



21 Griffin Rd. North  
Windsor, CT 06095

T 860.298.9692  
TRCcompanies.com

October 24, 2022

Ms. Rose Gatter-Evarts  
Aquatic Toxicity Section  
Bureau of Water Protection and Land Reuse  
Connecticut Department of Energy and Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

RE: Quarterly ATMR - Third Quarter 2022  
Linemaster Switch Corporation, Woodstock, Connecticut  
General Permit CTRSW0055

Dear Ms. Gatter-Evarts:


TRC, on behalf of Linemaster Switch Corporation, hereby transmits the results of aquatic toxicity testing performed for the third quarter of 2022. This testing was performed in accordance with the General Permit for the Discharge of Groundwater Remediation Wastewater (General Permit), permit No. CTRSW0055 approved on November 27, 2019 by the Connecticut Department of Energy and Environmental Protection (CTDEEP).

The attached results reflect aquatic toxicity testing conducted on September 1, 2022 under the General Permit protocols. New England Bioassay, Inc. of Manchester, CT performed the test and prepared the Aquatic Toxicity Monitoring Report (ATMR). During this monitoring period, the aquatic toxicity test passed for both the *Daphnia pulex* and *Pimephales promelas* species.

If you have questions or concerns regarding the enclosed report, please feel free to contact me at (860) 462-8533 or [joliva@trccompanies.com](mailto:joliva@trccompanies.com).

Sincerely,

TRC

  
Jean M. Oliva  
Project Manager/Senior Engineer

Enclosures

cc: Timothy Carlone, Linemaster Switch  
Al Smith, Murtha Cullina LLP  
Don Gonyea, CTDEEP  
Michael Senyk, CTDEEP  
John Bryant, USEPA

**NEW ENGLAND BIOASSAY**

**GGR COVER SHEET**

**CLIENT:** TRC Environmental  
**ADDRESS:** 21 Griffin Road North  
Windsor CT 06095

***D.pulex* TEST ID #:** 22-1576a  
***P.promelas* TEST ID #:** 22-1576b  
**COC #:** C42-4421  
**PROJECT #:** 44688

**SAMPLE:** Linemaster Switch

Does the COC indicate the sample has been received within the 24 hour holding time?  Yes  No

| LABORATORY CONTROL WATER |                 |                           |
|--------------------------|-----------------|---------------------------|
| NEB Lot #:               | <u>C42-S022</u> | SRCF                      |
| Hardness:                | <u>48</u>       | mg/L as CaCO <sub>3</sub> |
| Alkalinity:              | <u>30</u>       | mg/L as CaCO <sub>3</sub> |

| SAMPLE COLLECTION INFORMATION |               |
|-------------------------------|---------------|
| DATE(S):                      | <u>9/1/22</u> |
| TIME(S):                      | <u>1600</u>   |

| INITIAL CHEMISTRY DATA |                  |            | TECHNICIAN INITIALS: <u>KO</u> |                   |                 |
|------------------------|------------------|------------|--------------------------------|-------------------|-----------------|
| Color                  | <u>colorless</u> | Temp. (°C) | <u>9.2</u>                     | Hardness (mg/L)   | <u>167</u>      |
| Cond. (µmhos/cm)       | <u>489</u>       | D.O.(mg/L) | <u>9.5</u>                     | Alkalinity (mg/L) | <u>80</u>       |
| Salinity (ppt)         | <u>&lt;1</u>     | pH (su)    | <u>7.8</u>                     | TRC (mg/L)        | <u>&lt;0.02</u> |

**INVERTEBRATE**

Test Set Up Technician Initials: DB  
 Test Type: Screen  
 Test Species: *Daphnia pulex*  
 Source: New England Bioassay  
 NEB Lot#: Dp22(9-2)  
 Age: < 24 Hours  
 Test Solution Volume: 30 ml  
 # Organisms/Test Chamber: 10  
 # Organisms/Concentration: 50  
 # Organisms/Control: 30  
 START DATE: 9/2/22 AT 1110  
 END DATE: 9/4/22 AT 1015

