

# Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

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Report Date 25-Mar-21

Project Name SPIC&SPAN  
Project # 2019-0153.02  
Lab Code 5039154A  
Sample ID SB-18 SS3  
Sample Matrix Soil  
Sample Date 3/9/2021

Invoice # E39154

|                             | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|-----------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                     |         |       |       |       |     |        |          |           |         |      |
| General                     |         |       |       |       |     |        |          |           |         |      |
| Solids Percent              | 87.2    | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                     |         |       |       |       |     |        |          |           |         |      |
| VOC's                       |         |       |       |       |     |        |          |           |         |      |
| Benzene                     | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane        | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                   | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene           | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene            | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene              | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride        | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene               | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                  | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane               | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene             | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane        | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene         | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene         | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene         | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane     | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane          | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane          | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene          | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene      | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene    | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

Project Name SPIC&SPAN  
 Project # 2019-0153.02

Invoice # E39154

Lab Code 5039154A  
 Sample ID SB-18 SS3  
 Sample Matrix Soil  
 Sample Date 3/9/2021

|                                | Result    | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|-----------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| 1,2-Dichloropropane            | < 0.069   | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025   | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036   | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021   | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019   | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1     | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025   | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026   | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15    | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041   | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12    | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019   | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083   | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | 0.106 "J" | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032   | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087   | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18    | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053   | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2-Trichloroethane          | < 0.06    | mg/kg | 0.06  | 0.19  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichloroethene (TCE)          | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichlorofluoromethane         | < 0.1     | mg/kg | 0.1   | 0.33  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trimethylbenzene         | < 0.054   | mg/kg | 0.054 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3,5-Trimethylbenzene         | < 0.017   | mg/kg | 0.017 | 0.053 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Vinyl Chloride                 | < 0.066   | mg/kg | 0.066 | 0.21  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| m&p-Xylene                     | < 0.083   | mg/kg | 0.083 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| o-Xylene                       | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 4-Bromofluorobenzene     | 88        | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Dibromofluoromethane     | 118       | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 1,2-Dichloroethane-d4    | 108       | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Toluene-d8               | 110       | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154B  
**Sample ID** SB-18 SS8  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |         |       |       |       |     |        |          |           |         |      |
| General                        |         |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 89.4    | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |         |       |       |       |     |        |          |           |         |      |
| VOC's                          |         |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069 | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025 | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036 | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021 | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019 | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1   | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026 | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15  | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041 | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12  | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019 | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083 | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032 | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087 | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18  | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154B  
**Sample ID** SB-18 SS8  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | <b>Result</b> | <b>Unit</b> | <b>LOD</b> | <b>LOQ</b> | <b>Dil</b> | <b>Method</b> | <b>Ext Date</b> | <b>Run Date</b> | <b>Analyst</b> | <b>Code</b> |
|-----------------------------|---------------|-------------|------------|------------|------------|---------------|-----------------|-----------------|----------------|-------------|
| 1,1,2-Trichloroethane       | < 0.06        | mg/kg       | 0.06       | 0.19       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichloroethene (TCE)       | < 0.048       | mg/kg       | 0.048      | 0.15       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichlorofluoromethane      | < 0.1         | mg/kg       | 0.1        | 0.33       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,2,4-Trimethylbenzene      | < 0.054       | mg/kg       | 0.054      | 0.17       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,3,5-Trimethylbenzene      | < 0.017       | mg/kg       | 0.017      | 0.053      | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Vinyl Chloride              | < 0.066       | mg/kg       | 0.066      | 0.21       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| m&p-Xylene                  | < 0.083       | mg/kg       | 0.083      | 0.27       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| o-Xylene                    | < 0.028       | mg/kg       | 0.028      | 0.09       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 4-Bromofluorobenzene  | 92            | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Dibromofluoromethane  | 116           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Toluene-d8            | 114           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 1,2-Dichloroethane-d4 | 107           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154C  
**Sample ID** SB-16 SS7  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |         |       |       |       |     |        |          |           |         |      |
| General                        |         |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 91.3    | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |         |       |       |       |     |        |          |           |         |      |
| VOC's                          |         |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069 | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025 | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036 | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021 | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019 | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1   | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026 | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15  | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041 | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12  | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019 | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083 | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032 | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087 | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18  | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154C  
**Sample ID** SB-16 SS7  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | <b>Result</b> | <b>Unit</b> | <b>LOD</b> | <b>LOQ</b> | <b>Dil</b> | <b>Method</b> | <b>Ext Date</b> | <b>Run Date</b> | <b>Analyst</b> | <b>Code</b> |
|-----------------------------|---------------|-------------|------------|------------|------------|---------------|-----------------|-----------------|----------------|-------------|
| 1,1,2-Trichloroethane       | < 0.06        | mg/kg       | 0.06       | 0.19       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichloroethene (TCE)       | < 0.048       | mg/kg       | 0.048      | 0.15       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichlorofluoromethane      | < 0.1         | mg/kg       | 0.1        | 0.33       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,2,4-Trimethylbenzene      | < 0.054       | mg/kg       | 0.054      | 0.17       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,3,5-Trimethylbenzene      | < 0.017       | mg/kg       | 0.017      | 0.053      | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Vinyl Chloride              | < 0.066       | mg/kg       | 0.066      | 0.21       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| m&p-Xylene                  | < 0.083       | mg/kg       | 0.083      | 0.27       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| o-Xylene                    | < 0.028       | mg/kg       | 0.028      | 0.09       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 1,2-Dichloroethane-d4 | 102           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Toluene-d8            | 113           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 4-Bromofluorobenzene  | 94            | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Dibromofluoromethane  | 114           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154D  
**Sample ID** SB-16 SS9  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |         |       |       |       |     |        |          |           |         |      |
| General                        |         |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 91.8    | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |         |       |       |       |     |        |          |           |         |      |
| VOC's                          |         |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069 | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025 | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036 | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021 | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019 | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1   | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026 | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15  | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041 | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12  | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019 | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083 | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032 | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087 | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18  | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154D  
**Sample ID** SB-16 SS9  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|-----------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| 1,1,2-Trichloroethane       | < 0.06  | mg/kg | 0.06  | 0.19  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichloroethene (TCE)       | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichlorofluoromethane      | < 0.1   | mg/kg | 0.1   | 0.33  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trimethylbenzene      | < 0.054 | mg/kg | 0.054 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3,5-Trimethylbenzene      | < 0.017 | mg/kg | 0.017 | 0.053 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Vinyl Chloride              | < 0.066 | mg/kg | 0.066 | 0.21  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| m&p-Xylene                  | < 0.083 | mg/kg | 0.083 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| o-Xylene                    | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Toluene-d8            | 110     | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Dibromofluoromethane  | 116     | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 4-Bromofluorobenzene  | 94      | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 1,2-Dichloroethane-d4 | 99      | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Lab Code** 5039154E  
**Sample ID** SB-16 SS10  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|----------------|--------|------|-----|-----|-----|--------|----------|-----------|---------|------|
| General        |        |      |     |     |     |        |          |           |         |      |
| General        |        |      |     |     |     |        |          |           |         |      |
| Solids Percent | 86.9   | %    |     |     | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |



**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154F  
**Sample ID** SB-17 SS5  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |         |       |       |       |     |        |          |           |         |      |
| General                        |         |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 88.3    | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |         |       |       |       |     |        |          |           |         |      |
| VOC's                          |         |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069 | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025 | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036 | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021 | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019 | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1   | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026 | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15  | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041 | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12  | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019 | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083 | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | 4.8     | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032 | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087 | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18  | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154F  
**Sample ID** SB-17 SS5  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | <b>Result</b> | <b>Unit</b> | <b>LOD</b> | <b>LOQ</b> | <b>Dil</b> | <b>Method</b> | <b>Ext Date</b> | <b>Run Date</b> | <b>Analyst</b> | <b>Code</b> |
|-----------------------------|---------------|-------------|------------|------------|------------|---------------|-----------------|-----------------|----------------|-------------|
| 1,1,2-Trichloroethane       | < 0.06        | mg/kg       | 0.06       | 0.19       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichloroethene (TCE)       | 0.062 "J"     | mg/kg       | 0.048      | 0.15       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichlorofluoromethane      | < 0.1         | mg/kg       | 0.1        | 0.33       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,2,4-Trimethylbenzene      | < 0.054       | mg/kg       | 0.054      | 0.17       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,3,5-Trimethylbenzene      | < 0.017       | mg/kg       | 0.017      | 0.053      | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Vinyl Chloride              | < 0.066       | mg/kg       | 0.066      | 0.21       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| m&p-Xylene                  | < 0.083       | mg/kg       | 0.083      | 0.27       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| o-Xylene                    | < 0.028       | mg/kg       | 0.028      | 0.09       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 1,2-Dichloroethane-d4 | 107           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 4-Bromofluorobenzene  | 94            | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Dibromofluoromethane  | 112           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Toluene-d8            | 114           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154G  
**Sample ID** SB-17 SS8  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |         |       |       |       |     |        |          |           |         |      |
| General                        |         |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 90.0    | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |         |       |       |       |     |        |          |           |         |      |
| VOC's                          |         |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069 | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025 | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036 | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021 | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019 | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1   | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026 | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15  | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041 | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12  | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019 | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083 | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032 | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087 | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18  | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154G  
**Sample ID** SB-17 SS8  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|-----------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| 1,1,2-Trichloroethane       | < 0.06  | mg/kg | 0.06  | 0.19  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichloroethene (TCE)       | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichlorofluoromethane      | < 0.1   | mg/kg | 0.1   | 0.33  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trimethylbenzene      | < 0.054 | mg/kg | 0.054 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3,5-Trimethylbenzene      | < 0.017 | mg/kg | 0.017 | 0.053 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Vinyl Chloride              | < 0.066 | mg/kg | 0.066 | 0.21  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| m&p-Xylene                  | < 0.083 | mg/kg | 0.083 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| o-Xylene                    | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 1,2-Dichloroethane-d4 | 100     | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 4-Bromofluorobenzene  | 90      | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Dibromofluoromethane  | 112     | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Toluene-d8            | 114     | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Lab Code** 5039154H  
**Sample ID** SB-17 SS10  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|----------------|--------|------|-----|-----|-----|--------|----------|-----------|---------|------|
| General        |        |      |     |     |     |        |          |           |         |      |
| General        |        |      |     |     |     |        |          |           |         |      |
| Solids Percent | 89.7   | %    |     |     | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |

