

## LAB CHRONICLE

|                 |                    |                   |                            |
|-----------------|--------------------|-------------------|----------------------------|
| <b>OrderID:</b> | Q2484              | <b>OrderDate:</b> | 7/2/2025 9:23:00 AM        |
| <b>Client:</b>  | CDM Smith          | <b>Project:</b>   | South River WM Replacement |
| <b>Contact:</b> | Marcie Ann Encinas | <b>Location:</b>  | --Select--,A12,VOA Lab     |

| LabID    | ClientID | Matrix | Test                    | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|-------------------------|--------|-------------|-----------|-----------|----------|
| Q2484-01 | TP-58    | SOIL   |                         |        | 07/01/25    |           |           | 07/01/25 |
|          |          |        | Diesel Range Organics   | 8015D  |             | 07/02/25  | 07/03/25  |          |
|          |          |        | Gasoline Range Organics | 8015D  |             |           | 07/03/25  |          |
|          |          |        | Herbicide               | 8151A  |             | 07/02/25  | 07/07/25  |          |
|          |          |        | PCB                     | 8082A  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Pesticide-TCL           | 8081B  |             | 07/02/25  | 07/02/25  |          |
| Q2484-02 | TP-57    | SOIL   |                         |        | 07/01/25    |           |           | 07/01/25 |
|          |          |        | Diesel Range Organics   | 8015D  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Gasoline Range Organics | 8015D  |             |           | 07/03/25  |          |
|          |          |        | Herbicide               | 8151A  |             | 07/02/25  | 07/07/25  |          |
|          |          |        | PCB                     | 8082A  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Pesticide-TCL           | 8081B  |             | 07/02/25  | 07/02/25  |          |
| Q2484-03 | TP-64    | SOIL   |                         |        | 07/01/25    |           |           | 07/01/25 |
|          |          |        | Diesel Range Organics   | 8015D  |             | 07/02/25  | 07/03/25  |          |
|          |          |        | Gasoline Range Organics | 8015D  |             |           | 07/03/25  |          |
|          |          |        | Herbicide               | 8151A  |             | 07/02/25  | 07/10/25  |          |
|          |          |        | PCB                     | 8082A  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Pesticide-TCL           | 8081B  |             | 07/02/25  | 07/02/25  |          |
| Q2484-04 | TP-107   | SOIL   |                         |        | 07/01/25    |           |           | 07/01/25 |
|          |          |        | Diesel Range Organics   | 8015D  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Gasoline Range Organics | 8015D  |             |           | 07/08/25  |          |
|          |          |        | Herbicide               | 8151A  |             | 07/02/25  | 07/07/25  |          |
|          |          |        | PCB                     | 8082A  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Pesticide-TCL           | 8081B  |             | 07/02/25  | 07/02/25  |          |
| Q2484-05 | TP-106   | SOIL   |                         |        | 07/01/25    |           |           | 07/01/25 |
|          |          |        | Diesel Range Organics   | 8015D  |             | 07/02/25  | 07/02/25  |          |
|          |          |        | Gasoline Range Organics | 8015D  |             |           | 07/03/25  |          |

### LAB CHRONICLE

|          |        |      |                         |       |                 |                 |
|----------|--------|------|-------------------------|-------|-----------------|-----------------|
| Q2484-06 | TP-104 | SOIL | Herbicide               | 8151A | 07/02/25        | 07/08/25        |
|          |        |      | PCB                     | 8082A | 07/02/25        | 07/02/25        |
|          |        |      | Pesticide-TCL           | 8081B | 07/02/25        | 07/02/25        |
|          |        |      |                         |       | <b>07/01/25</b> | <b>07/01/25</b> |
|          |        |      | Diesel Range Organics   | 8015D | 07/02/25        | 07/02/25        |
|          |        |      | Gasoline Range Organics | 8015D |                 | 07/03/25        |
|          |        |      | Herbicide               | 8151A | 07/02/25        | 07/08/25        |
|          |        |      | PCB                     | 8082A | 07/02/25        | 07/02/25        |
|          |        |      | Pesticide-TCL           | 8081B | 07/02/25        | 07/02/25        |
|          |        |      |                         |       |                 |                 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

Hit Summary Sheet  
SW-846

|          |           |             |                            |
|----------|-----------|-------------|----------------------------|
| SDG No.: | Q2484     | Order ID:   | Q2484                      |
| Client:  | CDM Smith | Project ID: | South River WM Replacement |

| Sample ID   | Client ID | Matrix | Parameter | Concentration        | C     | MDL | RDL | Units |
|-------------|-----------|--------|-----------|----------------------|-------|-----|-----|-------|
| Client ID : |           |        |           | Total Concentration: | 0.000 |     |     |       |



# SAMPLE DATA

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-58                      | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-01                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 86.2      |
| Sample Wt/Vol:     | 30.02                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030934.D        | 1         | 07/02/25 11:30 | 07/07/25 22:25 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 9.00  | U         | 9.00     | 77.7       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.8  | U         | 14.8     | 77.7       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.5  | U         | 10.5     | 77.7       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.5  | U         | 10.5     | 77.7       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.1  | U         | 10.1     | 77.7       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 28.1  | U         | 28.1     | 77.7       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.5  | U         | 12.5     | 77.7       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 274   |           | 10 - 141 | 55%        | SPK: 500          |

### Comments:

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |          |                    |           |           |
|--------------------|----------------------------|----------|--------------------|-----------|-----------|
| Client:            | CDM Smith                  |          | Date Collected:    | 07/01/25  |           |
| Project:           | South River WM Replacement |          | Date Received:     | 07/01/25  |           |
| Client Sample ID:  | TP-57                      |          | SDG No.:           | Q2484     |           |
| Lab Sample ID:     | Q2484-02                   |          | Matrix:            | SOIL      |           |
| Analytical Method: | 8151A                      |          | % Solid:           | 86        | Decanted: |
| Sample Wt/Vol:     | 30.05                      | Units: g | Final Vol:         | 10000     | uL        |
| Soil Aliquot Vol:  |                            | uL       | Test:              | Herbicide |           |
| Extraction Type:   |                            |          | Injection Volume : |           |           |
| GPC Factor :       | 1.0                        | PH :     |                    |           |           |
| Prep Method :      | 8151A                      |          |                    |           |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030935.D        | 1         | 07/02/25 11:30 | 07/07/25 22:49 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 9.00  | U         | 9.00     | 77.8       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.9  | U         | 14.9     | 77.8       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.5  | U         | 10.5     | 77.8       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.5  | U         | 10.5     | 77.8       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.1  | U         | 10.1     | 77.8       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 28.1  | U         | 28.1     | 77.8       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.5  | U         | 12.5     | 77.8       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 304   |           | 10 - 141 | 61%        | SPK: 500          |

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## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-64                      | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-03                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 88.4      |
| Sample Wt/Vol:     | 30.08                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030988.D        | 1         | 07/02/25 11:30 | 07/10/25 16:06 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.70  | U         | 8.70     | 75.6       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.4  | U         | 14.4     | 75.6       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.2  | U         | 10.2     | 75.6       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.2  | U         | 10.2     | 75.6       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 9.80  | U         | 9.80     | 75.6       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 27.3  | U         | 27.3     | 75.6       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.2  | U         | 12.2     | 75.6       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 96.8  |           | 10 - 141 | 19%        | SPK: 500          |

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## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-107                     | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-04                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 83.8      |
| Sample Wt/Vol:     | 30.04                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030937.D        | 1         | 07/02/25 11:30 | 07/07/25 23:37 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 9.20  | U         | 9.20     | 79.8       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 15.3  | U         | 15.3     | 79.8       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.8  | U         | 10.8     | 79.8       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.8  | U         | 10.8     | 79.8       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.4  | U         | 10.4     | 79.8       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 28.8  | U         | 28.8     | 79.8       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.9  | U         | 12.9     | 79.8       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 437   |           | 10 - 141 | 87%        | SPK: 500          |