**VERTEBRATE**

Test Set Up Technician Initials: DB  
 Test Type: Screen  
 Test Species: *Pimephales promelas*  
 Source: New England Bioassay  
 NEB Lot#: Pp222(8-19) 1420  
 Age: 14 (1-14)Days  
 Test Solution Volume: 700 ml  
 # Organisms/Test Chamber: 10  
 # Organisms/Concentration: 50  
 # Organisms/Control: 30  
 START DATE: 9/2/22 AT 1052  
 END DATE: 9/4/22 AT 1000

| TEST SET UP CONDUCTIVITIES |            |          |                    |            |          |
|----------------------------|------------|----------|--------------------|------------|----------|
| <i>D.p</i> Control         | <u>179</u> | µmhos/cm | <i>P.p</i> Control | <u>179</u> | µmhos/cm |
| 100%                       | <u>491</u> | µmhos/cm | 100%               | <u>491</u> | µmhos/cm |

|                      |                           |         |           |          |           |          |           |
|----------------------|---------------------------|---------|-----------|----------|-----------|----------|-----------|
| Technician Initials: | <u><i>D. pulex</i></u>    | 0 Hour: | <u>DB</u> | 24 Hour: | <u>DB</u> | 48 Hour: | <u>DB</u> |
| Technician Initials: | <u><i>P. promelas</i></u> | 0 Hour: | <u>DB</u> | 24 Hour: | <u>DB</u> | 48 Hour: | <u>DB</u> |

**RESULTS OF *Daphnia pulex* Screening Test**

Control: 100.0 % 100% 100 %  
 Replicate A: 100 %  
 Replicate B: 100 %  
 Replicate C: 100 %

**RESULTS OF *Pimephales promelas* Screening Test**

Control: 100.0 % 100% 100 %  
 Replicate A: 100 %  
 Replicate B: 100 %  
 Replicate C: 100 %

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

REVIEWED BY: *Kimberly Wills*

DATE: 9/22/22



**Connecticut Department of  
Energy & Environmental Protection**  
Bureau of Materials Management & Compliance Assurance  
Permitting & Enforcement Division

**Groundwater Remediation to Surface Water Aquatic Toxicity Monitoring Report**

Complete this form for each discharge and send to Water Permitting and Enforcement Division, Bureau of Materials Management and Compliance Assurance, Department of Energy and Environmental Protection, 79 Elm Street, Hartford, CT 06106-5127. (860-424-3018)

**Part I: Facility Information**

GP#: CTRSW0055

|  |   |                            |
|--|---|----------------------------|
| Permittee: <b>Linemaster Switch Corporation</b>      |   |                            |
| Site Address: <b>29 Plaine Hill Road</b>             |   |                            |
| City/Town: <b>Woodstock</b>                          | State: <b>CT</b>  | Zip Code: <b>06281</b>     |
| Phone Number: <b>(860) 974-1000</b>                  | ext. <b>207</b>   | Fax: <b>(860) 974-0094</b> |
| Contact Person: <b>Tim Carlone</b>                   | Title: <b>VP/ Director of Human Resources</b>   |                            |
| Receiving Water (Name, Basin): <b>Old Mill River</b> | IWC: (check one) <input type="checkbox"/> <1% <input checked="" type="checkbox"/> 1-10% |                            |

**Part II: Monitoring Results**

Sample Location (DSN): 001-1

| Parameter                      | Method      | Results      |            |
|--------------------------------|-------------|--------------|------------|
|                                |             | 1st Sample   | 2nd Sample |
| Sample Date (mm/dd/yy) & Time  |             | 9/1/22; 1600 |            |
| Hardness (mg/L)                | 2340C       | 167          |            |
| Total Iron (mg/L)              | 6020B       | <0.050       |            |
| Total Copper (mg/L)            | 6020B       | 0.0059       |            |
| Total Lead (mg/L)              | 6020B       | 0.0012       |            |
| Total Zinc (mg/L)              | 6020B       | 0.0229       |            |
| Total Residual Chlorine (mg/L) | 8167        | <0.02        |            |
| pH (S.U.)                      | Fisher AP61 | 7.80         |            |
| Temperature (°F)               | NA          | 48.56        |            |
| Salinity                       | 2520        | <1.0 ppt     |            |
| Appearance                     |             | colorless    |            |