Project Name SPIC&SPAN  
 Project # 2019-0153.02

Invoice # E39154

Lab Code 5039154I  
 Sample ID SB-19 SS5  
 Sample Matrix Soil  
 Sample Date 3/9/2021

|                                | Result    | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|-----------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |           |       |       |       |     |        |          |           |         |      |
| General                        |           |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 84.3      | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |           |       |       |       |     |        |          |           |         |      |
| VOC's                          |           |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015   | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045   | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076   | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | 0.163     | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | 2.09      | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | 1.49      | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055   | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022   | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11    | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053   | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088   | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017   | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064   | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056   | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039   | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028   | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | 0.073 "J" | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037   | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025   | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073   | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021   | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038   | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069   | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025   | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036   | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021   | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019   | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1     | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | 0.117     | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026   | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15    | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041   | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12    | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | 0.264     | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083   | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032   | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087   | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18    | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053   | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154I  
**Sample ID** SB-19 SS5  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | <b>Result</b> | <b>Unit</b> | <b>LOD</b> | <b>LOQ</b> | <b>Dil</b> | <b>Method</b> | <b>Ext Date</b> | <b>Run Date</b> | <b>Analyst</b> | <b>Code</b> |
|-----------------------------|---------------|-------------|------------|------------|------------|---------------|-----------------|-----------------|----------------|-------------|
| 1,1,2-Trichloroethane       | < 0.06        | mg/kg       | 0.06       | 0.19       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichloroethene (TCE)       | < 0.048       | mg/kg       | 0.048      | 0.15       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Trichlorofluoromethane      | < 0.1         | mg/kg       | 0.1        | 0.33       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,2,4-Trimethylbenzene      | < 0.054       | mg/kg       | 0.054      | 0.17       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| 1,3,5-Trimethylbenzene      | < 0.017       | mg/kg       | 0.017      | 0.053      | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Vinyl Chloride              | < 0.066       | mg/kg       | 0.066      | 0.21       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| m&p-Xylene                  | < 0.083       | mg/kg       | 0.083      | 0.27       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| o-Xylene                    | < 0.028       | mg/kg       | 0.028      | 0.09       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Toluene-d8            | 109           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 1,2-Dichloroethane-d4 | 109           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 4-Bromofluorobenzene  | 111           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Dibromofluoromethane  | 118           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |

Project Name SPIC&SPAN  
 Project # 2019-0153.02

Invoice # E39154

Lab Code 5039154J  
 Sample ID SB-19 SS8  
 Sample Matrix Soil  
 Sample Date 3/9/2021

|                                | Result    | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|-----------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| General                        |           |       |       |       |     |        |          |           |         |      |
| General                        |           |       |       |       |     |        |          |           |         |      |
| Solids Percent                 | 86.4      | %     |       |       | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |
| Organic                        |           |       |       |       |     |        |          |           |         |      |
| VOC's                          |           |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015   | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045   | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076   | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037   | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024   | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018   | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055   | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022   | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11    | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053   | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088   | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017   | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064   | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056   | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039   | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028   | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024   | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037   | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025   | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073   | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | 0.61      | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | 0.059 "J" | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069   | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025   | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036   | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021   | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019   | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1     | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025   | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026   | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15    | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041   | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12    | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019   | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083   | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04    | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032   | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087   | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18    | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053   | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154J  
**Sample ID** SB-19 SS8  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | Result    | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|-----------------------------|-----------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| 1,1,2-Trichloroethane       | < 0.06    | mg/kg | 0.06  | 0.19  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichloroethene (TCE)       | < 0.048   | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichlorofluoromethane      | < 0.1     | mg/kg | 0.1   | 0.33  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trimethylbenzene      | < 0.054   | mg/kg | 0.054 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3,5-Trimethylbenzene      | < 0.017   | mg/kg | 0.017 | 0.053 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Vinyl Chloride              | 0.126 "J" | mg/kg | 0.066 | 0.21  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| m&p-Xylene                  | < 0.083   | mg/kg | 0.083 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| o-Xylene                    | < 0.028   | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Toluene-d8            | 111       | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 1,2-Dichloroethane-d4 | 110       | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - 4-Bromofluorobenzene  | 88        | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| SUR - Dibromofluoromethane  | 114       | Rec % |       |       | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Lab Code** 5039154K  
**Sample ID** SB-19 SS10  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|----------------|--------|------|-----|-----|-----|--------|----------|-----------|---------|------|
| General        |        |      |     |     |     |        |          |           |         |      |
| General        |        |      |     |     |     |        |          |           |         |      |
| Solids Percent | 90.8   | %    |     |     | 1   | 5021   |          | 3/12/2021 | NJC     | 1    |



Project Name SPIC&SPAN  
 Project # 2019-0153.02

Invoice # E39154

Lab Code 5039154L  
 Sample ID MEOH TB  
 Sample Matrix Soil  
 Sample Date 3/9/2021

|                                | Result  | Unit  | LOD   | LOQ   | Dil | Method | Ext Date | Run Date  | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|--------|----------|-----------|---------|------|
| Organic                        |         |       |       |       |     |        |          |           |         |      |
| VOC's                          |         |       |       |       |     |        |          |           |         |      |
| Benzene                        | < 0.015 | mg/kg | 0.015 | 0.047 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromobenzene                   | < 0.045 | mg/kg | 0.045 | 0.14  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromodichloromethane           | < 0.076 | mg/kg | 0.076 | 0.24  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Bromoform                      | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| tert-Butylbenzene              | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| sec-Butylbenzene               | < 0.024 | mg/kg | 0.024 | 0.077 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Butylbenzene                 | < 0.018 | mg/kg | 0.018 | 0.056 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Carbon Tetrachloride           | < 0.055 | mg/kg | 0.055 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chlorobenzene                  | < 0.022 | mg/kg | 0.022 | 0.07  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroethane                   | < 0.11  | mg/kg | 0.11  | 0.35  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloroform                     | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Chloromethane                  | < 0.088 | mg/kg | 0.088 | 0.28  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 2-Chlorotoluene                | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 4-Chlorotoluene                | < 0.017 | mg/kg | 0.017 | 0.054 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dibromo-3-chloropropane    | < 0.064 | mg/kg | 0.064 | 0.2   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dibromochloromethane           | < 0.056 | mg/kg | 0.056 | 0.18  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,4-Dichlorobenzene            | < 0.039 | mg/kg | 0.039 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichlorobenzene            | < 0.028 | mg/kg | 0.028 | 0.088 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichlorobenzene            | < 0.024 | mg/kg | 0.024 | 0.076 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Dichlorodifluoromethane        | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloroethane             | < 0.037 | mg/kg | 0.037 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethane             | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1-Dichloroethene             | < 0.073 | mg/kg | 0.073 | 0.23  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,2-Dichloroethene         | < 0.021 | mg/kg | 0.021 | 0.069 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,2-Dichloroethene       | < 0.038 | mg/kg | 0.038 | 0.12  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2-Dichloropropane            | < 0.069 | mg/kg | 0.069 | 0.22  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,3-Dichloropropane            | < 0.025 | mg/kg | 0.025 | 0.079 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| trans-1,3-Dichloropropene      | < 0.036 | mg/kg | 0.036 | 0.11  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| cis-1,3-Dichloropropene        | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Di-isopropyl ether             | < 0.028 | mg/kg | 0.028 | 0.09  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| EDB (1,2-Dibromoethane)        | < 0.021 | mg/kg | 0.021 | 0.068 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Ethylbenzene                   | < 0.019 | mg/kg | 0.019 | 0.061 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Hexachlorobutadiene            | < 0.1   | mg/kg | 0.1   | 0.32  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Isopropylbenzene               | < 0.025 | mg/kg | 0.025 | 0.078 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| p-Isopropyltoluene             | < 0.026 | mg/kg | 0.026 | 0.083 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methylene chloride             | < 0.15  | mg/kg | 0.15  | 0.46  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Methyl tert-butyl ether (MTBE) | < 0.041 | mg/kg | 0.041 | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Naphthalene                    | < 0.12  | mg/kg | 0.12  | 0.38  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| n-Propylbenzene                | < 0.019 | mg/kg | 0.019 | 0.062 | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2,2-Tetrachloroethane      | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1,2-Tetrachloroethane      | < 0.083 | mg/kg | 0.083 | 0.26  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Tetrachloroethene              | < 0.04  | mg/kg | 0.04  | 0.13  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Toluene                        | < 0.032 | mg/kg | 0.032 | 0.1   | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trichlorobenzene         | < 0.087 | mg/kg | 0.087 | 0.27  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,3-Trichlorobenzene         | < 0.18  | mg/kg | 0.18  | 0.56  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,1-Trichloroethane          | < 0.053 | mg/kg | 0.053 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,1,2-Trichloroethane          | < 0.06  | mg/kg | 0.06  | 0.19  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichloroethene (TCE)          | < 0.048 | mg/kg | 0.048 | 0.15  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| Trichlorofluoromethane         | < 0.1   | mg/kg | 0.1   | 0.33  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |
| 1,2,4-Trimethylbenzene         | < 0.054 | mg/kg | 0.054 | 0.17  | 1   | 8260B  |          | 3/22/2021 | CJR     | 1    |

**Project Name** SPIC&SPAN  
**Project #** 2019-0153.02

**Invoice #** E39154

**Lab Code** 5039154L  
**Sample ID** MEOH TB  
**Sample Matrix** Soil  
**Sample Date** 3/9/2021

|                             | <b>Result</b> | <b>Unit</b> | <b>LOD</b> | <b>LOQ</b> | <b>Dil</b> | <b>Method</b> | <b>Ext Date</b> | <b>Run Date</b> | <b>Analyst</b> | <b>Code</b> |
|-----------------------------|---------------|-------------|------------|------------|------------|---------------|-----------------|-----------------|----------------|-------------|
| 1,3,5-Trimethylbenzene      | < 0.017       | mg/kg       | 0.017      | 0.053      | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| Vinyl Chloride              | < 0.066       | mg/kg       | 0.066      | 0.21       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| m&p-Xylene                  | < 0.083       | mg/kg       | 0.083      | 0.27       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| o-Xylene                    | < 0.028       | mg/kg       | 0.028      | 0.09       | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Toluene-d8            | 113           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 1,2-Dichloroethane-d4 | 106           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - 4-Bromofluorobenzene  | 86            | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |
| SUR - Dibromofluoromethane  | 115           | Rec %       |            |            | 1          | 8260B         | 3/22/2021       | 3/22/2021       | CJR            | 1           |

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

1      Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**



## ANALYTICAL REPORT

Eurofins TestAmerica, Knoxville  
5815 Middlebrook Pike  
Knoxville, TN 37921  
Tel: (865)291-3000

Laboratory Job ID: 140-22607-1  
Client Project/Site: Spic & Span - N. Richards St.  
Revision: 1

For:  
GRAEF  
275 West Wisconsin Avenue, Suite 300  
Milwaukee, Wisconsin 53203

Attn: Mr. Brian Schneider



Authorized for release by:  
4/26/2021 11:24:31 AM

Ryan Henry, Project Manager I  
(865)291-3000  
[williamr.henry@eurofinset.com](mailto:williamr.henry@eurofinset.com)

### LINKS

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results through  
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*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.*



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# Definitions/Glossary

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Qualifiers

### Air - GC/MS VOA

| Qualifier | Qualifier Description  |
|-----------|--|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.   |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| CFU            | Colony Forming Unit   |
| 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)   |
| MCL            | EPA recommended "Maximum Contaminant Level"   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| MPN            | Most Probable Number  |
| MQL            | Method Quantitation Limit   |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| NEG            | Negative / Absent   |
| POS            | Positive / Present  |
| PQL            | Practical Quantitation Limit  |
| PRES           | Presumptive   |
| 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)   |
| TNTC           | Too Numerous To Count   |

# Case Narrative

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

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## Job ID: 140-22607-1

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Laboratory: Eurofins TestAmerica, Knoxville

### Narrative

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**Job Narrative**  
**140-22607-1**  
**Revised**

This report has been revised to reduce the number of reported analytes.

### Receipt

The samples were received on 4/5/2021 at 8:20am and arrived in good condition.

