



WATER QUALITY RESULTS

Report No. 6071426
Report Date: 07/22/2026

SAMPLE INFORMATION

Sample ID SSS-SS-COM-00001-001
Panel Comprehensive Water
Location Kitchen Cold Tap
Matrix Potable Water
Date Collected 07/06/2026 08:45
Date Received 07/14/2026 10:00

LABORATORY INFORMATION

Laboratory Long Island Analytical Labs
Lab ID 6071426-01
Accreditation NELAP / ELAP #11693
Methods EPA 524.2 · 533 · 300.0
Technical Director Michael D. Veraldi
Received Temp. 2.8 °C

VOLATILE ORGANICS

62 compounds · EPA 524.2

None Detected

PFAS "FOREVER CHEMICALS"

25 compounds · EPA 533

None Detected

NITRATE (AS N)

3.08 mg/L · EPA 300.0

Below Limit *

DETAILED RESULTS — EVERY ANALYTE TESTED

ANALYTE	RESULT	UNIT	EPA MCL / GUIDELINE	STATUS
NITRATE — EPA 300.0				
Nitrate (as N)	3.08	mg/L	10	Below Limit *
What this means: Your nitrate is 3.08 mg/L — comfortably under the EPA limit of 10 mg/L (the level set to protect infants). Nitrate typically comes from fertilizer, septic systems, or natural sources. * Lab note: this sample reached the lab after the 48-hour holding time for nitrate, so the lab flagged it (H). The number is low and reassuring, but if you want a regulatory-grade nitrate value we can send a free nitrate-only recollection kit.				
VOLATILE ORGANIC COMPOUNDS (VOCs) — 62 TESTED, EPA 524.2				
1,1,1,2-Tetrachloroethane	<0.50	µg/L	—	Not Detected
1,1,1-Trichloroethane	<0.50	µg/L	200	Not Detected
1,1,2,2-Tetrachloroethane	<0.50	µg/L	—	Not Detected
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.50	µg/L	—	Not Detected
1,1,2-Trichloroethane	<0.50	µg/L	—	Not Detected

ANALYTE	RESULT	UNIT	EPA MCL / GUIDELINE	STATUS
1,1-Dichloroethane	<0.50	µg/L	—	Not Detected
1,1-Dichloroethene	<0.50	µg/L	7	Not Detected
1,1-Dichloropropene	<0.50	µg/L	—	Not Detected
1,2,3-Trichlorobenzene	<0.50	µg/L	—	Not Detected
1,2,3-Trichloropropane	<0.50	µg/L	—	Not Detected
1,2,4-Trichlorobenzene	<0.50	µg/L	70	Not Detected
1,2,4-Trimethylbenzene	<0.50	µg/L	—	Not Detected
1,2-Dichlorobenzene	<0.50	µg/L	600	Not Detected
1,2-Dichloroethane	<0.50	µg/L	5	Not Detected
1,2-Dichloropropane	<0.50	µg/L	5	Not Detected
1,3,5-Trimethylbenzene	<0.50	µg/L	—	Not Detected
1,3-Dichlorobenzene	<0.50	µg/L	—	Not Detected
1,3-Dichloropropane	<0.50	µg/L	—	Not Detected
1,4-Dichlorobenzene	<0.50	µg/L	75	Not Detected
2,2-Dichloropropane	<0.50	µg/L	—	Not Detected
2-Chlorotoluene	<0.50	µg/L	—	Not Detected
4-Chlorotoluene	<0.50	µg/L	—	Not Detected
4-Isopropyltoluene	<0.50	µg/L	—	Not Detected
Benzene	<0.50	µg/L	5	Not Detected
Bromobenzene	<0.50	µg/L	—	Not Detected
Bromochloromethane	<0.50	µg/L	—	Not Detected
Bromodichloromethane	<0.50	µg/L	80 ⁺	Not Detected
Bromoform	<0.50	µg/L	80 ⁺	Not Detected
Bromomethane	<0.50	µg/L	—	Not Detected
Carbon Tetrachloride	<0.50	µg/L	5	Not Detected
Chlorobenzene	<0.50	µg/L	100	Not Detected

ANALYTE	RESULT	UNIT	EPA MCL / GUIDELINE	STATUS
Chlorodifluoromethane	<0.50	µg/L	—	Not Detected
Chloroethane	<0.50	µg/L	—	Not Detected
Chloroform	<0.50	µg/L	80†	Not Detected
Chloromethane	<0.50	µg/L	—	Not Detected
cis-1,2-Dichloroethene	<0.50	µg/L	70	Not Detected
cis-1,3-Dichloropropene	<0.50	µg/L	—	Not Detected
Dibromochloromethane	<0.50	µg/L	80†	Not Detected
Dibromomethane	<0.50	µg/L	—	Not Detected
Dichlorodifluoromethane	<0.50	µg/L	—	Not Detected
Ethylbenzene	<0.50	µg/L	700	Not Detected
Hexachlorobutadiene	<0.50	µg/L	—	Not Detected
Isopropylbenzene (Cumene)	<0.50	µg/L	—	Not Detected
m,p-Xylenes	<1.00	µg/L	10,000	Not Detected
Methyl Ethyl Ketone (2-Butanone)	<10.0	µg/L	—	Not Detected
Methylene Chloride	<1.00	µg/L	5	Not Detected
Methyl-tert-Butyl Ether	<0.50	µg/L	—	Not Detected
Naphthalene	<5.00	µg/L	—	Not Detected
n-Butylbenzene	<0.50	µg/L	—	Not Detected
n-Propylbenzene	<0.50	µg/L	—	Not Detected
o-Xylene	<0.50	µg/L	10,000	Not Detected
sec-Butylbenzene	<0.50	µg/L	—	Not Detected
Styrene	<0.50	µg/L	100	Not Detected
tert-Butylbenzene	<0.50	µg/L	—	Not Detected
Tetrachloroethene	<0.50	µg/L	5	Not Detected
Tetrahydrofuran	<10.0	µg/L	—	Not Detected
Toluene	<0.50	µg/L	1,000	Not Detected

