



Meritech, Inc.
Environmental Laboratory
Laboratory Certification No. 165

Client: City of Asheboro
1032 Bonkemeyer Drive
Randleman, NC 27317

Report Date: 12/13/2024
NPDES: NC0026123

Date Sample Rcvd: 12/6/2024

Meritech Work Order # 12062471

Sample: Effluent WWTP Grab

12/6/24

<u>Parameters</u>	<u>Results</u>	<u>Analysis Date</u>	<u>Reporting Limit</u>	<u>Method</u>
1,4 Dioxane + Trip Blank	Attached	12/11/24	-	EPA 624.1

I hereby certify that I have reviewed and approve these data.

Amanda Hancock
Laboratory Representative

642 Tamco Road, Reidsville, North Carolina 27320
(336)342-4748
www.meritechlabs.com



MERITECH, INC.

Environmental Laboratories

Laboratory Certification #165

Client: Asheboro WWTP
Project: 1,4-Dioxane
Client Sample ID: Effluent WWTP
Sample Collection: 12/06/24

Meritech ID#: 12062471
Analysis: 12/11/24
Analyst: VWV
Dilution Factor: 2
Report Date: 12/12/24

EPA 624.1 VOLATILE ORGANICS

<u>Parameter</u>	<u>Result</u>
1,4-Dioxane (p-Dioxane)	813 ug/L
Trip Blank	< 1.00 ug/L

Batch Blank = Below Reporting Limit (Yes) / No

Internal Standards method criteria acceptable (Yes) / No

<u>Surrogate Recoveries</u>	<u>Spike Conc</u>	<u>Spike Recovery</u>	<u>Limits</u>
Toluene-d8	30 ug/L	101%	67-151%
Bromofluorobenzene	30 ug/L	108%	45-161%

* - If "no" is selected, see second page for details.

I hereby certify that I have reviewed and approve these data.

Laboratory Representative



MERITECH, INC.
ENVIRONMENTAL LABORATORIES
 642 Tamco Rd. Phone: 336-342-4748
 Reidsville NC 27320 Fax: 336-342-1522
 Email: info@meritechlabs.com
 www.meritechlabs.com

Client: Asheboro WTP
 Address: 1052 Battenayer Drive
Rutherford, NC 27317
 Attention: Sarah Laughlin
 How would you like your report sent?
 Circle all that apply: Email (preferred), Fax, Mail
 Person Taking Sample (Sign/Print): Sarah Laughlin / Sarah Laughlin
 NPDES#: NC0026123
 Phone: (336) 672-0822 x 2718
 Fax: (336) 672-1906
 Email: slauglin@ci.asheboro.nc.us
 Project: _____
 P.O.#: _____

Sample Location and/or ID #	Sampling Dates & Times				Comp? Grab?	# of Cont.	Test(s) Required	Lab Use Only
	Start Date	Start Time	End Date	End Time				
Effluent WWTp	12/16	9:01			6	3	624.1 - 1.4 Dioxane 71	On Ice? <input checked="" type="checkbox"/> / No <input type="checkbox"/> pH OK? <input checked="" type="checkbox"/> / No <input type="checkbox"/> Cl OK? <input checked="" type="checkbox"/> / No <input type="checkbox"/>

*** Dechlorination (<0.5 ppm) of Ammonia, Cyanide, Phenol and TKN samples must be done in the field prior to preservation. ***

Method of Shipment: UPS Fed Ex Hand Delivery Other

Are these results for regulatory purposes? Yes No

Relinquished by: Sarah Laughlin Date: 12/16/18 Time: 10:11
 Relinquished by: Sas Date: 12/16/18 Time: 15:58

Report results in: _____ mg/L _____ mg/kg _____ ug/L

Received by: Sas Date: 12/16/18 Time: 15:11
 Received by Lab: Jan An Date: 12-6-14 Time: 14:50

Temperature Upon Receipt: 20
 Jug # _____
 Compositor # _____