708 Heartland Trl.
Suite 3000
Madison, WI 53717

T 608.826.3600
TRCcompanies.com

June 15, 2020

Ms. Erin Endsley
Hydrogeologist Program Director
Wisconsin Department of Natural Resources
1701 North 4th Street
Superior, WI 54880

Subject: April 2020 Groundwater Monitoring Data Transmittal
Stoughton City Landfill, Stoughton, Dane County, Wisconsin
USEPA ID #WID980901219; WDNR BRRTS #02-13-000880

Dear Ms. Endsley:

TRC completed the annual groundwater monitoring at the Stoughton City Landfill (site)(Attachment 1) between April 14 and 15, 2020. Groundwater monitoring activities included water level gauging and sampling at select wells in accordance with the Quality Control/Quality Assurance (QA/QC) Plan as approved by the Wisconsin Department of Natural Resources (WDNR). This letter summarizes the monitoring event.

## Groundwater Elevation Monitoring

At the request of the WDNR, TRC attempted to gauge the 38 site wells (including monitoring, extraction, and observation wells). A summary of the depths to water and groundwater elevations for select wells are included in Table 1. During the monitoring event, not all the wells were accessible for gauging and a few were under artisan flow conditions, in summary:

- TRC was able to gauge the depth to water or note artesian flow at 23 of the site wells including the 12 wells in the 2020 sampling plan and at MW-13I which was abandoned following the monitoring event.
- Monitoring wells MW-7I, MW-8S, MW-8I, MW-10I, and MW-13I had artisanal flow during the monitoring event.
- TRC did not have a key for monitoring wells MW-1S, MW-1D, and OW-4.
- Monitoring wells MW-2S, MW-2D, MW-6S, MW-6D, MW-11S, MW-11I, and MW-11D have weathered locks which were not functioning. This could be due to TRC not having the correct key or the well locks have ceased up and no longer functioning.
- Observation well OW-2 contains a packer to prevent artesian flow, which prevented collection of a water level.
- Extraction well EW-01 has an expandable well cap that could not be removed as the well was under pressure and TRC did not want to compromise the cap's seal.

## Groundwater Monitoring

Between April 14 and 15, 2020, TRC collected groundwater samples from 12 monitoring wells in accordance with the Quality Control/Quality Assurance (QA/QC) Plan as approved by the Wisconsin Department of Natural Resources (WDNR). Low-flow sampling methods with a peristaltic pump (for

non-artesian wells) and dedicated tubing were utilized during this event and samples were collected following stabilization as outlined in the QA/QC Plan. Quality control samples including two duplicates, one field blank, one trip blank, and one matrix spike/matrix spike duplicate (MS/MSD) samples were collected. Duplicate sample identification DUP-01 was collected from well MW-9I and DUP-02 was collected from well MW-5D. Dedicated tubing was used for sampling each well but at the request of the WDNR a field duplicate was collected from a section of new tubing similar to that used for each well. One MS/MSD sample was collected from monitoring well MW-10S.

The samples were packaged under proper chain of custody and shipped to Eurofins TestAmerica Chicago for analysis. Each sample was analyzed for volatile organic compounds (VOCs), Dichlorodifluoromethane (DCDFM), and/or Tetrahydrofuran (THF) in accordance with SW 826 – SW8260B. Field indicator (FI) parameters including pH, temperature, and specific conductance were collected from each well. A summary of the field indicating parameters from the monitoring event are included in Table 2.

## Groundwater Monitoring Evaluation

In review of the analytical results, dichlorodifluoromethane, dichlorofluoromethane, cis-1,2-dichloroethene, trichlorofluoromethane, tetrachloroethene (PCE) and trichloroethene (TCE) were reported above the laboratory limit of detection and/or quantitation at select wells, as shown in Table 3. PCE and TCE were the only compounds detected above the NR 140 Preventative Action Limits (PAL) and no exceedances of the NR 140 Enforcement Standards (ES) were reported for the parameters analyzed. PAL exceedances for PCE were reported in monitoring wells MW-10I (2.7 µg/L) and MW-14S (1.0 µg/L) and for TCE in monitoring well MW-9I (0.55 µg/L). These exceedances are comparative to historical concentrations reported at these wells.

An exceedance report summarizing reported detections above the NR 140 PALs and ESs for groundwater is included in Table 4 and the laboratory analytical report is included in Attachment 2.

Duplicate samples were collected from monitoring wells MW-5D and MW-9I and results were comparative to each parent sample as shown in Table 3. No detections of VOCs were reported in the trip blank. The field blank (FB-01) reported detections of benzene, naphthalene, toluene, and xylene. However, none of the monitoring well samples reported these compounds and the concentrations reported in FB-01 were below the NR 140 ES and PAL.

A certified compact disk containing field and laboratory data in an approved WDNR format, an Environmental Monitoring Data Certification Form (From 4400-231), and an exceedance report were provided to the WDNR GEMS Data Manager for their use.

## Monitoring Well Abandonment

On April 17, 2020, TRC and its environmental subcontractor Onsite Environmental Services, Inc. abandoned monitoring well MW-13I as requested in the December 9, 2020 request for bid. The well was abandoned in accordance with Wisconsin Chapter NR 141 and the well abandonment form is included in Attachment 3.

Please feel free to contact Andrew Stehn at astehn@trccompanies.com or 608-826-3665, if you have questions.

Sincerely,

TRC

Andrew M. Stehn, P.E.
Project Manager

Attachments: Table 1 – Groundwater Elevation Summary
Table 2 – Field Parameters
Table 3 – April 2020 Groundwater Analytical Summary Table
Table 4 – Parameters That Exceed Current NR140 Standards
Attachment 1 – Site Figure
Attachment 2 – Laboratory Analytical Report
Attachment 3 – MW-13I Well Abandonment Form

cc: Giang Van Nguyen – USEPA Region V (electronic only)

# Tables

**Table 1: Groundwater Elevation Summary**
**Stoughton City Landfill**
**Stoughton, Dane County, Wisconsin**
**TRC No. 375007.0000.0000**

| Well ID | Date | Screen Length (ft) | Well Depth (ft) | Reference Elevation (ft MSL) | Depth to Water (ft) | Groundwater Elevation (ft MSL) |
|---|---|---|---|---|---|---|
| MW-1S | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-1D | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-2S | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-2D | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-3S | 04/14/20 | | 19.4 | -- | 8.16 | -- |
| MW-3D | 04/14/20 | 10 | 73.0 | 855.17 | 8.35 | 846.82 |
| MW-3B | 04/14/20 | -- | 95.0 | -- | 9.21 | -- |
| MW-4S | 04/14/20 | -- | 15.2 | -- | 5.81 | -- |
| MW-4D | 04/14/20 | 10 | 74.0 | 852.08 | 5.73 | 846.35 |
| MW-5S | 04/14/20 | -- | 16.6 | -- | 5.81 | -- |
| MW-5D | 04/14/20 | 10 | 77.0 | 852.35 | 5.62 | 846.73 |
| MW-6S | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-6D | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-7S | 04/14/20 | -- | 15.1 | -- | 4.13 | -- |
| MW-7I | 04/14/20 | 10 | 60 | 843.99 | 0.00 | 843.99 |
| MW-8S | 04/14/20 | -- | 33 | -- | 0.00 | -- |
| MW-8I | 04/14/20 | 10 | 62.4 | 846.32 | 0.00 | 846.32 |
| MW-8B | 04/14/20 | -- | 39.5 | -- | 0.55 | -- |
| MW-9S | 04/14/20 | 10 | 13.4 | 847.23 | 1.03 | 846.20 |
| MW-9I | 04/14/20 | 10 | 47.2 | 847.14 | 1.06 | 846.08 |
| MW-9B | 04/14/20 | 10 | 83.3 | 846.68 | 0.84 | 845.84 |
| MW-10S | 04/14/20 | 10 | 16.9 | 846.88 | 2.97 | 843.91 |
| MW-10I | 04/14/20 | 10 | -- | 845.86 | 0.00 | 845.86 |
| MW-11S | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-11I | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-11D | 04/14/20 | -- | -- | -- | NM(1) | -- |
| MW-13S | 04/14/20 | -- | 16.7 | -- | 3.68 | -- |
| MW-13I | 04/14/20 | 10 | 57.5 | 853.02 | 0.00 | 853.02 |
| MW-14S | 04/14/20 | 10 | 26.2 | 848.73 | 2.45 | 846.28 |
| MW-14I | 04/14/20 | 10 | 51.2 | 847.38 | 1.28 | 846.10 |
| MW-14D | 04/14/20 | -- | 89.6 | -- | 0.82 | -- |
| MW-15S | 04/14/20 | -- | 16.6 | -- | 3.82 | -- |
| MW-15I | 04/14/20 | -- | 57.4 | -- | 1.24 | -- |
| MW-15D | 04/14/20 | -- | 85.9 | -- | 1.38 | -- |
| OW-2 | 04/14/20 | -- | -- | -- | NM(2) | -- |
| OW-3 | 04/14/20 | -- | -- | -- | 4.25 | -- |
| OW-4 | 04/14/20 | -- | -- | -- | NM(1) | -- |
| EW-01 | 04/14/20 | -- | -- | -- | NM(3) | -- |

Notes:
MSL = Mean Sea Level
-- = Well information not available

Created By: W. Braga 5/1/2020
Checked By: A.Stehn 6/11/2020

Footnotes

(1) Unable to collect measurement due to inability to open lock.

(2) Packer in well to stop artesian flow.

(3) Expandable cap not fully removed as well was under pressure likely due to artisan conditions and TRC did not want to compromise the seal on the well

**Table 2: Field Parameters**
**Stoughton City Landfill**
**Stoughton, Dane County, Wisconsin**
**TRC No. 375007.0000.0000**

| Well ID | Date | Temperature (°C) | Specific Conductivity (µS/cm) | pH (SU) |
|---|---|---|---|---|
| MW-3D | 04/14/20 | 7.42 | 755.42 | 7.79 |
| MW-4D | 04/14/20 | 9.04 | 889.70 | 7.76 |
| MW-5D | 04/15/20 | 8.57 | 754.65 | 6.91 |
| MW-7I | 04/15/20 | 9.47 | 837.83 | 6.73 |
| MW-8I | 04/15/20 | 8.85 | 1035.35 | 6.63 |
| MW-9S | 04/14/20 | 8.65 | 717.76 | 7.61 |
| MW-9I | 04/14/20 | 7.45 | 712.84 | 7.61 |
| MW-9B | 04/14/20 | 7.90 | 790.62 | 7.43 |
| MW-10S | 04/15/20 | 5.95 | 606.20 | 6.57 |
| MW-10I | 04/15/20 | 9.89 | 786.12 | 6.62 |
| MW-14S | 04/15/20 | 8.47 | 409.69 | 6.86 |
| MW-14I | 04/15/20 | 9.51 | 772.57 | 6.80 |

Created By: W. Braga, 5/1/2020
Checked By: A. Stehn, 5/4/2020

**Table 3: April 2020 Groundwater Analytical Summary Table**
**Stoughton City Landfill**
**Stoughton, Dane County, Wisconsin**
**TRC No. 375007.0000.0000**

| | | VOCs | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | **cis-1,2-Dichloroethene (ug/L)** | **Dichloro-difluoromethane (ug/L)** | **Dichloro-fluoromethane (ug/L)** | **Tetra-chloroethene (ug/L)** | **Trichloro-ethene (ug/L)** | **Trichloro-fluoromethane (ug/L)** | **Vinyl Chloride (ug/L)** |
| **Preventive Action Limit** | | 7 | 200 | -- | 0.5 | 0.5 | 698 | 0.02 |
| **Enforcement Standard** | | 70 | 1000 | -- | 5 | 5 | 3490 | 0.2 |
| MW-3D | 04/14/20 | -- | <0.67 | -- | -- | -- | -- | -- |
| MW-4D | 04/14/20 | -- | <0.67 | -- | -- | -- | -- | -- |
| MW-5D | 04/15/20 | -- | <0.67 | -- | -- | -- | -- | -- |
| MW-5D DUP | | -- | <0.67 | -- | -- | -- | -- | -- |
| MW-7I | 04/15/20 | -- | <0.67 | -- | -- | -- | -- | -- |
| MW-8I | 04/15/20 | -- | <0.67 | -- | -- | -- | -- | -- |
| MW-9S | 04/14/20 | <0.41 | 23 | 26 | <0.37 | 0.44 J | <0.43 | <0.20 |
| MW-9I | 04/14/20 | 0.60 J | 21 | 15 | <0.37 | *0.55* | <0.43 | <0.20 |
| MW-9I DUP | | 0.63 J | 18 | 15 | <0.37 | *0.63* | <0.43 | -- |
| MW-9B | 04/14/20 | <0.41 | 4.1 | 2.1 | <0.37 | <0.16 | 2.8 | <0.20 |
| MW-10S | 04/15/20 | <0.41 | <0.67 | 1.1 | <0.37 | <0.16 | <0.43 | <0.20 |
| MW-10I | 04/15/20 | <0.41 | 4.1 | 4.2 | *2.7* | 0.34 J | <0.43 | <0.20 |
| MW-14S | 04/15/20 | <0.41 | <0.67 | 2.3 | *1.0* | <0.16 | <0.43 | <0.20 |
| MW-14I | 04/15/20 | <0.41 | <0.67 | 7.5 | <0.37 | <0.16 | <0.43 | <0.20 |
| FB-01[10] | 04/15/20 | <0.41 | <0.67 | <0.38 | <0.37 | <0.16 | <0.43 | <0.20 |

Notes:

Created By: A. Stehn, 6/5/2020
Checked By: L. Hoerning, 6/10/2020

1. µg/l = micrograms per liter (ppb).
2. VOCs = Volatile organic compounds, analyzed using EPA Method 8260B
3. -- = indicates parameter was not laboratory analyzed during this monitoring event.
4. J = Reported value was between the limit of detection and limit of quantitation.
5. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
6. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
7. **BOLD** = Exceedence (or potential exceedence if J- or B-flagged) of the NR 140, WAC ES.
8. *Italics* = Exceedence (or potential exceedence if J- or B-flagged) of the NR 140, WAC PAL.
9. A trip blank was collected during the groundwater monitoring event and no volatile organic compounds were reported above the method detection limits.
10. A field blank was collected during the groundwater monitoring event and detections of benzene, naphthalene, toluene, and xylene were reported. However, none of the monitoring well samples reported these compounds and the concentrations were below the NR 140 ES or PAL.
11. Only analytes that were detected in at least one sample are shown in the table with the exception of the field blank sample FB-01.

