

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

Serial\_No:01282110:14  
**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-01  
**Client ID:** WELL 2 (420-188704-1)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:35  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Dw  
**Analytical Method:** 120,522  
**Analytical Date:** 01/18/21 20:32  
**Analyst:** PS

**Extraction Method:** EPA 522  
**Extraction Date:** 01/11/21 06:00

| Parameter                              | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|----------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab |        |           |       |       |       |                 |
| 1,4-Dioxane                            | ND     |           | ug/l  | 0.163 | 0.163 | 1               |

| Surrogate      | % Recovery | Qualifier | Acceptance Criteria |
|----------------|------------|-----------|---------------------|
| 1,4-Dioxane-d8 | 74         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

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**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-01 R  
**Client ID:** WELL 2 (420-188704-1)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:35  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 10:53  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | 6.75   |           | ng/l  | 1.82 | 0.569 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | 9.81   |           | ng/l  | 1.82 | 0.449 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 85         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 81         |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 70         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 78         |           | 70-130              |

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**SAMPLE RESULTS**

**Lab ID:** L2101092-02  
**Client ID:** WELL 4 (420-188704-2)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:00  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw  
**Analytical Method:** 120,522  
**Analytical Date:** 01/15/21 16:07  
**Analyst:** PS

**Extraction Method:** EPA 522  
**Extraction Date:** 01/11/21 06:00

| Parameter                              | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|----------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab |        |           |       |       |       |                 |
| 1,4-Dioxane                            | ND     |           | ug/l  | 0.167 | 0.167 | 1               |

| Surrogate      | % Recovery | Qualifier | Acceptance Criteria |
|----------------|------------|-----------|---------------------|
| 1,4-Dioxane-d8 | 72         |           | 70-130              |

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### SAMPLE RESULTS

**Lab ID:** L2101092-02  
**Client ID:** WELL 4 (420-188704-2)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:00  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw  
**Analytical Method:** 133.537.1  
**Analytical Date:** 01/12/21 04:07  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | 7.94   |           | ng/l  | 1.99 | 0.622 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | 3.87   |           | ng/l  | 1.99 | 0.400 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 87         |           | 70-130              |
| Tetrafluoro 2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPD-DA) | 84         |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 70         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 79         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395

**Project Number:** 42002044

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**Lab Number:** L2101092

**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-03

**Client ID:** WELL 5 (420-188704-3)

**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:10

**Date Received:** 01/08/21

**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw

**Analytical Method:** 120,522

**Analytical Date:** 01/18/21 20:57

**Analyst:** PS

**Extraction Method:** EPA 522

**Extraction Date:** 01/11/21 06:00

| Parameter                              | Result     | Qualifier | Units     | RL                  | MDL   | Dilution Factor |
|----------------------------------------|------------|-----------|-----------|---------------------|-------|-----------------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab |            |           |           |                     |       |                 |
| 1,4-Dioxane                            | ND         |           | ug/l      | 0.167               | 0.167 | 1               |
| Surrogate                              | % Recovery |           | Qualifier | Acceptance Criteria |       |                 |
| 1,4-Dioxane-d8                         | 81         |           |           | 70-130              |       |                 |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

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**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-03  
**Client ID:** WELL 5 (420-188704-3)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:10  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw

**Extraction Method:** EPA 537.1

**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 04:15  
**Analyst:** LV

**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | 6.13   |           | ng/l  | 1.85 | 0.576 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | 4.51   |           | ng/l  | 1.85 | 0.454 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 78         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 69         | Q         | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 95         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 92         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395**Lab Number:** L2101092**Project Number:** 42002044**Report Date:** 01/28/21**SAMPLE RESULTS**

Lab ID: L2101092-04  
 Client ID: WELL 6 (420-188704-4)  
 Sample Location: Not Specified

Date Collected: 01/06/21 13:20  
 Date Received: 01/08/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Extraction Method: EPA 522