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## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-106                     | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-05                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 87.9      |
| Sample Wt/Vol:     | 30.07                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030938.D        | 1         | 07/02/25 11:30 | 07/08/25 00:01 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.80  | U         | 8.80     | 76.0       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.5  | U         | 14.5     | 76.0       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.3  | U         | 10.3     | 76.0       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.3  | U         | 10.3     | 76.0       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 9.90  | U         | 9.90     | 76.0       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 27.5  | U         | 27.5     | 76.0       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.3  | U         | 12.3     | 76.0       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 607   |           | 10 - 141 | 121%       | SPK: 500          |

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## Report of Analysis

|                    |                            |                 |           |
|--------------------|----------------------------|-----------------|-----------|
| Client:            | CDM Smith                  | Date Collected: | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:  | 07/01/25  |
| Client Sample ID:  | TP-104                     | SDG No.:        | Q2484     |
| Lab Sample ID:     | Q2484-06                   | Matrix:         | SOIL      |
| Analytical Method: | 8151A                      | % Solid:        | 87.3      |
| Sample Wt/Vol:     | 30.03                      | Units:          | g         |
| Soil Aliquot Vol:  |                            |                 | uL        |
| Extraction Type:   |                            | Test:           | Herbicide |
| GPC Factor :       | 1.0                        | PH :            |           |
| Prep Method :      | 8151A                      | Decanted:       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030939.D        | 1         | 07/02/25 11:30 | 07/08/25 00:25 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.90  | U         | 8.90     | 76.7       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.6  | U         | 14.6     | 76.7       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.3  | U         | 10.3     | 76.7       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.4  | U         | 10.4     | 76.7       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.0  | U         | 10.0     | 76.7       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 27.7  | U         | 27.7     | 76.7       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.4  | U         | 12.4     | 76.7       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 395   |           | 10 - 141 | 79%        | SPK: 500          |

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# QC SUMMARY

### Surrogate Summary

SDG No.: Q2484

Client: CDM Smith

Analytical Method: 8151A

| Lab Sample ID    | Client ID        | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-----------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |           |        |       |        |             |      | Low       | High |
| I.BLK-PS030738.D | PIBLK-PS030738.D | 2,4-DCAA  | 1      | 500   | 414    | 83          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 487    | 97          |      | 61        | 136  |
| I.BLK-PS030931.D | PIBLK-PS030931.D | 2,4-DCAA  | 1      | 500   | 470    | 94          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 497    | 99          |      | 61        | 136  |
| Q2484-01         | TP-58            | 2,4-DCAA  | 1      | 500   | 263    | 53          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 274    | 55          |      | 10        | 141  |
| Q2484-02         | TP-57            | 2,4-DCAA  | 1      | 500   | 304    | 61          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 285    | 57          |      | 10        | 141  |
| Q2484-04         | TP-107           | 2,4-DCAA  | 1      | 500   | 385    | 77          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 437    | 87          |      | 10        | 141  |
| Q2484-05         | TP-106           | 2,4-DCAA  | 1      | 500   | 514    | 103         |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 607    | 121         |      | 10        | 141  |
| Q2484-06         | TP-104           | 2,4-DCAA  | 1      | 500   | 363    | 73          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 395    | 79          |      | 10        | 141  |
| I.BLK-PS030940.D | PIBLK-PS030940.D | 2,4-DCAA  | 1      | 500   | 472    | 94          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 494    | 99          |      | 61        | 136  |
| I.BLK-PS030943.D | PIBLK-PS030943.D | 2,4-DCAA  | 1      | 500   | 481    | 96          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 497    | 99          |      | 61        | 136  |
| PB168706BL       | PB168706BL       | 2,4-DCAA  | 1      | 500   | 452    | 90          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 489    | 98          |      | 10        | 141  |
| Q2458-01MS       | TP-76MS          | 2,4-DCAA  | 1      | 500   | 341    | 68          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 375    | 75          |      | 10        | 141  |
| Q2458-01MSD      | TP-76MSD         | 2,4-DCAA  | 1      | 500   | 347    | 69          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 378    | 76          |      | 10        | 141  |
| I.BLK-PS030955.D | PIBLK-PS030955.D | 2,4-DCAA  | 1      | 500   | 455    | 91          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 469    | 94          |      | 61        | 136  |
| I.BLK-PS030958.D | PIBLK-PS030958.D | 2,4-DCAA  | 1      | 500   | 456    | 91          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 462    | 92          |      | 61        | 136  |
| PB168706BS       | PB168706BS       | 2,4-DCAA  | 1      | 500   | 538    | 108         |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 503    | 101         |      | 10        | 141  |
| I.BLK-PS030966.D | PIBLK-PS030966.D | 2,4-DCAA  | 1      | 500   | 449    | 90          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 467    | 93          |      | 61        | 136  |
| I.BLK-PS030979.D | PIBLK-PS030979.D | 2,4-DCAA  | 1      | 500   | 474    | 95          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 473    | 95          |      | 61        | 136  |
| Q2484-03         | TP-64            | 2,4-DCAA  | 1      | 500   | 96.8   | 19          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 96.2   | 19          |      | 10        | 141  |
| I.BLK-PS030989.D | PIBLK-PS030989.D | 2,4-DCAA  | 1      | 500   | 476    | 95          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 476    | 95          |      | 61        | 136  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2484</u>     | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PS030949.D</u> |

|                | Parameter                | Spike             | Sample |         | Units | Rec | Rec  |     | RPD  |     | Limits |     | RPD |
|----------------|--------------------------|-------------------|--------|---------|-------|-----|------|-----|------|-----|--------|-----|-----|
|                |                          |                   | Result | Result  |       |     | Qual | RPD | Qual | Low | High   |     |     |
| Lab Sample ID: | Q2458-01MS<br>(Column 1) | Client Sample ID: |        | TP-76MS |       |     |      |     |      |     |        |     |     |
|                | DICAMBA                  | 183.4             | 0      | 86.9    | ug/Kg | 47  |      |     |      |     | 10     | 112 |     |
|                | DICHLORPROP              | 183.4             | 0      | 95.6    | ug/Kg | 52  |      |     |      |     | 10     | 113 |     |
|                | 2,4-D                    | 183.4             | 0      | 138     | ug/Kg | 75  |      |     |      |     | 10     | 144 |     |
|                | 2,4,5-TP(Silvex)         | 183.4             | 0      | 95.3    | ug/Kg | 52  |      |     |      |     | 10     | 114 |     |
|                | 2,4,5-T                  | 183.4             | 0      | 99.8    | ug/Kg | 54  |      |     |      |     | 10     | 115 |     |
|                | 2,4-DB                   | 183.4             | 0      | 97.1    | ug/Kg | 53  |      |     |      |     | 10     | 140 |     |
|                | Dinoseb                  | 183.4             | 0      | 0       | ug/Kg | 0   | *    |     |      |     | 10     | 118 |     |
| Lab Sample ID: | Q2458-01MS<br>(Column 2) | Client Sample ID: |        | TP-76MS |       |     |      |     |      |     |        |     |     |
|                | DICAMBA                  | 183.4             | 0      | 84.8    | ug/Kg | 46  |      |     |      |     | 10     | 112 |     |
|                | DICHLORPROP              | 183.4             | 0      | 103     | ug/Kg | 56  |      |     |      |     | 10     | 113 |     |
|                | 2,4-D                    | 183.4             | 0      | 94.4    | ug/Kg | 51  |      |     |      |     | 10     | 144 |     |
|                | 2,4,5-TP(Silvex)         | 183.4             | 0      | 97.3    | ug/Kg | 53  |      |     |      |     | 10     | 114 |     |
|                | 2,4,5-T                  | 183.4             | 0      | 91.0    | ug/Kg | 50  |      |     |      |     | 10     | 115 |     |
|                | 2,4-DB                   | 183.4             | 0      | 85.1    | ug/Kg | 46  |      |     |      |     | 10     | 140 |     |
|                | Dinoseb                  | 183.4             | 0      | 0       | ug/Kg | 0   | *    |     |      |     | 10     | 118 |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2484</u>     | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PS030950.D</u> |