### Air - GC/MS VOA

Methods D1946, TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Methods TO 15 LL, TO-15: The continuing calibration verification (CCV) associated with batch 140-48707 recovered above the upper control limit for 1,2-Dichlorobenzene, Carbon tetrachloride, 1,2-Dichlorotetrafluoroethane, Dibromochloromethane, Dichlorodifluoromethane, Chloromethane, 1,2-Dichloroethane, Benzyl chloride, Bromoform, Hexachlorobutadiene and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Methods TO 15 LL, TO-15: The laboratory control sample (LCS) for analytical batch 140-48707 recovered outside control limits for the following analytes: 1,2-Dichlorobenzene, Carbon tetrachloride, Dibromochloromethane, Benzyl chloride, Bromoform, Trichlorofluoromethane and Hexachlorobutadiene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

# Sample Summary

Client: GRAEF

Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID                      |
|---------------|------------------|--------|----------------|----------------|-------------------------------|
| 140-22607-1   | SSV-7            | Air    | 04/02/21 10:17 | 04/05/21 08:20 | Air Canister (6-Liter) #10045 |
| 140-22607-2   | STORM-V          | Air    | 04/02/21 10:57 | 04/05/21 08:20 | Air Canister (6-Liter) #10712 |
| 140-22607-3   | SANITARY-V       | Air    | 04/02/21 11:27 | 04/05/21 08:20 | Air Canister (6-Liter) #11206 |

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# Client Sample Results

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

**Client Sample ID: SSV-7**

**Lab Sample ID: 140-22607-1**

Date Collected: 04/02/21 10:17

Matrix: Air

Date Received: 04/05/21 08:20

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

| Analyte                  | Result       | Qualifier | RL  | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------------|-----------|-----|-----|---------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene   | ND           |           | 8.5 |     | ppb v/v |   |          | 04/12/21 23:29 | 8.49    |
| <b>Tetrachloroethene</b> | <b>1600</b>  |           | 8.5 |     | ppb v/v |   |          | 04/12/21 23:29 | 8.49    |
| trans-1,2-Dichloroethene | ND           |           | 8.5 |     | ppb v/v |   |          | 04/12/21 23:29 | 8.49    |
| <b>Trichloroethene</b>   | <b>51</b>    |           | 8.5 |     | ppb v/v |   |          | 04/12/21 23:29 | 8.49    |
| Vinyl chloride           | ND           |           | 8.5 |     | ppb v/v |   |          | 04/12/21 23:29 | 8.49    |
| Analyte                  | Result       | Qualifier | RL  | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
| cis-1,2-Dichloroethene   | ND           |           | 34  |     | ug/m3   |   |          | 04/12/21 23:29 | 8.49    |
| <b>Tetrachloroethene</b> | <b>11000</b> |           | 58  |     | ug/m3   |   |          | 04/12/21 23:29 | 8.49    |
| trans-1,2-Dichloroethene | ND           |           | 34  |     | ug/m3   |   |          | 04/12/21 23:29 | 8.49    |
| <b>Trichloroethene</b>   | <b>270</b>   |           | 46  |     | ug/m3   |   |          | 04/12/21 23:29 | 8.49    |
| Vinyl chloride           | ND           |           | 22  |     | ug/m3   |   |          | 04/12/21 23:29 | 8.49    |



# Client Sample Results

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

**Client Sample ID: STORM-V**

**Lab Sample ID: 140-22607-2**

Date Collected: 04/02/21 10:57

Matrix: Air

Date Received: 04/05/21 08:20

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

| Analyte                         | Result      | Qualifier | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|-----|---------|---|----------|----------------|---------|
| <b>cis-1,2-Dichloroethene</b>   | <b>0.22</b> |           | 0.20 |     | ppb v/v |   |          | 04/10/21 13:48 | 1       |
| Tetrachloroethene               | ND          |           | 0.20 |     | ppb v/v |   |          | 04/10/21 13:48 | 1       |
| <b>trans-1,2-Dichloroethene</b> | <b>0.20</b> |           | 0.20 |     | ppb v/v |   |          | 04/10/21 13:48 | 1       |
| Trichloroethene                 | ND          |           | 0.20 |     | ppb v/v |   |          | 04/10/21 13:48 | 1       |
| Vinyl chloride                  | ND          |           | 0.20 |     | ppb v/v |   |          | 04/10/21 13:48 | 1       |
| Analyte                         | Result      | Qualifier | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>cis-1,2-Dichloroethene</b>   | <b>0.87</b> |           | 0.79 |     | ug/m3   |   |          | 04/10/21 13:48 | 1       |
| Tetrachloroethene               | ND          |           | 1.4  |     | ug/m3   |   |          | 04/10/21 13:48 | 1       |
| <b>trans-1,2-Dichloroethene</b> | <b>0.78</b> |           | 0.79 |     | ug/m3   |   |          | 04/10/21 13:48 | 1       |
| Trichloroethene                 | ND          |           | 1.1  |     | ug/m3   |   |          | 04/10/21 13:48 | 1       |
| Vinyl chloride                  | ND          |           | 0.51 |     | ug/m3   |   |          | 04/10/21 13:48 | 1       |

# Client Sample Results

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

**Client Sample ID: SANITARY-V**

**Lab Sample ID: 140-22607-3**

Date Collected: 04/02/21 11:27

Matrix: Air

Date Received: 04/05/21 08:20

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

| Analyte                  | Result | Qualifier | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|------|-----|---------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene   | 2.7    |           | 0.20 |     | ppb v/v |   |          | 04/10/21 14:32 | 1       |
| Tetrachloroethene        | 1.7    |           | 0.20 |     | ppb v/v |   |          | 04/10/21 14:32 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.20 |     | ppb v/v |   |          | 04/10/21 14:32 | 1       |
| Trichloroethene          | 1.4    |           | 0.20 |     | ppb v/v |   |          | 04/10/21 14:32 | 1       |
| Vinyl chloride           | 0.66   |           | 0.20 |     | ppb v/v |   |          | 04/10/21 14:32 | 1       |
| Analyte                  | Result | Qualifier | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
| cis-1,2-Dichloroethene   | 11     |           | 0.79 |     | ug/m3   |   |          | 04/10/21 14:32 | 1       |
| Tetrachloroethene        | 12     |           | 1.4  |     | ug/m3   |   |          | 04/10/21 14:32 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.79 |     | ug/m3   |   |          | 04/10/21 14:32 | 1       |
| Trichloroethene          | 7.4    |           | 1.1  |     | ug/m3   |   |          | 04/10/21 14:32 | 1       |
| Vinyl chloride           | 1.7    |           | 0.51 |     | ug/m3   |   |          | 04/10/21 14:32 | 1       |

# Default Detection Limits

Client: GRAEF

Job ID: 140-22607-1

Project/Site: Spic & Span - N. Richards St.

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte                  | RL   | MDL   | Units   |
|--------------------------|------|-------|---------|
| cis-1,2-Dichloroethene   | 0.20 | 0.025 | ppb v/v |
| cis-1,2-Dichloroethene   | 0.79 | 0.099 | ug/m3   |
| Tetrachloroethene        | 0.20 | 0.017 | ppb v/v |
| Tetrachloroethene        | 1.4  | 0.12  | ug/m3   |
| trans-1,2-Dichloroethene | 0.20 | 0.016 | ppb v/v |
| trans-1,2-Dichloroethene | 0.79 | 0.063 | ug/m3   |
| Trichloroethene          | 0.20 | 0.032 | ppb v/v |
| Trichloroethene          | 1.1  | 0.17  | ug/m3   |
| Vinyl chloride           | 0.20 | 0.066 | ppb v/v |
| Vinyl chloride           | 0.51 | 0.17  | ug/m3   |

# QC Sample Results

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Lab Sample ID: MB 140-48707/5**  
**Matrix: Air**  
**Analysis Batch: 48707**

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

| Analyte                  | MB     | MB        | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|------|-----|---------|---|----------|----------------|---------|
|                          | Result | Qualifier |      |     |         |   |          |                |         |
| cis-1,2-Dichloroethene   | ND     |           | 0.20 |     | ppb v/v |   |          | 04/12/21 12:07 | 1       |
| Tetrachloroethene        | ND     |           | 0.20 |     | ppb v/v |   |          | 04/12/21 12:07 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.20 |     | ppb v/v |   |          | 04/12/21 12:07 | 1       |
| Trichloroethene          | ND     |           | 0.20 |     | ppb v/v |   |          | 04/12/21 12:07 | 1       |
| Vinyl chloride           | ND     |           | 0.20 |     | ppb v/v |   |          | 04/12/21 12:07 | 1       |

| Analyte                  | MB     | MB        | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
|                          | Result | Qualifier |      |     |       |   |          |                |         |
| cis-1,2-Dichloroethene   | ND     |           | 0.79 |     | ug/m3 |   |          | 04/12/21 12:07 | 1       |
| Tetrachloroethene        | ND     |           | 1.4  |     | ug/m3 |   |          | 04/12/21 12:07 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.79 |     | ug/m3 |   |          | 04/12/21 12:07 | 1       |
| Trichloroethene          | ND     |           | 1.1  |     | ug/m3 |   |          | 04/12/21 12:07 | 1       |
| Vinyl chloride           | ND     |           | 0.51 |     | ug/m3 |   |          | 04/12/21 12:07 | 1       |

**Lab Sample ID: LCS 140-48707/1002**  
**Matrix: Air**  
**Analysis Batch: 48707**

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

| Analyte                                | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec Limits |
|--|-------------|------------|---------------|---------|---|------|-------------|
|  |             |            |               |         |   |      |             |
| 1,1,1,2-Tetrachloroethane              | 2.00        | 2.01       |               | ppb v/v |   | 100  | 70 - 130    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane  | 2.00        | 2.18       |               | ppb v/v |   | 109  | 70 - 130    |
| 1,1,2-Trichloroethane                  | 2.00        | 1.89       |               | ppb v/v |   | 95   | 70 - 130    |
| 1,1-Dichloroethane                     | 2.00        | 1.94       |               | ppb v/v |   | 97   | 70 - 130    |
| 1,1-Dichloroethene                     | 2.00        | 1.79       |               | ppb v/v |   | 89   | 70 - 130    |
| 1,2,4-Trichlorobenzene                 | 2.00        | 2.58       |               | ppb v/v |   | 129  | 60 - 140    |
| 1,2,4-Trimethylbenzene                 | 2.00        | 2.50       |               | ppb v/v |   | 125  | 70 - 130    |
| 1,2-Dibromoethane (EDB)                | 2.00        | 2.17       |               | ppb v/v |   | 108  | 70 - 130    |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 2.00        | 2.68       |               | ppb v/v |   | 134  | 60 - 140    |
| 1,2-Dichlorobenzene                    | 2.00        | 2.62       | *+            | ppb v/v |   | 131  | 70 - 130    |
| 1,2-Dichloroethane                     | 2.00        | 2.60       |               | ppb v/v |   | 130  | 70 - 130    |
| 1,2-Dichloropropane                    | 2.00        | 1.78       |               | ppb v/v |   | 89   | 70 - 130    |
| 1,3,5-Trimethylbenzene                 | 2.00        | 2.21       |               | ppb v/v |   | 111  | 70 - 130    |
| 1,3-Dichlorobenzene                    | 2.00        | 2.52       |               | ppb v/v |   | 126  | 70 - 130    |
| 1,4-Dichlorobenzene                    | 2.00        | 2.54       |               | ppb v/v |   | 127  | 70 - 130    |
| 1,4-Dioxane                            | 2.00        | 1.79       | J             | ppb v/v |   | 90   | 60 - 140    |
| 2-Butanone (MEK)                       | 2.00        | 1.44       |               | ppb v/v |   | 72   | 60 - 140    |
| 4-Methyl-2-pentanone (MIBK)            | 2.00        | 1.69       |               | ppb v/v |   | 84   | 60 - 140    |
| Acetone                                | 6.00        | 4.75       |               | ppb v/v |   | 79   | 60 - 140    |
| Benzene                                | 2.00        | 1.70       |               | ppb v/v |   | 85   | 70 - 130    |
| Benzyl chloride                        | 2.00        | 2.78       | *+            | ppb v/v |   | 139  | 70 - 130    |
| Bromodichloromethane                   | 2.00        | 2.51       |               | ppb v/v |   | 126  | 70 - 130    |
| Bromoform                              | 2.00        | 3.24       | *+            | ppb v/v |   | 162  | 60 - 140    |
| Bromomethane                           | 2.00        | 2.13       |               | ppb v/v |   | 106  | 70 - 130    |
| Carbon disulfide                       | 2.00        | 1.62       |               | ppb v/v |   | 81   | 70 - 130    |
| Carbon tetrachloride                   | 2.00        | 3.50       | *+            | ppb v/v |   | 175  | 70 - 130    |
| Chlorobenzene                          | 2.00        | 2.12       |               | ppb v/v |   | 106  | 70 - 130    |
| Chloroethane                           | 2.00        | 1.58       |               | ppb v/v |   | 79   | 70 - 130    |

