



- Residential Well
- Residential Well equipped with Township-maintained RO Unit
- Residential Well equipped with privately maintained RO Unit
- PFAS not detected
- PFAS detected below Part 201 Criteria
- PFAS detected and PFOA above Part 201 Criterion

**Notes:**

- This figure provides a comparison between 2023 and 2024 PFAS results.
- In 2023 samples were analyzed using analytical method EPA537 modified and in 2024 using analytical method EPA1633.
- Only detections above reporting limits are presented.
- Results in nanograms per liter.
- I = value is the estimated maximum possible concentration.
- ND = PFAS congener(s) not detected above the reporting limit(s).
- NS = A groundwater sample for PFAS was not collected.
- Yellow-highlighted results exceed Part 201 Criteria and EPA Maximum Contaminant Level (MCL).
- Orange-highlighted results exceed EPA MDL.
- No detections were reported in samples from the Reverse Osmosis (RO) Units that were tested.
- RO Units results are presented in Table 5.

**List of Per- and Polyfluorinated Alkyl Substances (PFAS) Acronyms**

|                                 |                                       |
|---------------------------------|---------------------------------------|
| PFOA = Perfluorooctanoic acid   | PFHxS = Perfluorohexane sulfonic acid |
| PFHpA = Perfluoroheptanoic acid | PFBS = Perfluorobutane sulfonic acid  |
| PFHxA = Perfluorohexanoic acid  | PFOSA = Perfluorooctane sulfonamide   |
| PFPeA = Perfluoropentanoic acid | PFBSA = Perfluorobutyl sulfonamide    |
| PFBA = Perfluorobutanoic acid   | PFNA = Perfluorononanoic acid         |

| Applicable* Part 201 Generic Cleanup Criteria and Screening Levels for Residential Groundwater/EPA MDLs |                |                                     |
|---|----------------|-------------------------------------|
| Parameter   | Drinking Water | Groundwater Surface Water Interface |
| Perfluorononanoic acid (PFNA)   | 6/10           | 30                                  |
| Perfluorooctanoic acid (PFOA)   | 8/4            | 12,000                              |
| Perfluorohexanoic acid (PFHxA)  | 400,000/NA     | NA                                  |
| Perfluorohexane sulfonic acid (PFHxS)   | 51/10          | 210                                 |
| Perfluorobutane sulfonic acid (PFBS)  | 420/NA         | 670,000                             |

\* Established Part 201 Criteria for PFAS Congeners that were not detected in the samples are not included in this table.

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**PRELIMINARY**

**2024 ANNUAL GROUNDWATER SAMPLING REPORT**

OAK POINTE WASTEWATER TREATMENT PLANT  
GENOA TOWNSHIP, MICHIGAN

**2024 RESIDENTIAL WELL SAMPLING  
PFAS RESULTS**

Project No: 117-1045044  
Date: 12/4/2024  
Designed by: MC

**FIGURE  
3**

Bar Measures 1 Inch