**Total Flow on Day of Sample (gal/day)**

Registered Max Daily Flow: 60,800

(gal/day)

| Jan. | Feb. | March | April | May | June | July | Aug. | Sept.  | Oct. | Nov. | Dec. |
|------|------|-------|-------|-----|------|------|------|--------|------|------|------|
|      |      |       |       |     |      |      |      | 37,197 |      |      |      |

**Part III: Certification**

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b of the General Statutes, and in accordance with any other applicable statutes."

Signature of Permittee

Date

Signature of Preparer

10-24-22  
10/21/2022

Date

## Groundwater Remediation to Surface Water Acute Toxicity Test Data Sheet

Permittee: Linemaster Switch  
 Culture Water Source: NEB Hardness: 50 ± 5 mg/L  
 Salinity: < 1 ppt  
 Test Species: *Daphnia pulex* Age: < 24 hrs Temp: 20 ± 1° °C  
 1st Test Test Date & Time: 9/2/22 @ 1110

GP# DSN:  
 Culture Water Source: Hardness: 50 ± 5 mg/L  
 Salinity: < 1 ppt  
 Test Species: *Pimephales promelas* Age: 14 days Temp: 20 ± 1° °C  
 2nd Test Test Date & Time: 9/2/22 @ 1052

| Start                  |     |     |     |      |      |      |      |      |
|------------------------|-----|-----|-----|------|------|------|------|------|
| Dilution %             | 0A  | 0B  | 0C  | 100A | 100B | 100C | 100D | 100E |
| D.O. (mg/L)            | 8.6 | --- | --- | 10.0 | ---  | ---  | ---  | ---  |
| pH (SU)                | 7.3 | --- | --- | 7.7  | ---  | ---  | ---  | ---  |
| Temp. (°C)             | 21  | --- | --- | 21   | ---  | ---  | ---  | ---  |
| Cond. (µmhos/cm)       | 179 | --- | --- | 491  | ---  | ---  | ---  | ---  |
| 24 Hours               |     |     |     |      |      |      |      |      |
| % Survival             | 100 | 100 | 100 | 100  | 100  | 100  | 100  | 100  |
| D.O. (mg/L)            | 9.2 | --- | --- | 9.2  | ---  | ---  | ---  | ---  |
| pH (SU)                | 7.7 | --- | --- | 8.1  | ---  | ---  | ---  | ---  |
| Temp. (°C)             | 20  | --- | --- | 20   | ---  | ---  | ---  | ---  |
| Cond. (µmhos/cm)       | 182 | --- | --- | 487  | ---  | ---  | ---  | ---  |
| 48 Hours               |     |     |     |      |      |      |      |      |
| % Survival             | 100 | 100 | 100 | 100  | 100  | 100  | 100  | 100  |
| D.O. (mg/L)            | 9.2 | 9.1 | 9.1 | 9.0  | 9.0  | 9.0  | 9.0  | 9.0  |
| pH (SU)                | 7.6 | 7.6 | 7.5 | 7.8  | 7.9  | 7.9  | 7.9  | 7.9  |
| Temp. (°C)             | 20  | 20  | 20  | 20   | 20   | 20   | 20   | 20   |
| Cond. (µmhos/cm)       | 198 | 183 | 182 | 463  | 477  | 468  | 472  | 462  |
| <b>Mean % Survival</b> |     |     |     | 100  |      |      |      |      |