**Table 4: Parameters That Exceed Current NR140 Standards**
**Stoughton City Landfill**
**Stoughton, Dane County, Wisconsin**
**April 2020**
**TRC No. 375007.0000.0000**

| Chemical Parameter | Units | NR 140 PAL | NR 140 ES | Well ID | Date | Result | Data Flags | Exceedance |
|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | µg/L | 0.5 | 5 | MW-10I | 4/15/2020 | *2.7* | -- | PAL |
| | | | | MW-14S | 4/15/2020 | *1* | -- | PAL |
| Trichloroethene | µg/L | 0.5 | 5 | MW-9I | 4/14/2020 | *0.55* | -- | PAL |
| | | | | MW-9I DUP | 4/14/2020 | *0.63* | -- | PAL |

Notes:

Created By: A. Stehn, 6/5/2020

Checked By: L. Hoerning, 6/10/2020

1. µg/l = micrograms per liter (ppb).
2. -- = no data flags reported
3. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
4. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
5. **BOLD** = Exceedence (or potential exceedence if J- or B-flagged) of the NR 140, WAC ES.
6. *Italics* = Exceedence (or potential exceedence if J- or B-flagged) of the NR 140, WAC PAL.

# Attachment 1

# Site Figure

MW-12 CLUSTER LOCATED

APPROXIMATELY 1,000' EAST

EAST-WEST 1/4 LINE

APPROX. WETLAND BOUNDARY

EXISTING WETLANDS

APPROXIMATE WETLAND BOUNDARY

CAPPING LIMITS

N02°54'40"W 667.82'

N02°04'20"W 1143.57'

RIP-RAP

24" RCP

GUY WIRES

AMUNDSON PARKWAY

66' 33'

GRAVEL DRIVE

EXISTING CONDOMINIUM COMPLEX

PROPERTY OWNER:
SKALEN SUNSET HOME, INC.
400 NORTH MORRIS STREET
STOUGHTON, WI 53589

LANDS OWNED BY THE CITY OF STOUGHTON

WEST GATE

EXISTING WETLANDS

## LEGEND

- BENCHMARK
- POWER POLE
- SEWER MANHOLE
- WATER VALVE
- CHAIN LINK FENCE
- PROPERTY LINE
- WETLAND BOUNDARY
- SANITARY SEWER LINE
- WATER LINE
- TELEPHONE LINE
- OVERHEAD UTILITY LINE
- CAPPING LIMITS
- 850 TOPSOIL CONTOUR (1' INTERVAL)
- DECIDUOUS TREE
- TREE LINE
- WOOD FENCE
- CHAINLINK FENCE
- GAS VENT RISER
- MONITORING WELL
- FIRE HYDRANT
- CONTROL POINT

NOTES:

1. ORIGINAL MAP BASED ON REI SURVEYING MAP DRAWN 02/01/99 BY THOMAS A. RADENZ.
2. THE LOCATION OF UNDERGROUND UTILITIES ARE OBTAINED FROM FIELD MEASUREMENTS AND CITY OF STOUGHTON RECORDS. FIELD VERIFY.
3. REVISION TO THIS SITE PLANMADE BY TRC TO NOTE THE ABANDONMENT OF MW-13I

MW-13S
MW-13I (ABANDONED - 4/17/2020)
853.02
MW-13D
(ABANDONED)

OW-04
EW-01
OW-01 (ABANDONED)
OW-03
OW-02

MW-6D
MW-6S
MW-5S
845.72
MW-5D
845.14
MW-9I
845.68
MW-9S
MW-9B
844.88
MW-14D
MW-14S
845.20
MW-14I
844.98
MW-4S
MW-4D
845.38
MW-3S
MW-3D
845.85
MW-3B
MW-11D
MW-11I
MW-11S
MW-10I
845.86
843.79
MW-10S
MW-10D
(ABANDONED)
MW-8S
MW-8I
845.67
MW-8B
MW-7S
MW-7I
843.99
MW-7B
(ABANDONED)
MW-15S
MW-15I
MW-15D
MW-2S
MW-2D
MW-1D
MW-1S
BM#1
GMP-1
GMP-3
CP-21
CP-19
CP-4
CP-5
872.63

GV-1 GV-2 GV-3 GV-4 GV-5 GV-6 GV-7 GV-8 GV-9 GV-10 GV-11 GV-12 GV-13 GV-14 GV-15 GV-16 GV-17 GV-18 GV-19 GV-20 GV-21

130+00 129+00 128+00 127+00 126+00 125+00 124+00 123+00 122+00 121+00 120+00

391+00 390+00 389+00 388+00 387+00 386+00 385+00 384+00 383+00 382+00 381+00 380+00 379+00 378+00 377+00 375+00 374+00 373+00 372+00

N

60 0 60

SCALE: 1" = 60'

SHEET 1

SITE PLAN

STOUGHTON CITY LANDFILL
STOUGHTON, WISCONSIN

SITE

DEPARTMENT OF NATURAL RESOURCES
101 S. WEBSTER STREET
MADISON, WI 53702

CLIENT

SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718-6751
PHONE: (608) 224-2830

ENGINEER

| | | | |
|---|---|---|---|
| DRAWN BY: | AHB | | |
| CHECKED BY: | SS | | |
| APPROVED BY: | LAB 05/31/16 | | |
| PROJECT NO. | 25216022.00 | | |
| DRAWN: | 06/06/00 | | |
| REVISED: | 05/26/16 | | |

# Attachment 2

# Laboratory Analytical Report

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-180841-1
Client Project/Site: Stoughton LF - 375007

For:
TRC Environmental Corporation.
708 Heartland Trail
Suite 3000
Madison, Wisconsin 53717

Attn: Andrew Stehn

*Authorized for release by:*
*5/8/2020 1:52:53 PM*

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

## Job ID: 500-180841-1

### Laboratory: Eurofins TestAmerica, Chicago

**Narrative**

**Job Narrative**
**500-180841-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 4/17/2020 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

**GC/MS VOA**
Method 8260B: The continuing calibration verification (CCV) associated with batch 539448 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-9S (500-180841-6), MW-9I (500-180841-7), MW-9B (500-180841-8), MW-10S (500-180841-9), MW-10S (500-180841-9[MS]), MW-10S (500-180841-9[MSD]), MW-10I (500-180841-10), MW-14S (500-180841-11), MW-14I (500-180841-12), DUP-01 (500-180841-13), FB-01 (500-180841-15) and Trip Blank (500-180841-16).

Method 8260B: The laboratory control sample (LCS) for 539448 recovered outside control limits for Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.MW-9S (500-180841-6), MW-9I (500-180841-7), MW-9B (500-180841-8), MW-10S (500-180841-9), MW-10S (500-180841-9[MS]), MW-10S (500-180841-9[MSD]), MW-10I (500-180841-10), MW-14S (500-180841-11), MW-14I (500-180841-12), DUP-01 (500-180841-13), FB-01 (500-180841-15) and Trip Blank (500-180841-16)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-3D — Lab Sample ID: 500-180841-1

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Field Conductivity | 755.42 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 7.79 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 7.42 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.82 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-4D — Lab Sample ID: 500-180841-2

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Field Conductivity | 889.70 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 7.76 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 9.04 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.35 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-5D — Lab Sample ID: 500-180841-3

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Field Conductivity | 754.65 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 6.91 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 8.57 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.73 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-7I — Lab Sample ID: 500-180841-4

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Field Conductivity | 837.83 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 6.73 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 9.47 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 843.99 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-8I — Lab Sample ID: 500-180841-5

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Field Conductivity | 1035.35 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 6.63 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 8.85 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.32 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-9S — Lab Sample ID: 500-180841-6

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 23 | | 3.0 | 0.67 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorofluoromethane | 26 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.44 | J | 0.50 | 0.16 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 717.76 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 7.61 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 8.65 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.20 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-9I — Lab Sample ID: 500-180841-7

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 0.60 | J | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorodifluoromethane | 21 | | 3.0 | 0.67 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorofluoromethane | 15 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: MW-9I (Continued) — Lab Sample ID: 500-180841-7

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.55 | | 0.50 | 0.16 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 712.84 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 7.61 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 7.45 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.08 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-9B — Lab Sample ID: 500-180841-8

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 4.1 | | 3.0 | 0.67 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorofluoromethane | 2.1 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Trichlorofluoromethane | 2.8 | | 1.0 | 0.43 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 790.62 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 7.43 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 7.90 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 845.84 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-10S — Lab Sample ID: 500-180841-9

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorofluoromethane | 1.1 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 606.20 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 6.57 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 5.95 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 843.91 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-10I — Lab Sample ID: 500-180841-10

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 4.1 | | 3.0 | 0.67 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorofluoromethane | 4.2 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 2.7 | | 1.0 | 0.37 | ug/L | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.34 | J | 0.50 | 0.16 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 786.12 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 6.62 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 9.89 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 845.86 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-14S — Lab Sample ID: 500-180841-11

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorofluoromethane | 2.3 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.0 | | 1.0 | 0.37 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 409.69 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Field pH | 6.86 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 8.47 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.28 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: MW-14I — Lab Sample ID: 500-180841-12

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorofluoromethane | 7.5 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Field Conductivity | 772.57 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-14I (Continued) — Lab Sample ID: 500-180841-12

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Field pH | 6.80 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 9.51 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Groundwater Elevation (ft MSL) | 846.10 | | | | ft | 1 | | Field Sampling | Total/NA |

## Client Sample ID: DUP-01 — Lab Sample ID: 500-180841-13

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 0.63 | J | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorodifluoromethane | 18 | | 3.0 | 0.67 | ug/L | 1 | | 8260B | Total/NA |
| Dichlorofluoromethane | 15 | | 1.0 | 0.38 | ug/L | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.63 | | 0.50 | 0.16 | ug/L | 1 | | 8260B | Total/NA |

## Client Sample ID: DUP-02 — Lab Sample ID: 500-180841-14

No Detections.

## Client Sample ID: FB-01 — Lab Sample ID: 500-180841-15

| Analyte | Result | Qualifier | LOQ | LOD | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.37 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Naphthalene | 0.36 | J B | 1.0 | 0.34 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 2.3 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Xylenes, Total | 1.5 | | 1.0 | 0.22 | ug/L | 1 | | 8260B | Total/NA |

## Client Sample ID: Trip Blank — Lab Sample ID: 500-180841-16

No Detections.

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| Field Sampling | Field Sampling | EPA | TAL CHI |
| 5030B | Purge and Trap | SW846 | TAL CHI |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 500-180841-1 | MW-3D | Ground Water | 04/14/20 12:32 | 04/17/20 09:45 | |
| 500-180841-2 | MW-4D | Ground Water | 04/14/20 13:38 | 04/17/20 09:45 | |
| 500-180841-3 | MW-5D | Ground Water | 04/15/20 10:00 | 04/17/20 09:45 | |
| 500-180841-4 | MW-7I | Ground Water | 04/15/20 14:28 | 04/17/20 09:45 | |
| 500-180841-5 | MW-8I | Ground Water | 04/15/20 15:10 | 04/17/20 09:45 | |
| 500-180841-6 | MW-9S | Ground Water | 04/14/20 15:01 | 04/17/20 09:45 | |
| 500-180841-7 | MW-9I | Ground Water | 04/14/20 16:17 | 04/17/20 09:45 | |
| 500-180841-8 | MW-9B | Ground Water | 04/14/20 15:35 | 04/17/20 09:45 | |
| 500-180841-9 | MW-10S | Ground Water | 04/15/20 13:08 | 04/17/20 09:45 | |
| 500-180841-10 | MW-10I | Ground Water | 04/15/20 13:35 | 04/17/20 09:45 | |
| 500-180841-11 | MW-14S | Ground Water | 04/15/20 11:03 | 04/17/20 09:45 | |
| 500-180841-12 | MW-14I | Ground Water | 04/15/20 11:42 | 04/17/20 09:45 | |
| 500-180841-13 | DUP-01 | Ground Water | 04/14/20 00:00 | 04/17/20 09:45 | |
| 500-180841-14 | DUP-02 | Ground Water | 04/15/20 00:00 | 04/17/20 09:45 | |
| 500-180841-15 | FB-01 | Water | 04/15/20 17:04 | 04/17/20 09:45 | |
| 500-180841-16 | Trip Blank | Water | 04/14/20 00:00 | 04/17/20 09:45 | |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-3D

**Date Collected: 04/14/20 12:32**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-1

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 17:32 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 17:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *72 - 124* | | *04/24/20 17:32* | *1* |
| *Dibromofluoromethane* | *110* | | *75 - 120* | | *04/24/20 17:32* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *75 - 126* | | *04/24/20 17:32* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *75 - 120* | | *04/24/20 17:32* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **755.42** | | | | umhos/cm | | | 04/14/20 12:32 | 1 |
| **Field pH** | **7.79** | | | | SU | | | 04/14/20 12:32 | 1 |
| **Field Temperature** | **7.42** | | | | Degrees C | | | 04/14/20 12:32 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.82** | | | | ft | | | 04/14/20 12:32 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-4D

