

JIM NASS
Mayor

CHRIS KENNEDY
Town Manager

PAUL S. MESSICK, JR.
Town Attorney

P.O. Box 759 – 635 East Street
PITTSBORO, N.C. 27312



BOARD OF COMMISSIONERS

PAMELA BALDWIN
JAY FARRELL
MICHAEL A. FIOCCO
KYLE SHIPP
JOHN BONITZ

TELEPHONE
(919) 542-4621
FAX (919) 542-7109

CHARTERED 1787

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PRESS RELEASE
FROM
PITTSBORO TOWN MANAGER CHRIS KENNEDY

UPDATE #9: 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 by Town staff through December 2, 2021. The latest results are highlighted in the chart below.

The raw water sample results are continuing to show increasingly diminished 1,4 dioxane concentration levels, well under the EPA’s Drinking Water Health Advisory Level. The improvements in the raw water quality are now resulting in improved concentration levels in the finished water circulated in our distribution system. Please note that water circulates in our system from north to south, so as finished water coming from the water treatment plant improves, we will see better concentration levels first in the Chatham Forest and 1.0-Million Gallon tank while the Horton tank will appear to lag behind with increased concentration levels as it is the southernmost tank in our distribution system. The Horton tank typically has an inverse relationship to our other tanks as it maintains a lower concentration level at the beginning of contamination events and higher towards the end of contamination events. Town staff will continue to flush water out of the Horton tank so that the water turns over more quickly thereby allowing for better quality water to be fed to that tank and the customers serviced by that tank. Town staff will continue sample and we will report the results as soon as they become available.

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.

Pittsboro Sample Location	Date	1,4 Dioxane Result
Raw Grab	November 8, 2021	<1.00 ug/L
Raw Grab	November 9, 2021	1.11 ug/L
Raw Grab	November 10, 2021	1.99 ug/L
Raw Grab	November 11, 2021	3.74 ug/L
Raw Grab	November 12, 2021	9.80 ug/L
Raw Grab	November 15, 2021	28.20 ug/L
Raw Grab	November 16, 2021	38.10 ug/L
Raw Grab	November 17, 2021	80.70 ug/L
Raw Grab	November 18, 2021	50.50 ug/L
Raw Grab	November 19, 2021	34.10 ug/L