| Start                  |     |     |     |      |      |      |      |      |
|------------------------|-----|-----|-----|------|------|------|------|------|
| Dilution %             | 0A  | 0B  | 0C  | 100A | 100B | 100C | 100D | 100E |
| D.O. (mg/L)            | 8.6 | --- | --- | 10.0 | ---  | ---  | ---  | ---  |
| pH (SU)                | 7.3 | --- | --- | 7.7  | ---  | ---  | ---  | ---  |
| Temp. (°C)             | 21  | --- | --- | 21   | ---  | ---  | ---  | ---  |
| Cond. (µmhos/cm)       | 179 | --- | --- | 491  | ---  | ---  | ---  | ---  |
| 24 Hours               |     |     |     |      |      |      |      |      |
| % Survival             | 100 | 100 | 100 | 100  | 100  | 100  | 100  | 100  |
| D.O. (mg/L)            | 8.6 | 8.6 | 8.6 | 8.9  | 8.9  | 8.9  | 8.8  | 8.9  |
| pH (SU)                | 7.4 | 7.3 | 7.3 | 7.8  | 7.8  | 7.9  | 7.8  | 7.9  |
| Temp. (°C)             | 20  | 20  | 20  | 20   | 20   | 20   | 20   | 20   |
| Cond. (µmhos/cm)       | 186 | 182 | 181 | 488  | 487  | 492  | 491  | 489  |
| 48 Hours               |     |     |     |      |      |      |      |      |
| % Survival             | 100 | 100 | 100 | 100  | 100  | 100  | 100  | 100  |
| D.O. (mg/L)            | 8.6 | 8.6 | 8.6 | 8.6  | 8.7  | 8.7  | 8.6  | 8.6  |
| pH (SU)                | 7.6 | 7.6 | 7.6 | 7.8  | 7.9  | 7.9  | 7.9  | 7.8  |
| Temp. (°C)             | 20  | 20  | 20  | 20   | 20   | 20   | 20   | 20   |
| Cond. (µmhos/cm)       | 190 | 183 | 183 | 491  | 492  | 497  | 494  | 492  |
| <b>Mean % Survival</b> |     |     |     | 100  |      |      |      |      |

| Test Species               | Date   | Reference Toxicant               | Source | LC50      | Testing Lab   |
|----------------------------|--------|----------------------------------|--------|-----------|---|
| <i>Daphnia pulex</i>       | 8/1/22 | CuNO <sub>3</sub> Lot#22-0126-11 | NEB    | 2.01 µg/L | New England Bioassay<br>77 Batson Drive, Manchester, CT 06042 |
| <i>Pimephales promelas</i> | 8/1/22 | CuNO <sub>3</sub> Lot#22-0126-11 | NEB    | 71.7 µg/L |   |

Note: For the *Daphnia pulex* test, at test initiation (0 hr) and at 24 hr, dissolved oxygen, pH, temperature, and conductivities were measured in separate chemistry replicates (without daphnids); At test completion (or when complete mortality occurred within a replicate), water quality parameters were measured directly from replicates containing test organisms.



**New England Bioassay Inc.**

77 Batson Drive Manchester, CT 06042  
Phone: 860-643-9560 Fax: 860-646-7169  
Email: kimberly.wills@nebio.com

# Chain of Custody Record

Preservation: **in NEB refrigerator**  
(for NEB use only) **Samples were received in safety precautions due to COVID-19**

| Project Information |  | Reporting Information |  | Billing Information |  |
|---------------------|--|-----------------------|--|---------------------|--|
| Project Name:       | Linemaster Switch Discharge  | Report to:            | Chris Carlson  | Bill to:            | TRC A/P  |
| Project Location:   | Woodstock, CT  | Address:              | 21 Griffin Road North  | Address:            | 21 Griffin Road North  |
| Contact name:       | Chris Carlson  |                       | Windsor, CT 06095  |                     | Windsor, CT  |
| Contact email:      | <a href="mailto:ccarlson@trccompanies.com">ccarlson@trccompanies.com</a> |                       |  |                     |  |
| Permit #            | CTRSW0055  | Email:                | <a href="mailto:ccarlson@trccompanies.com">ccarlson@trccompanies.com</a> | Email:              | <a href="mailto:apinvoiceapproval@trccompanies.com">apinvoiceapproval@trccompanies.com</a> |
| Sampler:            | Chris Carlson  |                       |  | PO Number:          | C496698  |

