WATER REPORT

ZIP 33404 · West Palm Beach

Riviera Beach Utility Special District (PWSID FL4501229) · serves 46,762 people · Groundwater · no open health-based violations on record

82

out of 100 · Strong

27 contaminants detected · 1 above published health guidelines. Higher is better.

What's above the guideline

Every detected contaminant in Riviera Beach Utility Special District's water that measured above its published health guideline, worst first.

CONTAMINANT	MEASURED	× HEALTH GUIDELINE	× LEGAL LIMIT	GUIDELINE BASIS
Chromium (hexavalent) tested 2015-2016	0.19 ppb	9.5× above	No federal legal limit	Guideline basis: long-term cancer risk (OEHHA, Public Health Goal for Hexavalent Chromium in Drinking Water (July 2011)) CA PHG (OEHHA) 2011

25 more contaminants were detected within guideline: Strontium, Nitrate, Fluoride, Aluminum, Haloacetic acids (HAA9), Nitrite, Barium, Total trihalomethanes (TTHMs), Haloacetic acids (HAA5), PFOS, Manganese, PFOA, PFHxS, PFPeA, PFHxA, PFHpA, PFBS, Vanadium, Chromium (total), 1,4-Dioxane, Trichloroethylene (TCE), Tetrachloroethylene (PCE), Vinyl chloride, Benzene, Carbon tetrachloride.

Lead: 2.4 ppb (90th percentile of tap samples, January to December 2023). EPA action level (90th percentile): 15 ppb. Lead is measured at the tap in homes selected because they are most likely to have lead plumbing. EPA says lead in drinking water mainly comes from pipes, solder and fixtures in service lines and buildings, not from the water source. Your home's plumbing matters more than the utility's number. EPA's goal (MCLG) for lead is zero. California's public health goal for lead is 0.2 ppb. If your home is older or may have a lead service line, ask your utility (it must keep a service-line inventory) or have your tap tested by a state-certified lab.

Find a filter for this list

Which home treatment is rated for each contaminant above guideline in ZIP 33404, following EPA drinking water treatment guidance. Activated carbon is rated to reduce 0 of these 1. Reverse osmosis is rated to reduce 1. Our claims cover three

results: chlorine and hardness at your kitchen tap, and dissolved solids at your drinking-water faucet. Guarantee terms: https://scoreyourwater.com/guarantee

✓ rated to reduce — partial reduction ✕ not designed for

ABOVE GUIDELINE	ACTIVATED CARBON IN OUR WHOLE-HOME TANK	REVERSE OSMOSIS AT OUR KITCHEN TAP	ION EXCHANGE NOT IN OUR SYSTEM
Chromium (hexavalent)	—	✓	—

“Rated to reduce” means EPA drinking water treatment guidance lists the technology as routinely effective for that contaminant. “Partial reduction” means some reduction, not a reliable barrier on its own. “Not designed for” means the technology is not made to remove that contaminant. The resin in the whole-home tank softens hardness minerals; it is not an anion-exchange unit, so it is not counted as ion exchange.

How this score is calculated

The score starts at 100. It goes down 8 for each contaminant above a cited health guideline whose source states a cancer basis, 5 for each other contaminant above its cited guideline, 5 for each of PFOA and PFOS averaging above the 4.0 ppt limit in EPA's 2024 PFAS rule, 10 for each contaminant whose average of all samples is above EPA's legal limit (instead of its guideline step), and 1 for each contaminant with a cited cancer-based guideline that is detected below it. Only guidelines with a cited document count. The lowest score is 5. Higher is better.

100 - 8 × 1 - 5 × 0 - 1 × 0 = 92 : 82 / 100 · Strong

Sources for this report

• EPA ECHO Safe Drinking Water Information System: utility details, compliance and violations (extract)

• Florida DEP annual chemical sample results, 2018-2022

• EPA Unregulated Contaminant Monitoring Rule occurrence data, rounds 3, 4 and 5 (includes PFAS)

• Health guidelines: California OEHHA public health goals (arsenic 2004, lead 2009, hexavalent chromium 2011, tri-halomethanes 2020) and the EPA PFBS health advisory (2022), as cited on each contaminant; legal limits: EPA maximum contaminant levels and action levels (40 CFR 141)

Questions about this report

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Water Scores and reports are educational estimates from public data, not medical advice. Levels are compared with published health guidelines and federal legal limits; we do not make conclusions about anyone's health. Data may be one to three years old and may not reflect water at your tap.

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