|                | Parameter                 | Spike             | Sample |          | Units | Rec | Rec Qual | RPD |      | Low | Limits |     |
|----------------|---------------------------|-------------------|--------|----------|-------|-----|----------|-----|------|-----|--------|-----|
|                |                           |                   | Result | Result   |       |     |          | RPD | Qual |     | High   | RPD |
| Lab Sample ID: | Q2458-01MSD<br>(Column 1) | Client Sample ID: |        | TP-76MSD |       |     |          |     |      |     |        |     |
|                | DICAMBA                   | 183.6             | 0      | 88.8     | ug/Kg | 48  |          | 2   |      | 10  | 112    | 20  |
|                | DICHLORPROP               | 183.6             | 0      | 95.0     | ug/Kg | 52  |          | 0   |      | 10  | 113    | 20  |
|                | 2,4-D                     | 183.6             | 0      | 139      | ug/Kg | 76  |          | 1   |      | 10  | 144    | 20  |
|                | 2,4,5-TP(Silvex)          | 183.6             | 0      | 95.9     | ug/Kg | 52  |          | 0   |      | 10  | 114    | 20  |
|                | 2,4,5-T                   | 183.6             | 0      | 101      | ug/Kg | 55  |          | 2   |      | 10  | 115    | 20  |
|                | 2,4-DB                    | 183.6             | 0      | 95.5     | ug/Kg | 52  |          | 2   |      | 10  | 140    | 20  |
|                | Dinoseb                   | 183.6             | 0      | 0        | ug/Kg | 0   | *        | 0   |      | 10  | 118    | 20  |
| Lab Sample ID: | Q2458-01MSD<br>(Column 2) | Client Sample ID: |        | TP-76MSD |       |     |          |     |      |     |        |     |
|                | DICAMBA                   | 183.6             | 0      | 86.3     | ug/Kg | 47  |          | 2   |      | 10  | 112    | 20  |
|                | DICHLORPROP               | 183.6             | 0      | 99.3     | ug/Kg | 54  |          | 4   |      | 10  | 113    | 20  |
|                | 2,4-D                     | 183.6             | 0      | 95.4     | ug/Kg | 52  |          | 2   |      | 10  | 144    | 20  |
|                | 2,4,5-TP(Silvex)          | 183.6             | 0      | 96.8     | ug/Kg | 53  |          | 0   |      | 10  | 114    | 20  |
|                | 2,4,5-T                   | 183.6             | 0      | 90.4     | ug/Kg | 49  |          | 2   |      | 10  | 115    | 20  |
|                | 2,4-DB                    | 183.6             | 0      | 98.8     | ug/Kg | 54  |          | 16  |      | 10  | 140    | 20  |
|                | Dinoseb                   | 183.6             | 0      | 0        | ug/Kg | 0   | *        | 0   |      | 10  | 118    | 20  |

**SW-846**

Datafile : PS030965.D

| Lab Sample ID            | Parameter        | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits |      |
|--------------------------|------------------|-------|--------|-------|-----|-----|------|------|--------|------|
|                          |                  |       |        |       |     |     |      | Qual | Low    | High |
| PB168706BS<br>(Column 1) | DICAMBA          | 166.5 | 171    | ug/Kg | 103 |     |      |      | 72     | 129  |
|                          | DICHLORPROP      | 166.5 | 163    | ug/Kg | 98  |     |      |      | 77     | 135  |
|                          | 2,4-D            | 166.5 | 184    | ug/Kg | 111 |     |      |      | 65     | 144  |
|                          | 2,4,5-TP(Silvex) | 166.5 | 176    | ug/Kg | 106 |     |      |      | 74     | 146  |
|                          | 2,4,5-T          | 166.5 | 183    | ug/Kg | 110 |     |      |      | 77     | 134  |
|                          | 2,4-DB           | 166.5 | 192    | ug/Kg | 115 |     |      |      | 72     | 122  |
|                          | Dinoseb          | 166.5 | 170    | ug/Kg | 102 |     |      |      | 74     | 132  |
| PB168706BS<br>(Column 2) | DICAMBA          | 166.5 | 161    | ug/Kg | 97  |     |      |      | 72     | 129  |
|                          | DICHLORPROP      | 166.5 | 159    | ug/Kg | 95  |     |      |      | 77     | 135  |
|                          | 2,4-D            | 166.5 | 153    | ug/Kg | 92  |     |      |      | 65     | 144  |
|                          | 2,4,5-TP(Silvex) | 166.5 | 167    | ug/Kg | 100 |     |      |      | 74     | 146  |
|                          | 2,4,5-T          | 166.5 | 167    | ug/Kg | 100 |     |      |      | 77     | 134  |
|                          | 2,4-DB           | 166.5 | 161    | ug/Kg | 97  |     |      |      | 72     | 122  |
|                          | Dinoseb          | 166.5 | 155    | ug/Kg | 93  |     |      |      | 74     | 132  |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168706BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Lab Sample ID: PB168706BL

Lab File ID: PS030947.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/02/2025

Date Analyzed (1): 07/08/2025

Date Analyzed (2): 07/08/2025

Time Analyzed (1): 12:19

Time Analyzed (2): 12:19

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| TP-58             | Q2484-01         | PS030934.D     | 07/07/2025         | 07/07/2025         |
| TP-57             | Q2484-02         | PS030935.D     | 07/07/2025         | 07/07/2025         |
| TP-107            | Q2484-04         | PS030937.D     | 07/07/2025         | 07/07/2025         |
| TP-106            | Q2484-05         | PS030938.D     | 07/08/2025         | 07/08/2025         |
| TP-104            | Q2484-06         | PS030939.D     | 07/08/2025         | 07/08/2025         |
| TP-76MS           | Q2458-01MS       | PS030949.D     | 07/08/2025         | 07/08/2025         |
| TP-76MSD          | Q2458-01MSD      | PS030950.D     | 07/08/2025         | 07/08/2025         |
| PB168706BS        | PB168706BS       | PS030965.D     | 07/09/2025         | 07/09/2025         |
| TP-64             | Q2484-03         | PS030988.D     | 07/10/2025         | 07/10/2025         |

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





# QC SAMPLE DATA

## Report of Analysis

|                    |                            |          |                    |           |           |
|--------------------|----------------------------|----------|--------------------|-----------|-----------|
| Client:            | CDM Smith                  |          | Date Collected:    |           |           |
| Project:           | South River WM Replacement |          | Date Received:     |           |           |
| Client Sample ID:  | PB168706BL                 |          | SDG No.:           | Q2484     |           |
| Lab Sample ID:     | PB168706BL                 |          | Matrix:            | SOIL      |           |
| Analytical Method: | 8151A                      |          | % Solid:           | 100       | Decanted: |
| Sample Wt/Vol:     | 30.01                      | Units: g | Final Vol:         | 10000     | uL        |
| Soil Aliquot Vol:  |                            | uL       | Test:              | Herbicide |           |
| Extraction Type:   |                            |          | Injection Volume : |           |           |
| GPC Factor :       | 1.0                        | PH :     |                    |           |           |
| Prep Method :      | 8151A                      |          |                    |           |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030947.D        | 1         | 07/02/25 11:30 | 07/08/25 12:19 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 7.70  | U         | 7.70     | 67.0       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 12.8  | U         | 12.8     | 67.0       | ug/Kg             |
| 94-75-7           | 2,4-D             | 9.00  | U         | 9.00     | 67.0       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 9.10  | U         | 9.10     | 67.0       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 8.70  | U         | 8.70     | 67.0       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 24.2  | U         | 24.2     | 67.0       | ug/Kg             |
| 88-85-7           | DINOSEB           | 10.8  | U         | 10.8     | 67.0       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 489   |           | 10 - 141 | 98%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/18/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/18/25  |
| Client Sample ID:  | PIBLK-PS030738.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030738.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030738.D        | 1         |           | 06/18/25      | PS061825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 487   |           | 61 - 136 | 97%        | SPK: 500 |

