



# Still River Watershed Pollution Trackdown Survey

Report to the Town of Brookfield

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## I. Introduction

The Housatonic Valley Association (HVA) received a grant from the FY2017 round of the Clean Water Act Section 319 Nonpoint Source Pollution Reduction grant program to plan and implement a Pollution Trackdown survey ("Trackdown survey") in the Still River Watershed (see Map 1, attached). Trackdown surveys are designed to locate sources of pollution that are contributing to ongoing water quality Impairments in the Still River and several of its tributaries.

The Still River watershed is a 71-square-mile regional basin located in north-central Fairfield County. The Still River is a major tributary of the Housatonic River, flowing 25.4 miles from near the New York border to its confluence with the Housatonic near Lovers' Leap State Park in New Milford. The Still River watershed has experienced significant land use changes and corresponding impacts to surface water health since it was initially settled in the 1600s. The 1972 federal Clean Water Act combined with state and local efforts to address pollution from industry and wastewater treatment plants have made great progress towards improving the water quality of the Still River, making it a healthier ecosystem and safer for recreation - but nonpoint source pollution remains the biggest obstacle to its full recovery.

Watershed municipalities, state/federal/regional agencies, and NGOs with an interest in watershed protection and management have been working together to address nonpoint source pollution and other Still River watershed management issues since 2014. This ad hoc group (the Still River Partners) worked collaboratively to develop a management plan for the Still River watershed that includes a comprehensive assessment of existing conditions, articulates a shared vision for the Still River and goals that must be accomplished to achieve that vision, and lists specific actions critical to accomplishing those goals. As part of the assessment of existing conditions for the Still River Watershed Management Plan, HVA conducted rapid dry-weather (no precipitation for at least 48 hours) screening of stormwater outfalls along stream reaches listed as Impaired, which included a physical assessment and testing for Ammonia at outfalls with flow. The results of rapid screening were used to target Trackdown surveys. Trackdown surveys are identified in the Still River Watershed Management Plan as a priority action.<sup>1</sup>

The Still River Watershed is covered by the 2010 *Total Maximum Daily Load Analysis for Recreational Uses of the Still River Regional Basin*<sup>2</sup>, which includes several stream reaches that are Impaired for Recreational Use due to indicator bacteria as initially listed in the 2008

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<sup>1</sup> Still River Partners/Housatonic Valley Association. 2019. *Still River Watershed Management Plan*. Available here: [https://portal.ct.gov/-/media/DEEP/water/watershed\\_management/wm\\_plans/still/stillriverdanburywbppdf.pdf](https://portal.ct.gov/-/media/DEEP/water/watershed_management/wm_plans/still/stillriverdanburywbppdf.pdf)

<sup>2</sup> U.S. EPA. 2008. *A Total Maximum Daily Load Analysis for Recreational Uses of the Still River Regional Basin*. Available here: [https://attains.epa.gov/attains-public/api/documents/actions/CT\\_DEP01/40723/108055](https://attains.epa.gov/attains-public/api/documents/actions/CT_DEP01/40723/108055)

*Connecticut Integrated Water Quality Report*. These reaches are along the following streams: Still River mainstem, Miry Brook, Kohanza Brook, Padanaram Brook, Sympaug Brook, East Swamp Brook and Limekiln Brook. These reaches remain listed as Impaired for Recreational Use in the draft 2022 *Connecticut Integrated Water Quality Report*.<sup>3</sup> These reaches are also listed as Impaired for Aquatic Life Use, or were unassessed for Aquatic Life Use.

According to the *Total Maximum Daily Load Analysis for Recreational Uses of the Still River Regional Basin*, potential sources of indicator bacteria include stormwater runoff, sanitary sewer overflows, and illicit discharges to the storm sewer system. Trackdown surveys use water quality data collected at stormwater outfalls to identify sections of the storm sewer system that may be contributing indicator bacteria and other pollution to streams, and then use additional water quality data collected at junctures in the storm sewer system upstream of those outfalls (accessed through storm drains or manholes) to isolate areas where that pollution is likely entering the system. HVA developed a Quality Assurance Project Plan (QAPP) for Still River watershed Trackdown surveys that was approved by CT-DEEP and EPA.<sup>4</sup>

## II. Trackdown Survey Process

1. **Ambient water quality monitoring** – Ambient water quality monitoring was conducted in 2020 at 14 sites in the Still River watershed, including 5 sites on the mainstem of the Still River and 7 sites on impaired tributaries (see Figure 1, attached). These 12 sites were selected for their proximity to roads for ease of access and, in some cases, their overlap with preexisting CT DEEP and/or USGS monitoring sites. Ambient monitoring data was used to prioritize areas for outfall screening. Priority outfalls were selected based on surrounding land use, and other characteristics recorded during assessments. Sampling occurred approximately every two weeks from May 7<sup>th</sup> until the second week of September for a total of ten sampling events. Crews sampled in both wet and dry weather, with wet weather being defined as greater than 0.1 inches of rain in a prior 48 hour period, and dry weather being defined as less than 0.1 inches of rain in a prior 48 hour period. HVA tested parameters in the field using a YSI Pro Plus Multiparameter Instruments which collected temperature (°C), conductivity (mS), salinity (ppt), and dissolved oxygen (%), while field test kits were used to collect surfactants (CHEMetrics SAM Kit), chlorine (HACH DR300 Pocket Meter), and ammonia (HACH Pocket Colorimeter II). A 250 mL water sample was collected at each site and then tested for *E. coli* and fecal coliform.
2. **Outfall screening** – HVA revisited outfalls that were flagged as potential sources of pollution during rapid dry-weather screening to perform a more detailed follow-up assessment. Follow-up assessments included the following parameters: Indicator Bacteria (fecal coliform and *E. coli*); Ammonia; Surfactants; Chlorine; Conductivity; Salinity; Temperature. Bacteria samples were processed by either Harbor Watch, Inc.

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<sup>3</sup> CT Department of Energy and Environmental Protection. 2022. *Draft Connecticut Integrated Water Quality Report*. Available here: <https://portal.ct.gov/DEEP/Water/Water-Quality/Water-Quality-305b-Report-to-Congress#2022%20Draft%20Documents>

<sup>4</sup> Available upon request from HVA. Please contact Mike Jastremski, Watershed Conservation Director: [MJ.HVA@outlook.com](mailto:MJ.HVA@outlook.com); 315-212-4181.

- (Westport, CT) or HydroTechnologies LLC (New Milford, CT). HVA tested parameters in the field using a YSI multiparameter instruments which collected temperature (°C), conductivity (mS), salinity (ppt), and dissolved oxygen (%), while field test kits were used to collect surfactants, chlorine, and ammonia. Outfalls that were recorded to have a suspicious odor, excessive vegetation or algal growth, ammonia field testing above 1.0 ppm, or other indicators of poor quality were selected for additional end of pipe sampling. Water samples with high levels of indicator bacteria of *E. coli* and fecal coliform, or other pollutants were then flagged for Trackdown sampling.
3. **Trackdown survey** – HVA worked with municipal staff to understand subsurface drainage upstream of stormwater outfalls suspected of contributing pollution to surface waters, and tested for the same parameters used for outfall screening at accessible junctures in the storm sewer system.