**Date Collected: 04/14/20 13:38**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-2

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 17:58 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 17:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *72 - 124* | | *04/24/20 17:58* | *1* |
| *Dibromofluoromethane* | *108* | | *75 - 120* | | *04/24/20 17:58* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *75 - 126* | | *04/24/20 17:58* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *75 - 120* | | *04/24/20 17:58* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **889.70** | | | | umhos/cm | | | 04/14/20 13:38 | 1 |
| **Field pH** | **7.76** | | | | SU | | | 04/14/20 13:38 | 1 |
| **Field Temperature** | **9.04** | | | | Degrees C | | | 04/14/20 13:38 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.35** | | | | ft | | | 04/14/20 13:38 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-5D

**Date Collected: 04/15/20 10:00**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-3

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 18:24 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 18:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *72 - 124* | | *04/24/20 18:24* | *1* |
| *Dibromofluoromethane* | *107* | | *75 - 120* | | *04/24/20 18:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *75 - 126* | | *04/24/20 18:24* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *75 - 120* | | *04/24/20 18:24* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **754.65** | | | | umhos/cm | | | 04/15/20 10:00 | 1 |
| **Field pH** | **6.91** | | | | SU | | | 04/15/20 10:00 | 1 |
| **Field Temperature** | **8.57** | | | | Degrees C | | | 04/15/20 10:00 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.73** | | | | ft | | | 04/15/20 10:00 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-7I

**Date Collected: 04/15/20 14:28**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-4

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 18:50 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 18:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *72 - 124* | | *04/24/20 18:50* | *1* |
| *Dibromofluoromethane* | *108* | | *75 - 120* | | *04/24/20 18:50* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *75 - 126* | | *04/24/20 18:50* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *75 - 120* | | *04/24/20 18:50* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **837.83** | | | | umhos/cm | | | 04/15/20 14:28 | 1 |
| **Field pH** | **6.73** | | | | SU | | | 04/15/20 14:28 | 1 |
| **Field Temperature** | **9.47** | | | | Degrees C | | | 04/15/20 14:28 | 1 |
| **Groundwater Elevation (ft MSL)** | **843.99** | | | | ft | | | 04/15/20 14:28 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-8I

**Date Collected: 04/15/20 15:10**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-5

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 19:16 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 19:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 124* | | *04/24/20 19:16* | *1* |
| *Dibromofluoromethane* | *107* | | *75 - 120* | | *04/24/20 19:16* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *75 - 126* | | *04/24/20 19:16* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *75 - 120* | | *04/24/20 19:16* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **1035.35** | | | | umhos/cm | | | 04/15/20 15:10 | 1 |
| **Field pH** | **6.63** | | | | SU | | | 04/15/20 15:10 | 1 |
| **Field Temperature** | **8.85** | | | | Degrees C | | | 04/15/20 15:10 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.32** | | | | ft | | | 04/15/20 15:10 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-9S

**Date Collected: 04/14/20 15:01**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-6

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 11:24 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:24 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:24 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 11:24 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 11:24 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 11:24 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:24 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 11:24 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 11:24 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 11:24 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 11:24 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:24 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:24 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 11:24 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:24 | 1 |
| **Dichlorodifluoromethane** | **23** | | 3.0 | 0.67 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| **Dichlorofluoromethane** | **26** | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:24 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 11:24 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 11:24 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 11:24 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 11:24 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 11:24 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 11:24 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:24 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:24 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:24 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:24 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:24 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 11:24 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 11:24 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 11:24 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: MW-9S**
**Date Collected: 04/14/20 15:01**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-6**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:24 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:24 | 1 |
| **Trichloroethene** | **0.44** | **J** | 0.50 | 0.16 | ug/L | | | 04/23/20 11:24 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:24 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 11:24 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 11:24 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 11:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *72 - 124* | | *04/23/20 11:24* | *1* |
| *Dibromofluoromethane* | *104* | | *75 - 120* | | *04/23/20 11:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *75 - 126* | | *04/23/20 11:24* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *75 - 120* | | *04/23/20 11:24* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **717.76** | | | | umhos/cm | | | 04/14/20 15:01 | 1 |
| **Field pH** | **7.61** | | | | SU | | | 04/14/20 15:01 | 1 |
| **Field Temperature** | **8.65** | | | | Degrees C | | | 04/14/20 15:01 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.20** | | | | ft | | | 04/14/20 15:01 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-9I

**Date Collected: 04/14/20 16:17**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-7

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 11:48 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:48 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:48 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 11:48 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 11:48 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 11:48 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:48 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 11:48 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 11:48 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 11:48 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 11:48 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:48 | 1 |
| **cis-1,2-Dichloroethene** | **0.60** | **J** | 1.0 | 0.41 | ug/L | | | 04/23/20 11:48 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 11:48 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:48 | 1 |
| **Dichlorodifluoromethane** | **21** | | 3.0 | 0.67 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| **Dichlorofluoromethane** | **15** | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:48 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 11:48 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 11:48 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 11:48 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 11:48 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 11:48 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 11:48 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:48 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:48 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:48 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:48 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:48 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 11:48 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 11:48 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 11:48 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-9I

**Date Collected: 04/14/20 16:17**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-7

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:48 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:48 | 1 |
| **Trichloroethene** | **0.55** | | 0.50 | 0.16 | ug/L | | | 04/23/20 11:48 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:48 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 11:48 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 11:48 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 11:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *72 - 124* | | *04/23/20 11:48* | *1* |
| *Dibromofluoromethane* | *103* | | *75 - 120* | | *04/23/20 11:48* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *75 - 126* | | *04/23/20 11:48* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *75 - 120* | | *04/23/20 11:48* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **712.84** | | | | umhos/cm | | | 04/14/20 16:17 | 1 |
| **Field pH** | **7.61** | | | | SU | | | 04/14/20 16:17 | 1 |
| **Field Temperature** | **7.45** | | | | Degrees C | | | 04/14/20 16:17 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.08** | | | | ft | | | 04/14/20 16:17 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-9B

**Date Collected: 04/14/20 15:35**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-8

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 12:12 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:12 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 12:12 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 12:12 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 12:12 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 12:12 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 12:12 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 12:12 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 12:12 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 12:12 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 12:12 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 12:12 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 12:12 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 12:12 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:12 | 1 |
| **Dichlorodifluoromethane** | **4.1** | | 3.0 | 0.67 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| **Dichlorofluoromethane** | **2.1** | | 1.0 | 0.38 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:12 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 12:12 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 12:12 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 12:12 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 12:12 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 12:12 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 12:12 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 12:12 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:12 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:12 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:12 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:12 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 12:12 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 12:12 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 12:12 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: MW-9B**
**Date Collected: 04/14/20 15:35**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-8**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 12:12 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 12:12 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 12:12 | 1 |
| **Trichlorofluoromethane** | **2.8** | | 1.0 | 0.43 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:12 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 12:12 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 12:12 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 12:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *72 - 124* | | *04/23/20 12:12* | *1* |
| *Dibromofluoromethane* | *107* | | *75 - 120* | | *04/23/20 12:12* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *75 - 126* | | *04/23/20 12:12* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *75 - 120* | | *04/23/20 12:12* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **790.62** | | | | umhos/cm | | | 04/14/20 15:35 | 1 |
| **Field pH** | **7.43** | | | | SU | | | 04/14/20 15:35 | 1 |
| **Field Temperature** | **7.90** | | | | Degrees C | | | 04/14/20 15:35 | 1 |
| **Groundwater Elevation (ft MSL)** | **845.84** | | | | ft | | | 04/14/20 15:35 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-10S

**Date Collected: 04/15/20 13:08**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-9

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 12:36 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:36 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 12:36 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 12:36 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 12:36 | 1 |
| Bromomethane | <0.80 | ^c F1 * | 3.0 | 0.80 | ug/L | | | 04/23/20 12:36 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 12:36 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 12:36 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 12:36 | 1 |
| Chloromethane | <0.32 | F1 | 1.0 | 0.32 | ug/L | | | 04/23/20 12:36 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 12:36 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 12:36 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 12:36 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 12:36 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| Dibromomethane | <0.27 | F1 | 1.0 | 0.27 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:36 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| **Dichlorofluoromethane** | **1.1** | | 1.0 | 0.38 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:36 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 12:36 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 12:36 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 12:36 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 12:36 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 12:36 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 12:36 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 12:36 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:36 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:36 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 12:36 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 12:36 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 12:36 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 12:36 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 12:36 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-10S

**Date Collected: 04/15/20 13:08**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-9

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 12:36 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 12:36 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 12:36 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 12:36 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 12:36 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 12:36 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *72 - 124* | | *04/23/20 12:36* | *1* |
| *Dibromofluoromethane* | *105* | | *75 - 120* | | *04/23/20 12:36* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *75 - 126* | | *04/23/20 12:36* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *75 - 120* | | *04/23/20 12:36* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **606.20** | | | | umhos/cm | | | 04/15/20 13:08 | 1 |
| **Field pH** | **6.57** | | | | SU | | | 04/15/20 13:08 | 1 |
| **Field Temperature** | **5.95** | | | | Degrees C | | | 04/15/20 13:08 | 1 |
| **Groundwater Elevation (ft MSL)** | **843.91** | | | | ft | | | 04/15/20 13:08 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-10I

**Date Collected: 04/15/20 13:35**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-10

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 13:00 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:00 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:00 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 13:00 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 13:00 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 13:00 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:00 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 13:00 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 13:00 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 13:00 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 13:00 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:00 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:00 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 13:00 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:00 | 1 |
| **Dichlorodifluoromethane** | **4.1** | | 3.0 | 0.67 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| **Dichlorofluoromethane** | **4.2** | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:00 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 13:00 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 13:00 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 13:00 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 13:00 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 13:00 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 13:00 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:00 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:00 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:00 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:00 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:00 | 1 |
| **Tetrachloroethene** | **2.7** | | 1.0 | 0.37 | ug/L | | | 04/23/20 13:00 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 13:00 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 13:00 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: MW-10I**
**Date Collected: 04/15/20 13:35**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-10**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:00 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:00 | 1 |
| **Trichloroethene** | **0.34** | **J** | 0.50 | 0.16 | ug/L | | | 04/23/20 13:00 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:00 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 13:00 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 13:00 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 13:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *72 - 124* | | *04/23/20 13:00* | *1* |
| *Dibromofluoromethane* | *100* | | *75 - 120* | | *04/23/20 13:00* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *75 - 126* | | *04/23/20 13:00* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *75 - 120* | | *04/23/20 13:00* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **786.12** | | | | umhos/cm | | | 04/15/20 13:35 | 1 |
| **Field pH** | **6.62** | | | | SU | | | 04/15/20 13:35 | 1 |
| **Field Temperature** | **9.89** | | | | Degrees C | | | 04/15/20 13:35 | 1 |
| **Groundwater Elevation (ft MSL)** | **845.86** | | | | ft | | | 04/15/20 13:35 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-14S

**Date Collected: 04/15/20 11:03**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-11

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 13:24 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:24 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:24 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 13:24 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 13:24 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 13:24 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:24 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 13:24 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 13:24 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 13:24 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 13:24 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:24 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:24 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 13:24 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:24 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| **Dichlorofluoromethane** | **2.3** | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:24 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 13:24 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 13:24 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 13:24 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 13:24 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 13:24 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 13:24 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:24 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:24 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:24 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:24 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:24 | 1 |
| **Tetrachloroethene** | **1.0** | | 1.0 | 0.37 | ug/L | | | 04/23/20 13:24 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 13:24 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 13:24 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: MW-14S**
**Date Collected: 04/15/20 11:03**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-11**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:24 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:24 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 13:24 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:24 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 13:24 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 13:24 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 13:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *72 - 124* | | *04/23/20 13:24* | *1* |
| *Dibromofluoromethane* | *101* | | *75 - 120* | | *04/23/20 13:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *75 - 126* | | *04/23/20 13:24* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *75 - 120* | | *04/23/20 13:24* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **409.69** | | | | umhos/cm | | | 04/15/20 11:03 | 1 |
| **Field pH** | **6.86** | | | | SU | | | 04/15/20 11:03 | 1 |
| **Field Temperature** | **8.47** | | | | Degrees C | | | 04/15/20 11:03 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.28** | | | | ft | | | 04/15/20 11:03 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-14I

**Date Collected: 04/15/20 11:42**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-12

**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 13:48 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:48 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:48 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 13:48 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 13:48 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 13:48 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:48 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 13:48 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 13:48 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 13:48 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 13:48 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:48 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:48 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 13:48 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:48 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| **Dichlorofluoromethane** | **7.5** | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:48 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 13:48 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 13:48 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 13:48 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 13:48 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 13:48 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 13:48 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 13:48 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:48 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:48 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 13:48 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 13:48 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 13:48 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 13:48 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 13:48 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: MW-14I**
**Date Collected: 04/15/20 11:42**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-12**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:48 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 13:48 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 13:48 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 13:48 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 13:48 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 13:48 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 13:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *72 - 124* | | *04/23/20 13:48* | *1* |
| *Dibromofluoromethane* | *104* | | *75 - 120* | | *04/23/20 13:48* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *75 - 126* | | *04/23/20 13:48* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *75 - 120* | | *04/23/20 13:48* | *1* |

### Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field Conductivity** | **772.57** | | | | umhos/cm | | | 04/15/20 11:42 | 1 |
| **Field pH** | **6.80** | | | | SU | | | 04/15/20 11:42 | 1 |
| **Field Temperature** | **9.51** | | | | Degrees C | | | 04/15/20 11:42 | 1 |
| **Groundwater Elevation (ft MSL)** | **846.10** | | | | ft | | | 04/15/20 11:42 | 1 |

**Client Sample ID: DUP-01**
**Date Collected: 04/14/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-13**
**Matrix: Ground Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 14:13 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:13 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 14:13 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 14:13 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 14:13 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 14:13 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 14:13 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 14:13 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 14:13 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 14:13 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 14:13 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 14:13 | 1 |
| **cis-1,2-Dichloroethene** | **0.63** | **J** | 1.0 | 0.41 | ug/L | | | 04/23/20 14:13 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 14:13 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:13 | 1 |
| **Dichlorodifluoromethane** | **18** | | 3.0 | 0.67 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| **Dichlorofluoromethane** | **15** | | 1.0 | 0.38 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:13 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 14:13 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 14:13 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 14:13 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 14:13 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 14:13 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 14:13 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 14:13 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:13 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:13 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:13 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:13 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 14:13 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 14:13 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 14:13 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: DUP-01**
**Date Collected: 04/14/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-13**
**Matrix: Ground Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 14:13 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 14:13 | 1 |
| **Trichloroethene** | **0.63** | | 0.50 | 0.16 | ug/L | | | 04/23/20 14:13 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:13 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 14:13 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 14:13 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 14:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *72 - 124* | | *04/23/20 14:13* | *1* |
| *Dibromofluoromethane* | *101* | | *75 - 120* | | *04/23/20 14:13* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *75 - 126* | | *04/23/20 14:13* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *75 - 120* | | *04/23/20 14:13* | *1* |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: DUP-02**
**Date Collected: 04/15/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-14**
**Matrix: Ground Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 19:42 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 19:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 124* | | *04/24/20 19:42* | *1* |
| *Dibromofluoromethane* | *107* | | *75 - 120* | | *04/24/20 19:42* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *75 - 126* | | *04/24/20 19:42* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *75 - 120* | | *04/24/20 19:42* | *1* |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: FB-01

**Date Collected: 04/15/20 17:04**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-15

**Matrix: Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | **0.37** | **J** | 0.50 | 0.15 | ug/L | | | 04/23/20 14:37 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:37 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 14:37 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 14:37 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 14:37 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 14:37 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 14:37 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 14:37 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 14:37 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 14:37 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 14:37 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 14:37 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 14:37 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 14:37 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:37 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| Dichlorofluoromethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:37 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 14:37 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 14:37 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 14:37 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 14:37 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 14:37 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| **Naphthalene** | **0.36** | **J B** | 1.0 | 0.34 | ug/L | | | 04/23/20 14:37 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 14:37 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:37 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:37 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 14:37 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 14:37 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 14:37 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 14:37 | 1 |
| **Toluene** | **2.3** | | 0.50 | 0.15 | ug/L | | | 04/23/20 14:37 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: FB-01

**Date Collected: 04/15/20 17:04**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-15

**Matrix: Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 14:37 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 14:37 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 14:37 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 14:37 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 14:37 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 14:37 | 1 |
| **Xylenes, Total** | **1.5** | | 1.0 | 0.22 | ug/L | | | 04/23/20 14:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *72 - 124* | | *04/23/20 14:37* | *1* |
| *Dibromofluoromethane* | *104* | | *75 - 120* | | *04/23/20 14:37* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *75 - 126* | | *04/23/20 14:37* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *75 - 120* | | *04/23/20 14:37* | *1* |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: Trip Blank

**Date Collected: 04/14/20 00:00**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-16

**Matrix: Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 11:00 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:00 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:00 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 11:00 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 11:00 | 1 |
| Bromomethane | <0.80 | ^c * | 3.0 | 0.80 | ug/L | | | 04/23/20 11:00 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:00 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 11:00 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 11:00 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 11:00 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 11:00 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:00 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:00 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 11:00 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:00 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| Dichlorofluoromethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:00 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 11:00 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 11:00 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 11:00 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 11:00 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 11:00 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 11:00 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 11:00 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:00 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:00 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 11:00 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 11:00 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 11:00 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 11:00 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 11:00 | 1 |

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

**Client Sample ID: Trip Blank**
**Date Collected: 04/14/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-16**
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:00 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 11:00 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 11:00 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 11:00 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 11:00 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 11:00 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 11:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *72 - 124* | | *04/23/20 11:00* | *1* |
| *Dibromofluoromethane* | *103* | | *75 - 120* | | *04/23/20 11:00* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *75 - 126* | | *04/23/20 11:00* | *1* |
| *Toluene-d8 (Surr)* | *104* | | *75 - 120* | | *04/23/20 11:00* | *1* |

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| * | LCS or LCSD is outside acceptance limits. |
| ^c | CCV Recovery is outside acceptance limits. |
| B | Compound was found in the blank and sample. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Reported value was between the limit of detection and the limit of quantitation. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

## GC/MS VOA

### Analysis Batch: 539448

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-180841-6 | MW-9S | Total/NA | Ground Water | 8260B | |
| 500-180841-7 | MW-9I | Total/NA | Ground Water | 8260B | |
| 500-180841-8 | MW-9B | Total/NA | Ground Water | 8260B | |
| 500-180841-9 | MW-10S | Total/NA | Ground Water | 8260B | |
| 500-180841-10 | MW-10I | Total/NA | Ground Water | 8260B | |
| 500-180841-11 | MW-14S | Total/NA | Ground Water | 8260B | |
| 500-180841-12 | MW-14I | Total/NA | Ground Water | 8260B | |
| 500-180841-13 | DUP-01 | Total/NA | Ground Water | 8260B | |
| 500-180841-15 | FB-01 | Total/NA | Water | 8260B | |
| 500-180841-16 | Trip Blank | Total/NA | Water | 8260B | |
| MB 500-539448/6 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-539448/4 | Lab Control Sample | Total/NA | Water | 8260B | |
| 500-180841-9 MS | MW-10S | Total/NA | Ground Water | 8260B | |
| 500-180841-9 MSD | MW-10S | Total/NA | Ground Water | 8260B | |

### Analysis Batch: 539610

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-180841-1 | MW-3D | Total/NA | Ground Water | 8260B | |
| 500-180841-2 | MW-4D | Total/NA | Ground Water | 8260B | |
| 500-180841-3 | MW-5D | Total/NA | Ground Water | 8260B | |
| 500-180841-4 | MW-7I | Total/NA | Ground Water | 8260B | |
| 500-180841-5 | MW-8I | Total/NA | Ground Water | 8260B | |
| 500-180841-14 | DUP-02 | Total/NA | Ground Water | 8260B | |
| MB 500-539610/7 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-539610/5 | Lab Control Sample | Total/NA | Water | 8260B | |

## Field Service / Mobile Lab

### Analysis Batch: 541706

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-180841-1 | MW-3D | Total/NA | Ground Water | Field Sampling | |
| 500-180841-2 | MW-4D | Total/NA | Ground Water | Field Sampling | |
| 500-180841-3 | MW-5D | Total/NA | Ground Water | Field Sampling | |
| 500-180841-4 | MW-7I | Total/NA | Ground Water | Field Sampling | |
| 500-180841-5 | MW-8I | Total/NA | Ground Water | Field Sampling | |
| 500-180841-6 | MW-9S | Total/NA | Ground Water | Field Sampling | |
| 500-180841-7 | MW-9I | Total/NA | Ground Water | Field Sampling | |
| 500-180841-8 | MW-9B | Total/NA | Ground Water | Field Sampling | |
| 500-180841-9 | MW-10S | Total/NA | Ground Water | Field Sampling | |
| 500-180841-10 | MW-10I | Total/NA | Ground Water | Field Sampling | |
| 500-180841-11 | MW-14S | Total/NA | Ground Water | Field Sampling | |
| 500-180841-12 | MW-14I | Total/NA | Ground Water | Field Sampling | |

# Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Ground Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB (72-124) | DBFM (75-120) | DCA (75-126) | TOL (75-120) |
| 500-180841-1 | MW-3D | 96 | 110 | 104 | 98 |
| 500-180841-2 | MW-4D | 95 | 108 | 105 | 98 |
| 500-180841-3 | MW-5D | 102 | 107 | 105 | 98 |
| 500-180841-4 | MW-7I | 103 | 108 | 107 | 100 |
| 500-180841-5 | MW-8I | 99 | 107 | 104 | 97 |
| 500-180841-6 | MW-9S | 88 | 104 | 98 | 106 |
| 500-180841-7 | MW-9I | 89 | 103 | 99 | 102 |
| 500-180841-8 | MW-9B | 88 | 107 | 105 | 101 |
| 500-180841-9 | MW-10S | 91 | 105 | 99 | 102 |
| 500-180841-9 MS | MW-10S | 91 | 109 | 106 | 102 |
| 500-180841-9 MSD | MW-10S | 89 | 111 | 107 | 100 |
| 500-180841-10 | MW-10I | 91 | 100 | 100 | 103 |
| 500-180841-11 | MW-14S | 88 | 101 | 101 | 103 |
| 500-180841-12 | MW-14I | 89 | 104 | 103 | 106 |
| 500-180841-13 | DUP-01 | 90 | 101 | 101 | 101 |
| 500-180841-14 | DUP-02 | 98 | 107 | 106 | 98 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB (72-124) | DBFM (75-120) | DCA (75-126) | TOL (75-120) |
| 500-180841-15 | FB-01 | 88 | 104 | 106 | 102 |
| 500-180841-16 | Trip Blank | 87 | 103 | 99 | 104 |
| LCS 500-539448/4 | Lab Control Sample | 89 | 105 | 99 | 102 |
| LCS 500-539610/5 | Lab Control Sample | 95 | 104 | 103 | 97 |
| MB 500-539448/6 | Method Blank | 88 | 102 | 100 | 102 |
| MB 500-539610/7 | Method Blank | 93 | 106 | 105 | 100 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 500-539448/6**
**Matrix: Water**
**Analysis Batch: 539448**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 10:36 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 10:36 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 10:36 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 10:36 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 04/23/20 10:36 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 04/23/20 10:36 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 10:36 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 04/23/20 10:36 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 04/23/20 10:36 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 04/23/20 10:36 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 04/23/20 10:36 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 10:36 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 10:36 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 04/23/20 10:36 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 10:36 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| Dichlorofluoromethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 10:36 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 04/23/20 10:36 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 04/23/20 10:36 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 04/23/20 10:36 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 04/23/20 10:36 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 04/23/20 10:36 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| Naphthalene | 0.369 | J | 1.0 | 0.34 | ug/L | | | 04/23/20 10:36 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 04/23/20 10:36 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 10:36 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 10:36 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 04/23/20 10:36 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 04/23/20 10:36 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 04/23/20 10:36 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/23/20 10:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-539448/6**
**Matrix: Water**
**Analysis Batch: 539448**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 04/23/20 10:36 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 10:36 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 04/23/20 10:36 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 04/23/20 10:36 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 04/23/20 10:36 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 04/23/20 10:36 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 04/23/20 10:36 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 04/23/20 10:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *72 - 124* | | *04/23/20 10:36* | *1* |
| *Dibromofluoromethane* | *102* | | *75 - 120* | | *04/23/20 10:36* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *75 - 126* | | *04/23/20 10:36* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *75 - 120* | | *04/23/20 10:36* | *1* |