### Comments:

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LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/07/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/07/25  |
| Client Sample ID:  | PIBLK-PS030931.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030931.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030931.D        | 1         |           | 07/07/25      | PS070725      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 497   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/08/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/08/25  |
| Client Sample ID:  | PIBLK-PS030940.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030940.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030940.D        | 1         |           | 07/08/25      | PS070725      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 494   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

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P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/08/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/08/25  |
| Client Sample ID:  | PIBLK-PS030943.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030943.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030943.D        | 1         |           | 07/08/25      | PS070825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 497   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/08/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/08/25  |
| Client Sample ID:  | PIBLK-PS030955.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030955.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030955.D        | 1         |           | 07/08/25      | ps070825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 469   |           | 61 - 136 | 94%        | SPK: 500 |

### Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/09/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/09/25  |
| Client Sample ID:  | PIBLK-PS030958.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030958.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030958.D        | 1         |           | 07/09/25      | PS070925      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 462   |           | 61 - 136 | 92%        | SPK: 500 |

### Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/09/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/09/25  |
| Client Sample ID:  | PIBLK-PS030966.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030966.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030966.D        | 1         |           | 07/09/25      | ps070925      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 467   |           | 61 - 136 | 93%        | SPK: 500 |

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B = Analyte Found in Associated Method Blank

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/10/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/10/25  |
| Client Sample ID:  | PIBLK-PS030979.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030979.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030979.D        | 1         |           | 07/10/25      | ps071025      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 474   |           | 61 - 136 | 95%        | SPK: 500 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/10/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/10/25  |
| Client Sample ID:  | PIBLK-PS030989.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030989.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030989.D        | 1         |           | 07/10/25      | ps071025      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 476   |           | 61 - 136 | 95%        | SPK: 500 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    |           |
| Project:           | South River WM Replacement | Date Received:     |           |
| Client Sample ID:  | PB168706BS                 | SDG No.:           | Q2484     |
| Lab Sample ID:     | PB168706BS                 | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 100       |
| Sample Wt/Vol:     | 30.03                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030965.D        | 1         | 07/02/25 11:30 | 07/09/25 14:04 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 171   |           | 7.70     | 66.9       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 163   |           | 12.8     | 66.9       | ug/Kg             |
| 94-75-7           | 2,4-D             | 184   |           | 9.00     | 66.9       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 176   |           | 9.10     | 66.9       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 183   |           | 8.70     | 66.9       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 192   |           | 24.2     | 66.9       | ug/Kg             |
| 88-85-7           | DINOSEB           | 170   |           | 10.8     | 66.9       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 538   |           | 10 - 141 | 108%       | SPK: 500          |

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25  |
| Client Sample ID:  | TP-76MS                    | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2458-01MS                 | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 90.6      |
| Sample Wt/Vol:     | 30.09                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030949.D        | 1         | 07/02/25 11:30 | 07/08/25 13:07 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 86.9  |           | 8.50     | 73.7       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 103   |           | 14.1     | 73.7       | ug/Kg             |
| 94-75-7           | 2,4-D             | 138   |           | 9.90     | 73.7       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 97.3  |           | 10.0     | 73.7       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 99.8  |           | 9.60     | 73.7       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 97.1  |           | 26.6     | 73.7       | ug/Kg             |
| 88-85-7           | DINOSEB           | 11.9  | U         | 11.9     | 73.7       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 375   |           | 10 - 141 | 75%        | SPK: 500          |

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25  |
| Client Sample ID:  | TP-76MSD                   | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2458-01MSD                | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 90.6      |
| Sample Wt/Vol:     | 30.06                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030950.D        | 1         | 07/02/25 11:30 | 07/08/25 13:32 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 88.8  |           | 8.50     | 73.8       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 99.3  |           | 14.1     | 73.8       | ug/Kg             |
| 94-75-7           | 2,4-D             | 139   |           | 10.0     | 73.8       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 96.8  |           | 10.0     | 73.8       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 101   |           | 9.60     | 73.8       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 98.8  |           | 26.7     | 73.8       | ug/Kg             |
| 88-85-7           | DINOSEB           | 11.9  | U         | 11.9     | 73.8       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 378   |           | 10 - 141 | 76%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# CALIBRATION SUMMARY

A  
B  
C  
D  
E  
F  
G  
H

**Calibration Times:**                      11:25                      13:29

|              |          |                   |           |                   |
|--------------|----------|-------------------|-----------|-------------------|
| LAB FILE ID: | RT 200 = | <u>PS030739.D</u> | RT 500 =  | <u>PS030740.D</u> |
|              | RT 750 = | PS030741.D        | RT 1000 = | PS030742.D        |
|              |          |                   | RT 1500 = | PS030743.D        |

[illegible]



A  
B  
C  
D  
E  
F  
G  
H

**Calibration Times:**                      11:25                      13:29

|              |          |                   |           |                   |
|--------------|----------|-------------------|-----------|-------------------|
| LAB FILE ID: | RT 200 = | <u>PS030739.D</u> | RT 500 =  | <u>PS030740.D</u> |
|              | RT 750 = | PS030741.D        | RT 1000 = | PS030742.D        |
|              |          |                   | RT 1500 = | PS030743.D        |

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_S

Contract: CAMP02  
SDG NO.: Q2484

Calibration Date(s): 06/18/2025 06/18/2025  
Calibration Times: 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

|                            |                             |                             |
|----------------------------|-----------------------------|-----------------------------|
| LAB FILE ID:               | CF 200 = <u>PS030739.D</u>  | CF 500 = <u>PS030740.D</u>  |
| CF 750 = <u>PS030741.D</u> | CF 1000 = <u>PS030742.D</u> | CF 1500 = <u>PS030743.D</u> |

| COMPOUND         | CF 200      | CF 500      | CF 750      | CF 1000     | CF 1500     | CF          | %<br>RSD |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| 2,4,5-T          | 17256700000 | 16680000000 | 16830000000 | 16187900000 | 15311000000 | 16453200000 | 5        |
| 2,4,5-TP(Silvex) | 22282500000 | 20395400000 | 19977900000 | 18863900000 | 18632300000 | 20030400000 | 7        |
| 2,4-D            | 3868070000  | 3398090000  | 3305570000  | 3150720000  | 3499600000  | 3444410000  | 8        |
| 2,4-DB           | 2481600000  | 2363020000  | 2407410000  | 2376040000  | 1839440000  | 2293500000  | 11       |
| 2,4-DCAA         | 4451200000  | 3788090000  | 3593380000  | 3449860000  | 3089450000  | 3674390000  | 14       |
| DICAMBA          | 17792700000 | 15914300000 | 15443300000 | 14605900000 | 12319200000 | 15215100000 | 13       |
| DICHLORPROP      | 4637630000  | 3720970000  | 3496760000  | 3281660000  | 3591790000  | 3745760000  | 14       |
| Dinoseb          | 15211800000 | 14001800000 | 13914000000 | 13244000000 | 12994300000 | 13873200000 | 6        |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_S