### III. Ambient Monitoring Results

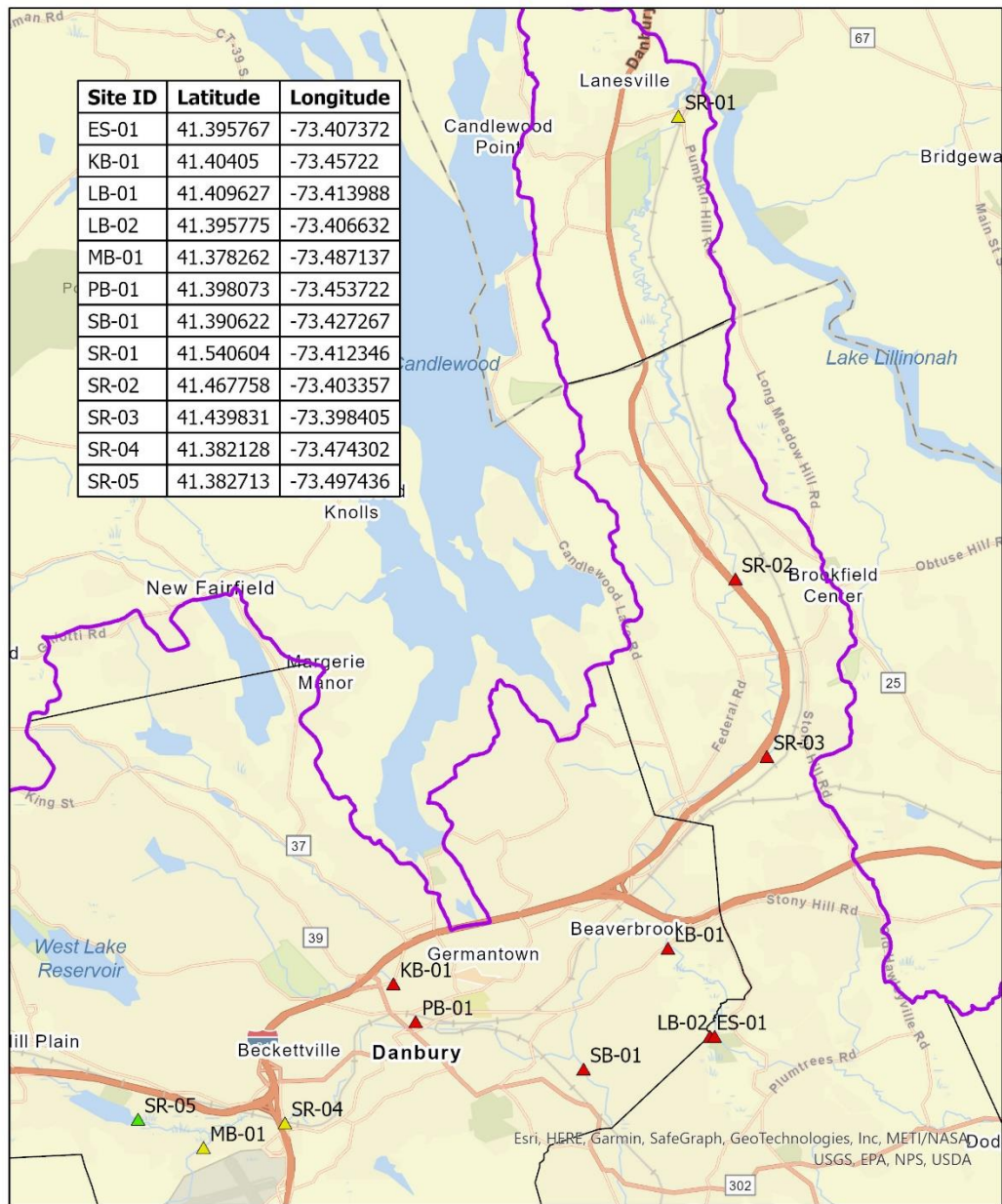
Ambient water quality monitoring samples were collected at the bottom of each subwatershed for Kohanza Brook, Miry Brook, Padanaram Brook, Sympaug Brook, East Swamp Brook, Limekiln Brook and the Still River main stem. These sites spanned over five Towns within the Still River Watershed with those towns being New Milford, Danbury, Brookfield, Newtown, and Bethel. Those areas that were above 410 cfu/100ml, were a priority when choosing outfall screening and pollution Trackdowns. A final determination of priorities will take into account all the parameters, however these values should be given specific priority in order to meet the reductions outlined in the Still River TMDL.

The map and tables below show the results of our ambient monitoring for *E. coli*. Values shown in red indicate sample sites and dates where values exceeded a benchmark amount for *E. coli* (410 colony forming units/100ml). Mean and Median *E. coli* values for two sites were below this benchmark- Miry Brook before the Danbury Fair Mall area and the Still River at the outlet of Lake Kenosia. Ambient monitoring indicated that Miry Brook, Kohanza Brook, Sympaug Brook, Padanaram Brook, and the Still River all had instances where *E. coli* levels exceeded benchmark thresholds of 410 MPN/100mL (Table 2). Only one ambient monitoring site, SR-05 which is at the outlet of Lake Kenosia, did not have any samples exceed the *E. coli* threshold. All but two sites also averaged above the *E. coli* threshold, with those two sites being SR-05 and MB-01. As a result, sites that were above the *E. coli* threshold were selected for additional outfall sampling. HVA focused detailed outfall screening in areas with the highest *E. coli* readings.

| Site ID | Corresponding DEEP or USGS site ID | Site Description                                                        | Latitude | Longitude |
|---------|------------------------------------|-------------------------------------------------------------------------|----------|-----------|
| ES-01   | 680                                | East Swamp Brook, 64 Shelter Rock Rd, Across from Utility pole, Bethel  | 41.39546 | -73.4073  |
| KB-01   | 1607                               | Kohanza Brook, 21 North St, Behind Milenio Barber Shop, Danbury         | 41.40376 | -73.457   |
| LB-01   | 148                                | Limekiln Brook, 79 Newtown Rd, Across from Boat Launch Parking, Danbury | 41.41109 | -73.4143  |
| LB-02   | 673                                | Limekiln Brook, 64 Shelter Rock Rd, Upstream of culvert Bethel          | 41.39536 | -73.4061  |
| MB-01   | 1608                               | Miry Brook, Across from Danbury Dog Park Entrance, Danbury              | 41.36859 | -73.4937  |
| PB-01   | 613                                | Padanaram Brook, Brookview Commons, 30 Crosby St, Danbury               | 41.39841 | -73.4541  |
| SB-01   | 342                                | Sympaug Brook, 48 Shelter Rock Rd, Behind Charter Oak Brewing, Danbury  | 41.39127 | -73.4278  |
| SR-01   | 332                                | Still River, Harrybrooke Park, Downstream Boat Launch, New Milford      | 41.53827 | -73.4147  |
| SR-02   | 1609<br>USGS - 01201487            | Still River, Brookfield Still River Greenway, Silvermine Rd, Brookfield | 41.46777 | -73.4033  |
| SR-03   |                                    | Still River, Grays Bridge Rd and Sand Cut Rd, Brookfield                | 41.43966 | -73.3988  |
| SR-04   | 1613                               | Still River, Under Route 7 North overpass, Danbury                      | 41.38213 | -73.475   |
| SR-05   | 1612                               | Still River, 11 Kenosia Ave, Outlet of Lake Kenosia, Danbury            | 41.38276 | -73.4974  |

*Table 1: Site list of ambient water quality monitoring sites.*

# Still River Ambient Monitoring Sites 2020



## 2020 Outfalls

Total Times E. coli >410 MPN/100mL

- ▲ 0
- ▲ 1 - 2
- ▲ 3+

Still River Watershed Boundary

Watershed Towns

0 0.75 1.5 3 Miles



Figure 1: Site map of ambient water quality monitoring sites. Zero times exceeding 410 MPN/100mL E. coli is shown in green symbols, one to two times exceeding 410 MPN/100mL is shown in yellow, three or more times exceeding 410 MPN/100mL is shown in red.