Eurofins TestAmerica, Knoxville

# QC Sample Results

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-48707/1002**  
**Matrix: Air**  
**Analysis Batch: 48707**

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

| Analyte                                 | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|---|-------------|------------|---------------|---------|---|------|--------------|
| Chloroform                              | 2.00        | 2.19       |               | ppb v/v |   | 109  | 70 - 130     |
| Chloromethane                           | 2.00        | 1.37       |               | ppb v/v |   | 68   | 60 - 140     |
| cis-1,2-Dichloroethene                  | 2.00        | 1.67       |               | ppb v/v |   | 84   | 70 - 130     |
| cis-1,3-Dichloropropene                 | 2.00        | 1.99       |               | ppb v/v |   | 100  | 70 - 130     |
| Cyclohexane                             | 2.00        | 1.59       |               | ppb v/v |   | 79   | 70 - 130     |
| Dibromochloromethane                    | 2.00        | 2.90       | *+            | ppb v/v |   | 145  | 70 - 130     |
| Dichlorodifluoromethane                 | 2.00        | 2.70       |               | ppb v/v |   | 135  | 60 - 140     |
| Ethylbenzene                            | 2.00        | 1.97       |               | ppb v/v |   | 99   | 70 - 130     |
| Hexachlorobutadiene                     | 2.00        | 3.31       | *+            | ppb v/v |   | 165  | 60 - 140     |
| Hexane                                  | 2.00        | 1.72       |               | ppb v/v |   | 86   | 70 - 130     |
| Isopropyl alcohol                       | 6.00        | 5.77       |               | ppb v/v |   | 96   | 60 - 140     |
| Isopropylbenzene                        | 2.00        | 2.17       |               | ppb v/v |   | 108  | 70 - 130     |
| Methyl tert-butyl ether                 | 2.00        | 2.04       |               | ppb v/v |   | 102  | 60 - 140     |
| Methylene Chloride                      | 2.00        | 1.74       |               | ppb v/v |   | 87   | 70 - 130     |
| m-Xylene & p-Xylene                     | 4.00        | 4.28       |               | ppb v/v |   | 107  | 70 - 130     |
| Naphthalene                             | 2.00        | 2.18       |               | ppb v/v |   | 109  | 60 - 140     |
| o-Xylene                                | 2.00        | 2.20       |               | ppb v/v |   | 110  | 70 - 130     |
| Styrene                                 | 2.00        | 2.13       |               | ppb v/v |   | 107  | 70 - 130     |
| Tetrachloroethene                       | 2.00        | 2.28       |               | ppb v/v |   | 114  | 70 - 130     |
| Tetrahydrofuran                         | 2.00        | 1.49       | J             | ppb v/v |   | 75   | 60 - 140     |
| Toluene                                 | 2.00        | 1.82       |               | ppb v/v |   | 91   | 70 - 130     |
| trans-1,2-Dichloroethene                | 2.00        | 1.76       |               | ppb v/v |   | 88   | 70 - 130     |
| trans-1,3-Dichloropropene               | 2.00        | 2.15       |               | ppb v/v |   | 108  | 70 - 130     |
| Trichloroethene                         | 2.00        | 2.02       |               | ppb v/v |   | 101  | 70 - 130     |
| Trichlorofluoromethane                  | 2.00        | 2.86       | *+            | ppb v/v |   | 143  | 60 - 140     |
| Vinyl acetate                           | 2.00        | 1.55       | J             | ppb v/v |   | 77   | 60 - 140     |
| Vinyl bromide                           | 2.00        | 1.86       |               | ppb v/v |   | 93   | 60 - 140     |
| Vinyl chloride                          | 2.00        | 1.75       |               | ppb v/v |   | 87   | 70 - 130     |
| Analyte                                 | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
| 1,1,1-Trichloroethane                   | 11          | 13.9       |               | ug/m3   |   | 128  | 70 - 130     |
| 1,1,1,2-Tetrachloroethane               | 14          | 13.8       |               | ug/m3   |   | 100  | 70 - 130     |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | 15          | 16.7       |               | ug/m3   |   | 109  | 70 - 130     |
| 1,1,2-Trichloroethane                   | 11          | 10.3       |               | ug/m3   |   | 95   | 70 - 130     |
| 1,1-Dichloroethane                      | 8.1         | 7.84       |               | ug/m3   |   | 97   | 70 - 130     |
| 1,1-Dichloroethene                      | 7.9         | 7.08       |               | ug/m3   |   | 89   | 70 - 130     |
| 1,2,4-Trichlorobenzene                  | 15          | 19.1       |               | ug/m3   |   | 129  | 60 - 140     |
| 1,2,4-Trimethylbenzene                  | 9.8         | 12.3       |               | ug/m3   |   | 125  | 70 - 130     |
| 1,2-Dibromoethane (EDB)                 | 15          | 16.7       |               | ug/m3   |   | 108  | 70 - 130     |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane  | 14          | 18.8       |               | ug/m3   |   | 134  | 60 - 140     |
| 1,2-Dichlorobenzene                     | 12          | 15.8       | *+            | ug/m3   |   | 131  | 70 - 130     |
| 1,2-Dichloroethane                      | 8.1         | 10.5       |               | ug/m3   |   | 130  | 70 - 130     |
| 1,2-Dichloropropane                     | 9.2         | 8.21       |               | ug/m3   |   | 89   | 70 - 130     |
| 1,3,5-Trimethylbenzene                  | 9.8         | 10.9       |               | ug/m3   |   | 111  | 70 - 130     |
| 1,3-Dichlorobenzene                     | 12          | 15.1       |               | ug/m3   |   | 126  | 70 - 130     |
| 1,4-Dichlorobenzene                     | 12          | 15.3       |               | ug/m3   |   | 127  | 70 - 130     |
| 1,4-Dioxane                             | 7.2         | 6.46       | J             | ug/m3   |   | 90   | 60 - 140     |

Eurofins TestAmerica, Knoxville

# QC Sample Results

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-48707/1002**  
**Matrix: Air**  
**Analysis Batch: 48707**

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

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits |
|-----------------------------|----------------|---------------|------------------|-------|---|------|-----------------|
| 2-Butanone (MEK)            | 5.9            | 4.24          |                  | ug/m3 |   | 72   | 60 - 140        |
| 4-Methyl-2-pentanone (MIBK) | 8.2            | 6.91          |                  | ug/m3 |   | 84   | 60 - 140        |
| Acetone                     | 14             | 11.3          |                  | ug/m3 |   | 79   | 60 - 140        |
| Benzene                     | 6.4            | 5.45          |                  | ug/m3 |   | 85   | 70 - 130        |
| Benzyl chloride             | 10             | 14.4          | *+               | ug/m3 |   | 139  | 70 - 130        |
| Bromodichloromethane        | 13             | 16.8          |                  | ug/m3 |   | 126  | 70 - 130        |
| Bromoform                   | 21             | 33.5          | *+               | ug/m3 |   | 162  | 60 - 140        |
| Bromomethane                | 7.8            | 8.25          |                  | ug/m3 |   | 106  | 70 - 130        |
| Carbon disulfide            | 6.2            | 5.03          |                  | ug/m3 |   | 81   | 70 - 130        |
| Carbon tetrachloride        | 13             | 22.0          | *+               | ug/m3 |   | 175  | 70 - 130        |
| Chlorobenzene               | 9.2            | 9.74          |                  | ug/m3 |   | 106  | 70 - 130        |
| Chloroethane                | 5.3            | 4.16          |                  | ug/m3 |   | 79   | 70 - 130        |
| Chloroform                  | 9.8            | 10.7          |                  | ug/m3 |   | 109  | 70 - 130        |
| Chloromethane               | 4.1            | 2.82          |                  | ug/m3 |   | 68   | 60 - 140        |
| cis-1,2-Dichloroethene      | 7.9            | 6.64          |                  | ug/m3 |   | 84   | 70 - 130        |
| cis-1,3-Dichloropropene     | 9.1            | 9.05          |                  | ug/m3 |   | 100  | 70 - 130        |
| Cyclohexane                 | 6.9            | 5.47          |                  | ug/m3 |   | 79   | 70 - 130        |
| Dibromochloromethane        | 17             | 24.7          | *+               | ug/m3 |   | 145  | 70 - 130        |
| Dichlorodifluoromethane     | 9.9            | 13.3          |                  | ug/m3 |   | 135  | 60 - 140        |
| Ethylbenzene                | 8.7            | 8.57          |                  | ug/m3 |   | 99   | 70 - 130        |
| Hexachlorobutadiene         | 21             | 35.3          | *+               | ug/m3 |   | 165  | 60 - 140        |
| Hexane                      | 7.0            | 6.05          |                  | ug/m3 |   | 86   | 70 - 130        |
| Isopropyl alcohol           | 15             | 14.2          |                  | ug/m3 |   | 96   | 60 - 140        |
| Isopropylbenzene            | 9.8            | 10.7          |                  | ug/m3 |   | 108  | 70 - 130        |
| Methyl tert-butyl ether     | 7.2            | 7.35          |                  | ug/m3 |   | 102  | 60 - 140        |
| Methylene Chloride          | 6.9            | 6.05          |                  | ug/m3 |   | 87   | 70 - 130        |
| m-Xylene & p-Xylene         | 17             | 18.6          |                  | ug/m3 |   | 107  | 70 - 130        |
| Naphthalene                 | 10             | 11.4          |                  | ug/m3 |   | 109  | 60 - 140        |
| o-Xylene                    | 8.7            | 9.56          |                  | ug/m3 |   | 110  | 70 - 130        |
| Styrene                     | 8.5            | 9.08          |                  | ug/m3 |   | 107  | 70 - 130        |
| Tetrachloroethene           | 14             | 15.4          |                  | ug/m3 |   | 114  | 70 - 130        |
| Tetrahydrofuran             | 5.9            | 4.40          | J                | ug/m3 |   | 75   | 60 - 140        |
| Toluene                     | 7.5            | 6.84          |                  | ug/m3 |   | 91   | 70 - 130        |
| trans-1,2-Dichloroethene    | 7.9            | 6.96          |                  | ug/m3 |   | 88   | 70 - 130        |
| trans-1,3-Dichloropropene   | 9.1            | 9.78          |                  | ug/m3 |   | 108  | 70 - 130        |
| Trichloroethene             | 11             | 10.9          |                  | ug/m3 |   | 101  | 70 - 130        |
| Trichlorofluoromethane      | 11             | 16.1          | *+               | ug/m3 |   | 143  | 60 - 140        |
| Vinyl acetate               | 7.0            | 5.44          | J                | ug/m3 |   | 77   | 60 - 140        |
| Vinyl bromide               | 8.7            | 8.14          |                  | ug/m3 |   | 93   | 60 - 140        |
| Vinyl chloride              | 5.1            | 4.46          |                  | ug/m3 |   | 87   | 70 - 130        |