Contract: CAMP02  
SDG NO.: Q2484

Calibration Date(s): 06/18/2025 06/18/2025  
Calibration Times: 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS030739.D</u> | CF 500 =          | <u>PS030740.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS030741.D</u> | CF 1000 =         | <u>PS030742.D</u> | CF 1500 =         | <u>PS030743.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-T          | 15648900000 | 14018900000       | 13695900000       | 12933300000       | 12026100000       | 13664600000       | 10    |
| 2,4,5-TP(Silvex) | 16493700000 | 14706300000       | 14316500000       | 13463300000       | 13163600000       | 14428700000       | 9     |
| 2,4-D            | 1965540000  | 1671750000        | 1622570000        | 1523690000        | 1713470000        | 1699410000        | 10    |
| 2,4-DB           | 1373320000  | 1199380000        | 1163600000        | 1108750000        | 1069470000        | 1182900000        | 10    |
| 2,4-DCAA         | 1283250000  | 1084080000        | 1050700000        | 993038000         | 948747000         | 1071960000        | 12    |
| DICAMBA          | 7304970000  | 6653080000        | 6566460000        | 6277600000        | 5963960000        | 6553210000        | 8     |
| DICHLORPROP      | 1855180000  | 1562920000        | 1498450000        | 1412800000        | 1533120000        | 1572500000        | 11    |
| Dinoseb          | 12099400000 | 10862400000       | 10728600000       | 10218500000       | 9997410000        | 10781200000       | 8     |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 21:36

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37                  | 11.57 | 0.03       |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 21:36

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.01       |
| 2,4-DB           | 10.92      | 10.93     | 10.83                  | 11.03 | 0.01       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030932.D **Time Analyzed:** 21:36

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.652  | 9.568     | 9.768  | 762.650            | 712.500           | 7.0  |
| 2,4,5-TP(Silvex) | 9.358  | 9.275     | 9.475  | 709.800            | 712.500           | -0.4 |
| 2,4-D            | 8.471  | 8.386     | 8.586  | 683.020            | 705.000           | -3.1 |
| 2,4-DB           | 10.229 | 10.147    | 10.347 | 797.070            | 712.500           | 11.9 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 697.140            | 750.000           | -7.0 |
| DICAMBA          | 7.526  | 7.439     | 7.639  | 684.890            | 705.000           | -2.9 |
| DICHLORPROP      | 8.239  | 8.153     | 8.353  | 641.940            | 705.000           | -8.9 |
| Dinoseb          | 11.444 | 11.366    | 11.566 | 693.310            | 705.000           | -1.7 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030932.D **Time Analyzed:** 21:36

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 10.355 | 10.259    | 10.459 | 688.820            | 712.500           | -3.3 |
| 2,4,5-TP(Silvex) | 9.928  | 9.833     | 10.033 | 680.850            | 712.500           | -4.4 |
| 2,4-D            | 9.024  | 8.927     | 9.127  | 639.250            | 705.000           | -9.3 |
| 2,4-DB           | 10.922 | 10.827    | 11.027 | 673.080            | 712.500           | -5.5 |
| 2,4-DCAA         | 7.766  | 7.670     | 7.870  | 694.830            | 750.000           | -7.4 |
| DICAMBA          | 7.969  | 7.872     | 8.072  | 671.350            | 705.000           | -4.8 |
| DICHLORPROP      | 8.688  | 8.591     | 8.791  | 636.650            | 705.000           | -9.7 |
| Dinoseb          | 11.307 | 11.211    | 11.411 | 651.850            | 705.000           | -7.5 |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 01:38

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| DICAMBA          | 7.53       | 7.54      | 7.44      | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25      | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15      | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39      | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28      | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57      | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15     | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37     | 11.57 | 0.03       |



### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 01:38

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.35      | 10.36     | 10.26                  | 10.46 | 0.01       |
| 2,4-DB           | 10.92      | 10.93     | 10.83                  | 11.03 | 0.01       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030941.D **Time Analyzed:** 01:38

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.651  | 9.568     | 9.768  | 776.510            | 712.500           | 9.0  |
| 2,4,5-TP(Silvex) | 9.357  | 9.275     | 9.475  | 716.040            | 712.500           | 0.5  |
| 2,4-D            | 8.470  | 8.386     | 8.586  | 695.710            | 705.000           | -1.3 |
| 2,4-DB           | 10.227 | 10.147    | 10.347 | 806.190            | 712.500           | 13.1 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 703.920            | 750.000           | -6.1 |
| DICAMBA          | 7.526  | 7.439     | 7.639  | 686.270            | 705.000           | -2.7 |
| DICHLORPROP      | 8.238  | 8.153     | 8.353  | 648.310            | 705.000           | -8.0 |
| Dinoseb          | 11.444 | 11.366    | 11.566 | 685.440            | 705.000           | -2.8 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030941.D **Time Analyzed:** 01:38

| COMPOUND         | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|----------------------|--------|--------------------|-------------------|------|
| 2,4,5-T          | 10.354 | 10.259               | 10.459 | 691.170            | 712.500           | -3.0 |
| 2,4,5-TP(Silvex) | 9.928  | 9.833                | 10.033 | 682.700            | 712.500           | -4.2 |
| 2,4-D            | 9.023  | 8.927                | 9.127  | 645.590            | 705.000           | -8.4 |
| 2,4-DB           | 10.922 | 10.827               | 11.027 | 665.750            | 712.500           | -6.6 |
| 2,4-DCAA         | 7.766  | 7.670                | 7.870  | 692.550            | 750.000           | -7.7 |
| DICAMBA          | 7.969  | 7.872                | 8.072  | 673.190            | 705.000           | -4.5 |
| DICHLORPROP      | 8.688  | 8.591                | 8.791  | 637.580            | 705.000           | -9.6 |
| Dinoseb          | 11.306 | 11.211               | 11.411 | 636.320            | 705.000           | -9.7 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>CAMP02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2484</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/08/2025</u> | <b>Initial Calibration Date(s):</b> | <u>06/18/2025</u> <u>06/18/2025</u> |
| <b>Continuing Calib Time:</b> | <u>09:27</u>      | <b>Initial Calibration Time(s):</b> | <u>11:25</u> <u>13:29</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| DICAMBA          | 7.53       | 7.54      | 7.44      | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25      | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15      | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39      | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28      | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57      | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15     | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37     | 11.57 | 0.03       |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 09:27

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.01       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.35      | 10.36     | 10.26                  | 10.46 | 0.01       |
| 2,4-DB           | 10.92      | 10.93     | 10.83                  | 11.03 | 0.01       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030944.D **Time Analyzed:** 09:27

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.651  | 9.568     | 9.768  | 770.730            | 712.500           | 8.2  |
| 2,4,5-TP(Silvex) | 9.357  | 9.275     | 9.475  | 720.850            | 712.500           | 1.2  |
| 2,4-D            | 8.470  | 8.386     | 8.586  | 697.260            | 705.000           | -1.1 |
| 2,4-DB           | 10.227 | 10.147    | 10.347 | 791.680            | 712.500           | 11.1 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 733.720            | 750.000           | -2.2 |
| DICAMBA          | 7.525  | 7.439     | 7.639  | 690.450            | 705.000           | -2.1 |
| DICHLORPROP      | 8.238  | 8.153     | 8.353  | 650.710            | 705.000           | -7.7 |
| Dinoseb          | 11.444 | 11.366    | 11.566 | 691.050            | 705.000           | -2.0 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030944.D **Time Analyzed:** 09:27