| Site ID           | Min | Mean | Median | Max   | 6/11 | 6/24 | 7/6  | 7/16 | 7/28 | 8/13  | 8/19 | 8/27  | 9/10  | 9/15 |
|-------------------|-----|------|--------|-------|------|------|------|------|------|-------|------|-------|-------|------|
| ES-01             | 54  | 917  | 817    | 2420  | 2420 | 1102 | 1443 | 1954 | 292  | 889   | 744  | 122   | 54    | 148  |
| KB-01             | 216 | 3263 | 2477   | >9678 | 921  | 2599 | 714  | 2595 | 1019 | 2851  | 2359 | 9678  | >9678 | 216  |
| LB-01             | 160 | 900  | 403    | 3106  | 687  | 398  | 232  | 160  | 394  | 3106  | 409  | >2419 | 922   | 275  |
| LB-02             | 108 | 517  | 343    | 1961  | 276  | 775  | 132  | 108  | 209  | 1961  | 582  | 261   | 461   | 411  |
| MB-01             | 61  | 273  | 222    | 921   | 308  | 271  | 241  | 203  | 118  | 76    | 461  | 66    | 921   | 61   |
| PB-01             | 321 | 1590 | 959    | 4839  | 1300 | 922  | 875  | 606  | 996  | 1954  | 3466 | >4839 | 626   | 321  |
| SB-01             | 317 | 1832 | 675    | >9678 | 517  | 403  | 533  | 317  | 395  | >9678 | 1333 | 3466  | 816   | 866  |
| SR-01             | 9   | 550  | 154    | 3973  | 210  | 141  | 384  | 281  | 165  | 143   | 3973 | 71    | 9     | 125  |
| SR-02             | 135 | 780  | 232    | >4839 | 219  | 153  | 276  | 216  | 135  | >4839 | 1045 | 245   | 210   | 461  |
| SR-03             | 185 | 925  | 376    | >4839 | 613  | 357  | 396  | 406  | 239  | >4839 | 1642 | 357   | 185   | 214  |
| SR-04             | 75  | 564  | 268    | >2419 | 185  | 135  | 260  | 409  | 275  | 319   | 152  | 1414  | >2419 | 75   |
| SR-05             | <1  | 25   | 15     | 126   | 17   | 38   | 21   | 15   | 6    | 16    | 4    | 5     | 126   | <1   |
| *Units: mpn/100mL |     |      |        |       |      |      |      |      |      |       |      |       |       |      |

Table 2: Results for *E. coli* for each sample site, and each sampling date. Minimum/Mean/Median/Max summarizes data for all dates. Exceedance of 410 MPN/100ml shown in red. Data for other parameters is included as Appendix 1.

## Brookfield Results

Ambient water quality monitoring samples were collected at the bottom of each subwatershed for Kohanza Brook, Miry Brook, Padanaram Brook, Sympaug Brook, East Swamp Brook, Limekiln Brook and the Still River main stem in 2020 (Figure 1). These sites prioritized further outfall sampling along sections of each respective waterbody. Outfalls in Brookfield are shown below, split between outfall sampling and Trackdown surveys (Figure 2, 3, 4, 5). Results in red indicate that *E. coli* levels were above the threshold limit of 410 MPN/100mL. Results from each sampling date are shown, as well as minimum, maximums, and mean at each site.

Outfall sampling only resulted in one outfall being consistently over the *E. coli* threshold of 410 MPN/100mL. MS2\_6\_OT5 averaged over the threshold limit, with the value being greater than 2420 MPN/100mL. The other outfall, MS2\_2a\_OT5, was below the threshold with an average of 138 MPN/100mL.

Trackdown results from 2\_Dean\_OT1, 4\_Dean\_OT1, and 8\_Dean\_OT1 are also shown below. Trackdown results include the results from the outfall being investigated, and accessible drain covers, man holes, and storm grates that are upstream and connected to the outfall. Trackdown results had several samples that exceeded the 410 MPN/100mL threshold for *E. coli*. Each site had at least one sample test over the threshold limit, indicating that there is an *E. coli* source. 8\_Dean\_OT1 and its connected storm drain system all were over the threshold (figure

5). A total of four samples were taken with all four being over 410 MPN/100mL. 4\_Dean\_OT1 had two samples test over 410 MPN/100mL with one samples exceeding the threshold on 8/31/22, with a value of 866 MPN/100mL, and the other sample exceeding the threshold value on 9/6/22, with a value of 1095 MPN/100mL (Figure 4; Table ). The other samples did not have *E. coli* levels higher than the threshold. 2\_Dean\_OT1 only had one sample taken, but it exceeded threshold values with a value of 921 MPN/100mL (Figure 3; Table 4). Total coliform exceeded 2420 MPN/100mL for all samples taken during the Trackdowns of all three outfalls. (Table 4).

# Brookfield Outfalls 2020-2022

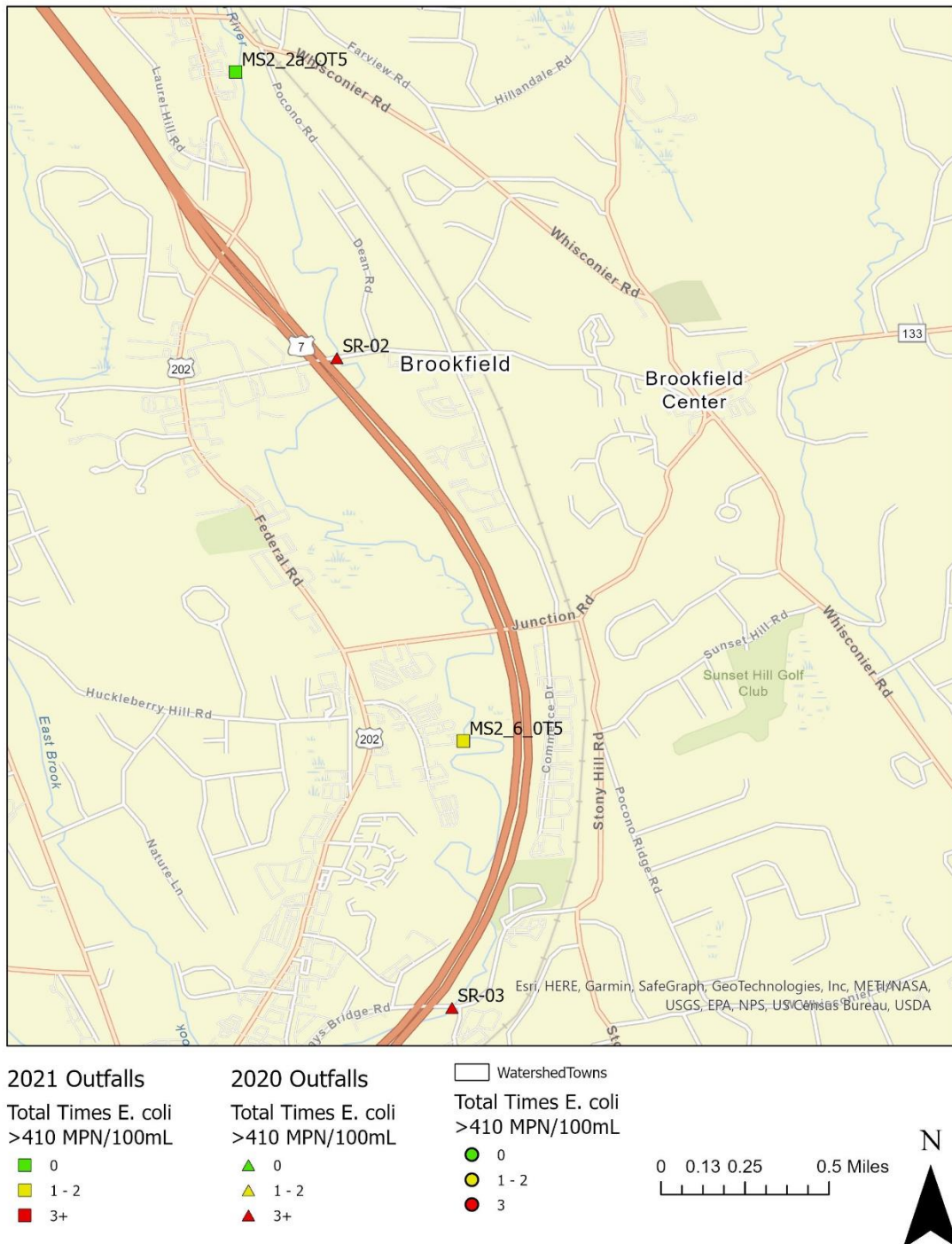


Figure 2: Outfall map for Brookfield. Square symbols represent samples from 2021, circle symbols represent sites from 2022. Green symbols represent zero times exceeding E. coli levels of 410 MPN/100mL, yellow symbols represent one to two times exceeding E. coli levels of 410 MPN/100mL, red symbols represent three or more times exceeding E. coli levels of 410 MPN/100mL.

| Site_ID           | Waterbody   | Latitude    | Longitude    | Min  | Mean | Median | Max  | 6/22 | 6/29 | 7/12 | 7/29 | 9/1   |
|-------------------|-------------|-------------|--------------|------|------|--------|------|------|------|------|------|-------|
| MS2_2a_OT5        | Still River | 41.48002699 | -73.40771187 | 83   | 138  | 93     | 238  | 93   | -    | 83   | -    | 238   |
| MS2_6_OT5         | Still River | 41.45127302 | -73.3979155  | 2420 | 2420 | 2420   | 2420 | -    | -    | -    | -    | >2420 |
| *Units: mpn/100mL |             |             |              |      |      |        |      |      |      |      |      |       |

Table 3: Results for E. coli for sample outfalls in Brookfield, and each sampling date in Brookfield.