**Lab Sample ID: MB 140-48708/4**  
**Matrix: Air**  
**Analysis Batch: 48708**

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

| Analyte                  | MB<br>Result | MB<br>Qualifier | RL    | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------------|-----------------|-------|-----|---------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene   | ND           |                 | 0.080 |     | ppb v/v |   |          | 04/10/21 08:44 | 1       |
| Tetrachloroethene        | ND           |                 | 0.080 |     | ppb v/v |   |          | 04/10/21 08:44 | 1       |
| trans-1,2-Dichloroethene | ND           |                 | 0.080 |     | ppb v/v |   |          | 04/10/21 08:44 | 1       |

Eurofins TestAmerica, Knoxville

# QC Sample Results

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 140-48708/4**  
**Matrix: Air**  
**Analysis Batch: 48708**

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

| Analyte                  | MB     | MB        | RL    | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-------|-----|---------|---|----------|----------------|---------|
|                          | Result | Qualifier |       |     |         |   |          |                |         |
| Trichloroethene          | ND     |           | 0.080 |     | ppb v/v |   |          | 04/10/21 08:44 | 1       |
| Vinyl chloride           | ND     |           | 0.080 |     | ppb v/v |   |          | 04/10/21 08:44 | 1       |
| Analyte                  | MB     | MB        | RL    | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|                          | Result | Qualifier |       |     |         |   |          |                |         |
| cis-1,2-Dichloroethene   | ND     |           | 0.32  |     | ug/m3   |   |          | 04/10/21 08:44 | 1       |
| Tetrachloroethene        | ND     |           | 0.54  |     | ug/m3   |   |          | 04/10/21 08:44 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.32  |     | ug/m3   |   |          | 04/10/21 08:44 | 1       |
| Trichloroethene          | ND     |           | 0.43  |     | ug/m3   |   |          | 04/10/21 08:44 | 1       |
| Vinyl chloride           | ND     |           | 0.20  |     | ug/m3   |   |          | 04/10/21 08:44 | 1       |

**Lab Sample ID: MB 140-48708/5**  
**Matrix: Air**  
**Analysis Batch: 48708**

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

| Analyte                  | MB     | MB        | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|------|-----|---------|---|----------|----------------|---------|
|                          | Result | Qualifier |      |     |         |   |          |                |         |
| cis-1,2-Dichloroethene   | ND     |           | 0.20 |     | ppb v/v |   |          | 04/10/21 09:31 | 1       |
| Tetrachloroethene        | ND     |           | 0.20 |     | ppb v/v |   |          | 04/10/21 09:31 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.20 |     | ppb v/v |   |          | 04/10/21 09:31 | 1       |
| Trichloroethene          | ND     |           | 0.20 |     | ppb v/v |   |          | 04/10/21 09:31 | 1       |
| Vinyl chloride           | ND     |           | 0.20 |     | ppb v/v |   |          | 04/10/21 09:31 | 1       |
| Analyte                  | MB     | MB        | RL   | MDL | Unit    | D | Prepared | Analyzed       | Dil Fac |
|                          | Result | Qualifier |      |     |         |   |          |                |         |
| cis-1,2-Dichloroethene   | ND     |           | 0.79 |     | ug/m3   |   |          | 04/10/21 09:31 | 1       |
| Tetrachloroethene        | ND     |           | 1.4  |     | ug/m3   |   |          | 04/10/21 09:31 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 0.79 |     | ug/m3   |   |          | 04/10/21 09:31 | 1       |
| Trichloroethene          | ND     |           | 1.1  |     | ug/m3   |   |          | 04/10/21 09:31 | 1       |
| Vinyl chloride           | ND     |           | 0.51 |     | ug/m3   |   |          | 04/10/21 09:31 | 1       |

**Lab Sample ID: LCS 140-48708/1002**  
**Matrix: Air**  
**Analysis Batch: 48708**

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

| Analyte                                 | Spike Added | LCS    | LCS       | Unit    | D | %Rec | %Rec. Limits |
|---|-------------|--------|-----------|---------|---|------|--------------|
|   |             | Result | Qualifier |         |   |      |              |
| 1,1,1-Trichloroethane                   | 2.00        | 1.99   |           | ppb v/v |   | 99   | 70 - 130     |
| 1,1,1,2-Tetrachloroethane               | 2.00        | 1.46   |           | ppb v/v |   | 73   | 70 - 130     |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | 2.00        | 2.14   |           | ppb v/v |   | 107  | 70 - 130     |
| 1,1,2-Trichloroethane                   | 2.00        | 1.93   |           | ppb v/v |   | 96   | 70 - 130     |
| 1,1-Dichloroethane                      | 2.00        | 1.90   |           | ppb v/v |   | 95   | 70 - 130     |
| 1,1-Dichloroethene                      | 2.00        | 1.99   |           | ppb v/v |   | 100  | 70 - 130     |
| 1,2,4-Trichlorobenzene                  | 2.00        | 2.51   |           | ppb v/v |   | 126  | 60 - 140     |
| 1,2,4-Trimethylbenzene                  | 2.00        | 1.48   |           | ppb v/v |   | 74   | 70 - 130     |
| 1,2-Dibromoethane (EDB)                 | 2.00        | 2.08   |           | ppb v/v |   | 104  | 70 - 130     |
| 1,2-Dichloro-1,1,1,2-tetrafluoroethane  | 2.00        | 2.19   |           | ppb v/v |   | 109  | 60 - 140     |
| 1,2-Dichlorobenzene                     | 2.00        | 1.43   |           | ppb v/v |   | 71   | 70 - 130     |
| 1,2-Dichloroethane                      | 2.00        | 2.03   |           | ppb v/v |   | 101  | 70 - 130     |
| 1,2-Dichloropropane                     | 2.00        | 1.97   |           | ppb v/v |   | 98   | 70 - 130     |
| 1,3,5-Trimethylbenzene                  | 2.00        | 1.58   |           | ppb v/v |   | 79   | 70 - 130     |
| 1,3-Dichlorobenzene                     | 2.00        | 1.93   |           | ppb v/v |   | 97   | 70 - 130     |

Eurofins TestAmerica, Knoxville

# QC Sample Results

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-48708/1002**  
**Matrix: Air**  
**Analysis Batch: 48708**

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

| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|---------------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| 1,4-Dichlorobenzene                   | 2.00        | 2.04       |               | ppb v/v |   | 102  | 70 - 130     |
| 1,4-Dioxane                           | 2.00        | 2.05       |               | ppb v/v |   | 102  | 60 - 140     |
| 2-Butanone (MEK)                      | 2.00        | 2.18       |               | ppb v/v |   | 109  | 60 - 140     |
| 4-Methyl-2-pentanone (MIBK)           | 2.00        | 2.06       |               | ppb v/v |   | 103  | 60 - 140     |
| Acetone                               | 2.00        | 2.01       |               | ppb v/v |   | 100  | 60 - 140     |
| Benzene                               | 2.00        | 2.11       |               | ppb v/v |   | 106  | 70 - 130     |
| Benzyl chloride                       | 2.00        | 2.47       |               | ppb v/v |   | 123  | 70 - 130     |
| Bromodichloromethane                  | 2.00        | 2.08       |               | ppb v/v |   | 104  | 70 - 130     |
| Bromoform                             | 2.00        | 2.06       |               | ppb v/v |   | 103  | 60 - 140     |
| Bromomethane                          | 2.00        | 2.03       |               | ppb v/v |   | 102  | 70 - 130     |
| Carbon disulfide                      | 2.00        | 1.97       |               | ppb v/v |   | 99   | 70 - 130     |
| Carbon tetrachloride                  | 2.00        | 2.23       |               | ppb v/v |   | 112  | 70 - 130     |
| Chlorobenzene                         | 2.00        | 2.06       |               | ppb v/v |   | 103  | 70 - 130     |
| Chloroethane                          | 2.00        | 2.02       |               | ppb v/v |   | 101  | 70 - 130     |
| Chloroform                            | 2.00        | 1.99       |               | ppb v/v |   | 99   | 70 - 130     |
| Chloromethane                         | 2.00        | 2.07       |               | ppb v/v |   | 104  | 60 - 140     |
| cis-1,2-Dichloroethene                | 2.00        | 1.98       |               | ppb v/v |   | 99   | 70 - 130     |
| cis-1,3-Dichloropropene               | 2.00        | 2.12       |               | ppb v/v |   | 106  | 70 - 130     |
| Cyclohexane                           | 2.00        | 1.98       |               | ppb v/v |   | 99   | 70 - 130     |
| Dibromochloromethane                  | 2.00        | 2.10       |               | ppb v/v |   | 105  | 70 - 130     |
| Dichlorodifluoromethane               | 2.00        | 2.11       |               | ppb v/v |   | 105  | 60 - 140     |
| Ethylbenzene                          | 2.00        | 1.86       |               | ppb v/v |   | 93   | 70 - 130     |
| Hexachlorobutadiene                   | 2.00        | 1.88       |               | ppb v/v |   | 94   | 60 - 140     |
| Hexane                                | 2.00        | 1.93       |               | ppb v/v |   | 96   | 70 - 130     |
| Isopropyl alcohol                     | 2.00        | 2.42       |               | ppb v/v |   | 121  | 60 - 140     |
| Isopropylbenzene                      | 2.00        | 1.46       |               | ppb v/v |   | 73   | 70 - 130     |
| Methyl tert-butyl ether               | 2.00        | 2.03       |               | ppb v/v |   | 102  | 60 - 140     |
| Methylene Chloride                    | 2.00        | 1.98       |               | ppb v/v |   | 99   | 70 - 130     |
| m-Xylene & p-Xylene                   | 4.00        | 4.54       |               | ppb v/v |   | 114  | 70 - 130     |
| Naphthalene                           | 2.00        | 2.54       |               | ppb v/v |   | 127  | 60 - 140     |
| o-Xylene                              | 2.00        | 1.77       |               | ppb v/v |   | 89   | 70 - 130     |
| Styrene                               | 2.00        | 2.30       |               | ppb v/v |   | 115  | 70 - 130     |
| Tetrachloroethene                     | 2.00        | 1.95       |               | ppb v/v |   | 98   | 70 - 130     |
| Tetrahydrofuran                       | 2.00        | 1.86       | J             | ppb v/v |   | 93   | 60 - 140     |
| Toluene                               | 2.00        | 1.98       |               | ppb v/v |   | 99   | 70 - 130     |
| trans-1,2-Dichloroethene              | 2.00        | 2.06       |               | ppb v/v |   | 103  | 70 - 130     |
| trans-1,3-Dichloropropene             | 2.00        | 2.08       |               | ppb v/v |   | 104  | 70 - 130     |
| Trichloroethene                       | 2.00        | 2.26       |               | ppb v/v |   | 113  | 70 - 130     |
| Trichlorofluoromethane                | 2.00        | 2.10       |               | ppb v/v |   | 105  | 60 - 140     |
| Vinyl acetate                         | 2.00        | 1.94       | J             | ppb v/v |   | 97   | 60 - 140     |
| Vinyl bromide                         | 2.00        | 2.20       |               | ppb v/v |   | 110  | 60 - 140     |
| Vinyl chloride                        | 2.00        | 2.03       |               | ppb v/v |   | 101  | 70 - 130     |
| Analyte                               | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
| 1,1,1-Trichloroethane                 | 11          | 10.8       |               | ug/m3   |   | 99   | 70 - 130     |
| 1,1,2,2-Tetrachloroethane             | 14          | 10.0       |               | ug/m3   |   | 73   | 70 - 130     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 15          | 16.4       |               | ug/m3   |   | 107  | 70 - 130     |
| 1,1,2-Trichloroethane                 | 11          | 10.5       |               | ug/m3   |   | 96   | 70 - 130     |