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 10.353 | 10.259    | 10.459 | 690.590            | 712.500           | -3.1 |
| 2,4,5-TP(Silvex) | 9.927  | 9.833     | 10.033 | 686.060            | 712.500           | -3.7 |
| 2,4-D            | 9.022  | 8.927     | 9.127  | 643.990            | 705.000           | -8.7 |
| 2,4-DB           | 10.921 | 10.827    | 11.027 | 675.660            | 712.500           | -5.2 |
| 2,4-DCAA         | 7.765  | 7.670     | 7.870  | 691.710            | 750.000           | -7.8 |
| DICAMBA          | 7.967  | 7.872     | 8.072  | 676.030            | 705.000           | -4.1 |
| DICHLORPROP      | 8.686  | 8.591     | 8.791  | 652.190            | 705.000           | -7.5 |
| Dinoseb          | 11.305 | 11.211    | 11.411 | 642.510            | 705.000           | -8.9 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>CAMP02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2484</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/08/2025</u> | <b>Initial Calibration Date(s):</b> | <u>06/18/2025</u> <u>06/18/2025</u> |
| <b>Continuing Calib Time:</b> | <u>16:05</u>      | <b>Initial Calibration Time(s):</b> | <u>11:25</u> <u>13:29</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| DICAMBA          | 7.53       | 7.54      | 7.44      | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25      | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15      | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39      | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28      | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57      | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15     | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37     | 11.57 | 0.02       |



### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 16:05

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.94       | 9.93      | 9.83                   | 10.03 | -0.01      |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.32      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030956.D **Time Analyzed:** 16:05

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.654  | 9.568     | 9.768  | 763.100            | 712.500           | 7.1  |
| 2,4,5-TP(Silvex) | 9.359  | 9.275     | 9.475  | 711.640            | 712.500           | -0.1 |
| 2,4-D            | 8.473  | 8.386     | 8.586  | 693.790            | 705.000           | -1.6 |
| 2,4-DB           | 10.231 | 10.147    | 10.347 | 786.470            | 712.500           | 10.4 |
| 2,4-DCAA         | 7.338  | 7.249     | 7.449  | 797.680            | 750.000           | 6.4  |
| DICAMBA          | 7.527  | 7.439     | 7.639  | 688.250            | 705.000           | -2.4 |
| DICHLORPROP      | 8.241  | 8.153     | 8.353  | 643.890            | 705.000           | -8.7 |
| Dinoseb          | 11.449 | 11.366    | 11.566 | 696.870            | 705.000           | -1.2 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030956.D **Time Analyzed:** 16:05

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 10.361 | 10.259    | 10.459 | 683.490            | 712.500           | -4.1 |
| 2,4,5-TP(Silvex) | 9.935  | 9.833     | 10.033 | 676.910            | 712.500           | -5.0 |
| 2,4-D            | 9.028  | 8.927     | 9.127  | 670.510            | 705.000           | -4.9 |
| 2,4-DB           | 10.929 | 10.827    | 11.027 | 668.780            | 712.500           | -6.1 |
| 2,4-DCAA         | 7.770  | 7.670     | 7.870  | 683.440            | 750.000           | -8.9 |
| DICAMBA          | 7.973  | 7.872     | 8.072  | 663.860            | 705.000           | -5.8 |
| DICHLORPROP      | 8.693  | 8.591     | 8.791  | 640.710            | 705.000           | -9.1 |
| Dinoseb          | 11.315 | 11.211    | 11.411 | 644.320            | 705.000           | -8.6 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>CAMP02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2484</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/09/2025</u> | <b>Initial Calibration Date(s):</b> | <u>06/18/2025</u> <u>06/18/2025</u> |
| <b>Continuing Calib Time:</b> | <u>11:36</u>      | <b>Initial Calibration Time(s):</b> | <u>11:25</u> <u>13:29</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| DICAMBA          | 7.53       | 7.54      | 7.44      | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25      | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15      | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39      | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28      | 9.48  | 0.02       |
| 2,4,5-T          | 9.66       | 9.67      | 9.57      | 9.77  | 0.01       |
| 2,4-DB           | 10.23      | 10.25     | 10.15     | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37     | 11.57 | 0.02       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>CAMP02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2484</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/09/2025</u> | <b>Initial Calibration Date(s):</b> | <u>06/18/2025</u> <u>06/18/2025</u> |
| <b>Continuing Calib Time:</b> | <u>11:36</u>      | <b>Initial Calibration Time(s):</b> | <u>11:25</u> <u>13:29</u>           |

**GC Column:** RTX-CLP2      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| DICAMBA          | 7.97       | 7.97      | 7.87      | 8.07  | 0.00       |
| 2,4-DCAA         | 7.76       | 7.77      | 7.67      | 7.87  | 0.01       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59      | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93      | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26     | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83     | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21     | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.656  | 9.568     | 9.768  | 725.530            | 712.500           | 1.8  |
| 2,4,5-TP(Silvex) | 9.361  | 9.275     | 9.475  | 678.460            | 712.500           | -4.8 |
| 2,4-D            | 8.474  | 8.386     | 8.586  | 643.260            | 705.000           | -8.8 |
| 2,4-DB           | 10.233 | 10.147    | 10.347 | 758.610            | 712.500           | 6.5  |
| 2,4-DCAA         | 7.338  | 7.249     | 7.449  | 683.770            | 750.000           | -8.8 |
| DICAMBA          | 7.528  | 7.439     | 7.639  | 643.540            | 705.000           | -8.7 |
| DICHLORPROP      | 8.241  | 8.153     | 8.353  | 643.260            | 705.000           | -8.8 |
| Dinoseb          | 11.451 | 11.366    | 11.566 | 661.940            | 705.000           | -6.1 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.357 | 10.259    | 10.459 | 629.350            | 712.500           | -11.7 |
| 2,4,5-TP(Silvex) | 9.931  | 9.833     | 10.033 | 622.060            | 712.500           | -12.7 |
| 2,4-D            | 9.024  | 8.927     | 9.127  | 614.410            | 705.000           | -12.8 |
| 2,4-DB           | 10.925 | 10.827    | 11.027 | 607.740            | 712.500           | -14.7 |
| 2,4-DCAA         | 7.764  | 7.670     | 7.870  | 694.400            | 750.000           | -7.4  |
| DICAMBA          | 7.967  | 7.872     | 8.072  | 602.990            | 705.000           | -14.5 |
| DICHLORPROP      | 8.687  | 8.591     | 8.791  | 588.230            | 705.000           | -16.6 |
| Dinoseb          | 11.311 | 11.211    | 11.411 | 586.380            | 705.000           | -16.8 |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/09/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 14:52

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37                  | 11.57 | 0.02       |



### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/09/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 14:52

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 9.653  | 9.568     | 9.768  | 709.820            | 712.500           | -0.4  |
| 2,4,5-TP(Silvex) | 9.359  | 9.275     | 9.475  | 668.070            | 712.500           | -6.2  |
| 2,4-D            | 8.471  | 8.386     | 8.586  | 643.940            | 705.000           | -8.7  |
| 2,4-DB           | 10.231 | 10.147    | 10.347 | 759.090            | 712.500           | 6.5   |
| 2,4-DCAA         | 7.337  | 7.249     | 7.449  | 668.070            | 750.000           | -10.9 |
| DICAMBA          | 7.526  | 7.439     | 7.639  | 648.820            | 705.000           | -8.0  |
| DICHLORPROP      | 8.240  | 8.153     | 8.353  | 607.260            | 705.000           | -13.9 |
| Dinoseb          | 11.447 | 11.366    | 11.566 | 644.130            | 705.000           | -8.6  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.361 | 10.259    | 10.459 | 635.110            | 712.500           | -10.9 |
| 2,4,5-TP(Silvex) | 9.934  | 9.833     | 10.033 | 629.760            | 712.500           | -11.6 |
| 2,4-D            | 9.028  | 8.927     | 9.127  | 626.500            | 705.000           | -11.1 |
| 2,4-DB           | 10.929 | 10.827    | 11.027 | 617.890            | 712.500           | -13.3 |
| 2,4-DCAA         | 7.769  | 7.670     | 7.870  | 636.310            | 750.000           | -15.2 |
| DICAMBA          | 7.972  | 7.872     | 8.072  | 613.280            | 705.000           | -13.0 |
| DICHLORPROP      | 8.692  | 8.591     | 8.791  | 588.860            | 705.000           | -16.5 |
| Dinoseb          | 11.313 | 11.211    | 11.411 | 588.950            | 705.000           | -16.5 |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 09:48