Minimum/Mean/Median/Max summarizes data for all dates. Exceedance of 410 MPN/100ml shown in red. Data for other parameters is included as Appendix 1.

## 2\_Dean\_OT1

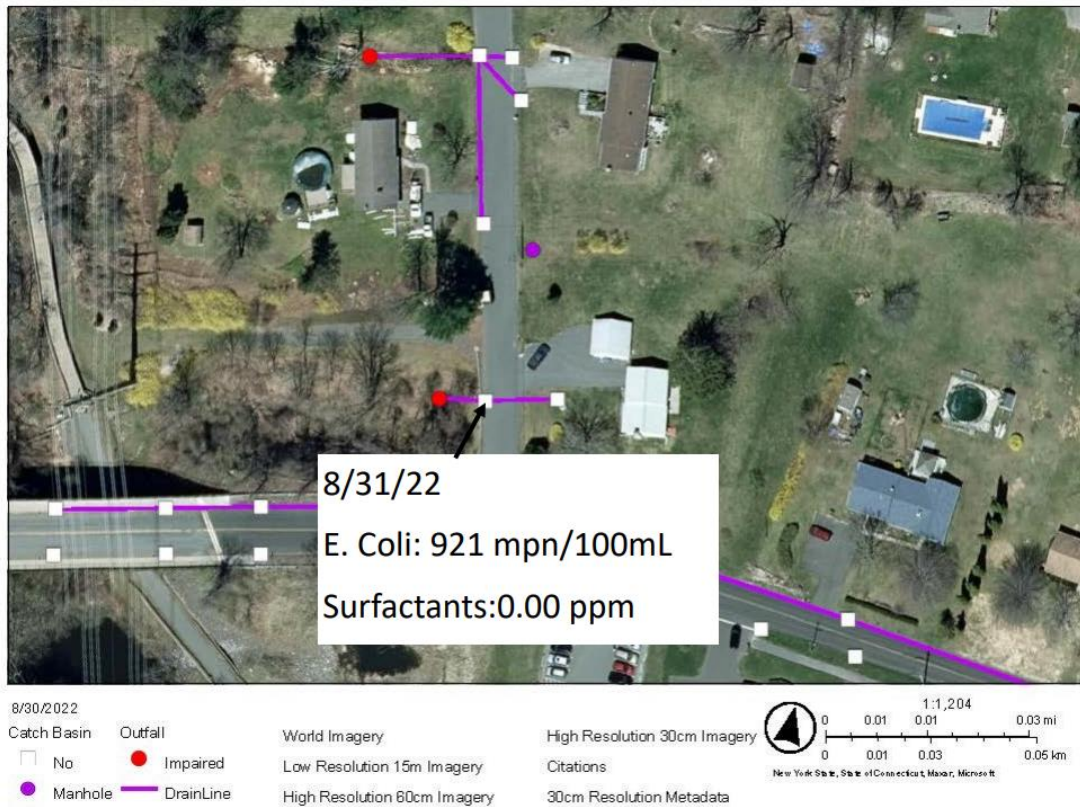


Figure 3: Trackdown Map on 2\_Dean\_OT1 and connected outfalls and storm drains. Red circle is the outfall. Squares represent storm grates. Purple circles are man hole covers. Purple lines show drainage connections.

#### 4\_Dean\_OT1



Figure 4: Trackdown Map on 4\_Dean\_OT1 and connected outfalls and storm drains. Surfactants data is in blue boxes and E. coli data is in white boxes. Red circle is the outfall. Squares represent storm grates. Purple circles are man hole covers. Purple lines show drainage connections.

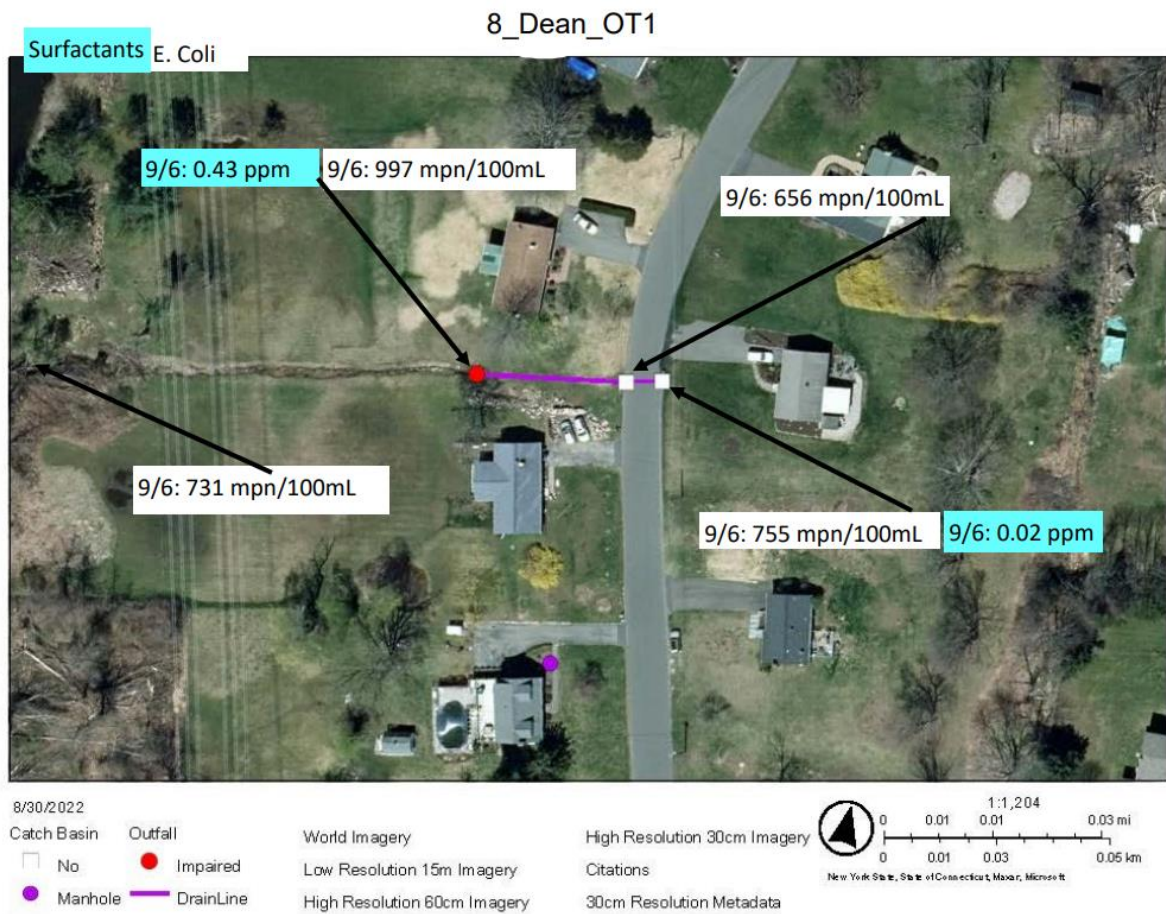


Figure 5: Trackdown Map on 8\_Dean\_OT1 and connected outfalls and storm drains. Surfactants data is in blue boxes and E. coli data is in white boxes. Red circle is the outfall. Squares represent storm grates. Purple circles are man hole covers. Purple lines show drainage connections.

