



Meritech, Inc.
Environmental Laboratory
Laboratory Certification No. 165

Contact: Amy Moore
Client: Durham County Triangle WWTP
5926 NC HWY 55
Durham, NC 27713

Report Date 8/20/2019
NPDES#: NC0026051
Date Sample Rcvd: 8/5/2019

Meritech Work Order # 08051920 Sample: Influent #080519184 Grab 8/5/19

<u>Parameters</u>	<u>Results</u>	<u>Analysis Date</u>	<u>Reporting Limit</u>	<u>Method</u>
1,4 Dioxane + Trip Blank	Attached	8/7/19	-	EPA 624.1

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



Laboratory Representative

642 Tamco Road, Reidsville, North Carolina 27320
tel.(336)342-4748 fax.(336)342-1522



MERITECH, INC.

Environmental Laboratories

Laboratory Certification #165

Client: Durham County TWWTP
Project: 1,4 Dioxane
Client Sample ID: Influent 080519184
Sample Collection: 08/05/19

Meritech ID#: 08051920
Analysis: 08/07/19
Analyst: VVV
Dilution Factor: 1
Report Date: 08/16/19

EPA 624.1 VOLATILE ORGANICS

<u>Parameter</u>	<u>Result</u>
1,4-Dioxane (p-Dioxane)	1.56 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	100%	67-151%
Bromofluorobenzene	30 ug/L	97%	45-161%

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

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



Laboratory Representative

8/9/18

Chain of Custody Record (COC)



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: Durham County TWWTP
Address: 5926 NC Hwy 55 E
Durham, NC 27713

NPDES#: NC00226051
Phone: 919-560-9035
Fax:

Email: ajmoore@dcnc.gov
Project:

P.O.#:

Attention: Amy Moore

How would you like your report sent?

Circle all that apply: Email (preferred), Fax, Mail

Turn Around Time*
*RUSH work needs prior approval,
Charges Apply

Std (10 days) 3 - 5 Days 24 - 48 Hrs

Person Taking Sample (Sign/Print): Logan Manning

Lab Use Only

On Ice? Yes / No

pH OK? CI OK?

Test(s) Required

Sample Location and/or ID #	Start		End	
	Date	Time	Date	Time
WFlwmt 080519184	—	—	8/5/19	0915

Comp? # of Cont.

6 3 1,4 dioxane 20

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

Comments:

Method of Shipment:

UPS

Fed Ex

Hand Delivery

Other

Are these results for regulatory purposes? Yes No

Relinquished by: Logan Manning Date: 8/5/19 Time: 12:18

Relinquished by: Logan Manning Date: 8/5/19 Time: 16:55

Report results in:

mg/L ug/L

Received by: Logan Manning Date: 8/5/19 Time: 12:18

Received by: Logan Manning Date: 8/5/19 Time: 16:55

Jug #

Temperature Upon Receipt: 18.00

Compositor #

MaTech p/4 Relinquished by: Logan Manning Date: 8/5/19 Time: 16:55 Received by: Logan Manning Date: 8/5/19 Time: 16:55