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37                  | 11.57 | 0.03       |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 09:48

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030980.D **Time Analyzed:** 09:48

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.652  | 9.568     | 9.768  | 767.030            | 712.500           | 7.7  |
| 2,4,5-TP(Silvex) | 9.356  | 9.275     | 9.475  | 706.790            | 712.500           | -0.8 |
| 2,4-D            | 8.470  | 8.386     | 8.586  | 689.810            | 705.000           | -2.2 |
| 2,4-DB           | 10.229 | 10.147    | 10.347 | 835.670            | 712.500           | 17.3 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 701.710            | 750.000           | -6.4 |
| DICAMBA          | 7.525  | 7.439     | 7.639  | 677.750            | 705.000           | -3.9 |
| DICHLORPROP      | 8.238  | 8.153     | 8.353  | 639.810            | 705.000           | -9.2 |
| Dinoseb          | 11.445 | 11.366    | 11.566 | 678.890            | 705.000           | -3.7 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030980.D **Time Analyzed:** 09:48

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.360 | 10.259    | 10.459 | 657.200            | 712.500           | -7.8  |
| 2,4,5-TP(Silvex) | 9.934  | 9.833     | 10.033 | 652.700            | 712.500           | -8.4  |
| 2,4-D            | 9.027  | 8.927     | 9.127  | 643.630            | 705.000           | -8.7  |
| 2,4-DB           | 10.928 | 10.827    | 11.027 | 639.290            | 712.500           | -10.3 |
| 2,4-DCAA         | 7.769  | 7.670     | 7.870  | 654.250            | 750.000           | -12.8 |
| DICAMBA          | 7.972  | 7.872     | 8.072  | 635.160            | 705.000           | -9.9  |
| DICHLORPROP      | 8.691  | 8.591     | 8.791  | 616.740            | 705.000           | -12.5 |
| Dinoseb          | 11.313 | 11.211    | 11.411 | 618.480            | 705.000           | -12.3 |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 16:59

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.52       | 7.54      | 7.44                   | 7.64  | 0.02       |
| 2,4-DCAA         | 7.33       | 7.35      | 7.25                   | 7.45  | 0.02       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.03       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37                  | 11.57 | 0.03       |



### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 16:59

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL08 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030990.D **Time Analyzed:** 16:59

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.650  | 9.568     | 9.768  | 782.090            | 712.500           | 9.8  |
| 2,4,5-TP(Silvex) | 9.355  | 9.275     | 9.475  | 720.380            | 712.500           | 1.1  |
| 2,4-D            | 8.469  | 8.386     | 8.586  | 702.820            | 705.000           | -0.3 |
| 2,4-DB           | 10.227 | 10.147    | 10.347 | 848.520            | 712.500           | 19.1 |
| 2,4-DCAA         | 7.334  | 7.249     | 7.449  | 718.940            | 750.000           | -4.1 |
| DICAMBA          | 7.524  | 7.439     | 7.639  | 694.160            | 705.000           | -1.5 |
| DICHLORPROP      | 8.237  | 8.153     | 8.353  | 649.970            | 705.000           | -7.8 |
| Dinoseb          | 11.443 | 11.366    | 11.566 | 705.470            | 705.000           | 0.1  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL08 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030990.D **Time Analyzed:** 16:59

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.359 | 10.259    | 10.459 | 678.370            | 712.500           | -4.8  |
| 2,4,5-TP(Silvex) | 9.932  | 9.833     | 10.033 | 671.710            | 712.500           | -5.7  |
| 2,4-D            | 9.027  | 8.927     | 9.127  | 622.580            | 705.000           | -11.7 |
| 2,4-DB           | 10.927 | 10.827    | 11.027 | 653.050            | 712.500           | -8.3  |
| 2,4-DCAA         | 7.768  | 7.670     | 7.870  | 672.370            | 750.000           | -10.4 |
| DICAMBA          | 7.971  | 7.872     | 8.072  | 654.990            | 705.000           | -7.1  |
| DICHLORPROP      | 8.691  | 8.591     | 8.791  | 633.040            | 705.000           | -10.2 |
| Dinoseb          | 11.312 | 11.211    | 11.411 | 643.930            | 705.000           | -8.7  |

## Analytical Sequence

|                                            |                             |                                                       |
|--------------------------------------------|-----------------------------|-------------------------------------------------------|
| <b>Client:</b> CDM Smith                   | <b>SDG No.:</b> Q2484       |                                                       |
| <b>Project:</b> South River WM Replacement | <b>Instrument ID:</b> ECD_S |                                                       |
| <b>GC Column:</b> RTX-CLP                  | <b>ID:</b> 0.32 (mm)        | <b>Inst. Calib. Date(s):</b> 06/18/2025    06/18/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID   | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|-------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK        | IBLK             | 06/18/2025       | 11:01            | PS030738.D | 7.35         | 0.00 |
| HSTDICC200  | HSTDICC200       | 06/18/2025       | 11:25            | PS030739.D | 7.35         | 0.00 |
| HSTDICC500  | HSTDICC500       | 06/18/2025       | 11:49            | PS030740.D | 7.35         | 0.00 |
| HSTDICC750  | HSTDICC750       | 06/18/2025       | 12:13            | PS030741.D | 7.35         | 0.00 |
| HSTDICC1000 | HSTDICC1000      | 06/18/2025       | 12:37            | PS030742.D | 7.35         | 0.00 |
| HSTDICC1500 | HSTDICC1500      | 06/18/2025       | 13:29            | PS030743.D | 7.35         | 0.00 |
| IBLK        | IBLK             | 07/07/2025       | 20:48            | PS030931.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/07/2025       | 21:36            | PS030932.D | 7.34         | 0.00 |
| TP-58       | Q2484-01         | 07/07/2025       | 22:25            | PS030934.D | 7.34         | 0.00 |
| TP-57       | Q2484-02         | 07/07/2025       | 22:49            | PS030935.D | 7.34         | 0.00 |
| TP-107      | Q2484-04         | 07/07/2025       | 23:37            | PS030937.D | 7.34         | 0.00 |
| TP-106      | Q2484-05         | 07/08/2025       | 00:01            | PS030938.D | 7.34         | 0.00 |
| TP-104      | Q2484-06         | 07/08/2025       | 00:25            | PS030939.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 00:50            | PS030940.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 01:38            | PS030941.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 08:37            | PS030943.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 09:27            | PS030944.D | 7.34         | 0.00 |
| PB168706BL  | PB168706BL       | 07/08/2025       | 12:19            | PS030947.D | 7.34         | 0.00 |
| TP-76MS     | Q2458-01MS       | 07/08/2025       | 13:07            | PS030949.D | 7.34         | 0.00 |
| TP-76MSD    | Q2458-01MSD      | 07/08/2025       | 13:32            | PS030950.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 15:41            | PS030955.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 16:05            | PS030956.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 09:32            | PS030958.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 11:36            | PS030959.D | 7.34         | 0.00 |
| PB168706BS  | PB168706BS       | 07/09/2025       | 14:04            | PS030965.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 14:28            | PS030966.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 14:52            | PS030967.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 09:24            | PS030979.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 09:48            | PS030980.D | 7.34         | 0.00 |
| TP-64       | Q2484-03         | 07/10/2025       | 16:06            | PS030988.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 16:34            | PS030989.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 16:59            | PS030990.D | 7.33         | 0.00 |