**Lab Sample ID: LCS 500-539448/4**
**Matrix: Water**
**Analysis Batch: 539448**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 50.0 | 51.6 | | ug/L | | 103 | 70 - 120 |
| Bromobenzene | 50.0 | 46.2 | | ug/L | | 92 | 70 - 122 |
| Bromochloromethane | 50.0 | 50.0 | | ug/L | | 100 | 65 - 122 |
| Bromodichloromethane | 50.0 | 49.0 | | ug/L | | 98 | 69 - 120 |
| Bromoform | 50.0 | 49.3 | | ug/L | | 99 | 56 - 132 |
| Bromomethane | 50.0 | 82.3 | * | ug/L | | 165 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 50.4 | | ug/L | | 101 | 59 - 133 |
| Chlorobenzene | 50.0 | 50.6 | | ug/L | | 101 | 70 - 120 |
| Chloroethane | 50.0 | 56.2 | | ug/L | | 112 | 48 - 136 |
| Chloroform | 50.0 | 50.4 | | ug/L | | 101 | 70 - 120 |
| Chloromethane | 50.0 | 27.9 | | ug/L | | 56 | 56 - 152 |
| 2-Chlorotoluene | 50.0 | 46.4 | | ug/L | | 93 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 46.7 | | ug/L | | 93 | 68 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 52.2 | | ug/L | | 104 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 48.6 | | ug/L | | 97 | 64 - 127 |
| Dibromochloromethane | 50.0 | 49.6 | | ug/L | | 99 | 68 - 125 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 39.0 | | ug/L | | 78 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 49.8 | | ug/L | | 100 | 70 - 125 |
| Dibromomethane | 50.0 | 51.6 | | ug/L | | 103 | 70 - 120 |
| 1,2-Dichlorobenzene | 50.0 | 49.3 | | ug/L | | 99 | 70 - 125 |
| 1,3-Dichlorobenzene | 50.0 | 47.9 | | ug/L | | 96 | 70 - 125 |
| 1,4-Dichlorobenzene | 50.0 | 48.1 | | ug/L | | 96 | 70 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-539448/4**
**Matrix: Water**
**Analysis Batch: 539448**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 50.0 | 29.1 | | ug/L | | 58 | 40 - 159 |
| 1,1-Dichloroethane | 50.0 | 47.2 | | ug/L | | 94 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 48.7 | | ug/L | | 97 | 68 - 127 |
| 1,1-Dichloroethene | 50.0 | 53.1 | | ug/L | | 106 | 67 - 122 |
| Dichlorofluoromethane | 50.0 | 51.4 | | ug/L | | 103 | 69 - 124 |
| 1,2-Dichloropropane | 50.0 | 45.0 | | ug/L | | 90 | 67 - 130 |
| 1,3-Dichloropropane | 50.0 | 49.1 | | ug/L | | 98 | 62 - 136 |
| 2,2-Dichloropropane | 50.0 | 49.9 | | ug/L | | 100 | 58 - 139 |
| 1,1-Dichloropropene | 50.0 | 49.5 | | ug/L | | 99 | 70 - 121 |
| Ethylbenzene | 50.0 | 50.8 | | ug/L | | 102 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 45.1 | | ug/L | | 90 | 51 - 150 |
| Isopropylbenzene | 50.0 | 47.5 | | ug/L | | 95 | 70 - 126 |
| Methylene Chloride | 50.0 | 52.6 | | ug/L | | 105 | 69 - 125 |
| Methyl tert-butyl ether | 50.0 | 51.2 | | ug/L | | 102 | 55 - 123 |
| Naphthalene | 50.0 | 45.7 | | ug/L | | 91 | 53 - 144 |
| n-Butylbenzene | 50.0 | 50.0 | | ug/L | | 100 | 68 - 125 |
| N-Propylbenzene | 50.0 | 48.5 | | ug/L | | 97 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 47.3 | | ug/L | | 95 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 48.4 | | ug/L | | 97 | 70 - 123 |
| Styrene | 50.0 | 51.0 | | ug/L | | 102 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 46.4 | | ug/L | | 93 | 70 - 121 |
| 1,1,1,2-Tetrachloroethane | 50.0 | 51.4 | | ug/L | | 103 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | 50.0 | 46.2 | | ug/L | | 92 | 62 - 140 |
| Tetrachloroethene | 50.0 | 53.9 | | ug/L | | 108 | 70 - 128 |
| Tetrahydrofuran | 100 | 61.4 | | ug/L | | 61 | 59 - 139 |
| Toluene | 50.0 | 50.9 | | ug/L | | 102 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 52.8 | | ug/L | | 106 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 47.4 | | ug/L | | 95 | 62 - 128 |
| 1,2,3-Trichlorobenzene | 50.0 | 48.6 | | ug/L | | 97 | 51 - 145 |
| 1,2,4-Trichlorobenzene | 50.0 | 48.3 | | ug/L | | 97 | 57 - 137 |
| 1,1,1-Trichloroethane | 50.0 | 50.5 | | ug/L | | 101 | 70 - 125 |
| 1,1,2-Trichloroethane | 50.0 | 49.1 | | ug/L | | 98 | 71 - 130 |
| Trichloroethene | 50.0 | 50.0 | | ug/L | | 100 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 50.8 | | ug/L | | 102 | 55 - 128 |
| 1,2,3-Trichloropropane | 50.0 | 45.7 | | ug/L | | 91 | 50 - 133 |
| 1,2,4-Trimethylbenzene | 50.0 | 46.7 | | ug/L | | 93 | 70 - 123 |
| 1,3,5-Trimethylbenzene | 50.0 | 47.4 | | ug/L | | 95 | 70 - 123 |
| Vinyl chloride | 50.0 | 37.7 | | ug/L | | 75 | 64 - 126 |
| Xylenes, Total | 100 | 102 | | ug/L | | 102 | 70 - 125 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *72 - 124* |
| *Dibromofluoromethane* | *105* | | *75 - 120* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *75 - 126* |
| *Toluene-d8 (Surr)* | *102* | | *75 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 500-180841-9 MS**
**Matrix: Ground Water**
**Analysis Batch: 539448**

**Client Sample ID: MW-10S**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 50.0 | 53.9 | | ug/L | | 108 | 70 - 120 |
| Bromobenzene | <0.36 | | 50.0 | 50.0 | | ug/L | | 100 | 70 - 122 |
| Bromochloromethane | <0.43 | | 50.0 | 55.7 | | ug/L | | 111 | 65 - 122 |
| Bromodichloromethane | <0.37 | | 50.0 | 53.9 | | ug/L | | 108 | 69 - 120 |
| Bromoform | <0.48 | | 50.0 | 54.6 | | ug/L | | 109 | 56 - 132 |
| Bromomethane | <0.80 | ^c F1 * | 50.0 | 88.2 | F1 | ug/L | | 176 | 40 - 152 |
| Carbon tetrachloride | <0.38 | | 50.0 | 48.1 | | ug/L | | 96 | 59 - 133 |
| Chlorobenzene | <0.39 | | 50.0 | 54.1 | | ug/L | | 108 | 70 - 120 |
| Chloroethane | <0.51 | | 50.0 | 65.8 | | ug/L | | 132 | 48 - 136 |
| Chloroform | <0.37 | | 50.0 | 53.7 | | ug/L | | 107 | 70 - 120 |
| Chloromethane | <0.32 | F1 | 50.0 | 27.4 | F1 | ug/L | | 55 | 56 - 152 |
| 2-Chlorotoluene | <0.31 | | 50.0 | 48.5 | | ug/L | | 97 | 70 - 125 |
| 4-Chlorotoluene | <0.35 | | 50.0 | 48.9 | | ug/L | | 98 | 68 - 124 |
| cis-1,2-Dichloroethene | <0.41 | | 50.0 | 56.7 | | ug/L | | 113 | 70 - 125 |
| cis-1,3-Dichloropropene | <0.42 | | 50.0 | 50.9 | | ug/L | | 102 | 64 - 127 |
| Dibromochloromethane | <0.49 | | 50.0 | 53.4 | | ug/L | | 107 | 68 - 125 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 50.0 | 42.9 | | ug/L | | 86 | 56 - 123 |
| 1,2-Dibromoethane | <0.39 | | 50.0 | 55.3 | | ug/L | | 111 | 70 - 125 |
| Dibromomethane | <0.27 | F1 | 50.0 | 57.9 | | ug/L | | 116 | 70 - 120 |
| 1,2-Dichlorobenzene | <0.33 | | 50.0 | 53.2 | | ug/L | | 106 | 70 - 125 |
| 1,3-Dichlorobenzene | <0.40 | | 50.0 | 50.3 | | ug/L | | 101 | 70 - 125 |
| 1,4-Dichlorobenzene | <0.36 | | 50.0 | 50.2 | | ug/L | | 100 | 70 - 120 |
| Dichlorodifluoromethane | <0.67 | | 50.0 | 25.8 | | ug/L | | 52 | 40 - 159 |
| 1,1-Dichloroethane | <0.41 | | 50.0 | 48.9 | | ug/L | | 98 | 70 - 125 |
| 1,2-Dichloroethane | <0.39 | | 50.0 | 54.8 | | ug/L | | 110 | 68 - 127 |
| 1,1-Dichloroethene | <0.39 | | 50.0 | 51.4 | | ug/L | | 103 | 67 - 122 |
| Dichlorofluoromethane | 1.1 | | 50.0 | 54.7 | | ug/L | | 107 | 69 - 124 |
| 1,2-Dichloropropane | <0.43 | | 50.0 | 49.5 | | ug/L | | 99 | 67 - 130 |
| 1,3-Dichloropropane | <0.36 | | 50.0 | 53.8 | | ug/L | | 108 | 62 - 136 |
| 2,2-Dichloropropane | <0.44 | | 50.0 | 47.9 | | ug/L | | 96 | 58 - 139 |
| 1,1-Dichloropropene | <0.30 | | 50.0 | 49.1 | | ug/L | | 98 | 70 - 121 |
| Ethylbenzene | <0.18 | | 50.0 | 52.4 | | ug/L | | 105 | 70 - 123 |
| Hexachlorobutadiene | <0.45 | | 50.0 | 42.5 | | ug/L | | 85 | 51 - 150 |
| Isopropylbenzene | <0.39 | | 50.0 | 47.0 | | ug/L | | 94 | 70 - 126 |
| Methylene Chloride | <1.6 | | 50.0 | 56.8 | | ug/L | | 114 | 69 - 125 |
| Methyl tert-butyl ether | <0.39 | | 50.0 | 56.0 | | ug/L | | 112 | 55 - 123 |
| Naphthalene | <0.34 | | 50.0 | 48.0 | | ug/L | | 96 | 53 - 144 |
| n-Butylbenzene | <0.39 | | 50.0 | 47.9 | | ug/L | | 96 | 68 - 125 |
| N-Propylbenzene | <0.41 | | 50.0 | 47.9 | | ug/L | | 96 | 69 - 127 |
| p-Isopropyltoluene | <0.36 | | 50.0 | 46.2 | | ug/L | | 92 | 70 - 125 |
| sec-Butylbenzene | <0.40 | | 50.0 | 46.8 | | ug/L | | 94 | 70 - 123 |
| Styrene | <0.39 | | 50.0 | 53.4 | | ug/L | | 107 | 70 - 120 |
| tert-Butylbenzene | <0.40 | | 50.0 | 46.0 | | ug/L | | 92 | 70 - 121 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 50.0 | 53.3 | | ug/L | | 107 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 50.0 | 52.6 | | ug/L | | 105 | 62 - 140 |
| Tetrachloroethene | <0.37 | | 50.0 | 51.4 | | ug/L | | 103 | 70 - 128 |
| Tetrahydrofuran | <1.9 | | 100 | 71.2 | | ug/L | | 71 | 59 - 139 |
| Toluene | <0.15 | | 50.0 | 52.7 | | ug/L | | 105 | 70 - 125 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 500-180841-9 MS**
**Matrix: Ground Water**
**Analysis Batch: 539448**

**Client Sample ID: MW-10S**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | <0.35 | | 50.0 | 54.9 | | ug/L | | 110 | 70 - 125 |
| trans-1,3-Dichloropropene | <0.36 | | 50.0 | 51.0 | | ug/L | | 102 | 62 - 128 |
| 1,2,3-Trichlorobenzene | <0.46 | | 50.0 | 48.3 | | ug/L | | 97 | 51 - 145 |
| 1,2,4-Trichlorobenzene | <0.34 | | 50.0 | 47.2 | | ug/L | | 94 | 57 - 137 |
| 1,1,1-Trichloroethane | <0.38 | | 50.0 | 50.6 | | ug/L | | 101 | 70 - 125 |
| 1,1,2-Trichloroethane | <0.35 | | 50.0 | 54.7 | | ug/L | | 109 | 71 - 130 |
| Trichloroethene | <0.16 | | 50.0 | 50.8 | | ug/L | | 102 | 70 - 125 |
| Trichlorofluoromethane | <0.43 | | 50.0 | 49.9 | | ug/L | | 100 | 55 - 128 |
| 1,2,3-Trichloropropane | <0.41 | | 50.0 | 50.4 | | ug/L | | 101 | 50 - 133 |
| 1,2,4-Trimethylbenzene | <0.36 | | 50.0 | 48.1 | | ug/L | | 96 | 70 - 123 |
| 1,3,5-Trimethylbenzene | <0.25 | | 50.0 | 47.8 | | ug/L | | 96 | 70 - 123 |
| Vinyl chloride | <0.20 | | 50.0 | 37.7 | | ug/L | | 75 | 64 - 126 |
| Xylenes, Total | <0.22 | | 100 | 105 | | ug/L | | 105 | 70 - 125 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *72 - 124* |
| *Dibromofluoromethane* | *109* | | *75 - 120* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *75 - 126* |
| *Toluene-d8 (Surr)* | *102* | | *75 - 120* |

**Lab Sample ID: 500-180841-9 MSD**
**Matrix: Ground Water**
**Analysis Batch: 539448**

**Client Sample ID: MW-10S**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.15 | | 50.0 | 56.4 | | ug/L | | 113 | 70 - 120 | 5 | 20 |
| Bromobenzene | <0.36 | | 50.0 | 53.3 | | ug/L | | 107 | 70 - 122 | 6 | 20 |
| Bromochloromethane | <0.43 | | 50.0 | 59.7 | | ug/L | | 119 | 65 - 122 | 7 | 20 |
| Bromodichloromethane | <0.37 | | 50.0 | 56.9 | | ug/L | | 114 | 69 - 120 | 6 | 20 |
| Bromoform | <0.48 | | 50.0 | 58.0 | | ug/L | | 116 | 56 - 132 | 6 | 20 |
| Bromomethane | <0.80 | ^c F1 * | 50.0 | 91.5 | F1 | ug/L | | 183 | 40 - 152 | 4 | 20 |
| Carbon tetrachloride | <0.38 | | 50.0 | 47.2 | | ug/L | | 94 | 59 - 133 | 2 | 20 |
| Chlorobenzene | <0.39 | | 50.0 | 56.1 | | ug/L | | 112 | 70 - 120 | 4 | 20 |
| Chloroethane | <0.51 | | 50.0 | 59.8 | | ug/L | | 120 | 48 - 136 | 10 | 20 |
| Chloroform | <0.37 | | 50.0 | 56.0 | | ug/L | | 112 | 70 - 120 | 4 | 20 |
| Chloromethane | <0.32 | F1 | 50.0 | 30.4 | | ug/L | | 61 | 56 - 152 | 10 | 20 |
| 2-Chlorotoluene | <0.31 | | 50.0 | 50.5 | | ug/L | | 101 | 70 - 125 | 4 | 20 |
| 4-Chlorotoluene | <0.35 | | 50.0 | 50.8 | | ug/L | | 102 | 68 - 124 | 4 | 20 |
| cis-1,2-Dichloroethene | <0.41 | | 50.0 | 59.1 | | ug/L | | 118 | 70 - 125 | 4 | 20 |
| cis-1,3-Dichloropropene | <0.42 | | 50.0 | 54.0 | | ug/L | | 108 | 64 - 127 | 6 | 20 |
| Dibromochloromethane | <0.49 | | 50.0 | 55.6 | | ug/L | | 111 | 68 - 125 | 4 | 20 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 50.0 | 49.0 | | ug/L | | 98 | 56 - 123 | 13 | 20 |
| 1,2-Dibromoethane | <0.39 | | 50.0 | 58.1 | | ug/L | | 116 | 70 - 125 | 5 | 20 |
| Dibromomethane | <0.27 | F1 | 50.0 | 62.2 | F1 | ug/L | | 124 | 70 - 120 | 7 | 20 |
| 1,2-Dichlorobenzene | <0.33 | | 50.0 | 55.6 | | ug/L | | 111 | 70 - 125 | 4 | 20 |
| 1,3-Dichlorobenzene | <0.40 | | 50.0 | 52.8 | | ug/L | | 106 | 70 - 125 | 5 | 20 |
| 1,4-Dichlorobenzene | <0.36 | | 50.0 | 52.3 | | ug/L | | 105 | 70 - 120 | 4 | 20 |
| Dichlorodifluoromethane | <0.67 | | 50.0 | 25.2 | | ug/L | | 50 | 40 - 159 | 2 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 500-180841-9 MSD**
**Matrix: Ground Water**
**Analysis Batch: 539448**