Analytical Method: 120.522

Extraction Date: 01/11/21 06:00

Analytical Date: 01/18/21 21:21

Analyst: PS

| Parameter                              | Result     | Qualifier | Units     | RL                  | MDL   | Dilution Factor |
|----------------------------------------|------------|-----------|-----------|---------------------|-------|-----------------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab |            |           |           |                     |       |                 |
| 1,4-Dioxane                            | ND         |           | ug/l      | 0.167               | 0.167 | 1               |
| Surrogate                              | % Recovery |           | Qualifier | Acceptance Criteria |       |                 |
| 1,4-Dioxane-d8                         | 77         |           |           | 70-130              |       |                 |

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### SAMPLE RESULTS

**Lab ID:** L2101092-04  
**Client ID:** WELL 6 (420-188704-4)  
**Sample Location:** Not Specified  
**Sample Depth:**  
**Matrix:** Dw  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 04:24  
**Analyst:** LV

**Date Collected:** 01/06/21 13:20  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | 8.12   |           | ng/l  | 1.82 | 0.568 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | 13.5   |           | ng/l  | 1.82 | 0.448 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 88         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 84         |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 75         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 103        |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
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**Report Date:** 01/28/21

**SAMPLE RESULTS**

**Lab ID:** L2101092-05  
**Client ID:** WELL 7 (420-188704-5)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 12:55  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw  
**Analytical Method:** 120,522  
**Analytical Date:** 01/28/21 02:16  
**Analyst:** PS

**Extraction Method:** EPA 522  
**Extraction Date:** 01/27/21 04:00

| Parameter                              | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|----------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab |        |           |       |       |       |                 |
| 1,4-Dioxane                            | ND     |           | ug/l  | 0.167 | 0.167 | 1               |

| Surrogate      | % Recovery | Qualifier | Acceptance Criteria |
|----------------|------------|-----------|---------------------|
| 1,4-Dioxane-d8 | 75         |           | 70-130              |

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Serial\_No:01282110:14  
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**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-05 R  
**Client ID:** WELL 7 (420-188704-5)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 12:55  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Dw  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 11:11  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | 7.98   |           | ng/l  | 1.80 | 0.561 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | 4.06   |           | ng/l  | 1.80 | 0.442 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 87         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 75         |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 72         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 77         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

Serial\_No:01282110:14  
**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-06  
**Client ID:** WELL 2 FIELD BLANK (420-188704-6)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:25  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Field Reagent Blank  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 04:41  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | ND     |           | ng/l  | 1.85 | 0.578 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | ND     |           | ng/l  | 1.85 | 0.455 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 89         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 100        |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 84         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 89         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

**Serial\_No:** 01282110:14  
**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-07  
**Client ID:** WELL 4 FIELD BLANK (420-188704-7)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:00  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Field Reagent Blank  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 04:50  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | ND     |           | ng/l  | 1.79 | 0.558 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | ND     |           | ng/l  | 1.79 | 0.440 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 90         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 102        |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 81         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 90         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
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Serial\_No:01282110:14  
**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-08  
**Client ID:** WELL 5 FIELD BLANK (420-188704-8)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:10  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Field Reagent Blank  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 04:58  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                                             | Result     | Qualifier | Units     | RL                  | MDL   | Dilution Factor |
|-----------------------------------------------------------------------|------------|-----------|-----------|---------------------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab               |            |           |           |                     |       |                 |
| Perfluorooctanoic Acid (PFOA)                                         | ND         |           | ng/l      | 1.89                | 0.591 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                                   | ND         |           | ng/l      | 1.89                | 0.466 | 1               |
| Surrogate                                                             | % Recovery |           | Qualifier | Acceptance Criteria |       |                 |
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 90         |           |           | 70-130              |       |                 |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 100        |           |           | 70-130              |       |                 |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 84         |           |           | 70-130              |       |                 |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEIFOSAA) | 92         |           |           | 70-130              |       |                 |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
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**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-09  
**Client ID:** WELL 6 FIELD BLANK (420-188704-9)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 13:20  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Field Reagent Blank  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 05:07  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | ND     |           | ng/l  | 1.86 | 0.579 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | ND     |           | ng/l  | 1.86 | 0.457 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 85         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 100        |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 78         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 95         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

