



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 9/19/2019
NPDES#: NC0026051
Date Sample Rcvd: 9/9/2019

Meritech Work Order # 09091929 Sample: Influent #090919172 Grab 9/9/19

<u>Parameters</u>	<u>Results</u>	<u>Analysis Date</u>	<u>Reporting Limit</u>	<u>Method</u>
1,4 Dioxane + Trip Blank	Attached	9/12/19	-	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 Co. WWTP
Project: 1,4 Dioxane
Client Sample ID: Influent 090919172
Sample Collection: 09/09/19

Meritech ID#: 09091929
Analysis: 09/12/19
Analyst: VWV
Dilution Factor: 1
Report Date: 09/17/19

EPA 624.1 VOLATILE ORGANICS

<u>Parameter</u>	<u>Result</u>
1,4-Dioxane (p-Dioxane)	< 1.00 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	114%	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

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 TWMTF
 Address: 5926 NC Hwy 55E
Durham, NC 27713

NPDES#: NC 0026051
 Phone: 919.560.9035
 Fax: _____
 Email: ajymore@dcwinc.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

Sample Location and/or ID #	Sampling Dates & Times				Comp? Grab?	# of Cont.	Person Taking Sample (Sign/Print):	Test(s) Required	On Ice? Yes/No	pH OK? Cl OK?	Lab Use Only
	Start Date	Start Time	End Date	End Time							
Influent 090919172	9/9/19	0914	—	—	G	3	<u>1,4-dioxane</u>	<u>25</u>			

Method of Shipment: Fed Ex Hand Delivery Other Maintenance p/u

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

Are these results for regulatory purposes? Yes No

Retinquinshed by: [Signature] Date: 9/9/19 Time: 1340

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

Received by: [Signature] Date: 9/9/19 Time: 1340

Received by Lab: [Signature] Date: 9/9/19 Time: 1350

Temperature Upon Receipt: 26°C