

Enfield, NY Community Well Sampling

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Overview

- 18 wells sampled by NYSDOH
- 6 sampling kits mailed
 - 5 returned
- 23 wells total
- 10 coliform detections
 - 2 E. coli detections
- Hard water, over half of wells with hardness above 120 mg/L as CaCO₃
- Only 2 wells sampled by NYSDOH had a disinfection system installed
- 6 wells sampled by NYSDOH had sampled within the last 3 years

Tables

There are no regulations for maximum contaminant levels in private wells in New York State. All references made to exceedances are recommended levels.

Number of wells by number of exceedances

# of Wells ≥1 Exceedance	# of Wells ≥2 Exceedance	# of Wells ≥3 Exceedance	# of Wells ≥4 Exceedance
17	8	3	0
74%	35%	13%	0%

Number of Exceedances by Contaminant

Contaminant	# of Exceedances	% of Wells
Coliform	10	43%
Iron + Mn	5	22%
Iron	4	17%
E. coli	2	9%
Turbidity	2	9%
Lead	1	4%
Manganese	1	4%
Total	25	

Treatments

Contaminant or Substance	Water Treatment Unit or System						
	Adsorption Media		Reverse Osmosis (RO)	Distillation	Ion Exchange	Oxidizing Filter	Oxidation- Filtration System
	Activated Carbon Filter	Specialty Adsorption Media					
Arsenic ^{1,3}		X	X	X	X (Anion) ⁴	X	X
Boron ¹			X	X			
Fluoride ¹			X	X			
Hard Water Minerals ²				X	X (Cation)		
Hydrogen Sulfide ¹	X					X	X
Iron/ Manganese ²				X	X (Cation)	X	X
Lead ¹			X	X			
Nitrate ¹			X	X	X (Anion) ⁵		
Radon ¹	X						
Sulfate ¹			X	X	X (Anion)		
VOCs ¹	X						

Minnesota Department of Health Well Management Section. (2014). *Well Owner's Handbook: A Consumer's Guide to Water Wells in Minnesota*.

More Private Well Information

https://www.health.ny.gov/environmental/water/drinking/private_wells.htm

Information on Coliform Bacteria

https://www.health.ny.gov/environmental/water/drinking/coliform_bacteria.htm