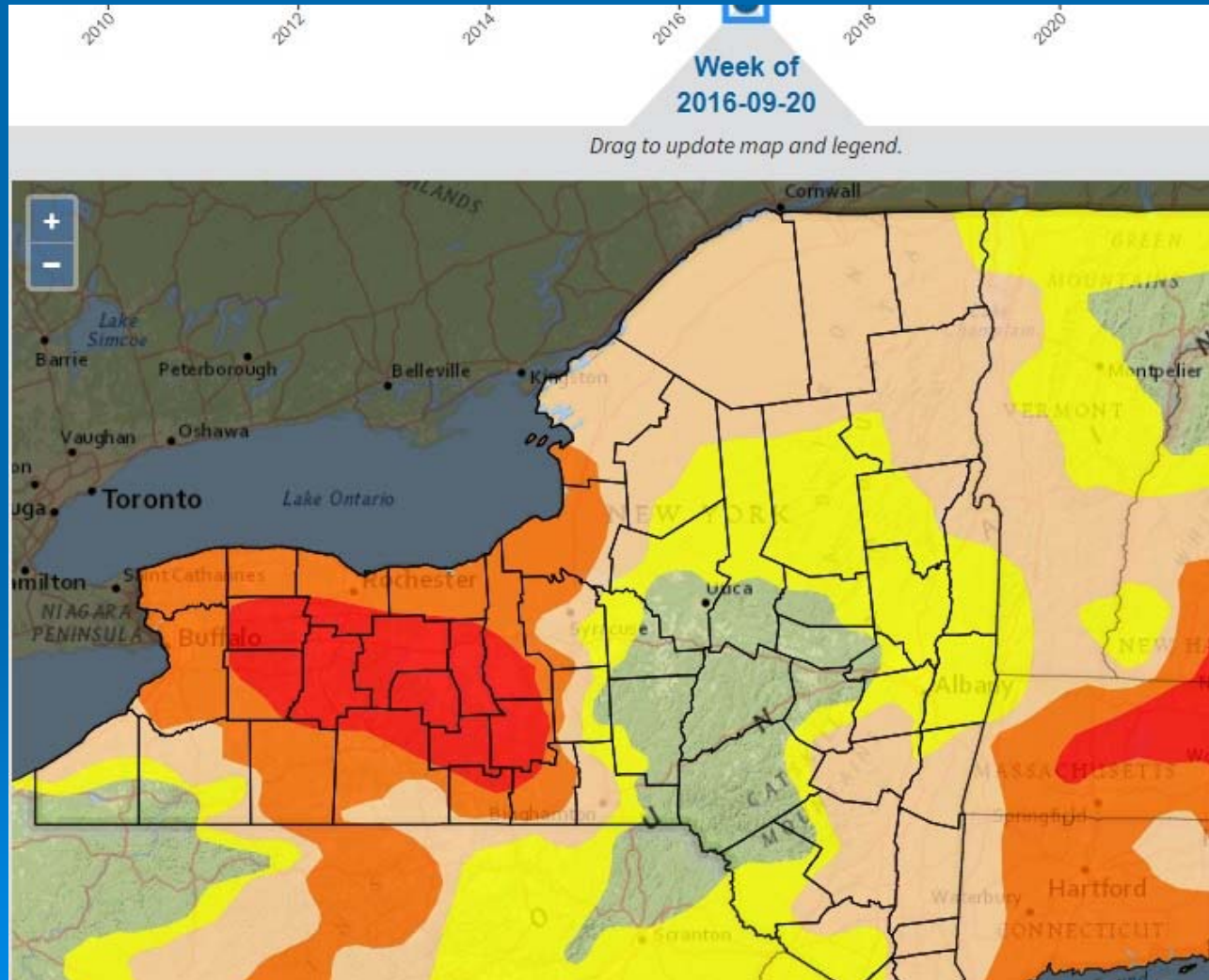
Water Quantity

Q9 Have you experienced any of the following water quantity issues with your well?