| Site ID     | Date | Total Coliform (MPN/100mL) | E. coli (MPN/100mL) | Water Temp (C) | Specific Cond. (us/cm) | Salinity (ppt) | Ammonia (ppm) | Chlorine (mg/L) | Surfactants (ppm) | pH   | DO%  |
|-------------|------|----------------------------|---------------------|----------------|------------------------|----------------|---------------|-----------------|-------------------|------|------|
| 2_Dean_DC1  | 8/31 | >2420                      | 921                 | 21             | 1061                   | 0.42           | 0.5           | 0               | 0                 | 6.61 | 0.9  |
| 4_Dean_DC1  | 8/31 | >2420                      | 866                 | 21.8           | 97.8                   | 0.05           | 0             | 0.12            | 0.21              | 7.21 | 0.9  |
| 4_Dean_DC3  | 8/31 | >2420                      | 23                  | 21.7           | 1252                   | 0.86           | 0             | 0               | 0.1               | 7.77 | 0.08 |
| 4_Dean_DC4  | 8/31 | >2420                      | 11                  | 22.8           | 191.6                  | 0.09           | 0.25          | 0               | 0.57              | 6.93 | 0.08 |
| 4_Dean_DC2  | 8/31 | >2420                      | 148                 | 23.3           | 85.4                   | 0.04           | 0.25          | 0.15            | 0.51              | 7.35 | 0.9  |
| 4_Dean_OT1  | 9/6  | >4839                      | 85                  | -              | -                      | -              | -             | 2.7             | -                 | -    | -    |
| 4_Dean_DC1  | 9/6  | >4839                      | 104                 | -              | -                      | -              | -             | -               | 0.2               | -    | -    |
| 4_Dean_DC2  | 9/6  | >4839                      | 158                 | -              | -                      | -              | -             | -               | 0.14              | -    | -    |
| 4_Dean_DC3  | 9/6  | >4839                      | 1095                | -              | -                      | -              | -             | -               | 0.54              | -    | -    |
| 4_Dean_DC4  | 9/6  | >4839                      | 27                  | -              | -                      | -              | -             | -               | 0.32              | -    | -    |
| 8_Dean_DC1  | 9/6  | >4839                      | 656                 | -              | -                      | -              | -             | -               | 2.7               | -    | -    |
| 8_Dean_DC2  | 9/6  | 4839                       | 775                 | 21.5           | 157.1                  | 0.07           | 0             | 0.5             | 0.02              | 7.54 | 6.8  |
| 8_Dean_OT1  | 9/6  | >4839                      | 977                 | 21.2           | 138.2                  | 0.43           | 0             | 1.4             | 0.43              | 7.65 | 75.5 |
| 8_Dean_OCT1 | 9/6  | >4839                      | 731                 | -              | -                      | -              | -             | -               | -                 | -    | -    |

Table 4: Trackdown results from all Brookfield Trackdowns. E. coli Exceedance of 410 MPN/100ml shown in red. All other parameters are also included.

## IV. Discussion/Recommendations

In addition to outfall sampling in 2021, three pollution Trackdowns were conducted in 2022. Of the two outfalls sampled in Brookfield, only one exceeded threshold values of 410 MPN/100mL. MS2\_6\_OT5 had a value of greater than 2410 MPN/100mL, which is much higher than the benchmark value for *E. coli*. A Trackdown survey of this outfall is recommended given such high *E. coli* values to identify and remediate the source of the pollutants. Trackdowns in Brookfield were conducted to identify possible sources of *E. coli* within the stormwater system upstream of each outfall. 2\_Dean\_OT1 had only one sample taken from the drain cover immediately upstream from the outfall. This drain cover tested at 921 MPN/100mL and only had one more drain cover upstream, limiting potential sources of *E. coli*. 4\_Dean\_OT1 was tested twice, once on 8/31 and once on 9/6. There were two drain covers that were tested that came back exceeding the threshold value. 4\_Dean\_DC1 and 4\_Dean\_DC3 tested at 866 MPN/100mL and 1095 MPN/100mL respectively. 8\_Dean\_OT1 and every connected drain cover exceeded the threshold value. The data from all the Trackdowns, indicates an issue with *E. coli* contamination and we are aware of current issues with septic systems in the area which is the most likely source contributing to the high *E. coli* levels. Recommendations would be to would be to fix existing systems or to switch to a sewer system to lower the amount of *E. coli* entering the stormwater system and subsequently the Still River Watershed.

## Appendix

### a. Ammonia

| Site ID     | Waterbody        | Town        | Min  | Mean | Median   | Max       | Count | 6/11/2020 | 6/24/2020 | 7/6/2020 | 7/16/2020 | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |
|-------------|------------------|-------------|------|------|----------|-----------|-------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ES-01       | East Swamp Brook | Danbury     | 0    | 0.15 | 0.09     | 0.46      | 10    | 0.33      | 0.29      | 0        | 0.1       | 0.01      | 0.26      | 0.08      | 0.46      | 0.00      | 0         |
| KB-01       | Kohanza Brook    | Danbury     | 0.01 | 0.20 | 0.21     | 0.54      | 10    | 0.54      | 0.17      | 0.01     | 0.25      | 0.04      | 0.32      | 0.31      | 0.38      | 0.01      | 0.01      |
| LB-01       | Limekiln Brook   | Danbury     | 0.00 | 0.21 | 0.22     | 0.56      | 10    | 0.32      | 0.33      | 0        | 0.18      | 0.36      | 0.25      | 0.04      | 0.56      | 0.01      | 0.01      |
| LB-02       | Limekiln Brook   | Bethel      | 0.01 | 0.15 | 0.12     | 0.4       | 9     | 0.17      | 0.22      |          | 0.12      | 0.03      | 0.36      | 0.02      | 0.4       | 0.01      | 0.01      |
| MB-01       | Miry Brook       | Danbury     | 0.00 | 0.13 | 0.12     | 0.3       | 10    | 0.09      | 0.26      | 0.18     | 0         | 0.02      | 0.25      | 0.3       | 0.15      | 0.00      | 0.01      |
| PB-01       | Padanaram Brook  | Danbury     | 0.00 | 0.18 | 0.14     | 0.51      | 10    | 0.28      | 0.2       | 0.08     | 0         | 0.06      | 0.27      | 0.39      | 0.51      | 0.01      | 0.01      |
| SB-01       | Sympaug Brook    | Danbury     | 0.01 | 0.23 | 0.24     | 0.46      | 10    | 0.23      | 0.26      | 0.21     | 0.25      | 0.04      | 0.35      | 0.46      | 0.43      | 0.01      | 0.01      |
| SR-01       | Still River      | New Milford | 0.00 | 0.21 | 0.16     | 0.82      | 10    | 0.18      | 0.22      | 0        | 0.13      | 0.21      | 0.25      | 0.03      | 0.82      | 0.10      | 0.12      |
| SR-02       | Still River      | Brookfield  | 0.00 | 0.19 | 0.19     | 0.64      | 10    | 0.2       | 0.24      | 0        | 0.17      | 0.34      | 0.2       | 0.04      | 0.64      | 0.02      | 0.02      |
| SR-03       | Still River      | Brookfield  | 0.02 | 0.20 | 0.16     | 0.65      | 10    | 0.32      | 0.19      | 0.1      | 0.12      | 0.26      | 0.34      | 0.03      | 0.65      | 0.02      | 0.02      |
| SR-04       | Still River      | Danbury     | 0.00 | 0.28 | 0.17     | 1.21      | 10    | 0.15      | 1.21      | 0.48     | 0         | 0.01      | 0.36      | 0.43      | 0.19      | 0.00      | 0         |
| SR-05       | Still River      | Danbury     | 0.00 | 0.14 | 0.17     | 0.32      | 10    | 0.13      | 0.24      | 0.22     | 0         | 0.02      | 0.2       | 0.32      | 0.22      | 0.00      | 0         |
| *Units: ppm |                  |             |      |      |          |           |       |           |           |          |           |           |           |           |           |           |           |
| Site_ID     | Waterbod         | Town        |      |      | Latitude | Longitude | Min   | Mean      | Median    | Max      | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021  |           |
| MS2_2a_OT5  | Still River      | Brookfield  |      |      | 41.48003 | -73.4077  | 0.00  | 0.03      | 0.03      | 0.05     |           | 0.05      | -         | 0.03      | -         | 0         |           |
| MS2_6_OT5   | Still River      | Brookfield  |      |      | 41.45127 | -73.3979  | 0.00  | 0.00      | 0.00      | 0.00     |           | -         | -         | -         | -         | 0         |           |