Raw Grab	November 22, 2021	7.70 ug/L
Raw Grab	November 23, 2021	7.60 ug/L
Raw Grab	November 24, 2021	6.58 ug/L
Raw Grab	November 29, 2021	2.73 ug/L
Raw Grab	November 30, 2021	2.67 ug/L
Raw Grab	December 1, 2021	2.35 ug/L
Raw Grab	December 2, 2021	1.83 ug/L
Raw Composite	November 3 - 8, 2021	1.07 ug/L
Raw Composite	November 10, 2021	1.18 ug/L
Raw Composite	November 11-15, 2021	14.20 ug/L
Raw Composite	November 15-17, 2021	43.90 ug/L
Raw Composite	November 17-22, 2021	6.95 ug/L
Raw Composite	November 23-24, 2021	24.00 ug/L
Finished (At Plant)	November 8, 2021	<1.00 ug/L
Finished (At Plant)	November 9, 2021	1.02 ug/L
Finished (At Plant)	November 10, 2021	<1.00 ug/L
Finished (At Plant)	November 11, 2021	1.60 ug/L
Finished (At Plant)	November 12, 2021	4.08 ug/L
Finished (At Plant)	November 15, 2021	16.80 ug/L
Finished (At Plant)	November 16, 2021	21.30 ug/L
Finished (At Plant)	November 17, 2021	37.60 ug/L
Finished (At Plant)	November 18, 2021	46.30 ug/L
Finished (At Plant)	November 19, 2021	49.80 ug/L
Finished (At Plant)	November 22, 2021	15.50 ug/L
Finished (At Plant)	November 23, 2021	9.25 ug/L
Finished (At Plant)	November 24, 2021	6.50 ug/L
Finished (At Plant)	November 29, 2021	3.68 ug/L
Finished (At Plant)	November 30, 2021	2.99 ug/L
Finished (At Plant)	December 1, 2021	2.78 ug/L
Finished (At Plant)	December 2, 2021	2.07 ug/L
Finish – Chatham Forest Grab	November 8, 2021	1.30 ug/L
Finish – Chatham Forest Grab	November 12, 2021	1.18 ug/L
Finish – Chatham Forest Grab	November 15, 2021	8.20 ug/L
Finish – Chatham Forest Grab	November 16, 2021	13.40 ug/L
Finish – Chatham Forest Grab	November 17, 2021	24.30 ug/L
Finish – Chatham Forest Grab	November 18, 2021	43.30 ug/L
Finish – Chatham Forest Grab	November 19, 2021	30.10 ug/L
Finish – Chatham Forest Grab	November 22, 2021	30.40 ug/L
Finish – Chatham Forest Grab	November 23, 2021	15.70 ug/L
Finish – Chatham Forest Grab	November 24, 2021	7.44 ug/L
Finish – Chatham Forest Grab	November 29, 2021	7.99 ug/L
Finish – Chatham Forest Grab	November 30, 2021	3.53 ug/L
Finish – Chatham Forest Grab	December 1, 2021	4.56 ug/L
Finish – Chatham Forest Grab	December 2, 2021	2.35 ug/L
Finish – Horton Tank Grab	November 8, 2021	2.09 ug/L
Finish – Horton Tank Grab	November 12, 2021	2.19 ug/L
Finish – Horton Tank Grab	November 15, 2021	3.50 ug/L
Finish – Horton Tank Grab	November 16, 2021	<1.00 ug/L
Finish – Horton Tank Grab	November 17, 2021	4.21 ug/L
Finish – Horton Tank Grab	November 18, 2021	11.50 ug/L
Finish – Horton Tank Grab	November 19, 2021	3.10 ug/L

Finish – Horton Tank Grab	November 22, 2021	10.90 ug/L
Finish – Horton Tank Grab	November 23, 2021	7.30 ug/L
Finish – Horton Tank Grab	November 24, 2021	19.30 ug/L
Finish – Horton Tank Grab	November 29, 2021	17.00 ug/L
Finish – Horton Tank Grab	November 30, 2021	16.90 ug/L
Finish – Horton Tank Grab	December 1, 2021	16.10 ug/L
Finish – Horton Tank Grab	December 2, 2021	14.60 ug/L
Finish – 1.0M Tank Grab	November 8, 2021	1.61 ug/L
Finish – 1.0M Tank Grab	November 12, 2021	1.09 ug/L
Finish – 1.0M Tank Grab	November 15, 2021	4.60 ug/L
Finish – 1.0M Tank Grab	November 16, 2021	4.58 ug/L
Finish – 1.0M Tank Grab	November 17, 2021	14.70 ug/L
Finish – 1.0M Tank Grab	November 18, 2021	18.20 ug/L
Finish – 1.0M Tank Grab	November 19, 2021	17.20 ug/L
Finish – 1.0M Tank Grab	November 22, 2021	33.10 ug/L
Finish – 1.0M Tank Grab	November 23, 2021	31.20 ug/L
Finish – 1.0M Tank Grab	November 24, 2021	16.90 ug/L
Finish – 1.0M Tank Grab	November 29, 2021	11.80 ug/L
Finish – 1.0M Tank Grab	November 30, 2021	10.40 ug/L
Finish – 1.0M Tank Grab	December 1, 2021	6.85 ug/L
Finish – 1.0M Tank Grab	December 2, 2021	5.27 ug/L

The Town encourages our customers to consult the EPA's Technical Fact Sheet for 1,4 dioxane for additional guidance and resources, please see the link below:

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

Chris Kennedy
Town of Pittsboro Town Manager