*If this sample is not a current NEB project, or you are a new client who has not discussed the required testing with NEB, please attach a copy of the appropriate pages from your permit and contact lab management. Agreement of testing procedures and test schedule must be made between the client and the lab before testing will be initiated.*

| Matrix Codes: N=NCCW EF=Effluent SW = Stormwater RW=Receiving Water UP=Upstream SD=Sediment S=Soil P=Product O=Outfall GW=Groundwater |                    |               |      |      |              |          |              |          |   |
|---|--------------------|---------------|------|------|--------------|----------|--------------|----------|---|
| NEB use only COC #  | Customer Sample ID | Sample Matrix | Type |      | Date Sampled |          | Time Sampled |          | Is the sample Chlorinated?  |
|   |                    |               | Comp | Grab | Start Date   | End Date | Start Time   | End Time |   |
| 042-4421  | FINAL_DISCHARGE    | EF            | X    |      | 9/1/22       | →        | 1600         | →        | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
|   |                    |               |      |      |              |          |              |          | Yes <input type="checkbox"/> No <input type="checkbox"/>            |
|   |                    |               |      |      |              |          |              |          | Yes <input type="checkbox"/> No <input type="checkbox"/>            |
|   |                    |               |      |      |              |          |              |          | Yes <input type="checkbox"/> No <input type="checkbox"/>            |
|   |                    |               |      |      |              |          |              |          | Yes <input type="checkbox"/> No <input type="checkbox"/>            |
|   |                    |               |      |      |              |          |              |          | Yes <input type="checkbox"/> No <input type="checkbox"/>            |

|                  |              |              |              |
|------------------|--------------|--------------|--------------|
| Relinquished by: | Date: 9/1/22 | Accepted by: | Date: 9/1/22 |
|                  | Time: 1715   |              | Time: 1717   |
| Relinquished by: | Date:        | Accepted by: | Date:        |
|                  | Time:        |              | Time:        |
| Relinquished by: | Date:        | Accepted by: | Date:        |
|                  | Time:        |              | Time:        |
| Relinquished by: | Date:        | Accepted by: | Date:        |
|                  | Time:        |              | Time:        |

**Additional Notes:**

# VOLATILES

**Project Name:** LINEMASTER SEPT 2022 MONTHLY  
**Project Number:** 496698.0010.0010

**Lab Number:** L2247797  
**Report Date:** 09/22/22

**SAMPLE RESULTS**

Lab ID: L2247797-01  
 Client ID: FINAL-DISCHARGE  
 Sample Location: WOODSTOCK, CT

Date Collected: 09/01/22 15:45  
 Date Received: 09/02/22  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/22 10:50  
 Analyst: MKS

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

| Volatile Organics by GC/MS - Westborough Lab |    |  |      |     |     |   |
|--|----|--|------|-----|-----|---|
| Ethanol                                      | ND |  | ug/l | 250 | 14. | 1 |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 103        |           | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 100        |           | 70-130              |
| Dibromofluoromethane  | 104        |           | 70-130              |

**Project Name:** LINEMASTER SEPT 2022 MONTHLY**Lab Number:** L2247797**Project Number:** 496698.0010.0010**Report Date:** 09/22/22**SAMPLE RESULTS**

Lab ID: L2247797-01  
 Client ID: FINAL-DISCHARGE  
 Sample Location: WOODSTOCK, CT