### b. Chlorine

| Site ID      | Waterbody        | Town        | Min  | Mean | Median | Max      | Count     | 6/11/2020 | 6/24/2020 | 7/6/2020 | 7/16/2020 | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |
|--------------|------------------|-------------|------|------|--------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ES-01        | East Swamp Brook | Danbury     | 0.01 | 0.05 | 0.05   | 0.09     | 10        | 0.08      | 0.06      | 0.02     | 0.01      | 0.01      | 0.09      | 0.04      | 0.05      | 0.05      | 0.05      |
| KB-01        | Kohanza Brook    | Danbury     | 0    | 0.06 | 0.05   | 0.19     | 10        | 0         | 0.18      | 0.02     | 0.05      | 0.05      | 0         | 0.05      | 0.06      | 0.19      | 0.04      |
| LB-01        | Limekiln Brook   | Danbury     | 0.01 | 0.06 | 0.05   | 0.14     | 10        | 0.02      | 0.14      | 0.09     | 0.05      | 0.02      | 0.07      | 0.01      | 0.04      | 0.04      | 0.07      |
| LB-02        | Limekiln Brook   | Bethel      | 0    | 0.04 | 0.03   | 0.1      | 9         | 0.03      | 0.06      |          | 0.06      | 0         | 0.03      | 0.1       | 0.06      | 0.01      | 0.02      |
| MB-01        | Miry Brook       | Danbury     | 0    | 0.09 | 0.08   | 0.25     | 10        | 0         | 0.07      | 0.07     | 0.1       | 0.25      | 0.08      | 0.11      | 0.15      | 0.03      | 0.07      |
| PB-01        | Padanaram Brook  | Danbury     | 0    | 0.07 | 0.04   | 0.19     | 10        | 0         | 0.03      | 0.02     | 0.03      | 0.12      | 0.19      | 0.03      | 0.12      | 0.12      | 0.04      |
| SB-01        | Sympaug Brook    | Danbury     | 0    | 0.05 | 0.04   | 0.2      | 10        | 0         | 0         | 0.07     | 0.2       | 0.03      | 0.04      | 0.06      | 0.02      | 0.06      | 0.03      |
| SR-01        | Still River      | New Milford | 0    | 0.05 | 0.04   | 0.22     | 10        | 0         | 0.06      | 0.22     | 0.02      | 0.05      | 0         | 0.04      | 0.03      | 0.05      | 0.03      |
| SR-02        | Still River      | Brookfield  | 0    | 0.08 | 0.04   | 0.39     | 10        | 0         | 0.09      | 0.39     | 0         | 0.03      | 0.09      | 0.05      | 0.03      | 0.05      | 0.02      |
| SR-03        | Still River      | Brookfield  | 0    | 0.06 | 0.05   | 0.14     | 10        | 0         | 0.07      | 0.04     | 0.1       | 0.07      | 0.14      | 0.05      | 0.02      | 0.04      | 0.05      |
| SR-04        | Still River      | Danbury     | 0    | 0.04 | 0.04   | 0.1      | 10        | 0         | 0.06      | 0        | 0         | 0.04      | 0.1       | 0.02      | 0.05      | 0.08      | 0.04      |
| SR-05        | Still River      | Danbury     | 0    | 0.05 | 0.05   | 0.11     | 10        | 0         | 0         | 0.06     | 0         | 0.11      | 0         | 0.05      | 0.04      | 0.09      | 0.1       |
| *Units: mg/L |                  |             |      |      |        |          |           |           |           |          |           |           |           |           |           |           |           |
| Site_ID      | Waterbody        | Town        |      |      |        | Latitude | Longitude | Min       | Mean      | Median   | Max       | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021  |
| MS2_2a_OT5   | Still River      | Brookfield  |      |      |        | 41.48003 | -73.4077  | 0.05      | 0.46      | 0.06     | 1.26      |           | 1.26      | -         | 0.06      | -         | 0.05      |
| MS2_6_OT5    | Still River      | Brookfield  |      |      |        | 41.45127 | -73.3979  | 0.09      | 0.09      | 0.09     | 0.09      |           | -         | -         | -         | -         | 0.09      |

### C. Conductivity

| Site ID       | Waterbody        | Town        | Min      | Mean      | Median | Max     | Count   | 6/11/2020 | 6/24/2020 | 7/6/2020  | 7/16/2020 | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |
|---------------|------------------|-------------|----------|-----------|--------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ES-01         | East Swamp Brook | Danbury     | 324.3    | 421.40    | 429.15 | 513.7   | 10      | 444.2     | 443.0     | 334.5     | 415.3     | 394.0     | 357.8     | 324.3     | 505.1     | 482.1     | 513.7     |
| KB-01         | Kohanza Brook    | Danbury     | 350.4    | 653.74    | 664.50 | 849     | 10      | 595.0     | 849.0     | 801.0     | 616.0     | 733.0     | 744.0     | 549.0     | 350.4     | 587.0     | 713.0     |
| LB-01         | Limekiln Brook   | Danbury     | 583      | 689.40    | 720.50 | 780     | 10      | 725.0     | 780.0     | 647.0     | 717.0     | 757.0     | 587.0     | 600.0     | 583.0     | 724.0     | 774.0     |
| LB-02         | Limekiln Brook   | Bethel      | 303      | 382.22    | 383.80 | 466     | 9       | 383.8     | 395.6     |           | 333.0     | 367.7     | 378.0     | 303.0     | 405.8     | 407.1     | 466.0     |
| MB-01         | Miry Brook       | Danbury     | 340.8    | 394.39    | 376.30 | 470.4   | 10      | 362.5     | 344.3     | 381.5     | 352.4     | 340.8     | 470.4     | 461.1     | 390.1     | 371.1     | 469.7     |
| PB-01         | Padanaram Brook  | Danbury     | 477.7    | 758.87    | 788.50 | 878     | 10      | 759.0     | 878.0     | 828.0     | 742.0     | 716.0     | 818.0     | 649.0     | 477.7     | 856.0     | 865.0     |
| SB-01         | Sympaug Brook    | Danbury     | 455      | 622.10    | 598.00 | 827     | 10      | 692.0     | 581.0     | 535.0     | 616.0     | 599.0     | 455.0     | 543.0     | 597.0     | 776.0     | 827.0     |
| SR-01         | Still River      | New Milford | 346.3    | 661.93    | 699.00 | 795     | 10      | 754.0     | 795.0     | 563.0     | 685.0     | 608.0     | 713.0     | 346.3     | 751.0     | 647.0     | 757.0     |
| SR-02         | Still River      | Brookfield  | 504.9    | 709.29    | 751.00 | 823     | 10      | 786.0     | 789.0     | 695.0     | 676.0     | 737.0     | 511.0     | 504.9     | 823.0     | 806.0     | 765.0     |
| SR-03         | Still River      | Brookfield  | 524      | 732.10    | 761.00 | 836     | 10      | 780.0     | 789.0     | 711.0     | 723.0     | 742.0     | 524.0     | 582.0     | 829.0     | 805.0     | 836.0     |
| SR-04         | Still River      | Danbury     | 532      | 583.20    | 585.50 | 664     | 10      | 585.0     | 664.0     | 586.0     | 537.0     | 532.0     | 591.0     | 538.0     | 564.0     | 613.0     | 622.0     |
| SR-05         | Still River      | Danbury     | 540      | 573.10    | 573.50 | 607     | 10      | 565.0     | 583.0     | 595.0     | 540.0     | 607.0     | 554.0     | 551.0     | 573.0     | 574.0     | 589.0     |
| *Units: us/cm |                  |             |          |           |        |         |         |           |           |           |           |           |           |           |           |           |           |
| Site_ID       | Waterbody        | Town        | Latitude | Longitude | Min    | Mean    | Median  | Max       | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021  |           |           |           |
| MS2_2a_OT5    | Still River      | Brookfield  | 41.48003 | -73.4077  | 177.80 | 1301.93 | 1403.00 | 2325.00   |           | 2325      | -         | 1403      | -         | 177.8     |           |           |           |
| MS2_6_OT5     | Still River      | Brookfield  | 41.45127 | -73.3979  | 28.40  | 28.40   | 28.40   | 28.40     |           | -         | -         | -         | -         | 28.4      |           |           |           |