## Analytical Sequence

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Client: CDM Smith                   | SDG No.: Q2484                                                  |
| Project: South River WM Replacement | Instrument ID: ECD_S                                            |
| GC Column: RTX-CLP2                 | ID: 0.32 (mm)    Inst. Calib. Date(s): 06/18/2025    06/18/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID   | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|-------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK        | IBLK             | 06/18/2025       | 11:01            | PS030738.D | 7.77         | 0.00 |
| HSTDICC200  | HSTDICC200       | 06/18/2025       | 11:25            | PS030739.D | 7.77         | 0.00 |
| HSTDICC500  | HSTDICC500       | 06/18/2025       | 11:49            | PS030740.D | 7.77         | 0.00 |
| HSTDICC750  | HSTDICC750       | 06/18/2025       | 12:13            | PS030741.D | 7.77         | 0.00 |
| HSTDICC1000 | HSTDICC1000      | 06/18/2025       | 12:37            | PS030742.D | 7.77         | 0.00 |
| HSTDICC1500 | HSTDICC1500      | 06/18/2025       | 13:29            | PS030743.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/07/2025       | 20:48            | PS030931.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/07/2025       | 21:36            | PS030932.D | 7.77         | 0.00 |
| TP-58       | Q2484-01         | 07/07/2025       | 22:25            | PS030934.D | 7.77         | 0.00 |
| TP-57       | Q2484-02         | 07/07/2025       | 22:49            | PS030935.D | 7.76         | 0.00 |
| TP-107      | Q2484-04         | 07/07/2025       | 23:37            | PS030937.D | 7.77         | 0.00 |
| TP-106      | Q2484-05         | 07/08/2025       | 00:01            | PS030938.D | 7.77         | 0.00 |
| TP-104      | Q2484-06         | 07/08/2025       | 00:25            | PS030939.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 00:50            | PS030940.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 01:38            | PS030941.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 08:37            | PS030943.D | 7.76         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 09:27            | PS030944.D | 7.77         | 0.00 |
| PB168706BL  | PB168706BL       | 07/08/2025       | 12:19            | PS030947.D | 7.77         | 0.00 |
| TP-76MS     | Q2458-01MS       | 07/08/2025       | 13:07            | PS030949.D | 7.77         | 0.00 |
| TP-76MSD    | Q2458-01MSD      | 07/08/2025       | 13:32            | PS030950.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 15:41            | PS030955.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 16:05            | PS030956.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 09:32            | PS030958.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 11:36            | PS030959.D | 7.76         | 0.00 |
| PB168706BS  | PB168706BS       | 07/09/2025       | 14:04            | PS030965.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 14:28            | PS030966.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 14:52            | PS030967.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 09:24            | PS030979.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 09:48            | PS030980.D | 7.77         | 0.00 |
| TP-64       | Q2484-03         | 07/10/2025       | 16:06            | PS030988.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 16:34            | PS030989.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 16:59            | PS030990.D | 7.77         | 0.00 |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB168706BS**

**Lab Name:** Alliance

**Contract:** CAMP02

**Lab Code:** ACE

**SDG NO.:** Q2484

**Lab Sample ID:** PB168706BS

**Date(s) Analyzed:** 07/09/2025 07/09/2025

**Instrument ID (1):** ECD\_S

**Instrument ID (2):** ECD\_S

**GC Column: (1):** RTX-CLP

**ID:** 0.32 (mm)

**GC Column:(2):** RTX-CLP2

**ID:** 0.32 (mm)

| ANALYTE          | COL | RT    | RT WINDOW |       | CONCENTRATION | %RPD |
|------------------|-----|-------|-----------|-------|---------------|------|
|                  |     |       | FROM      | TO    |               |      |
| 2,4,5-T          | 1   | 9.65  | 9.60      | 9.70  | 183           | 9.1  |
|                  | 2   | 10.36 | 10.31     | 10.41 | 167           |      |
| 2,4,5-TP(Silvex) | 1   | 9.36  | 9.31      | 9.41  | 176           | 5.2  |
|                  | 2   | 9.93  | 9.88      | 9.98  | 167           |      |
| 2,4-D            | 1   | 8.47  | 8.42      | 8.52  | 184           | 18.4 |
|                  | 2   | 9.03  | 8.98      | 9.08  | 153           |      |
| 2,4-DB           | 1   | 10.23 | 10.18     | 10.28 | 192           | 17.6 |
|                  | 2   | 10.93 | 10.88     | 10.98 | 161           |      |
| DICHLORPROP      | 1   | 8.24  | 8.19      | 8.29  | 163           | 2.5  |
|                  | 2   | 8.69  | 8.64      | 8.74  | 159           |      |
| Dinoseb          | 1   | 11.45 | 11.40     | 11.50 | 170           | 9.2  |
|                  | 2   | 11.31 | 11.26     | 11.36 | 155           |      |
| DICAMBA          | 1   | 7.53  | 7.48      | 7.58  | 171           | 6    |
|                  | 2   | 7.97  | 7.92      | 8.02  | 161           |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

TP-76MS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Lab Sample ID: Q2458-01MS

Date(s) Analyzed: 07/08/2025 07/08/2025

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

| ANALYTE          | COL | RT    | RT WINDOW |       | CONCENTRATION | %RPD |
|------------------|-----|-------|-----------|-------|---------------|------|
|                  |     |       | FROM      | TO    |               |      |
| DICHLORPROP      | 1   | 8.24  | 8.19      | 8.29  | 95.6          | 7.5  |
|                  | 2   | 8.69  | 8.64      | 8.74  | 103           |      |
| 2,4-D            | 1   | 8.47  | 8.42      | 8.52  | 138           | 37.5 |
|                  | 2   | 9.03  | 8.98      | 9.08  | 94.4          |      |
| 2,4,5-TP(Silvex) | 1   | 9.36  | 9.31      | 9.41  | 95.3          | 2.1  |
|                  | 2   | 9.93  | 9.88      | 9.98  | 97.3          |      |
| 2,4,5-T          | 1   | 9.65  | 9.60      | 9.70  | 99.8          | 9.2  |
|                  | 2   | 10.36 | 10.31     | 10.41 | 91.0          |      |
| 2,4-DB           | 1   | 10.23 | 10.18     | 10.28 | 97.1          | 13.2 |
|                  | 2   | 10.93 | 10.88     | 10.98 | 85.1          |      |
| DICAMBA          | 1   | 7.53  | 7.48      | 7.58  | 86.9          | 2.4  |
|                  | 2   | 7.97  | 7.92      | 8.02  | 84.8          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

TP-76MSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Lab Sample ID: Q2458-01MSD

Date(s) Analyzed: 07/08/2025 07/08/2025

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

| ANALYTE          | COL | RT    | RT WINDOW |       | CONCENTRATION | %RPD |
|------------------|-----|-------|-----------|-------|---------------|------|
|                  |     |       | FROM      | TO    |               |      |
| DICHLORPROP      | 1   | 8.24  | 8.19      | 8.29  | 95.0          | 4.4  |
|                  | 2   | 8.69  | 8.64      | 8.74  | 99.3          |      |
| 2,4-D            | 1   | 8.47  | 8.42      | 8.52  | 139           | 37.2 |
|                  | 2   | 9.03  | 8.98      | 9.08  | 95.4          |      |
| 2,4,5-TP(Silvex) | 1   | 9.36  | 9.31      | 9.41  | 95.9          | 0.9  |
|                  | 2   | 9.94  | 9.89      | 9.99  | 96.8          |      |
| 2,4,5-T          | 1   | 9.66  | 9.61      | 9.71  | 101           | 11.1 |
|                  | 2   | 10.36 | 10.31     | 10.41 | 90.4          |      |
| 2,4-DB           | 1   | 10.23 | 10.18     | 10.28 | 95.5          | 3.4  |
|                  | 2   | 10.93 | 10.88     | 10.98 | 98.8          |      |
| DICAMBA          | 1   | 7.53  | 7.48      | 7.58  | 88.8          | 2.9  |
|                  | 2   | 7.97  | 7.92      | 8.02  | 86.3          |      |