ANALYTE	RESULT	UNIT	EPA MCL / GUIDELINE	STATUS
trans-1,2-Dichloroethene	<0.50	µg/L	100	Not Detected
trans-1,3-Dichloropropene	<0.50	µg/L	—	Not Detected
Trichloroethene	<0.50	µg/L	5	Not Detected
Trichlorofluoromethane	<0.50	µg/L	—	Not Detected
Vinyl chloride	<0.50	µg/L	2	Not Detected
PFAS “FOREVER CHEMICALS” — 25 TESTED + HAZARD INDEX, EPA 533				
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	<2.00	ng/L	—	Not Detected
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	<2.00	ng/L	10	Not Detected
4:2 FTS	<2.00	ng/L	—	Not Detected
6:2 FTS	<2.00	ng/L	—	Not Detected
8:2 FTS	<2.00	ng/L	—	Not Detected
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	<2.00	ng/L	—	Not Detected
Dodecafluoro-3H-4,8-dioxanonaate (ADONA)	<2.00	ng/L	—	Not Detected
Hazard Index	<0.10	ng/L	1.0	Not Detected
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	<2.00	ng/L	—	Not Detected
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	<2.00	ng/L	—	Not Detected
Perfluoro-4-oxapentanoic acid (PFMPA)	<2.00	ng/L	—	Not Detected
Perfluoro-5-oxahexanoic acid (PFMBA)	<2.00	ng/L	—	Not Detected
Perfluorobutanesulfonic Acid (PFBS)	<2.00	ng/L	—	Not Detected
Perfluorobutanoic Acid (PFBA)	<2.00	ng/L	—	Not Detected
Perfluorodecanoic Acid (PFDA)	<2.00	ng/L	—	Not Detected
Perfluorododecanoic Acid (PFDoDa)	<2.00	ng/L	—	Not Detected
Perfluoroheptanesulfonic Acid (PFHpS)	<2.00	ng/L	—	Not Detected
Perfluoroheptanoic Acid (PFHpA)	<2.00	ng/L	—	Not Detected

ANALYTE	RESULT	UNIT	EPA MCL / GUIDELINE	STATUS
Perfluorohexanesulfonic Acid (PFHxS)	<2.00	ng/L	10	Not Detected
Perfluorohexanoic Acid (PFHxA)	<2.00	ng/L	—	Not Detected
Perfluorononanoic Acid (PFNA)	<2.00	ng/L	10	Not Detected
Perfluorooctanesulfonic Acid (PFOS)	<2.00	ng/L	4	Not Detected
Perfluorooctanoic Acid (PFOA)	<2.00	ng/L	4	Not Detected
Perfluoropentanesulfonic Acid (PFPeS)	<2.00	ng/L	—	Not Detected
Perfluoropentanoic Acid (PFPeA)	<2.00	ng/L	—	Not Detected
Perfluoroundecanoic Acid (PFUnA)	<2.00	ng/L	—	Not Detected

REPORT SUMMARY

All 62 volatile organic compounds and all 25 PFAS compounds were **non-detect**, and the PFAS Hazard Index is below 1.0. Nitrate measured **3.08 mg/L** — below the EPA limit of 10 mg/L.

Overall, this sample met EPA drinking-water standards on every parameter tested. See the lab note below regarding the nitrate holding time.

LAB NOTES & DATA QUALIFIERS

- **Nitrate holding time (H):** Nitrate (as N) must be analyzed within 48 hours of collection. This sample was collected 07/06 and received 07/14, so it was run outside that window. The result is low and reassuring but is flagged; a free nitrate-only recollection is available if a regulatory-grade value is needed.
- **PFAS surrogate recoveries (4.D):** A few isotope-labeled surrogates recovered below the QC window on long-chain PFAS. Because every target PFAS was non-detect, this does not change the “none detected” conclusion.
- **PFAS batch QC (4.K on NFDHA, 4.N on PFDoDa):** One calibration check ran high and one lab-control sample ran low. Both of these PFAS were non-detect in your water, so the flags do not affect your result.
- **VOC calibration flags (4.R):** Some gas-phase VOCs carried initial-calibration flags. All associated results were non-detect and unaffected.

Data qualifier key: < = below the lab reporting limit (not detected). H = holding time exceeded. 4.D = surrogate recovery failed low. 4.K = CCV failed high. 4.N = LCS below QC limit. 4.R = ICV low. 4.S = ICV high. † = shown against the total trihalomethanes (THM) guideline. µg/L = parts per billion. ng/L = parts per trillion. mg/L = parts per million.