Date Collected: 09/01/22 15:45  
 Date Received: 09/02/22  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 79,8260C  
 Analytical Date: 09/14/22 08:59  
 Analyst: MM

| Parameter   | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|---|--------|-----------|-------|-------|-------|-----------------|
| <b>CT RCP Volatile Organics - Westborough Lab</b> |        |           |       |       |       |                 |
| Methylene chloride                                | ND     |           | ug/l  | 5.00  | 0.678 | 1               |
| 1,1-Dichloroethane                                | ND     |           | ug/l  | 0.750 | 0.210 | 1               |
| Chloroform  | ND     |           | ug/l  | 0.750 | 0.222 | 1               |
| Carbon tetrachloride                              | ND     |           | ug/l  | 0.500 | 0.134 | 1               |
| 1,2-Dichloropropane                               | ND     |           | ug/l  | 1.75  | 0.137 | 1               |
| Dibromochloromethane                              | ND     |           | ug/l  | 0.500 | 0.149 | 1               |
| 1,1,2-Trichloroethane                             | ND     |           | ug/l  | 0.750 | 0.144 | 1               |
| Tetrachloroethene                                 | ND     |           | ug/l  | 0.500 | 0.181 | 1               |
| Chlorobenzene                                     | ND     |           | ug/l  | 0.500 | 0.178 | 1               |
| Trichlorofluoromethane                            | ND     |           | ug/l  | 2.50  | 0.161 | 1               |
| 1,2-Dichloroethane                                | ND     |           | ug/l  | 0.500 | 0.132 | 1               |
| 1,1,1-Trichloroethane                             | ND     |           | ug/l  | 0.500 | 0.158 | 1               |
| Bromodichloromethane                              | ND     |           | ug/l  | 0.500 | 0.192 | 1               |
| trans-1,3-Dichloropropene                         | ND     |           | ug/l  | 0.500 | 0.164 | 1               |
| cis-1,3-Dichloropropene                           | ND     |           | ug/l  | 0.500 | 0.144 | 1               |
| 1,3-Dichloropropene, Total                        | ND     |           | ug/l  | 0.500 | 0.144 | 1               |
| 1,1-Dichloropropene                               | ND     |           | ug/l  | 2.50  | 0.240 | 1               |
| Bromoform   | ND     |           | ug/l  | 2.00  | 0.248 | 1               |
| 1,1,1,2,2-Tetrachloroethane                       | ND     |           | ug/l  | 0.500 | 0.167 | 1               |
| Benzene   | ND     |           | ug/l  | 0.500 | 0.159 | 1               |
| Toluene   | 0.410  | J         | ug/l  | 0.750 | 0.203 | 1               |
| Ethylbenzene                                      | ND     |           | ug/l  | 0.500 | 0.167 | 1               |
| Chloromethane                                     | ND     |           | ug/l  | 2.50  | 0.200 | 1               |
| Bromomethane                                      | ND     |           | ug/l  | 1.00  | 0.256 | 1               |
| Vinyl chloride                                    | ND     |           | ug/l  | 1.00  | 0.071 | 1               |
| Chloroethane                                      | ND     |           | ug/l  | 1.00  | 0.134 | 1               |
| 1,1-Dichloroethene                                | ND     |           | ug/l  | 0.500 | 0.169 | 1               |
| trans-1,2-Dichloroethene                          | ND     |           | ug/l  | 0.750 | 0.163 | 1               |



**Project Name:** LINEMASTER SEPT 2022 MONTHLY**Lab Number:** L2247797**Project Number:** 496698.0010.0010**Report Date:** 09/22/22**SAMPLE RESULTS**

Lab ID: L2247797-01  
 Client ID: FINAL-DISCHARGE  
 Sample Location: WOODSTOCK, CT

Date Collected: 09/01/22 15:45  
 Date Received: 09/02/22  
 Field Prep: Not Specified