**Client Sample ID: MW-10S**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | <0.41 | | 50.0 | 52.8 | | ug/L | | 106 | 70 - 125 | 8 | 20 |
| 1,2-Dichloroethane | <0.39 | | 50.0 | 57.7 | | ug/L | | 115 | 68 - 127 | 5 | 20 |
| 1,1-Dichloroethene | <0.39 | | 50.0 | 52.4 | | ug/L | | 105 | 67 - 122 | 2 | 20 |
| Dichlorofluoromethane | 1.1 | | 50.0 | 56.6 | | ug/L | | 111 | 69 - 124 | 3 | 20 |
| 1,2-Dichloropropane | <0.43 | | 50.0 | 52.1 | | ug/L | | 104 | 67 - 130 | 5 | 20 |
| 1,3-Dichloropropane | <0.36 | | 50.0 | 56.5 | | ug/L | | 113 | 62 - 136 | 5 | 20 |
| 2,2-Dichloropropane | <0.44 | | 50.0 | 48.4 | | ug/L | | 97 | 58 - 139 | 1 | 20 |
| 1,1-Dichloropropene | <0.30 | | 50.0 | 50.0 | | ug/L | | 100 | 70 - 121 | 2 | 20 |
| Ethylbenzene | <0.18 | | 50.0 | 54.3 | | ug/L | | 109 | 70 - 123 | 4 | 20 |
| Hexachlorobutadiene | <0.45 | | 50.0 | 43.4 | | ug/L | | 87 | 51 - 150 | 2 | 20 |
| Isopropylbenzene | <0.39 | | 50.0 | 48.4 | | ug/L | | 97 | 70 - 126 | 3 | 20 |
| Methylene Chloride | <1.6 | | 50.0 | 59.7 | | ug/L | | 119 | 69 - 125 | 5 | 20 |
| Methyl tert-butyl ether | <0.39 | | 50.0 | 59.6 | | ug/L | | 119 | 55 - 123 | 6 | 20 |
| Naphthalene | <0.34 | | 50.0 | 53.7 | | ug/L | | 107 | 53 - 144 | 11 | 20 |
| n-Butylbenzene | <0.39 | | 50.0 | 48.4 | | ug/L | | 97 | 68 - 125 | 1 | 20 |
| N-Propylbenzene | <0.41 | | 50.0 | 49.4 | | ug/L | | 99 | 69 - 127 | 3 | 20 |
| p-Isopropyltoluene | <0.36 | | 50.0 | 46.7 | | ug/L | | 93 | 70 - 125 | 1 | 20 |
| sec-Butylbenzene | <0.40 | | 50.0 | 47.5 | | ug/L | | 95 | 70 - 123 | 2 | 20 |
| Styrene | <0.39 | | 50.0 | 55.4 | | ug/L | | 111 | 70 - 120 | 4 | 20 |
| tert-Butylbenzene | <0.40 | | 50.0 | 46.8 | | ug/L | | 94 | 70 - 121 | 2 | 20 |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 50.0 | 56.2 | | ug/L | | 112 | 70 - 125 | 5 | 20 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 50.0 | 56.4 | | ug/L | | 113 | 62 - 140 | 7 | 20 |
| Tetrachloroethene | <0.37 | | 50.0 | 53.0 | | ug/L | | 106 | 70 - 128 | 3 | 20 |
| Tetrahydrofuran | <1.9 | | 100 | 78.0 | | ug/L | | 78 | 59 - 139 | 9 | 20 |
| Toluene | <0.15 | | 50.0 | 55.4 | | ug/L | | 111 | 70 - 125 | 5 | 20 |
| trans-1,2-Dichloroethene | <0.35 | | 50.0 | 56.3 | | ug/L | | 113 | 70 - 125 | 2 | 20 |
| trans-1,3-Dichloropropene | <0.36 | | 50.0 | 54.3 | | ug/L | | 109 | 62 - 128 | 6 | 20 |
| 1,2,3-Trichlorobenzene | <0.46 | | 50.0 | 53.2 | | ug/L | | 106 | 51 - 145 | 10 | 20 |
| 1,2,4-Trichlorobenzene | <0.34 | | 50.0 | 49.6 | | ug/L | | 99 | 57 - 137 | 5 | 20 |
| 1,1,1-Trichloroethane | <0.38 | | 50.0 | 50.9 | | ug/L | | 102 | 70 - 125 | 1 | 20 |
| 1,1,2-Trichloroethane | <0.35 | | 50.0 | 57.1 | | ug/L | | 114 | 71 - 130 | 4 | 20 |
| Trichloroethene | <0.16 | | 50.0 | 53.3 | | ug/L | | 107 | 70 - 125 | 5 | 20 |
| Trichlorofluoromethane | <0.43 | | 50.0 | 48.3 | | ug/L | | 97 | 55 - 128 | 3 | 20 |
| 1,2,3-Trichloropropane | <0.41 | | 50.0 | 53.3 | | ug/L | | 107 | 50 - 133 | 5 | 20 |
| 1,2,4-Trimethylbenzene | <0.36 | | 50.0 | 49.9 | | ug/L | | 100 | 70 - 123 | 4 | 20 |
| 1,3,5-Trimethylbenzene | <0.25 | | 50.0 | 49.0 | | ug/L | | 98 | 70 - 123 | 3 | 20 |
| Vinyl chloride | <0.20 | | 50.0 | 39.1 | | ug/L | | 78 | 64 - 126 | 4 | 20 |
| Xylenes, Total | <0.22 | | 100 | 107 | | ug/L | | 107 | 70 - 125 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *72 - 124* |
| *Dibromofluoromethane* | *111* | | *75 - 120* |
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *75 - 126* |
| *Toluene-d8 (Surr)* | *100* | | *75 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-539610/7**
**Matrix: Water**
**Analysis Batch: 539610**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | LOQ | LOD | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 04/24/20 11:25 | 1 |
| Tetrahydrofuran | <1.9 | | 10 | 1.9 | ug/L | | | 04/24/20 11:25 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *72 - 124* | | *04/24/20 11:25* | *1* |
| *Dibromofluoromethane* | *106* | | *75 - 120* | | *04/24/20 11:25* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *75 - 126* | | *04/24/20 11:25* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *75 - 120* | | *04/24/20 11:25* | *1* |

**Lab Sample ID: LCS 500-539610/5**
**Matrix: Water**
**Analysis Batch: 539610**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 50.0 | 55.5 | | ug/L | | 111 | 40 - 159 |
| Tetrahydrofuran | 100 | 88.5 | | ug/L | | 89 | 59 - 139 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *72 - 124* |
| *Dibromofluoromethane* | *104* | | *75 - 120* |
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *75 - 126* |
| *Toluene-d8 (Surr)* | *97* | | *75 - 120* |

# Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-3D
**Date Collected: 04/14/20 12:32**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-1
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539610 | 04/24/20 17:32 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/14/20 12:32 | SJF | TAL CHI |

## Client Sample ID: MW-4D
**Date Collected: 04/14/20 13:38**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-2
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539610 | 04/24/20 17:58 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/14/20 13:38 | SJF | TAL CHI |

## Client Sample ID: MW-5D
**Date Collected: 04/15/20 10:00**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-3
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539610 | 04/24/20 18:24 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 10:00 | SJF | TAL CHI |

## Client Sample ID: MW-7I
**Date Collected: 04/15/20 14:28**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-4
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539610 | 04/24/20 18:50 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 14:28 | SJF | TAL CHI |

## Client Sample ID: MW-8I
**Date Collected: 04/15/20 15:10**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-5
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539610 | 04/24/20 19:16 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 15:10 | SJF | TAL CHI |

## Client Sample ID: MW-9S
**Date Collected: 04/14/20 15:01**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-6
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 11:24 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/14/20 15:01 | SJF | TAL CHI |

# Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: MW-9I
**Date Collected: 04/14/20 16:17**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-7
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 11:48 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/14/20 16:17 | SJF | TAL CHI |

## Client Sample ID: MW-9B
**Date Collected: 04/14/20 15:35**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-8
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 12:12 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/14/20 15:35 | SJF | TAL CHI |

## Client Sample ID: MW-10S
**Date Collected: 04/15/20 13:08**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-9
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 12:36 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 13:08 | SJF | TAL CHI |

## Client Sample ID: MW-10I
**Date Collected: 04/15/20 13:35**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-10
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 13:00 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 13:35 | SJF | TAL CHI |

## Client Sample ID: MW-14S
**Date Collected: 04/15/20 11:03**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-11
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 13:24 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 11:03 | SJF | TAL CHI |

## Client Sample ID: MW-14I
**Date Collected: 04/15/20 11:42**
**Date Received: 04/17/20 09:45**

## Lab Sample ID: 500-180841-12
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 13:48 | JDD | TAL CHI |
| Total/NA | Analysis | Field Sampling | | 1 | 541706 | 04/15/20 11:42 | SJF | TAL CHI |

# Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: Stoughton LF - 375007

Job ID: 500-180841-1

## Client Sample ID: DUP-01
**Date Collected: 04/14/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-13**
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 14:13 | JDD | TAL CHI |

## Client Sample ID: DUP-02
**Date Collected: 04/15/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-14**
**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539610 | 04/24/20 19:42 | JDD | TAL CHI |

## Client Sample ID: FB-01
**Date Collected: 04/15/20 17:04**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-15**
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 14:37 | JDD | TAL CHI |

## Client Sample ID: Trip Blank
**Date Collected: 04/14/20 00:00**
**Date Received: 04/17/20 09:45**

**Lab Sample ID: 500-180841-16**
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 539448 | 04/23/20 11:00 | JDD | TAL CHI |

**Laboratory References:**

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Job ID: 500-180841-1
Project/Site: Stoughton LF - 375007

## Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Wisconsin | State | 999580010 | 08-31-20 |

## Fredrick, Sandie

**From:** Braga, Wesley <WBraga@trccompanies.com>
**Sent:** Monday, April 20, 2020 11:07 AM
**To:** Fredrick, Sandie
**Subject:** RE: [EXTERNAL] Eurofins TestAmerica Sample Login Confirmation files from 500-180841 Stoughton LF

EXTERNAL EMAIL*

Sorry Sandie, it should be 9B not D missed that. Dup-01 is MW-9I and DUP-02 is MW-5D.

Thanks,

Wes

---

**From:** Fredrick, Sandie <Sandra.Fredrick@testamericainc.com>
**Sent:** Monday, April 20, 2020 10:56 AM
**To:** Braga, Wesley <WBraga@trccompanies.com>
**Subject:** RE: [EXTERNAL] Eurofins TestAmerica Sample Login Confirmation files from 500-180841 Stoughton LF

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Thanks Wes.

I will need the well ID numbers for the 2 duplicates and 9D.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

We are thankful for your business and hope that you have a wonderful day!

**Sandie Fredrick**
Project Manager

Eurofins TestAmerica
2417 Bond Street
University Park, IL 60484
USA

Phone: 920-261-1660

E-mail: sandie.fredrick@testamericainc.com
www.EurofinsUS.com | www.TestAmericainc.com

Please note: In order to continue to provide critical testing services, **Eurofins Environment Testing laboratories in the US are maintaining our courier services and continue to sample, analyze and report all test data as usual.** The situation around COVID-19 continues to be fluid and we are continuing to follow local and government mandates as applicable. For up-to-date business information, visit our website and follow us on Facebook and LinkedIn.

Links to use:

**Website:** https://www.eurofinsus.com/environment-testing/
Facebook: https://www.facebook.com/EurofinsEnvTesting
LinkedIn: https://www.linkedin.com/company/eurofins-env-testing-america/

---

**From:** Braga, Wesley [mailto:WBraga@trccompanies.com]
**Sent:** Monday, April 20, 2020 10:49 AM
**To:** Fredrick, Sandie
**Subject:** RE: [EXTERNAL] Eurofins TestAmerica Sample Login Confirmation files from 500-180841 Stoughton LF

EXTERNAL EMAIL*

Sandie,
It should have been labeled MW-10I on the COC, sorry about that. What do you need for 9D?

