



April 11, 2022

PRESS RELEASE
FROM
PITTSBORO TOWN MANAGER CHRIS KENNEDY

**UPDATE #1 – APRIL 5, 2022 EVENT: CITY OF GREENSBORO
1,4 DIOXANE DISCHARGE, IMPACTING PITTSBORO'S
PUBLIC DRINKING WATER SYSTEM**

The Town of Pittsboro is now in receipt of the raw water and finished water sample results taken through April 8, 2022. Additional samples are labeled “rush orders” to receive them as soon as possible. The latest results are highlighted in the chart below.

Pittsboro Sample Location	Date	1,4 Dioxane Result
Raw Composite	March 28 – April 6, 2022	1.32 ug/L
Finished Grab	April 6, 2022	5.12 ug/L
Raw Grab	April 7, 2022	<1.00 ug/L
Finished Grab	April 7, 2022	6.06 ug/L
Raw Grab	April 8, 2022	<1.00 ug/L
Finished Grab	April 8, 2022	11.9 ug/L

The Town continues to work with the City of Greensboro to sample and inform the public. More details will be provided as rush sample results from each sampling point are delivered. The numbers listed above indicate that at least some portion of the 1,4 dioxane from this event has already entered our distribution system, evidenced by the finished grab samples. The Town has taken samples from our water tanks and expects those results in the next day or two. The City of Greensboro has provided their sampling data and those results are listed below.

TZO (T.Z. Osbourne) Data		
3/28/22 - 4/1/2022	TZO Weekly Composite	133 ug/l
4/5/2022 – 4/6/2022	TZO Influent Composite	14.1 ug/l
4/5/2022 4/6/2022	TZO Effluent Composite	37.9 ug/l
4/6/2022	TZO Effluent Grab (split/2 nd Lab)	22.1 ug/l

Surveillance Data		
4/1/2022 - 4/4/2022	Bryan Park Trunkline	599 ug/l
4/1/2022 - 4/4/2022	Airport Trunkline	2.2 ug/l
4/1/2022 - 4/4/2022	Reedy Fork Trunkline	94.2 ug/l

Downstream Creeks		
4/6/2022 (2:08 pm)	Reedy Fork Creek at HWY 61	5.82 ug/l
4/6/2022 (1:47 pm)	Haw River at HWY 62	25.1 ug/l

Based on the current level of contamination, as the Town and others seek to determine the current stream flow rate of the Haw River and sampling data, the Town of Pittsboro wishes to inform our citizens, residents, and water customers that levels of 1,4 dioxane in the Pittsboro drinking water source may exceed the EPA's Drinking Water Health Advisory Level of 35 ug/L and to act accordingly.

EPA has identified 1,4 dioxane, a clear liquid that is highly miscible in water, as a likely human carcinogen. 1,4 dioxane has historically been used as a solvent stabilizer and is currently used for a wide variety of industrial purposes. For reference purposes, the EPA's Drinking Water Health Advisory Level of 35 ug/L based on a 1 in 10,000 cancer risk for lifetime exposure. The Town encourages our customers to consult the EPA's Risk Evaluation webpage for 1,4 dioxane and the EPA's Technical Fact Sheet for 1,4 dioxane for additional guidance and resources, please see the link below:

<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/risk-evaluation-14-dioxane>

https://www.epa.gov/sites/default/files/2014-03/documents/ffro_factsheet_contaminant_14-dioxane_january2014_final.pdf

The Town will continue to respond with additional sampling, and we will continue to discuss remedies with NCDEQ and the City of Greensboro. We thank our customers for their attention to this matter and their support as the Town continues to work their behalf.

Chris Kennedy
Town of Pittsboro Town Manager