Eurofins TestAmerica, Knoxville



# QC Sample Results

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-48708/1002**

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

**Matrix: Air**

**Analysis Batch: 48708**

| Analyte                                | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|--|-------------|------------|---------------|-------|---|------|--------------|
| 1,1-Dichloroethane                     | 8.1         | 7.69       |               | ug/m3 |   | 95   | 70 - 130     |
| 1,1-Dichloroethene                     | 7.9         | 7.90       |               | ug/m3 |   | 100  | 70 - 130     |
| 1,2,4-Trichlorobenzene                 | 15          | 18.7       |               | ug/m3 |   | 126  | 60 - 140     |
| 1,2,4-Trimethylbenzene                 | 9.8         | 7.26       |               | ug/m3 |   | 74   | 70 - 130     |
| 1,2-Dibromoethane (EDB)                | 15          | 16.0       |               | ug/m3 |   | 104  | 70 - 130     |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 14          | 15.3       |               | ug/m3 |   | 109  | 60 - 140     |
| 1,2-Dichlorobenzene                    | 12          | 8.58       |               | ug/m3 |   | 71   | 70 - 130     |
| 1,2-Dichloroethane                     | 8.1         | 8.21       |               | ug/m3 |   | 101  | 70 - 130     |
| 1,2-Dichloropropane                    | 9.2         | 9.10       |               | ug/m3 |   | 98   | 70 - 130     |
| 1,3,5-Trimethylbenzene                 | 9.8         | 7.75       |               | ug/m3 |   | 79   | 70 - 130     |
| 1,3-Dichlorobenzene                    | 12          | 11.6       |               | ug/m3 |   | 97   | 70 - 130     |
| 1,4-Dichlorobenzene                    | 12          | 12.2       |               | ug/m3 |   | 102  | 70 - 130     |
| 1,4-Dioxane                            | 7.2         | 7.38       |               | ug/m3 |   | 102  | 60 - 140     |
| 2-Butanone (MEK)                       | 5.9         | 6.41       |               | ug/m3 |   | 109  | 60 - 140     |
| 4-Methyl-2-pentanone (MIBK)            | 8.2         | 8.44       |               | ug/m3 |   | 103  | 60 - 140     |
| Acetone                                | 4.8         | 4.77       |               | ug/m3 |   | 100  | 60 - 140     |
| Benzene                                | 6.4         | 6.74       |               | ug/m3 |   | 106  | 70 - 130     |
| Benzyl chloride                        | 10          | 12.8       |               | ug/m3 |   | 123  | 70 - 130     |
| Bromodichloromethane                   | 13          | 13.9       |               | ug/m3 |   | 104  | 70 - 130     |
| Bromoform                              | 21          | 21.3       |               | ug/m3 |   | 103  | 60 - 140     |
| Bromomethane                           | 7.8         | 7.90       |               | ug/m3 |   | 102  | 70 - 130     |
| Carbon disulfide                       | 6.2         | 6.14       |               | ug/m3 |   | 99   | 70 - 130     |
| Carbon tetrachloride                   | 13          | 14.0       |               | ug/m3 |   | 112  | 70 - 130     |
| Chlorobenzene                          | 9.2         | 9.47       |               | ug/m3 |   | 103  | 70 - 130     |
| Chloroethane                           | 5.3         | 5.34       |               | ug/m3 |   | 101  | 70 - 130     |
| Chloroform                             | 9.8         | 9.70       |               | ug/m3 |   | 99   | 70 - 130     |
| Chloromethane                          | 4.1         | 4.28       |               | ug/m3 |   | 104  | 60 - 140     |
| cis-1,2-Dichloroethene                 | 7.9         | 7.85       |               | ug/m3 |   | 99   | 70 - 130     |
| cis-1,3-Dichloropropene                | 9.1         | 9.64       |               | ug/m3 |   | 106  | 70 - 130     |
| Cyclohexane                            | 6.9         | 6.81       |               | ug/m3 |   | 99   | 70 - 130     |
| Dibromochloromethane                   | 17          | 17.9       |               | ug/m3 |   | 105  | 70 - 130     |
| Dichlorodifluoromethane                | 9.9         | 10.4       |               | ug/m3 |   | 105  | 60 - 140     |
| Ethylbenzene                           | 8.7         | 8.08       |               | ug/m3 |   | 93   | 70 - 130     |
| Hexachlorobutadiene                    | 21          | 20.0       |               | ug/m3 |   | 94   | 60 - 140     |
| Hexane                                 | 7.0         | 6.79       |               | ug/m3 |   | 96   | 70 - 130     |
| Isopropyl alcohol                      | 4.9         | 5.94       |               | ug/m3 |   | 121  | 60 - 140     |
| Isopropylbenzene                       | 9.8         | 7.16       |               | ug/m3 |   | 73   | 70 - 130     |
| Methyl tert-butyl ether                | 7.2         | 7.33       |               | ug/m3 |   | 102  | 60 - 140     |
| Methylene Chloride                     | 6.9         | 6.89       |               | ug/m3 |   | 99   | 70 - 130     |
| m-Xylene & p-Xylene                    | 17          | 19.7       |               | ug/m3 |   | 114  | 70 - 130     |
| Naphthalene                            | 10          | 13.3       |               | ug/m3 |   | 127  | 60 - 140     |
| o-Xylene                               | 8.7         | 7.70       |               | ug/m3 |   | 89   | 70 - 130     |
| Styrene                                | 8.5         | 9.79       |               | ug/m3 |   | 115  | 70 - 130     |
| Tetrachloroethene                      | 14          | 13.2       |               | ug/m3 |   | 98   | 70 - 130     |
| Tetrahydrofuran                        | 5.9         | 5.50       | J             | ug/m3 |   | 93   | 60 - 140     |
| Toluene                                | 7.5         | 7.46       |               | ug/m3 |   | 99   | 70 - 130     |
| trans-1,2-Dichloroethene               | 7.9         | 8.16       |               | ug/m3 |   | 103  | 70 - 130     |
| trans-1,3-Dichloropropene              | 9.1         | 9.43       |               | ug/m3 |   | 104  | 70 - 130     |

Eurofins TestAmerica, Knoxville

# QC Sample Results

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-48708/1002

Matrix: Air

Analysis Batch: 48708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Trichloroethene        | 11          | 12.2       |               | ug/m3 |   | 113  | 70 - 130     |
| Trichlorofluoromethane | 11          | 11.8       |               | ug/m3 |   | 105  | 60 - 140     |
| Vinyl acetate          | 7.0         | 6.84       | J             | ug/m3 |   | 97   | 60 - 140     |
| Vinyl bromide          | 8.7         | 9.62       |               | ug/m3 |   | 110  | 60 - 140     |
| Vinyl chloride         | 5.1         | 5.18       |               | ug/m3 |   | 101  | 70 - 130     |

# QC Association Summary

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Air - GC/MS VOA

### Analysis Batch: 48707

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 140-22607-1        | SSV-7              | Total/NA  | Air    | TO-15  |            |
| MB 140-48707/5     | Method Blank       | Total/NA  | Air    | TO-15  |            |
| LCS 140-48707/1002 | Lab Control Sample | Total/NA  | Air    | TO-15  |            |

### Analysis Batch: 48708

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 140-22607-2        | STORM-V            | Total/NA  | Air    | TO-15  |            |
| 140-22607-3        | SANITARY-V         | Total/NA  | Air    | TO-15  |            |
| MB 140-48708/4     | Method Blank       | Total/NA  | Air    | TO-15  |            |
| MB 140-48708/5     | Method Blank       | Total/NA  | Air    | TO-15  |            |
| LCS 140-48708/1002 | Lab Control Sample | Total/NA  | Air    | TO-15  |            |

# Lab Chronicle

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

**Client Sample ID: SSV-7**  
Date Collected: 04/02/21 10:17  
Date Received: 04/05/21 08:20

**Lab Sample ID: 140-22607-1**  
Matrix: Air

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 8.49       | 40 mL          | 500 mL       | 48707        | 04/12/21 23:29       | HMT     | TAL KNX |
| Instrument ID: MS |            |              |     |            |                |              |              |                      |         |         |

**Client Sample ID: STORM-V**  
Date Collected: 04/02/21 10:57  
Date Received: 04/05/21 08:20

**Lab Sample ID: 140-22607-2**  
Matrix: Air

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 200 mL         | 500 mL       | 48708        | 04/10/21 13:48       | HMT     | TAL KNX |
| Instrument ID: MH |            |              |     |            |                |              |              |                      |         |         |

**Client Sample ID: SANITARY-V**  
Date Collected: 04/02/21 11:27  
Date Received: 04/05/21 08:20

**Lab Sample ID: 140-22607-3**  
Matrix: Air

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 200 mL         | 500 mL       | 48708        | 04/10/21 14:32       | HMT     | TAL KNX |
| Instrument ID: MH |            |              |     |            |                |              |              |                      |         |         |

**Client Sample ID: Method Blank**  
Date Collected: N/A  
Date Received: N/A

**Lab Sample ID: MB 140-48707/5**  
Matrix: Air

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 200 mL         | 500 mL       | 48707        | 04/12/21 12:07       | HMT     | TAL KNX |
| Instrument ID: MS |            |              |     |            |                |              |              |                      |         |         |

**Client Sample ID: Method Blank**  
Date Collected: N/A  
Date Received: N/A

**Lab Sample ID: MB 140-48708/4**  
Matrix: Air

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 500 mL         | 500 mL       | 48708        | 04/10/21 08:44       | HMT     | TAL KNX |
| Instrument ID: MH |            |              |     |            |                |              |              |                      |         |         |

**Client Sample ID: Method Blank**  
Date Collected: N/A  
Date Received: N/A

**Lab Sample ID: MB 140-48708/5**  
Matrix: Air

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 200 mL         | 500 mL       | 48708        | 04/10/21 09:31       | HMT     | TAL KNX |
| Instrument ID: MH |            |              |     |            |                |              |              |                      |         |         |

# Lab Chronicle

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

**Client Sample ID: Lab Control Sample**

**Lab Sample ID: LCS 140-48707/1002**

Date Collected: N/A

Matrix: Air

Date Received: N/A

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 500 mL         | 500 mL       | 48707        | 04/12/21 08:30       | HMT     | TAL KNX |
| Instrument ID: MS |            |              |     |            |                |              |              |                      |         |         |

**Client Sample ID: Lab Control Sample**

**Lab Sample ID: LCS 140-48708/1002**

Date Collected: N/A

Matrix: Air

Date Received: N/A

| Prep Type         | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA          | Analysis   | TO-15        |     | 1          | 500 mL         | 500 mL       | 48708        | 04/10/21 07:34       | HMT     | TAL KNX |
| Instrument ID: MH |            |              |     |            |                |              |              |                      |         |         |