### d. Salinity

| Site ID     | Waterbody        | Town        | Min      | Mean      | Median | Max  | Count  | 6/11/2020 | 6/24/2020 | 7/6/2020  | 7/16/2020 | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |
|-------------|------------------|-------------|----------|-----------|--------|------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ES-01       | East Swamp Brook | Danbury     | 0.16     | 0.20      | 0.2    | 0.25 | 10     | 0.20      | 0.2       | 0.16      | 0.2       | 0.19      | 0.2       | 0.16      | 0.24      | 0.23      | 0.25      |
| KB-01       | Kohanza Brook    | Danbury     | 0.17     | 0.32      | 0.3    | 0.4  | 10     | 0.30      | 0.4       | 0.4       | 0.3       | 0.36      | 0.4       | 0.3       | 0.17      | 0.28      | 0.25      |
| LB-01       | Limekiln Brook   | Danbury     | 0.27     | 0.34      | 0.35   | 0.4  | 10     | 0.40      | 0.4       | 0.31      | 0.35      | 0.4       | 0.28      | 0.29      | 0.27      | 0.35      | 0.38      |
| LB-02       | Limekiln Brook   | Bethel      | 0.14     | 0.19      | 0.2    | 0.23 | 9      | 0.20      | 0.2       |           | 0.17      | 0.17      | 0.2       | 0.14      | 0.19      | 0.2       | 0.23      |
| MB-01       | Miry Brook       | Danbury     | 0.16     | 0.20      | 0.2    | 0.23 | 10     | 0.20      | 0.2       | 0.2       | 0.2       | 0.16      | 0.2       | 0.2       | 0.19      | 0.18      | 0.23      |
| PB-01       | Padanaram Brook  | Danbury     | 0.23     | 0.37      | 0.4    | 0.43 | 10     | 0.40      | 0.4       | 0.4       | 0.4       | 0.34      | 0.4       | 0.3       | 0.23      | 0.42      | 0.43      |
| SB-01       | Sympaug Brook    | Danbury     | 0.2      | 0.31      | 0.3    | 0.41 | 10     | 0.30      | 0.3       | 0.3       | 0.3       | 0.3       | 0.2       | 0.3       | 0.29      | 0.38      | 0.41      |
| SR-01       | Still River      | New Milford | 0.17     | 0.33      | 0.34   | 0.4  | 10     | 0.40      | 0.4       | 0.27      | 0.33      | 0.3       | 0.35      | 0.17      | 0.37      | 0.31      | 0.37      |
| SR-02       | Still River      | Brookfield  | 0.24     | 0.36      | 0.39   | 0.4  | 10     | 0.40      | 0.4       | 0.34      | 0.35      | 0.4       | 0.25      | 0.24      | 0.4       | 0.4       | 0.38      |
| SR-03       | Still River      | Brookfield  | 0.25     | 0.36      | 0.40   | 0.41 | 10     | 0.40      | 0.4       | 0.35      | 0.35      | 0.4       | 0.25      | 0.28      | 0.41      | 0.39      | 0.41      |
| SR-04       | Still River      | Danbury     | 0.26     | 0.29      | 0.3    | 0.3  | 10     | 0.30      | 0.3       | 0.3       | 0.3       | 0.26      | 0.3       | 0.3       | 0.27      | 0.3       | 0.3       |
| SR-05       | Still River      | Danbury     | 0.27     | 0.29      | 0.3    | 0.3  | 10     | 0.30      | 0.3       | 0.3       | 0.3       | 0.27      | 0.3       | 0.3       | 0.28      | 0.28      | 0.29      |
| *Units: ppt |                  |             |          |           |        |      |        |           |           |           |           |           |           |           |           |           |           |
| Site_ID     | Waterbody        | Town        | Latitude | Longitude | Min    | Mean | Median | Max       | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021  |           |           |           |
| MS2_2a_OT5  | Still River      | Brookfield  | 41.48003 | -73.4077  | 0.08   | 0.66 | 0.71   | 1.20      |           | 1.2       | -         | 0.71      | -         | 0.08      |           |           |           |
| MS2_6_OT5   | Still River      | Brookfield  | 41.45127 | -73.3979  | 0.01   | 0.01 | 0.01   | 0.01      |           | -         | -         | -         | -         | 0.01      |           |           |           |

### e. Temp

| Site ID                 | Waterbody        | Town        | Min      | Mean      | Median | Max   | Count  | 6/11/2020 | 6/24/2020 | 7/6/2020  | 7/16/2020 | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |
|-------------------------|------------------|-------------|----------|-----------|--------|-------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ES-01                   | East Swamp Brook | Danbury     | 14.9     | 19.94     | 19.8   | 22.7  | 10     | 19        | 22.7      | 20.8      | 19.9      | 22.6      | 22.7      | 17.7      | 19.4      | 19.7      | 14.9      |
| KB-01                   | Kohanza Brook    | Danbury     | 14.4     | 19.90     | 20.3   | 22.4  | 9      | 20.5      | 20.1      | 20.3      | 20        | 22.4      | 21.9      |           | 18.7      | 20.8      | 14.4      |
| LB-01                   | Limekiln Brook   | Danbury     | 17.9     | 22.42     | 22.55  | 25.9  | 10     | 21.1      | 24.1      | 23.1      | 22.5      | 25.9      | 24.9      | 21.2      | 20.9      | 22.6      | 17.9      |
| LB-02                   | Limekiln Brook   | Bethel      | 16.1     | 21.12     | 20.9   | 24.7  | 9      | 20.7      | 23.4      |           | 21.2      | 24.7      | 23.6      | 19.5      | 20        | 20.9      | 16.1      |
| MB-01                   | Miry Brook       | Danbury     | 16.3     | 21.43     | 21.7   | 24.3  | 10     | 21.9      | 23        | 22        | 20.6      | 24.3      | 24.2      | 19        | 21.5      | 21.5      | 16.3      |
| PB-01                   | Padanaram Brook  | Danbury     | 14.5     | 19.62     | 19.6   | 23.3  | 10     | 19.1      | 20.5      | 20.3      | 19.4      | 22.4      | 23.3      | 18.7      | 18.2      | 19.8      | 14.5      |
| SB-01                   | Sympaug Brook    | Danbury     | 14.8     | 20.52     | 20.75  | 23.6  | 10     | 20.8      | 22.6      | 21.6      | 20.7      | 23.6      | 23.5      | 18.7      | 18.5      | 20.4      | 14.8      |
| SR-01                   | Still River      | New Milford | 18.4     | 23.02     | 22.65  | 26.1  | 10     | 22.7      | 25.3      | 24.5      | 22.3      | 26.1      | 26.1      | 20.3      | 21.9      | 22.6      | 18.4      |
| SR-02                   | Still River      | Brookfield  | 16.9     | 21.81     | 21.6   | 24.6  | 10     | 21.6      | 23.9      | 22.8      | 21.5      | 24.5      | 24.6      | 20.6      | 20.1      | 21.6      | 16.9      |
| SR-03                   | Still River      | Brookfield  | 17.1     | 21.57     | 21.5   | 24.4  | 10     | 21.1      | 23.4      | 22.4      | 21        | 24.4      | 24        | 20.1      | 20.3      | 21.9      | 17.1      |
| SR-04                   | Still River      | Danbury     | 17.4     | 22.20     | 22.75  | 24.8  | 10     | 23.6      | 24.4      | 23.3      | 22.2      | 24.8      | 24.4      | 19.7      | 20.7      | 21.5      | 17.4      |
| SR-05                   | Still River      | Danbury     | 19.2     | 24.63     | 24.14  | 28.3  | 10     | 23.5      | 27.3      | 27.2      | 25.4      | 24.38     | 28.3      | 23.9      | 23.4      | 23.7      | 19.2      |
| *Units: degrees Celsius |                  |             |          |           |        |       |        |           |           |           |           |           |           |           |           |           |           |
| Site_ID                 | Waterbody        | Town        | Latitude | Longitude | Min    | Mean  | Median | Max       | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021  |           |           |           |
| MS2_2a_OT5              | Still River      | Brookfield  | 41.48003 | -73.4077  | 17.00  | 19.37 | 19.40  | 21.70     |           | 17        | -         | 19.4      | -         | 21.7      |           |           |           |
| MS2_6_OT5               | Still River      | Brookfield  | 41.45127 | -73.3979  | 21.80  | 21.80 | 21.80  | 21.80     |           | -         | -         | -         | -         | 21.8      |           |           |           |