Serial\_No:01282110:14  
**Lab Number:** L2101092  
**Report Date:** 01/28/21

### SAMPLE RESULTS

**Lab ID:** L2101092-10  
**Client ID:** WELL 7 FIELD BLANK (420-188704-10)  
**Sample Location:** Not Specified

**Date Collected:** 01/06/21 12:55  
**Date Received:** 01/08/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Field Reagent Blank  
**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 05:16  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                               | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|---------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab |        |           |       |      |       |                 |
| Perfluorooctanoic Acid (PFOA)                           | ND     |           | ng/l  | 1.78 | 0.555 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                     | ND     |           | ng/l  | 1.78 | 0.437 | 1               |

| Surrogate                                                             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 83         |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 99         |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 84         |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 92         |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

**Lab Number:** L2101092  
**Report Date:** 01/28/21

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 133,537.1  
**Analytical Date:** 01/12/21 01:48  
**Analyst:** LV

**Extraction Method:** EPA 537.1  
**Extraction Date:** 01/10/21 10:45

| Parameter                                                                                       | Result | Qualifier | Units | RL   | MDL   |
|-------------------------------------------------------------------------------------------------|--------|-----------|-------|------|-------|
| Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab for sample(s): 01-10 Batch: WG1453440-1 |        |           |       |      |       |
| Perfluorooctanoic Acid (PFOA)                                                                   | ND     |           | ng/l  | 2.00 | 0.624 |
| Perfluorooctanesulfonic Acid (PFOS)                                                             | ND     |           | ng/l  | 2.00 | 0.492 |

| Surrogate                                                             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------------------------------------------------------|-----------|-----------|---------------------|
| Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)                       | 95        |           | 70-130              |
| Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA) | 111       |           | 70-130              |
| Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)                        | 93        |           | 70-130              |
| N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) | 106       |           | 70-130              |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

**Lab Number:** L2101092  
**Report Date:** 01/28/21

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 120,522  
**Analytical Date:** 01/15/21 04:04  
**Analyst:** PS

**Extraction Method:** EPA 522  
**Extraction Date:** 01/11/21 06:00

| Parameter                                                                      | Result | Qualifier | Units | RL    | MDL   |
|--------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab for sample(s): 01-04 Batch: WG1453630-1 |        |           |       |       |       |
| 1,4-Dioxane                                                                    | ND     |           | ug/l  | 0.150 | 0.150 |

| Surrogate      | %Recovery | Qualifier | Acceptance<br>Criteria |
|----------------|-----------|-----------|------------------------|
| 1,4-Dioxane-d8 | 77        |           | 70-130                 |

**Project Name:** VRI-LEWISBORO/OAKRIDGE 5918395  
**Project Number:** 42002044

**Lab Number:** L2101092  
**Report Date:** 01/28/21

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 120,522  
**Analytical Date:** 01/27/21 04:39  
**Analyst:** PS

**Extraction Method:** EPA 522  
**Extraction Date:** 01/27/21 04:00

| Parameter                                                                   | Result | Qualifier | Units | RL    | MDL   |
|-----------------------------------------------------------------------------|--------|-----------|-------|-------|-------|
| 1,4 Dioxane by EPA 522 - Mansfield Lab for sample(s): 05 Batch: WG1459016-1 |        |           |       |       |       |
| 1,4-Dioxane                                                                 | ND     |           | ug/l  | 0.150 | 0.150 |

| Surrogate      | %Recovery | Qualifier | Acceptance<br>Criteria |
|----------------|-----------|-----------|------------------------|
| 1,4-Dioxane-d8 | 85        |           | 70-130                 |