Sample Depth:

| Parameter   | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|---|--------|-----------|-------|-------|-------|-----------------|
| <b>CT RCP Volatile Organics - Westborough Lab</b> |        |           |       |       |       |                 |
| Trichloroethene                                   | ND     |           | ug/l  | 0.500 | 0.175 | 1               |
| 1,2-Dichlorobenzene                               | ND     |           | ug/l  | 2.50  | 0.184 | 1               |
| 1,3-Dichlorobenzene                               | ND     |           | ug/l  | 2.50  | 0.186 | 1               |
| 1,4-Dichlorobenzene                               | ND     |           | ug/l  | 2.50  | 0.187 | 1               |
| Methyl tert butyl ether                           | ND     |           | ug/l  | 1.00  | 0.166 | 1               |
| p/m-Xylene  | ND     |           | ug/l  | 1.00  | 0.332 | 1               |
| o-Xylene  | ND     |           | ug/l  | 1.00  | 0.392 | 1               |
| Xylenes, Total                                    | ND     |           | ug/l  | 1.00  | 0.332 | 1               |
| cis-1,2-Dichloroethene                            | 0.309  | J         | ug/l  | 0.500 | 0.187 | 1               |
| 1,2-Dichloroethene, Total                         | 0.309  | J         | ug/l  | 0.500 | 0.163 | 1               |
| Dibromomethane                                    | ND     |           | ug/l  | 5.00  | 0.363 | 1               |
| 1,2,3-Trichloropropane                            | ND     |           | ug/l  | 5.00  | 0.176 | 1               |
| Styrene   | ND     |           | ug/l  | 1.00  | 0.359 | 1               |
| Dichlorodifluoromethane                           | ND     |           | ug/l  | 5.00  | 0.244 | 1               |
| Acetone   | ND     |           | ug/l  | 5.00  | 1.46  | 1               |
| Carbon disulfide                                  | ND     |           | ug/l  | 5.00  | 0.299 | 1               |
| Methyl ethyl ketone                               | ND     |           | ug/l  | 5.00  | 1.94  | 1               |
| Methyl isobutyl ketone                            | ND     |           | ug/l  | 5.00  | 0.416 | 1               |
| 2-Hexanone  | ND     |           | ug/l  | 5.00  | 0.515 | 1               |
| Acrylonitrile                                     | ND     |           | ug/l  | 5.00  | 0.430 | 1               |
| Bromochloromethane                                | ND     |           | ug/l  | 2.50  | 0.152 | 1               |
| Tetrahydrofuran                                   | ND     |           | ug/l  | 5.00  | 0.525 | 1               |
| 2,2-Dichloropropane                               | ND     |           | ug/l  | 2.50  | 0.204 | 1               |
| 1,2-Dibromoethane                                 | ND     |           | ug/l  | 2.00  | 0.193 | 1               |
| 1,3-Dichloropropane                               | ND     |           | ug/l  | 2.50  | 0.212 | 1               |
| 1,1,1,2-Tetrachloroethane                         | ND     |           | ug/l  | 0.500 | 0.164 | 1               |
| Bromobenzene                                      | ND     |           | ug/l  | 2.50  | 0.152 | 1               |
| n-Butylbenzene                                    | ND     |           | ug/l  | 0.500 | 0.192 | 1               |
| sec-Butylbenzene                                  | ND     |           | ug/l  | 0.500 | 0.181 | 1               |
| tert-Butylbenzene                                 | ND     |           | ug/l  | 2.50  | 0.196 | 1               |
| o-Chlorotoluene                                   | ND     |           | ug/l  | 2.50  | 0.215 | 1               |
| p-Chlorotoluene                                   | ND     |           | ug/l  | 2.50  | 0.185 | 1               |
| 1,2-Dibromo-3-chloropropane                       | ND     |           | ug/l  | 2.50  | 0.353 | 1               |
| Hexachlorobutadiene                               | ND     |           | ug/l  | 0.600 | 0.217 | 1               |
| Isopropylbenzene                                  | ND     |           | ug/l  | 0.500 | 0.187 | 1               |
| p-Isopropyltoluene                                | ND     |           | ug/l  | 0.500 | 0.188 | 1               |
| Naphthalene                                       | ND     |           | ug/l  | 2.50  | 0.216 | 1               |