### f. pH

| Site ID          | Waterbody        | Town        | Min      | Mean      | Median | Max  | Count  | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |          |
|------------------|------------------|-------------|----------|-----------|--------|------|--------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| ES-01            | East Swamp Brook | Danbury     | 6.82     | 7.02      | 7      | 7.21 | 5      | 7.21      |           | 6.82      | 7         | 6.88      | 7.17      |          |
| KB-01            | Kohanza Brook    | Danbury     | 7.14     | 7.47      | 7.515  | 7.72 | 4      | 7.65      |           |           | 7.38      | 7.14      | 7.72      |          |
| LB-01            | Limekiln Brook   | Danbury     | 7.34     | 7.41      | 7.4    | 7.48 | 5      |           | 7.4       | 7.48      | 7.36      | 7.34      | 7.46      |          |
| LB-02            | Limekiln Brook   | Bethel      | 7.23     | 7.40      | 7.33   | 7.7  | 5      | 7.52      |           | 7.23      | 7.33      | 7.23      | 7.7       |          |
| MB-01            | Miry Brook       | Danbury     | 7.11     | 7.61      | 7.48   | 8.36 | 4      | 7.25      |           |           | 8.36      | 7.11      | 7.71      |          |
| PB-01            | Padanaram Brook  | Danbury     | 7.26     | 7.55      | 7.58   | 7.78 | 4      | 7.73      |           |           | 7.26      | 7.43      | 7.78      |          |
| SB-01            | Sympaug Brook    | Danbury     | 7.49     | 7.63      | 7.625  | 7.79 | 4      | 7.66      |           |           | 7.59      | 7.49      | 7.79      |          |
| SR-01            | Still River      | New Milford | 7.7      | 7.93      | 8.02   | 8.07 | 5      |           | 8.02      | 7.7       | 8.07      | 7.84      | 8.03      |          |
| SR-02            | Still River      | Brookfield  | 7.34     | 7.55      | 7.6    | 7.74 | 5      |           | 7.34      | 7.6       | 7.65      | 7.42      | 7.74      |          |
| SR-03            | Still River      | Brookfield  | 7.13     | 7.48      | 7.55   | 7.6  | 5      |           | 7.13      | 7.59      | 7.55      | 7.51      | 7.6       |          |
| SR-04            | Still River      | Danbury     | 6.92     | 7.07      | 7.105  | 7.15 | 4      | 6.92      |           |           | 7.11      | 7.1       | 7.15      |          |
| SR-05            | Still River      | Danbury     | 7.03     | 7.17      | 7.2    | 7.23 | 4      | 7.03      |           |           | 7.21      | 7.23      | 7.19      |          |
| *Units: pH units |                  |             |          |           |        |      |        |           |           |           |           |           |           |          |
| Site_ID          | Waterbody        | Town        | Latitude | Longitude | Min    | Mean | Median | Max       | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021 |
| MS2_2a_OT5       | Still River      | Brookfield  | 41.48003 | -73.4077  | 7.77   | 8.01 | 8.09   | 8.18      |           | 8.09      | -         | 8.18      | -         | 7.77     |
| MS2_6_OT5        | Still River      | Brookfield  | 41.45127 | -73.3979  | 7.25   | 7.25 | 7.25   | 7.25      |           | -         | -         | -         | -         | 7.25     |

**g. DO**

| Site ID                     | Waterbody        | Town        | Min      | Mean      | Median | Max   | Count  | 7/6/2020 | 7/16/2020 | 7/28/2020 | 8/13/2020 | 8/19/2020 | 8/27/2020 | 9/10/2020 | 9/15/2020 |
|-----------------------------|------------------|-------------|----------|-----------|--------|-------|--------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ES-01                       | East Swamp Brook | Danbury     | 21.7     | 35.14     | 33     | 45.4  | 8      | 45.4     | 32.4      | 33.6      | 42.5      | 42.5      | 31.9      | 21.7      | 31.1      |
| KB-01                       | Kohanza Brook    | Danbury     | 70.7     | 81.35     | 82.9   | 88.9  | 4      |          |           | 81        |           |           | 88.9      | 70.7      | 84.8      |
| LB-01                       | Limekiln Brook   | Danbury     | 62.4     | 76.79     | 75.1   | 87.5  | 7      | 84.4     | 87.5      |           | 75.1      | 75.1      | 80.2      | 62.4      | 72.8      |
| LB-02                       | Limekiln Brook   | Bethel      | 55.8     | 69.06     | 70.4   | 81.4  | 7      |          | 69.9      | 81.4      | 73.7      | 73.7      | 58.5      | 55.8      | 70.4      |
| MB-01                       | Miry Brook       | Danbury     | 48       | 74.88     | 76.6   | 98.3  | 4      |          |           | 63.3      |           |           | 89.9      | 48        | 98.3      |
| PB-01                       | Padanaram Brook  | Danbury     | 67.3     | 80.30     | 83.1   | 87.7  | 4      |          |           | 87.1      |           |           | 79.1      | 67.3      | 87.7      |
| SB-01                       | Sympaug Brook    | Danbury     | 65.6     | 75.25     | 77.6   | 80.2  | 4      |          |           | 80.2      |           |           | 80        | 65.6      | 75.2      |
| SR-01                       | Still River      | New Milford | 55.2     | 59.87     | 56.5   | 76.8  | 6      |          | 76.8      |           | 55.6      | 55.6      | 55.2      | 58.6      | 57.4      |
| SR-02                       | Still River      | Brookfield  | 66.8     | 69.60     | 69.3   | 73.4  | 7      | 69.3     | 68.9      |           | 66.8      | 66.8      | 73.4      | 69.6      | 72.4      |
| SR-03                       | Still River      | Brookfield  | 67.4     | 70.54     | 68.9   | 80.1  | 7      | 68.9     | 80.1      |           | 68.2      | 68.2      | 69.2      | 67.4      | 71.8      |
| SR-04                       | Still River      | Danbury     | 21.46    | 30.84     | 32.75  | 36.4  | 4      |          |           | 21.46     |           |           | 36.4      | 34        | 31.5      |
| SR-05                       | Still River      | Danbury     | 6.91     | 21.20     | 25     | 27.9  | 4      |          |           | 6.91      |           |           | 26.9      | 23.1      | 27.9      |
| * Units: % dissolved oxygen |                  |             |          |           |        |       |        |          |           |           |           |           |           |           |           |
| Site_ID                     | Waterbody        | Town        | Latitude | Longitude | Min    | Mean  | Median | Max      | Count     | 6/22/2021 | 6/29/2021 | 7/12/2021 | 7/29/2021 | 9/1/2021  |           |
| MS2_2a_OT5                  | Still River      | Brookfield  | 41.48003 | -73.4077  | 68.80  | 73.10 | 70.30  | 80.20    |           | 68.8      | -         | 70.3      | -         | 80.2      |           |
| MS2_6_OT5                   | Still River      | Brookfield  | 41.45127 | -73.3979  | 65.30  | 65.30 | 65.30  | 65.30    |           | -         | -         | -         | -         | 65.3      |           |