Thanks,

Wes

---

**From:** Sandie Fredrick <sandie.fredrick@testamericainc.com>
**Sent:** Friday, April 17, 2020 4:15 PM
**To:** Stehn, Andrew <AStehn@trccompanies.com>; Vater, Katherine <KVater@trccompanies.com>; Popp, Peggy <PPopp@trccompanies.com>; Braga, Wesley <WBraga@trccompanies.com>
**Subject:** [EXTERNAL] Eurofins TestAmerica Sample Login Confirmation files from 500-180841 Stoughton LF

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Hello Andy,

Couple questions please. Can you please let me know which is correct below?

Received all VOA vials for sample 10 with ID of MW-10I, logged per COC.

Also - I will need the Well ID for MW-9D and the two Duplicates.

Thanks so much,
Sandie

Attached, please find the Sample Confirmation files for job 500-180841; Stoughton LF

Please feel free to contact me if you have any questions.

Thank you.

**Sandie Fredrick**
Project Manager

Eurofins TestAmerica, Chicago
Phone: 920-261-1660

E-mail: sandie.fredrick@testamericainc.com
www.eurofinsus.com | www.testamericainc.com

Reference: [500-530782]
Attachments: 3

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: Project Feedback

* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

# Chain of Custody Record

422707 eurofins | Environment Testing TestAmerica

Address: _____

**Regulatory Program:** ☐ DW ☐ NPDES ☐ RCRA ☐ Other: TAL-8210

| Client Contact | Project Manager: Andy Stehn | Site Contact: Wes Braga | Date: 4/16/20 | COC No: |
|---|---|---|---|---|
| Company Name: TRC Env. | Tel/Email: astehn@TRCcompanies.com | Lab Contact: Sandie Fredrick | Carrier: FedEx | 1 of 2 COCs |
| Address: 708 Heartland Tr. STE 3000 | **Analysis Turnaround Time** | | | Sampler: Wesley Braga |
| City/State/Zip: Madison, WI 53717 | ☐ CALENDAR DAYS ☐ WORKING DAYS | | | **For Lab Use Only:** |
| Phone: 608-234-7374 | TAT if different from Below _____ | | | Walk-in Client: |
| Fax: | ☐ 2 weeks | | | Lab Sampling: |
| Project Name: Stoughton Landfill | ☐ 1 week | | | |
| Site: Stoughton Landfill | ☐ 2 days | | | Job / SDG No.: 500-180841 |
| PO# 152220 | ☐ 1 day | | | |

500-180841 COC

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS / MSD (Y/N) | Dichlorodifluoromethane | Tetrahydrofuran | VOCs | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-3D | 4/14/20 | 1232 | G | GW | 3 | N | | X | X | | |
| 2 | MW-4D | 4/14/20 | 1338 | G | GW | 3 | N | | X | X | | |
| 3 | MW-5D | 4/15/20 | 1000 | G | GW | 3 | N | | X | X | | |
| 4 | MW-7I | 4/15/20 | 1428 | G | GW | 3 | N | | X | X | | |
| 5 | MW-8I | 4/15/20 | 1510 | G | GW | 3 | N | | X | X | | |
| 6 | MW-9S | 4/14/20 | 1501 | G | GW | 6 | N | | X | X | X | |
| 7 | MW-9I | 4/14/20 | 1617 | G | GW | 6 | N | | X | X | X | |
| 8 | MW-9D | 4/14/20 | 1535 | G | GW | 5 | N | | X | X | X | |
| 9 | MW-10S | 4/15/20 | 1308 | G | GW | 18 | N | Y | X | X | X | |
| 10 | MW-10D | 4/15/20 | 1335 | G | GW | 6 | N | | X | X | X | 10 I |
| 11 | MW-14S | 4/15/20 | 1103 | G | GW | 6 | N | | X | X | X | |
| 12 | MW-14I | 4/15/20 | 1142 | G | GW | 6 | N | | X | X | X | |
| | | | | | | | | | 2 | 2 | 2 | |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

**Possible Hazard Identification:**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

**Special Instructions/QC Requirements & Comments:**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 2.9 Corr'd: _____ | Therm ID No.: _____

| | Company: | Date/Time: | Received by: | Company: | Date/Time: |
|---|---|---|---|---|---|
| Relinquished by: | TRC | 4/16/20 1300 | | | |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
| Relinquished by: | Company: | Date/Time: | Received by Laboratory by: | Company: TAL CHT | Date/Time: 4/17/20 0945 |

# Chain of Custody Record

422708 eurofins | Environment Testing TestAmerica

Address: _____

**Regulatory Program:** ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

| Client Contact | Project Manager: Andy Stehn | Site Contact: Wesley Bragg | Date: 4/16/20 | COC No: |
|---|---|---|---|---|
| Company Name: TRC Env. | Tel/Email: astehn@TRCcompanies.com | Lab Contact: Sadie Fredrick | Carrier: | 2 of 2 COCs |
| Address: 708 Heartland Tr. Ste 3000 | **Analysis Turnaround Time** | | | Sampler: |
| City/State/Zip: Madison, WI 53717 | ☐ CALENDAR DAYS ☐ WORKING DAYS | | | **For Lab Use Only:** |
| Phone: 608-231-7374 | TAT if different from Below _____ | | | Walk-in Client: |
| Fax: | ☐ 2 weeks | | | Lab Sampling: |
| Project Name: Stoughton Landfill | ☐ 1 week | | | |
| Site: | ☐ 2 days | | | Job / SDG No.: |
| PO# 152220 | ☐ 1 day | | | 500-18084 |

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS / MSD (Y/N) | Dichlorodifluoromethane | Tetrahydrofuran | VOCs | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | Dup-01 | 4/14/20 | — | G | GW | 6 | N | N | X | X | X | |
| 14 | DUP-02 | 4/15/20 | — | G | GW | 3 | N | N | X | X | | |
| 15 | FB-01 | 4/15/20 | 704 | G | W | 6 | N | N | X | X | X | |
| 16 | Trip Blank | — | — | — | W | 2 | - | - | X | X | X | |
| | | | | | | | | | 2 | 2 | 2 | |

**Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other** _____

**Possible Hazard Identification:**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

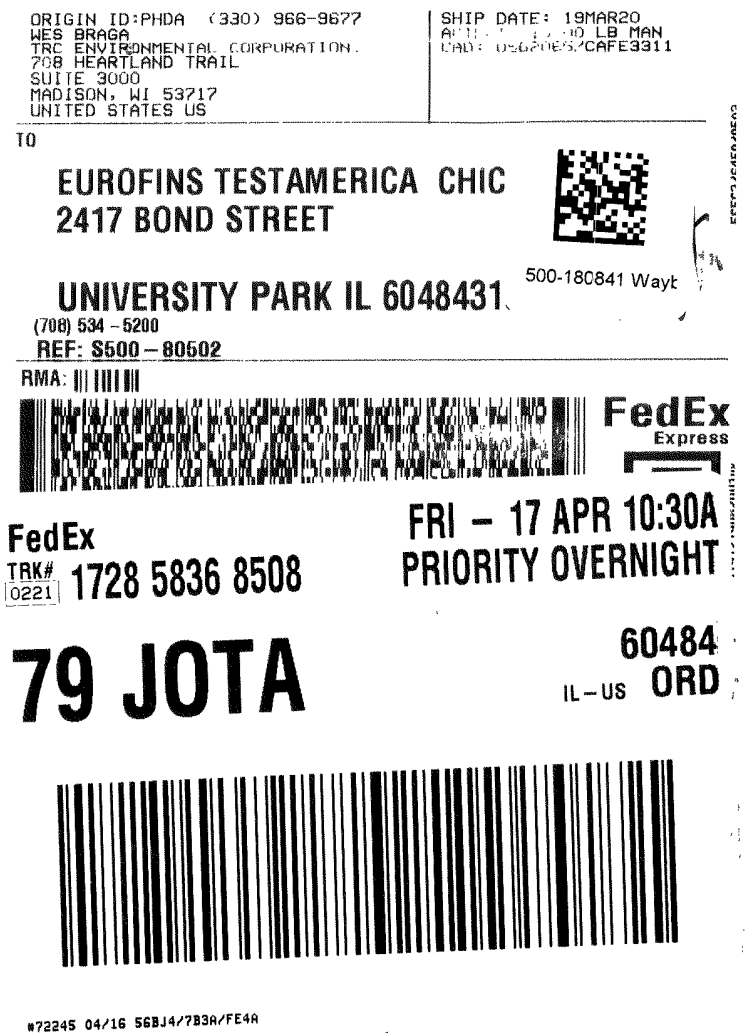
**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

**Special Instructions/QC Requirements & Comments:**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
|---|---|---|---|---|---|
| Wesley Bragg | TRC | 4/16/20 1300 | | | |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
| | | | | | |
| Relinquished by: | Company: | Date/Time: | Received in Laboratory by: | Company: | Date/Time: |
| | | | Shim Scott | TA-CHT | 4/17/20 0945 |



ORIGIN ID:PHDA (330) 966-9677
WES BRAGA
TRC ENVIRONMENTAL CORPORATION
708 HEARTLAND TRAIL
SUITE 3000
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 19MAR20
ACTWT: [illegible] LB MAN
CAD: 0562065/CAFE3311

TO

EUROFINS TESTAMERICA CHIC
2417 BOND STREET

UNIVERSITY PARK IL 6048431

500-180841 Wayt

(708) 534 - 5200
REF: S500 - 80502

RMA:

FedEx Express

FedEx
TRK# 0221 1728 5836 8508

FRI - 17 APR 10:30A
PRIORITY OVERNIGHT

79 JOTA

60484
IL - US ORD

#72245 04/16 5GBJ4/7B3A/FE4A

# Login Sample Receipt Checklist

Client: TRC Environmental Corporation. Job Number: 500-180841-1

**Login Number: 180841** **List Source: Eurofins TestAmerica, Chicago**
**List Number: 1**
**Creator: Scott, Sherri L**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 2.9 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | False | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

**Field Parameters**
**Stoughton City Landfill**
**Stoughton, Dane County, Wisconsin**
**TRC No. 375007.0000.0000**

| WELL ID | DATE | TEMPERATURE (°C) | SPECIFIC CONDUCTIVITY (µS/cm) | pH (SU) | GROUNDWATER ELEVATION (FT MSL) |
|---|---|---|---|---|---|
| MW-3D | 04/14/20 | 7.42 | 755.42 | 7.79 | 846.82 |
| MW-4D | 04/14/20 | 9.04 | 889.70 | 7.76 | 846.35 |
| MW-5D | 04/15/20 | 8.57 | 754.65 | 6.91 | 846.73 |
| MW-7I | 04/15/20 | 9.47 | 837.83 | 6.73 | +843.99 |
| MW-8I | 04/15/20 | 8.85 | 1035.35 | 6.63 | +846.32 |
| MW-9S | 04/14/20 | 8.65 | 717.76 | 7.61 | 846.20 |
| MW-9I | 04/14/20 | 7.45 | 712.84 | 7.61 | 846.08 |
| MW-9B | 04/14/20 | 7.90 | 790.62 | 7.43 | 845.84 |
| MW-10S | 04/15/20 | 5.95 | 606.20 | 6.57 | 843.91 |
| MW-10I | 04/15/20 | 9.89 | 786.12 | 6.62 | +845.86 |
| MW-14S | 04/15/20 | 8.47 | 409.69 | 6.86 | 846.28 |
| MW-14I | 04/15/20 | 9.51 | 772.57 | 6.80 | 846.10 |

