

Environmental Laboratory

Laboratory Certification No. 165



Client: Durham County Triangle WWTP

5926 NC HWY 55

Durham, NC 27713

Report Date 7/17/2019

NPDES#:

NC0026051

Date Sample Rcvd:

7/8/2019

Meritech Work Order # 07081931

Sample: Influent #070819194 Grab

7/8/19

Parameters

Results

Analysis Date

Reporting Limit

Method

1,4 Dioxane + Trip Blank

Attached

7/10/19

EPA 624.1

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

Laboratory Representative



MERITECH, INC.

Environmental Laboratories

Laboratory Certification #165

Client:

Durham County TWWTP

Project:

1,4 Dioxane

Client Sample ID: Sample Collection:

Influent # 070819194

07/08/19

Meritech ID#:

07081931

Analysis:

07/10/19

Analyst:

VWV

Dilution Factor: 2

2

Report Date:

07/15/19

EPA 624.1 VOLATILE ORGANICS

| <u>Parameter</u> | <u>Result</u> |
|-------------------------|---------------|
| | |
| 1,4-Dioxane (p-Dioxane) | < 2.00 ug/L |

Trip Blank

< 1.00 ug/L

Batch Blank = Below Reporting Limit

(Yes)/No

Internal Standards method criteria acceptable

(Yes) / No

| Surrogate Recoveries | Spike Conc | Spike Recovery | <u>Limits</u> |
|----------------------|------------|----------------|---------------|
| Toluene-d8 | 30 ug/L | 99% | 67-151% |
| Bromofluorobenzene | 30 ug/L | 100% | 45-161% |

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

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

Laboratory Representative

642 Tamco Road * Reidsville, NC 27320 (336) 342-4748 * info@meritechlabs.com

| Med to the state of the | ∰ Other | Hand Delivery | Fed Ex | ☐ UPS | Shipment: | Method of | | | | | | | | Sample Location and/or ID # | - - | | | | | | | 8/9/18 |
|----------------------------------------|----------------------------------------|------------------|--------------------------------------------|-------|--------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|------|----------------|--|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------|--------------------------------------|---------------------------------|-------------------------------|
| Refinquished by: | Relinquished by: | Relinquished by: | Are these | | Comments: | *** Dec | | | | | | #000 | | on and/or ID # | ; ; | www.meritechlabs.com | Em | Reidsville NC 27320 | 642 Tamco Rd. | ENVIR | S | Chain of Custody Record (COC) |
| | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Chrospillity Ca | Are these results for regulatory purposes? | | | nlorination (< | | | | | | | Date | Start | Sam | ite S a | Email: info@meritechlabs.com | | Rd. | ENVIRONMENTAL LABORATORIES | MERITECH, INC. | ody Recor |
| | | S | egulatory pu | | | 0.5 ppm) of A | | | | | | 8 | Time | 7 | Sampling Dates | bs.com | eritechlab | Fax: 336 | Phone: 336-342-4748 | AL LABOR | Ĵ | d (coc) |
| Date: | - Parte/S | -7 | | | | mmonia, Cya | | **** | | | | White state of the | Date | End | ζo | enud | s.com | 336-342-1522 | 6-342-4748 | ATORIES | Z | |
| , Time: | / gTime: | 8 19 Time: | Yes 🖾 I | | | inide, Phenol | | | - | | : | 'a' ay dilikini mbanay | Time | | Times | | 1 | | | | | |
| | 1650 | 053 | No 🔲 | | | and TKN san | | | | | | (M) | 1 | Comp? # of | erson Taking | H _t Circle | Attention: | | | ا باسسین | Client: \(\)\\\ Address: \(\) | j |
| Received by Lab: | Received by: | Received by: | Report results in: | | | *** Dechlorination (<0.5 ppm) of Ammonia, Cyanide, Phenol and TKN samples must be done in the field prior to preservation. *** | | | | | | 1, 4-dioxana | ו פטו(ט) הפקטוו פט | | Person Taking Sample (Sign/Print): (COMMOM() | How would you like your report sent? Circle all that apply: Email (preferred), Fax, Mail | ANG MOORE | >> | | DUTMARK NE 2773 | 20126 NC HWA 95 E | |
| ************************************** | I | 1/20/ | mg/L 🎑 mg/kg 🗌 | | | | | | motor document | | 111111111111111111111111111111111111111 | V | quired | 2 | DIN | Mail Stu | : | P.O.#: | Project: | Email: 1/1/1/1/1/2017 ROB d COME GOV | Phone: 914.500 | andro. |
| Time: /650 | Time: | 19 Time: 1053 | ug/L | Jug # | Compositor # | , c | Temperature Upon | | | | | | Yes / No CI OK? | On Ice? pH OK? | Lab Use Only | Charges Apply 3 - 5 Days 24 - 48 Hrs | *RUSH work needs prior approval. | ************************************** | في | 616.00 | 560 · 805 | 5 |