**Project Name:** LINEMASTER SEPT 2022 MONTHLY**Lab Number:** L2247797**Project Number:** 496698.0010.0010**Report Date:** 09/22/22**SAMPLE RESULTS**

Lab ID: L2247797-01  
 Client ID: FINAL-DISCHARGE  
 Sample Location: WOODSTOCK, CT

Date Collected: 09/01/22 15:45  
 Date Received: 09/02/22  
 Field Prep: Not Specified

Sample Depth:

| Parameter   | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|---|--------|-----------|-------|-------|-------|-----------------|
| <b>CT RCP Volatile Organics - Westborough Lab</b> |        |           |       |       |       |                 |
| n-Propylbenzene                                   | ND     |           | ug/l  | 0.500 | 0.173 | 1               |
| 1,2,3-Trichlorobenzene                            | ND     |           | ug/l  | 2.50  | 0.234 | 1               |
| 1,2,4-Trichlorobenzene                            | ND     |           | ug/l  | 2.50  | 0.220 | 1               |
| 1,3,5-Trimethylbenzene                            | ND     |           | ug/l  | 2.50  | 0.217 | 1               |
| 1,3,5-Trichlorobenzene                            | ND     |           | ug/l  | 1.00  | 0.199 | 1               |
| 1,2,4-Trimethylbenzene                            | ND     |           | ug/l  | 2.50  | 0.191 | 1               |
| trans-1,4-Dichloro-2-butene                       | ND     |           | ug/l  | 2.50  | 0.213 | 1               |
| Freon-113   | ND     |           | ug/l  | 2.00  | 0.148 | 1               |
| Ethyl ether                                       | ND     |           | ug/l  | 2.50  | 0.163 | 1               |
| Diisopropyl Ether                                 | ND     |           | ug/l  | 2.00  | 0.425 | 1               |
| 1,4-Dioxane                                       | ND     |           | ug/l  | 250   | 60.8  | 1               |
| tert-butyl alcohol                                | ND     |           | ug/l  | 10.0  | 1.40  | 1               |
| Tertiary-Amyl Methyl Ether                        | ND     |           | ug/l  | 2.00  | 0.278 | 1               |
| Ethyl-Tert-Butyl-Ether                            | ND     |           | ug/l  | 2.00  | 0.179 | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 101        |           | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 91         |           | 70-130              |
| Dibromofluoromethane  | 111        |           | 70-130              |

## METALS

**Project Name:** LINEMASTER SEPT 2022 MONTHLY**Lab Number:** L2247797**Project Number:** 496698.0010.0010**Report Date:** 09/22/22**SAMPLE RESULTS**

Lab ID: L2247797-01

Date Collected: 09/01/22 15:45

Client ID: FINAL-DISCHARGE

Date Received: 09/02/22

Sample Location: WOODSTOCK, CT

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter                                  | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|--|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| <b>CT RCP Total Metals - Mansfield Lab</b> |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Copper, Total                              | 0.0059 |           | mg/l  | 0.0010 | 0.0004 | 1                  | 09/07/22 21:50   | 09/22/22 12:30   | EPA 3005A      | 79,6020B             | SV      |
| Iron, Total                                | ND     |           | mg/l  | 0.050  | 0.019  | 1                  | 09/07/22 21:50   | 09/22/22 12:30   | EPA 3005A      | 79,6020B             | SV      |
| Lead, Total                                | 0.0012 |           | mg/l  | 0.0010 | 0.0003 | 1                  | 09/07/22 21:50   | 09/22/22 12:30   | EPA 3005A      | 79,6020B             | SV      |
| Zinc, Total                                | 0.0229 |           | mg/l  | 0.0100 | 0.0034 | 1                  | 09/07/22 21:50   | 09/22/22 12:30   | EPA 3005A      | 79,6020B             | SV      |