Created By: W.Braga 5/1/2020
Checked By: A.Stehn 5/4/2020

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-1 | 112 | MW-3D | 04/14/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-1 | 112 | MW-3D | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-1 | 112 | MW-3D | 04/14/2020 | 00094 | Field Conductivity | 755.42 | | | | UMHO/CM | | |
| 500-180841-1 | 112 | MW-3D | 04/14/2020 | 00400 | Field pH | 7.79 | | | | SU | | |
| 500-180841-1 | 112 | MW-3D | 04/14/2020 | 00010 | Field Temperature | 7.42 | | | | C | | |
| 500-180841-1 | 112 | MW-3D | 04/14/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.82 | | | | FT | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34668 | Dichlorodifluoromethane | 4.1 | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77119 | Dichlorofluoromethane | 4.2 | | | 0.38 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-10 | 129 | **MW-10I** | 04/15/2020 | 34475 | **Tetrachloroethene** | **2.7** | 0.5 | 5 | 0.37 | UG/L | **PAL Exceeded** | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 39180 | Trichloroethene | 0.34 | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 00094 | Field Conductivity | 786.12 | | | | UMHO/CM | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 00400 | Field pH | 6.62 | | | | SU | | |
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 00010 | Field Temperature | 9.89 | | | | C | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-10 | 129 | MW-10I | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 845.86 | | | | FT | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77119 | Dichlorofluoromethane | 2.3 | | | 0.38 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-11 | 133 | **MW-14S** | 04/15/2020 | 34475 | **Tetrachloroethene** | **1** | 0.5 | 5 | 0.37 | UG/L | **PAL Exceeded** | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 39180 | Trichloroethene | | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 00094 | Field Conductivity | 409.69 | | | | UMHO/CM | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 00400 | Field pH | 6.86 | | | | SU | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 00010 | Field Temperature | 8.47 | | | | C | | |
| 500-180841-11 | 133 | MW-14S | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.28 | | | | FT | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77119 | Dichlorofluoromethane | 7.5 | | | 0.38 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 39180 | Trichloroethene | | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 00094 | Field Conductivity | 772.57 | | | | UMHO/CM | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 00400 | Field pH | 6.80 | | | | SU | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 00010 | Field Temperature | 9.51 | | | | C | | |
| 500-180841-12 | 134 | MW-14I | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.10 | | | | FT | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77093 | cis-1,2-Dichloroethene | 0.63 | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34668 | Dichlorodifluoromethane | 18 | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77119 | Dichlorofluoromethane | 15 | | | 0.38 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-13 | 125 | **DUP-01** | 04/14/2020 | 39180 | **Trichloroethene** | **0.63** | 0.5 | 5 | 0.16 | UG/L | **PAL Exceeded** | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-13 | 125 | DUP-01 | 04/14/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-14 | 117 | DUP-02 | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-14 | 117 | DUP-02 | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34030 | Benzene | 0.37 | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77119 | Dichlorofluoromethane | | | | 0.38 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34696 | Naphthalene | 0.36 | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34010 | Toluene | 2.3 | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 39180 | Trichloroethene | | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-15 | 997 | FB-01 | 04/15/2020 | 81551 | Xylenes, Total | 1.5 | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77119 | Dichlorofluoromethane | | | | 0.38 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 39180 | Trichloroethene | | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-16 | 999 | Trip Blank | 04/14/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-2 | 115 | MW-4D | 04/14/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-2 | 115 | MW-4D | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-2 | 115 | MW-4D | 04/14/2020 | 00094 | Field Conductivity | 889.7 | | | | UMHO/CM | | |
| 500-180841-2 | 115 | MW-4D | 04/14/2020 | 00400 | Field pH | 7.76 | | | | SU | | |
| 500-180841-2 | 115 | MW-4D | 04/14/2020 | 00010 | Field Temperature | 9.04 | | | | C | | |
| 500-180841-2 | 115 | MW-4D | 04/14/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.35 | | | | FT | | |
| 500-180841-3 | 117 | MW-5D | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-3 | 117 | MW-5D | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-3 | 117 | MW-5D | 04/15/2020 | 00094 | Field Conductivity | 754.65 | | | | UMHO/CM | | |
| 500-180841-3 | 117 | MW-5D | 04/15/2020 | 00400 | Field pH | 6.91 | | | | SU | | |
| 500-180841-3 | 117 | MW-5D | 04/15/2020 | 00010 | Field Temperature | 8.57 | | | | C | | |
| 500-180841-3 | 117 | MW-5D | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.73 | | | | FT | | |
| 500-180841-4 | 119 | MW-7I | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-4 | 119 | MW-7I | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-4 | 119 | MW-7I | 04/15/2020 | 00094 | Field Conductivity | 837.83 | | | | UMHO/CM | | |
| 500-180841-4 | 119 | MW-7I | 04/15/2020 | 00400 | Field pH | 6.73 | | | | SU | | |
| 500-180841-4 | 119 | MW-7I | 04/15/2020 | 00010 | Field Temperature | 9.47 | | | | C | | |
| 500-180841-4 | 119 | MW-7I | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 843.99 | | | | FT | | |
| 500-180841-5 | 122 | MW-8I | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-5 | 122 | MW-8I | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-5 | 122 | MW-8I | 04/15/2020 | 00094 | Field Conductivity | 1035.35 | | | | UMHO/CM | | |
| 500-180841-5 | 122 | MW-8I | 04/15/2020 | 00400 | Field pH | 6.63 | | | | SU | | |
| 500-180841-5 | 122 | MW-8I | 04/15/2020 | 00010 | Field Temperature | 8.85 | | | | C | | |
| 500-180841-5 | 122 | MW-8I | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.32 | | | | FT | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34668 | Dichlorodifluoromethane | 23 | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77119 | Dichlorofluoromethane | 26 | | | 0.38 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 39180 | Trichloroethene | 0.44 | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 00094 | Field Conductivity | 717.76 | | | | UMHO/CM | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 00400 | Field pH | 7.61 | | | | SU | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 00010 | Field Temperature | 8.65 | | | | C | | |
| 500-180841-6 | 124 | MW-9S | 04/14/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.20 | | | | FT | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77093 | cis-1,2-Dichloroethene | 0.6 | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34668 | Dichlorodifluoromethane | 21 | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77119 | Dichlorofluoromethane | 15 | | | 0.38 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-7 | 125 | **MW-9I** | 04/14/2020 | 39180 | **Trichloroethene** | **0.55** | 0.5 | 5 | 0.16 | UG/L | **PAL Exceeded** | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 00094 | Field Conductivity | 712.84 | | | | UMHO/CM | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 00400 | Field pH | 7.61 | | | | SU | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 00010 | Field Temperature | 7.45 | | | | C | | |
| 500-180841-7 | 125 | MW-9I | 04/14/2020 | 04189 | Groundwater Elevation (ft MSL) | 846.08 | | | | FT | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34668 | Dichlorodifluoromethane | 4.1 | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77119 | Dichlorofluoromethane | 2.1 | | | 0.38 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 39180 | Trichloroethene | | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 34488 | Trichlorofluoromethane | 2.8 | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 00094 | Field Conductivity | 790.62 | | | | UMHO/CM | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 00400 | Field pH | 7.43 | | | | SU | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 00010 | Field Temperature | 7.90 | | | | C | | |
| 500-180841-8 | 126 | MW-9B | 04/14/2020 | 04189 | Groundwater Elevation (ft MSL) | 845.84 | | | | FT | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77562 | 1,1,1,2-Tetrachloroethane | | 7 | 70 | 0.46 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34506 | 1,1,1-Trichloroethane | | 40 | 200 | 0.38 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34516 | 1,1,2,2-Tetrachloroethane | | 0.02 | 0.2 | 0.4 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34511 | 1,1,2-Trichloroethane | | 0.5 | 5 | 0.35 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34496 | 1,1-Dichloroethane | | 85 | 850 | 0.41 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34501 | 1,1-Dichloroethene | | 0.7 | 7 | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77168 | 1,1-Dichloropropene | | | | 0.3 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77613 | 1,2,3-Trichlorobenzene | | | | 0.46 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77443 | 1,2,3-Trichloropropane | | 12 | 60 | 0.41 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34551 | 1,2,4-Trichlorobenzene | | 14 | 70 | 0.34 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77222 | 1,2,4-Trimethylbenzene | | 96 | 480 | 0.36 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 38437 | 1,2-Dibromo-3-Chloropropane | | 0.02 | 0.2 | 2 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77651 | 1,2-Dibromoethane | | 0.005 | 0.05 | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34536 | 1,2-Dichlorobenzene | | 60 | 600 | 0.33 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 32103 | 1,2-Dichloroethane | | 0.5 | 5 | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34541 | 1,2-Dichloropropane | | 0.5 | 5 | 0.43 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77226 | 1,3,5-Trimethylbenzene | | 96 | 480 | 0.25 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34566 | 1,3-Dichlorobenzene | | 120 | 600 | 0.4 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77173 | 1,3-Dichloropropane | | | | 0.36 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34571 | 1,4-Dichlorobenzene | | 15 | 75 | 0.36 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77170 | 2,2-Dichloropropane | | | | 0.44 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77275 | 2-Chlorotoluene | | | | 0.31 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77277 | 4-Chlorotoluene | | | | 0.35 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34030 | Benzene | | 0.5 | 5 | 0.15 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 81555 | Bromobenzene | | | | 0.36 | UG/L | | |

## NR 140 PAL-ES Exceedance Report
## Stoughton LF - 375007

**Apr-20**

| Sample No | Well ID | Well Name | Date Sampled | Parameter | Description | RESULT | PAL | ES | LOD | Units | PAL Exceeded? | ES Exceeded? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77297 | Bromochloromethane | | | | 0.43 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 32101 | Bromodichloromethane | | 0.06 | 0.6 | 0.37 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 32104 | Bromoform | | 0.44 | 4.4 | 0.48 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34413 | Bromomethane | | 1 | 10 | 0.8 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 32102 | Carbon tetrachloride | | 0.5 | 5 | 0.38 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34301 | Chlorobenzene | | 20 | 100 | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34311 | Chloroethane | | 80 | 400 | 0.51 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 32106 | Chloroform | | 0.6 | 6 | 0.37 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34418 | Chloromethane | | 3 | 30 | 0.32 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77093 | cis-1,2-Dichloroethene | | 7 | 70 | 0.41 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34704 | cis-1,3-Dichloropropene | | 0.04 | 0.4 | 0.42 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 32105 | Dibromochloromethane | | 6 | 60 | 0.49 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77596 | Dibromomethane | | | | 0.27 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34668 | Dichlorodifluoromethane | | 200 | 1000 | 0.67 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77119 | Dichlorofluoromethane | 1.1 | | | 0.38 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 78113 | Ethylbenzene | | 140 | 700 | 0.18 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34391 | Hexachlorobutadiene | | | | 0.45 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 81577 | Isopropyl ether | | | | 0.28 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77223 | Isopropylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 78032 | Methyl tert-butyl ether | | 12 | 60 | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34423 | Methylene Chloride | | 0.5 | 5 | 1.6 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34696 | Naphthalene | | 10 | 100 | 0.34 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77342 | n-Butylbenzene | | | | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77224 | N-Propylbenzene | | | | 0.41 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77356 | p-Isopropyltoluene | | | | 0.36 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77350 | sec-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77128 | Styrene | | 10 | 100 | 0.39 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 77353 | tert-Butylbenzene | | | | 0.4 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34475 | Tetrachloroethene | | 0.5 | 5 | 0.37 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 81607 | Tetrahydrofuran | | 10 | 50 | 1.9 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34010 | Toluene | | 160 | 800 | 0.15 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34546 | trans-1,2-Dichloroethene | | 20 | 100 | 0.35 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34699 | trans-1,3-Dichloropropene | | 0.04 | 0.4 | 0.36 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 39180 | Trichloroethene | | 0.5 | 5 | 0.16 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 34488 | Trichlorofluoromethane | | 698 | 3490 | 0.43 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 39175 | Vinyl chloride | | 0.02 | 0.2 | 0.2 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 81551 | Xylenes, Total | | 400 | 2000 | 0.22 | UG/L | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 00094 | Field Conductivity | 606.2 | | | | UMHO/CM | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 00400 | Field pH | 6.57 | | | | SU | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 00010 | Field Temperature | 5.95 | | | | C | | |
| 500-180841-9 | 127 | MW-10S | 04/15/2020 | 04189 | Groundwater Elevation (ft MSL) | 843.91 | | | | FT | | |

# Attachment 3

# MW-13I Well Abandonment Form

State of Wis., Dept. of Natural Resources
dnr.wi.gov

# Well / Drillhole / Borehole Filling & Sealing

Form 3300-5 (R 4/2015) 

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

**Route to DNR Bureau:**
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other

## 1. Well Location Information

| County | WI Unique Well # of Removed Well | Hicap # |
|---|---|---|
| Dane | (MW-13I) | |

Lattitude / Longitude (see instructions): ° N, ° W
Format Code: ☒ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

| ¼ / ¼ | ¼ | Section | Township | Range |
|---|---|---|---|---|
| SW | NE | 4 | 5 | ☒ E ☐ W |

or Gov't Lot #

Well Street Address: Skogdalen Dr

| Well City, Village or Town | Well ZIP Code |
|---|---|
| Stoughton | 53589 |

Subdivision Name | Lot #

Reason For Removal From Service: Removed from Monitoring Program
WI Unique Well # of Replacement Well

## 2. Facility / Owner Information

Facility Name: Stoughton City Landfill
Facility ID (FID or PWS): 113005950
License/Permit/Monitoring #: 133
Original Well Owner:
Present Well Owner: WDNR
Mailing Address of Present Owner: 101 S. Webster Street

| City of Present Owner | State | ZIP Code |
|---|---|---|
| Madison | WI | 53707 |

## 3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):
If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (Specify)

Formation Type:
☐ Unconsolidated Formation ☒ Bedrock

| Total Well Depth From Ground Surface (ft) | Casing Diameter (in.) |
|---|---|
| 57.5 | 2.00 |
| **Lower Drillhole Diameter (in.)** | **Casing Depth (ft.)** |
| 6.0 | 57.5 |

Was well annular space grouted? ☒ Yes ☐ No ☐ Unknown

| If yes, to what depth (feet)? | Depth to Water (feet) |
|---|---|
| 45.0 | 0.0 |

## 4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|---|---|
| Pump and piping removed? | ☐ Yes | ☐ No | ☒ N/A |
| Liner(s) removed? | ☐ Yes | ☐ No | ☒ N/A |
| Liner(s) perforated? | ☐ Yes | ☐ No | ☒ N/A |
| Screen removed? | ☐ Yes | ☒ No | ☐ N/A |
| Casing left in place? | ☒ Yes | ☐ No | ☐ N/A |
| Was casing cut off below surface? | ☒ Yes | ☐ No | ☐ N/A |
| Did sealing material rise to surface? | ☒ Yes | ☐ No | ☐ N/A |
| Did material settle after 24 hours? | ☐ Yes | ☒ No | ☐ N/A |
| If yes, was hole retopped? | ☐ Yes | ☒ No | ☐ N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source | ☒ Yes | ☐ No | ☐ N/A |

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☒ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

*For Monitoring Wells and Monitoring Well Boreholes Only:*
☐ Bentonite Chips ☒ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

## 5. Material Used to Fill Well / Drillhole

| From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|---|---|---|---|
| Bentonite Grout | Surface | 57.5 | 15 gallons | |

## 6. Comments

## 7. Supervision of Work

| Name of Person or Firm Doing Filling & Sealing | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) |
|---|---|---|
| On-Site Environmental | | 04/17/2020 |

| Street or Route | Telephone Number |
|---|---|
| PO BOX 280 | 608-837-8992 |

| City | State | ZIP Code |
|---|---|---|
| Sun Prairie | WI | 53590 |

Signature of Person Doing Work: [signature] Title
Date Signed: 6/12/20

**DNR Use Only**

| Date Received | Noted By |
|---|---|
| | |

Comments