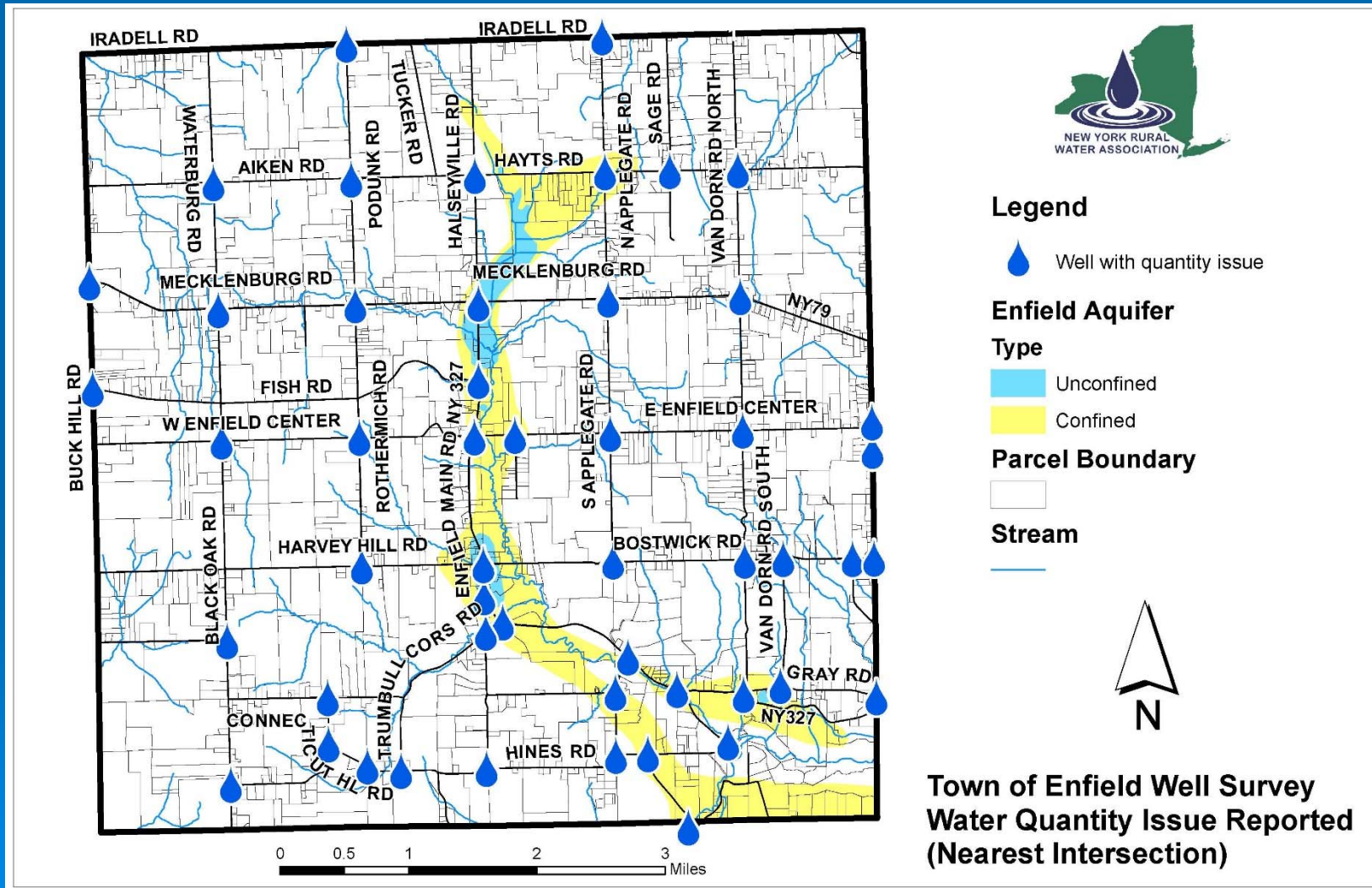


➤ 28% Have Experienced Some Quantity Issues

2016 Drought



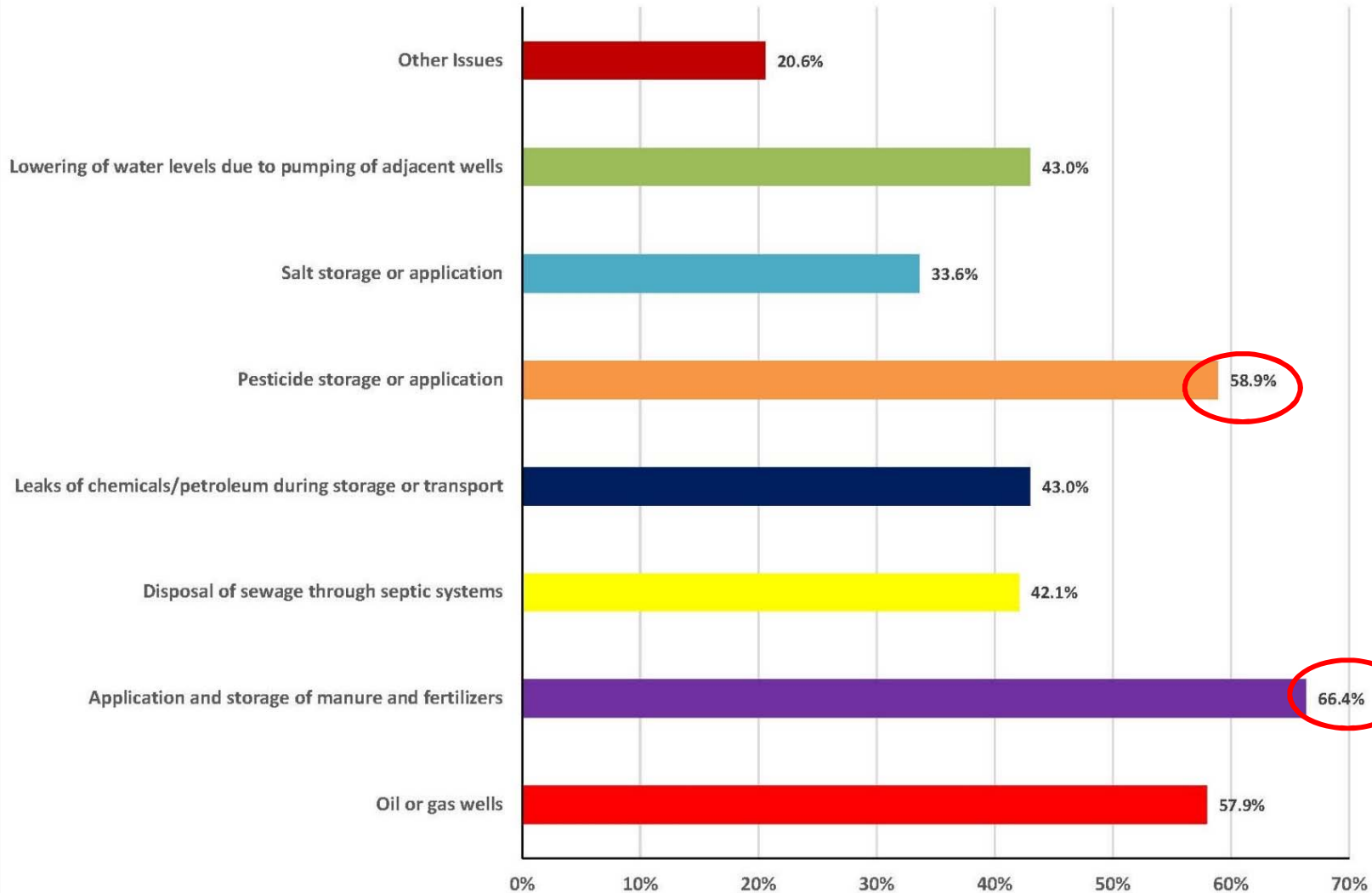
Wells With Quantity Issues



0 0.5 1 2 3 Miles

Issues of Concern

Q10 Please indicate if you are concerned with any of the following issues:

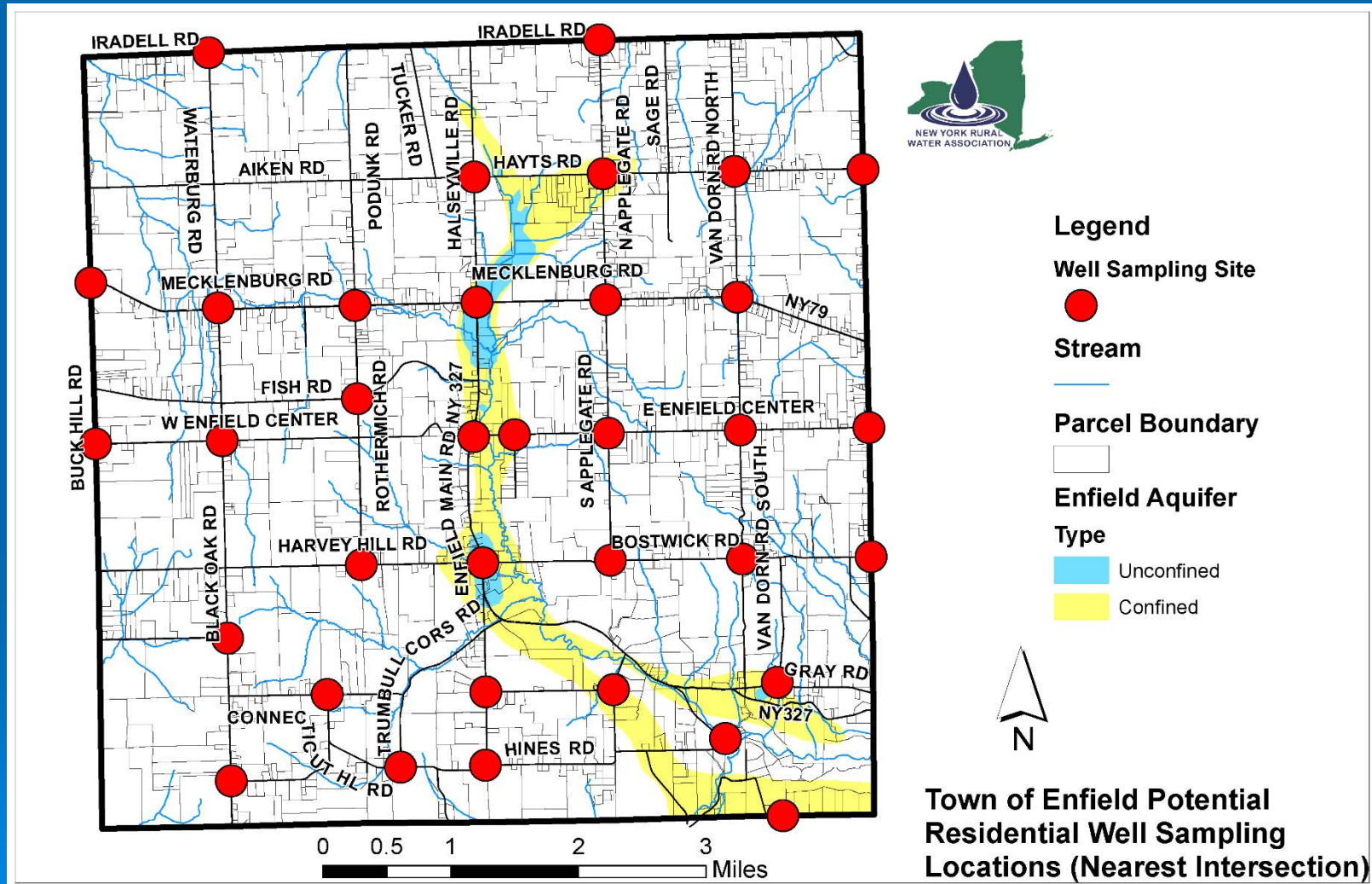


NYSDOH Water Well Sampling Program

- Approx. 35 water supplies to be tested for some 15 parameters.
- Results will be sent to homeowners (confidential).
- A list of 35 well owners has been selected and will be sent to NYSDOH.
 - No Town employees, elected officials, or committee members.
 - Representative distribution across Town.
 - Majority have known well information to correlate results to.

Complete list
alkalinity
arsenic
chloride
coliform/E coli
fluoride
hardness
iron
lead
manganese
nitrate
nitrite
pH
sodium
sulfate
turbidity

Well Sampling Locations



Sampling To Be Done in Late June

Questions ??

