

1, 4-Dioxane and Drinking Water Supplies

Is there 1, 4-Dioxane in the water that Mount Laurel MUA supplies?

Mount Laurel MUA's (MLMUA) water comes from a mix of sources: MLMUA treatment facilities, Willingboro MUA (WMUA) and New Jersey American Water Company (NJAWC). Testing performed on MLMUA's water in accordance with State (NJDEP) and federal law (USEPA) under the Unregulated Contaminant Monitoring Rule 3 (UCMR3) indicated detections from NJAWC & WMUA supplies.

What is 1, 4-Dioxane and how does it get into drinking water?

- 1, 4-Dioxane is a synthetic industrial chemical that is completely mixable in water.
- 1, 4-Dioxane is used in many products, including paint strippers, dyes, greases, varnishes and waxes. 1, 4-Dioxane is also found as an impurity in antifreeze and aircraft deicing fluids and in some consumer products (deodorants, shampoos and cosmetics)

Is 1, 4-Dioxane regulated?

- 1, 4-Dioxane is not currently regulated in drinking water by USEPA or NJDEP. The USEPA provided the following link - (<https://www.nj.gov/dep/14-dioxane/>)
- In September 2020, the NJ Drinking Water Quality Institute (DWQI) recommended that NJDEP institute a maximum contaminant level (MCL) of 0.33 ppb for drinking water.
- Appropriate testing and reporting will occur once USEPA or NJDEP provide guidance and levels appropriate for monitoring this parameter.

What's next?

- MLMUA will continue to monitor the progression of 1, 4-Dioxane through the regulatory process and provide updates as information becomes available. We will take all necessary steps to ensure our water quality continues to meet all standards.