**Laboratory References:**

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

# Accreditation/Certification Summary

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

## Laboratory: Eurofins TestAmerica, Knoxville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority              | Program               | Identification Number | Expiration Date |
|------------------------|-----------------------|-----------------------|-----------------|
|                        | AFCEE                 | N/A                   |                 |
| ANAB                   | Dept. of Defense ELAP | L2311                 | 02-13-22        |
| ANAB                   | Dept. of Energy       | L2311.01              | 02-13-22        |
| ANAB                   | ISO/IEC 17025         | L2311                 | 02-13-22        |
| ANAB                   | ISO/IEC 17025         | L2311                 | 02-14-22        |
| Arkansas DEQ           | State                 | 88-0688               | 06-17-21        |
| California             | State                 | 2423                  | 06-30-22        |
| Colorado               | State                 | TN00009               | 02-28-22        |
| Connecticut            | State                 | PH-0223               | 09-30-21        |
| Florida                | NELAP                 | E87177                | 07-01-21        |
| Georgia (DW)           | State                 | 906                   | 12-11-22        |
| Hawaii                 | State                 | NA                    | 12-11-21        |
| Kansas                 | NELAP                 | E-10349               | 10-31-21        |
| Kentucky (DW)          | State                 | 90101                 | 12-31-21        |
| Louisiana              | NELAP                 | 83979                 | 06-30-21        |
| Louisiana (DW)         | State                 | LA019                 | 12-31-21        |
| Maryland               | State                 | 277                   | 03-31-22        |
| Michigan               | State                 | 9933                  | 12-11-22        |
| Nevada                 | State                 | TN00009               | 07-31-21        |
| New Hampshire          | NELAP                 | 299919                | 01-17-22        |
| New Jersey             | NELAP                 | TN001                 | 07-01-21        |
| New York               | NELAP                 | 10781                 | 03-31-22        |
| North Carolina (DW)    | State                 | 21705                 | 07-31-21        |
| North Carolina (WW/SW) | State                 | 64                    | 12-31-21        |
| Ohio VAP               | State                 | CL0059                | 06-02-23        |
| Oklahoma               | State                 | 9415                  | 08-31-21        |
| Oregon                 | NELAP                 | TNI0189               | 01-01-22        |
| Pennsylvania           | NELAP                 | 68-00576              | 12-31-21        |
| Tennessee              | State                 | 02014                 | 12-11-22        |
| Texas                  | NELAP                 | T104704380-18-12      | 08-31-21        |
| US Fish & Wildlife     | US Federal Programs   | 058448                | 07-31-21        |
| USDA                   | US Federal Programs   | P330-19-00236         | 08-20-22        |
| Utah                   | NELAP                 | TN00009               | 07-31-21        |
| Virginia               | NELAP                 | 460176                | 09-14-21        |
| Washington             | State                 | C593                  | 01-19-22        |
| West Virginia (DW)     | State                 | 9955C                 | 01-02-22        |
| West Virginia DEP      | State                 | 345                   | 05-01-21        |
| Wisconsin              | State                 | 998044300             | 08-31-21        |

# Method Summary

Client: GRAEF  
Project/Site: Spic & Span - N. Richards St.

Job ID: 140-22607-1

| Method | Method Description                        | Protocol | Laboratory |
|--------|---|----------|------------|
| TO-15  | Volatile Organic Compounds in Ambient Air | EPA      | TAL KNX    |

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000







EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Log In Number:

| Review Items  | Yes | No | NA | If No, what was the problem?  | Comments/Actions Taken                                 |
|---|-----|----|----|---|--|
| 1. Are the shipping containers intact?  | /   |    |    | <input type="checkbox"/> Containers, Broken   |  |
| 2. Were ambient air containers received intact?   |     |    | /  | <input checked="" type="checkbox"/> Checked in lab  |  |
| 3. The coolers/containers custody seal if present, is it intact?  | /   |    |    | <input type="checkbox"/> Yes<br><input type="checkbox"/> NA   |  |
| 4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C)<br>Thermometer ID : _____<br>Correction factor: _____ |     |    | /  | <input type="checkbox"/> Cooler Out of Temp, Client Contacted, Proceed/Cancel<br><input type="checkbox"/> Cooler Out of Temp, Same Day Receipt        |  |
| 5. Were all of the sample containers received intact?   | /   |    |    | <input type="checkbox"/> Containers, Broken   |  |
| 6. Were samples received in appropriate containers?   | /   |    |    | <input type="checkbox"/> Containers, Improper; Client Contacted; Proceed/Cancel   |  |
| 7. Do sample container labels match COC? (IDs, Dates, Times)  | /   |    |    | <input type="checkbox"/> COC & Samples Do Not Match<br><input type="checkbox"/> COC Incorrect/Incomplete<br><input type="checkbox"/> COC Not Received |  |
| 8. Were all of the samples listed on the COC received?  | /   |    |    | <input type="checkbox"/> Sample Received, Not on COC<br><input type="checkbox"/> Sample on COC, Not Received  |  |
| 9. Is the date/time of sample collection noted?   | /   |    |    | <input type="checkbox"/> COC; No Date/Time; Client Contacted  |  |
| 10. Was the sampler identified on the COC?  | /   |    |    | <input type="checkbox"/> Sampler Not Listed on COC  | Labeling Verified by: _____ Date: _____                |
| 11. Is the client and project name/# identified?  | /   |    |    | <input type="checkbox"/> COC Incorrect/Incomplete   | pH test strip lot number: _____                        |
| 12. Are tests/parameters listed for each sample?  | /   |    |    | <input type="checkbox"/> COC No tests on COC  |  |
| 13. Is the matrix of the samples noted?   | /   |    |    | <input type="checkbox"/> COC Incorrect/Incomplete   |  |
| 14. Was COC relinquished? (Signed/Dated/Timed)  | /   |    |    | <input type="checkbox"/> COC Incorrect/Incomplete   | Box 16A: pH Preservation<br>Box 18A: Residual Chlorine |
| 15. Were samples received within holding time?  | /   |    |    | <input type="checkbox"/> Holding Time - Receipt   | Preservative: _____                                    |
| 16. Were samples received with correct chemical preservative (excluding Encore)?  |     |    | /  | <input type="checkbox"/> pH Adjusted, pH Included (See box 16A)<br><input type="checkbox"/> Incorrect Preservative                                    | Lot Number: _____                                      |
| 17. Were VOA samples received without headspace?  |     |    | /  | <input type="checkbox"/> Headspace (VOA only)   | Exp Date: _____  |
| 18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668)<br>Chlorine test strip lot number: _____                                |     |    | /  | <input type="checkbox"/> Residual Chlorine  | Analyst: _____   |
| 19. For 1613B water samples is pH<9?  |     |    | /  | <input type="checkbox"/> If no, notify lab to adjust  | Date: _____  |
| 20. For rad samples was sample activity info. Provided?   |     |    | /  | <input type="checkbox"/> Project missing info   | Time: _____  |
| Project #: <u>1400717</u> PM Instructions: _____  |     |    |    |   |  |

Sample Receiving Associate: [Signature] Date: 4/21/21





## Summa Canister Dilution Worksheet

Client: GRAEF  
 Project/Site: Spic & Span - N. Richards St.

Job No.: 140-22607-1

| Lab Sample ID | Canister Volume (L) | Preadjusted Pressure ("Hg) | Preadjusted Pressure (atm) | Preadjusted Volume (L) | Adjusted Pressure (psig) | Adjusted Pressure (atm) | Adjusted Volume (L) | Initial Volume (mL) | Dilution Factor | Final Dilution Factor | Pressure Gauge ID | Date           | Analyst Initials |
|---------------|---------------------|----------------------------|----------------------------|------------------------|--------------------------|-------------------------|---------------------|---------------------|-----------------|-----------------------|-------------------|----------------|------------------|
| 140-22607-1   | 6                   | -1.6                       | 0.95                       | 5.68                   | 32.9                     | 3.24                    | 19.43               |                     | 3.42            | 3.42                  | G5                | 04/07/21 10:50 | BRS              |
| 140-22607-1   | 6                   | 0.0                        | 1.00                       | 6.00                   | 21.8                     | 2.48                    | 14.90               |                     | 2.48            | 8.49                  | G5                | 04/07/21 11:45 | BRS              |

**Formulae:**

Preadjusted Volume (L) = ( Preadjusted Pressure ("Hg) + 29.92 "Hg \* Vol L ) / 29.92 "Hg

Adjusted Volume (L) = ( Adjusted Pressure (psig) + 14.7 psig \* Vol L ) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

**Where:**

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)



- Solid Waste
- Emergency Response
- Wastewater
- Superfund
- Haz. Waste
- Underground Tanks
- Water Resources
- Other

Facility/Project Name: **SPLIC + SPAN N. RICHARDS ST** License/Permit/Monitoring Number: \_\_\_\_\_ Boring Number: **SB - 16**

Boring Drilled By (Firm name and name of crew chief): **GESTRA ENGINEERING** Date Drilling Started: **03/09/21** Date Drilling Completed: **03/09/21** Drilling Method: **GEOPROBE**

DNR Facility Well No.: \_\_\_\_\_ WI Unique Well No.: \_\_\_\_\_ Common Well Name: \_\_\_\_\_ Final Static Water Level: \_\_\_\_\_ Feet MSL Surface Elevation: \_\_\_\_\_ Feet MSL Borehole Diameter: **2.0** inches

Boring Location: State Plane \_\_\_\_\_ N, \_\_\_\_\_ E Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Local Grid Location (If applicable): \_\_\_\_\_ Feet N \_\_\_\_\_ E \_\_\_\_\_ S \_\_\_\_\_ W

County: **MILWAUKEE** DNR County Code: \_\_\_\_\_ Civil Town/City/Village: **MILWAUKEE**

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet | Soil/Rock Description And Geological Origin For Each Major Unit | USCS | Graphic Log | Well Diagram | PID/FID | Soil Properties      |                  |              |                  |       | RQD/ Comments |              |
|------------------------|------------------------------|-------------|---------------|---|------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|--------------|
|                        |                              |             |               |   |      |             |              |         | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 |               |              |
|                        |                              |             |               | Concrete (3-inches)   |      |             |              |         |                      |                  |              |                  |       |               |              |
| 1                      | 60"                          | 24"         | 1.0 - 2.0     | Sand with gravel, brown, moist                                  | SP   |             |              |         |                      |                  |              |                  |       |               |              |
| 2                      | 60" & 42"                    |             | 5.8'          | Lean clay with sand, dark brown, moist                          | CL   |             |              |         |                      |                  |              |                  |       |               | $q_p = 1.5$  |
|                        |                              |             | 6.4'          | Lean clay with sand, brown with gray moist, trace gravel, stiff | CL   |             |              |         |                      |                  |              |                  |       |               | $q_p = 1.75$ |
|                        |                              |             | 8'            | Lean clay, gray, red, moist, very stiff                         | CL   |             |              |         |                      |                  |              |                  |       |               | $q_p = 2.5$  |
| 3                      | 60" & 60"                    |             | 10'           | Sand with gravel, brown, moist                                  | SP   |             |              |         |                      |                  |              |                  |       |               |              |
|                        |                              |             | 11.7'         | Sandy lean clay, dark brown, gray, moist                        | CL   |             |              |         |                      |                  |              |                  |       |               |              |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: *[Signature]* Firm: **GESTRA Engineering, Inc.**

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

$q_p$  - pocket penetrometer reading (tsf)