### Chain of Custody Record

| Client Information (Sub Contract Lab) |  |  |  | Shipping/Receiving |  | Lab PM                            |  | Carrier Tracking No(s) |  | GOC No                                                                                                                                                                                  |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
|---------------------------------------|--|--|--|--------------------|--|-----------------------------------|--|------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|--|-------------------|--|-----------------------------------|--|----------------------------|--|-------------|--|------------|--|----------|--|----------------------------|--|----------------------------|--|
| Company                               |  |  |  | Company            |  | Blayer, Debra                     |  |                        |  | 420-12774 1                                                                                                                                                                             |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| Address                               |  |  |  | Phone              |  | FAX                               |  |                        |  | Page 1 of 1                                                                                                                                                                             |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| Alpha Analytical                      |  |  |  | Alpha Analytical   |  | dbayer@envirotestlaboratories.com |  |                        |  | 420-188704-1                                                                                                                                                                            |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| City                                  |  |  |  | State              |  | Zip                               |  | Phone                  |  | GTL Job #                                                                                                                                                                               |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| Westborough                           |  |  |  | MA                 |  | 01581                             |  |                        |  | 420-188704-1                                                                                                                                                                            |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| Email                                 |  |  |  | Project #          |  | SSOW#                             |  |                        |  | Preservation Codes:                                                                                                                                                                     |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| VRJ - Lewisboro/Oakridge 5818395 DW   |  |  |  | 42002044           |  |                                   |  |                        |  | A - HCL<br>B - NaOH<br>C - Zn Acetate<br>D - Nitric Acid<br>E - NaHSO4<br>F - MeOH<br>G - Acetic Acid<br>H - Ascorbic Acid<br>I - Ice<br>J - DI Water<br>K - EDTA<br>L - EDA<br>Others: |  |                                   |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  |                            |  |                            |  |
| Sample Identification                 |  |  |  | Client ID (Lab ID) |  | Sample Date                       |  | Sample Time            |  | Sample Type (C=Comp, G=Grab)                                                                                                                                                            |  | Matrix (W=Water, E=Soil, O=Other) |  | Preservation Code |  | Field Filtered Sample (Yes or No) |  | Perform MS/MSD (Yes or No) |  | SUBCONTRACT |  | 14-Dioxane |  | PEA/PCOS |  | Total Number of Containers |  | Special Instructions/Note: |  |
| Well 2 (420-188704-1)                 |  |  |  |                    |  | 1/6/21                            |  | 13:25                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 4                          |  |                            |  |
| Well 4 (420-188704-2)                 |  |  |  |                    |  | 1/6/21                            |  | 13:00                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 4                          |  |                            |  |
| Well 5 (420-188704-3)                 |  |  |  |                    |  | 1/6/21                            |  | 13:10                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 4                          |  |                            |  |
| Well 6 (420-188704-4)                 |  |  |  |                    |  | 1/6/21                            |  | 13:20                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 4                          |  |                            |  |
| Well 7 (420-188704-5)                 |  |  |  |                    |  | 1/6/21                            |  | 12:55                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 4                          |  |                            |  |
| Well 2 Field Blank (420-188704-6)     |  |  |  |                    |  | 1/6/21                            |  | 13:25                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 2                          |  |                            |  |
| Well 4 Field Blank (420-188704-7)     |  |  |  |                    |  | 1/6/21                            |  | 13:00                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 2                          |  |                            |  |
| Well 5 Field Blank (420-188704-8)     |  |  |  |                    |  | 1/6/21                            |  | 13:10                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 2                          |  |                            |  |
| Well 6 Field Blank (420-188704-9)     |  |  |  |                    |  | 1/6/21                            |  | 13:20                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 2                          |  |                            |  |
| Well 7 Field Blank (420-188704-10)    |  |  |  |                    |  | 1/6/21                            |  | 12:55                  |  |                                                                                                                                                                                         |  | Water                             |  |                   |  |                                   |  |                            |  |             |  |            |  |          |  | 2                          |  |                            |  |

**Possible Hazard Identification**

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

Deliverable Requested: I, II, III, IV, Other (specify)

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

☐ Return To Client ☐ Disposal By Lab ☐ Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements

**Empty Kit Relinquished by**

Relinquished by: *Kate Ruby*

Relinquished on: *1/6/21*

Relinquished to: *VRJ*

Relinquished by: *VRJ*

**Custody Seal No**

Custody Seal No: *40 of 40*

### Chain of Custody Record

**EnviroTest  
Laboratories Inc.**

[illegible]