- Solid Waste
- Emergency Response
- Wastewater
- Superfund
- Haz. Waste
- Underground Tanks
- Water Resources
- Other

Facility/Project Name: **SPEC + SPAN N. RICHARDS ST** License/Permit/Monitoring Number: \_\_\_\_\_ Boring Number: **SB - 17**

Boring Drilled By (Firm name and name of crew chief): **GESTRA ENGINEERING** Date Drilling Started: **03/09/21** Date Drilling Completed: **03/09/21** Drilling Method: **GEOPROBE**

DNR Facility Well No.: \_\_\_\_\_ WI Unique Well No.: \_\_\_\_\_ Common Well Name: \_\_\_\_\_ Final Static Water Level: \_\_\_\_\_ Feet MSL Surface Elevation: \_\_\_\_\_ Feet MSL Borehole Diameter: **2.0** inches

Boring Location: State Plane \_\_\_\_\_ N, \_\_\_\_\_ E Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Local Grid Location (If applicable): \_\_\_\_\_ Feet \_\_\_\_\_ Feet

County: **MILWAUKEE** DNR County Code: \_\_\_\_\_ Civil Town/City/ or Village: **MILWAUKEE**

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet | Soil/Rock Description And Geological Origin For Each Major Unit | USCS | Graphic Log | Well Diagram | PID/FID | Soil Properties      |                  |              |                  |  | P 200 | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|---|------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|--|-------|---------------|
|                        |                              |             |               |   |      |             |              |         | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index |  |       |               |
|                        |                              |             | 0 - 1.0       | Concrete (3 - inches)   |      |             |              |         |                      |                  |              |                  |  |       |               |
| 1                      | 60" & 25"                    |             | 1.0 - 5.8'    | Sand with gravel, brown, moist                                  | SP   |             |              |         |                      |                  |              |                  |  |       |               |
| 2                      | 60" & 29"                    |             | 5.8' - 6.6'   | Sandy lean clay with gravel, brown, moist                       | CL   |             |              |         |                      |                  |              |                  |  |       |               |
|                        |                              |             | 6.6' - 10'    | Lean clay with sand, brown, moist, stiff trace gravel           | CL   |             |              |         |                      |                  |              |                  |  |       | $q_p = 1.75$  |
| 3                      | 60" & 54"                    |             | 10' - 12.0'   | Lean clay, brown, moist, very stiff sand pockets, trace gravel  | CL   |             |              |         |                      |                  |              |                  |  |       | $q_p = 2.75$  |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: *[Signature]* Firm: **GESTRA Engineering, Inc.**

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$q_p$  - Pocket penetrometer reading (tsf)

Use only as an attachment to Form 4400-122.

| Number and Type | Length Att. & Recovered (in)                                   | Blow Counts | Depth in Feet | Soil/Rock Description And Geological Origin For Each Major Unit   | U.S.C.S. | Graphic Log | Well Diagram | PID/FID | Soil Properties      |                  |              |                  |       | RQD/Comments          |                       |                       |                      |
|-----------------|--|-------------|---------------|---|----------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|-----------------------|-----------------------|-----------------------|----------------------|
|                 |  |             |               |   |          |             |              |         | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 |                       |                       |                       |                      |
| 4               | 60"<br>=   |             | 13.0          | Lean clay, brown, moist, very stiff<br>sand pockets, trace gravel | CL       |             |              |         |                      |                  |              |                  |       |                       | 9 <sub>p</sub> = 2.75 |                       |                      |
|                 |  |             | 14.0          |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
|                 |  |             | 15.0          | Sandy lean clay with gravel, brown, moist, stiff                  | CL       |             |              |         |                      |                  |              |                  |       |                       |                       | 9 <sub>p</sub> = 1.75 |                      |
|                 |  |             | 15.0          |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
|                 |  |             | 16.4          | Lean clay, brown with gray, moist trace gravel, hard              | CL       |             |              |         |                      |                  |              |                  |       |                       |                       |                       | 9 <sub>p</sub> = 4.5 |
|                 |  |             | 17.0          |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 18.0            | Lean clay, gray, moist, very stiff, trace gravel               | CL          |               |   |          |             |              |         |                      |                  |              |                  |       | 9 <sub>p</sub> = 2.25 |                       |                       |                      |
| 19.3            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 20.0            | Lean clay with sand, gray with brown moist, hard, trace gravel | CL          |               |   |          |             |              |         |                      |                  |              |                  |       | 9 <sub>p</sub> = 4.5  |                       |                       |                      |
| 21.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 22.0            | Lean clay, gray, moist, trace sand and gravel, very stiff      | CL          |               |   |          |             |              |         |                      |                  |              |                  |       | 9 <sub>p</sub> = 2.26 |                       |                       |                      |
| 23.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 25.0            | 5  |             | 25.0          | End of boring at 25'  | CL       |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 26.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 27.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 28.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 29.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |
| 30.0            |  |             |               |   |          |             |              |         |                      |                  |              |                  |       |                       |                       |                       |                      |

- Solid Waste
- Emergency Response
- Wastewater
- Superfund
- Haz. Waste
- Underground Tanks
- Water Resources
- Other \_\_\_\_\_

Facility/Project Name: SPLIC + SPAN N. RICHARDS ST License/Permit/Monitoring Number: \_\_\_\_\_ Boring Number: SB-18

Boring Drilled By (firm name and name of crew chief): GESTRA ENGINEERING Date Drilling Started: 03/09/21 Date Drilling Completed: 03/09/21 Drilling Method: GEO PROBE

DNR Facility Well No.: \_\_\_\_\_ WI Unique Well No.: \_\_\_\_\_ Common Well Name: \_\_\_\_\_ Final Static Water Level: \_\_\_\_\_ Feet MSL Surface Elevation: \_\_\_\_\_ Feet MSL Borehole Diameter: 2.0 inches

Boring Location: State Plane \_\_\_\_\_ N, \_\_\_\_\_ E Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Local Grid Location (If applicable): \_\_\_\_\_ Feet \_\_\_\_\_ Feet

County: MILWAUKEE DNR County Code: \_\_\_\_\_ Civil Town/City/Village: MILWAUKEE

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet | Soil/Rock Description And Geological Origin For Each Major Unit      | U.S.C.S. | Graphic Log | Well Diagram | PID/FID | Soil Properties      |                  |              |                  |  | P 200 | ROD/Comments    |
|------------------------|------------------------------|-------------|---------------|--|----------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|--|-------|-----------------|
|                        |                              |             |               |  |          |             |              |         | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index |  |       |                 |
|                        |                              |             |               | Concrete (3-inches)  |          |             |              |         |                      |                  |              |                  |  |       |                 |
| 1                      | 60" & 34"                    |             | 1.0           | Sand with gravel, brown, moist                                       | SP       |             |              |         |                      |                  |              |                  |  |       |                 |
|                        |                              |             | 1.9'          | Gravel with sand, white, gray, dry                                   | GP       |             |              |         |                      |                  |              |                  |  |       |                 |
|                        |                              |             | 2.8'          | trace rock chips   |          |             |              |         |                      |                  |              |                  |  |       |                 |
| 2                      | 60" & 51"                    |             | 3.0           | Sandy lean clay, brown, moist, hard                                  | CL       |             |              |         |                      |                  |              |                  |  |       | $q_p = 4.5+$    |
|                        |                              |             | 6.3'          | Lean clay, brown with gray, moist very stiff                         | CL       |             |              |         |                      |                  |              |                  |  |       | $q_p = 2.25$    |
|                        |                              |             | 8.8'          | Lean clay, brown, dark brown, moist stiff to very stiff              | CL       |             |              |         |                      |                  |              |                  |  |       | $q_p = 1.5-2.1$ |
| 3                      | 60" & 60"                    |             | 10.0'         | Lean clay with sand & gravel, dark brown, moist, stiff to very stiff | CL       |             |              |         |                      |                  |              |                  |  |       | $q_p = 1.5-2.5$ |
|                        |                              |             | 11.8'         |  |          |             |              |         |                      |                  |              |                  |  |       |                 |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [Signature] Firm: GESTRA Engineering, Inc

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$q_p$  - Pocket penetrometer reading (tsf)





- Solid Waste
- Emergency Response
- Wastewater
- Superfund
- Haz. Waste
- Underground Tanks
- Water Resources
- Other

Facility/Project Name: **SPIC + SPAN N. RICHARDS ST** License/Permit/Monitoring Number: \_\_\_\_\_ Boring Number: **SB - 19**

Boring Drilled By (Firm name and name of crew chief): **GESTRA ENGINEERING** Date Drilling Started: **03/09/21** Date Drilling Completed: **03/09/21** Drilling Method: **GEO PROBE**

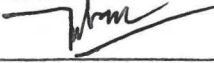
DNR Facility Well No.: \_\_\_\_\_ WI Unique Well No.: \_\_\_\_\_ Common Well Name: \_\_\_\_\_ Final Static Water Level: \_\_\_\_\_ Feet MSL Surface Elevation: \_\_\_\_\_ Feet MSL Borehole Diameter: **2.0** inches

Boring Location: State Plane \_\_\_\_\_ N, \_\_\_\_\_ E Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Local Grid Location (If applicable):  N  E  S  W

County: **MILWAUKEE** DNR County Code: \_\_\_\_\_ Civil Town/City/Village: **MILWAUKEE**

| Sample Number and Type | Length Alt. & Recovered (in) | Blow Counts | Depth in Feet | Soil/Rock Description And Geological Origin For Each Major Unit           | USCS | Graphic Log | Well Diagram | PID/FID | Soil Properties      |                  |              |                  |       | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|---|------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
|                        |                              |             |               |   |      |             |              |         | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 |               |
| 1                      | 60" & 29"                    |             | 0.5'          | Concrete with rebar (6-inches)  | 0.5' | SP          |              |         |                      |                  |              |                  |       |               |
|                        |                              |             | 1.0'          | Sand with gravel, brown, moist  | 1.3' |             |              |         |                      |                  |              |                  |       |               |
| 2                      | 60" & 35"                    |             | 2.0'          | Lean clay with sand, brown, gray, moist trace gravel, stiff               | CL   |             |              |         |                      |                  |              |                  |       | 9p = 1.75 - 2 |
|                        |                              |             | 3.0'          |   |      |             |              |         |                      |                  |              |                  |       |               |
| 3                      | 60" & 47"                    |             | 5.0'          | Lean clay, brown with gray, moist stiff                                   | CL   |             |              |         |                      |                  |              |                  |       | 9p = 1        |
|                        |                              |             | 6.0'          |   |      |             |              |         |                      |                  |              |                  |       |               |
|                        |                              |             | 7.0'          | Sand, brown, dark brown, moist, glass pieces (possible foundry materials) | SP   |             |              |         |                      |                  |              |                  |       |               |
|                        |                              |             | 8.0'          |   |      |             |              |         |                      |                  |              |                  |       |               |
|                        |                              |             | 9.0'          | Lean clay, gray, moist, very soft strong odor                             | CL   |             |              |         |                      |                  |              |                  |       | 9p = 0.25     |
|                        |                              |             | 10.0'         |   |      |             |              |         |                      |                  |              |                  |       |               |
|                        |                              |             | 11.0'         | Silt, gray, moist, trace sand   | ML   |             |              |         |                      |                  |              |                  |       |               |
|                        |                              |             | 12.0'         |   |      |             |              |         |                      |                  |              |                  |       |               |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature:  Firm: **GESTRA Engineering, Inc**

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9p - Pocket Penetrometer Reading (tsf)

