

## LAB CHRONICLE

|                 |                      |                   |                                       |
|-----------------|----------------------|-------------------|---------------------------------------|
| <b>OrderID:</b> | Q1215                | <b>OrderDate:</b> | 1/29/2025 11:20:00 AM                 |
| <b>Client:</b>  | RU2 Engineering, LLC | <b>Project:</b>   | NYCDDC SANTWOBR Brooklyn Bridge BBMCR |
| <b>Contact:</b> | Rutu Manani          | <b>Location:</b>  | E11,VOA Ref. #2 Soil                  |

| LabID    | ClientID        | Matrix | Test                    | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------------|--------|-------------------------|--------|-------------|-----------|-----------|----------|
| Q1215-01 | JPP-29.1-012825 | SOIL   | Diesel Range Organics   | 8015D  | 01/28/25    | 01/30/25  | 01/30/25  | 01/29/25 |
|          |                 |        | Gasoline Range Organics | 8015D  |             |           | 01/30/25  |          |
| Q1215-03 | JPP-29.1-012825 | SOIL   | PCB                     | 8082A  | 01/28/25    | 01/30/25  | 01/30/25  | 01/29/25 |
|          |                 |        | Pesticide-TCL           | 8081B  |             |           | 02/01/25  |          |
| Q1215-04 | JPP-29.1-012825 | TCLP   | TCLP Herbicide          | 8151A  | 01/28/25    | 01/31/25  | 01/31/25  | 01/29/25 |
| Q1215-05 | JPP-29.2-012825 | SOIL   | Diesel Range Organics   | 8015D  | 01/28/25    | 01/30/25  | 01/30/25  | 01/29/25 |
|          |                 |        | Gasoline Range Organics | 8015D  |             |           | 01/30/25  |          |
| Q1215-07 | JPP-29.2-012825 | SOIL   | PCB                     | 8082A  | 01/28/25    | 01/30/25  | 01/30/25  | 01/29/25 |
|          |                 |        | Pesticide-TCL           | 8081B  |             |           | 01/30/25  |          |
| Q1215-08 | JPP-29.2-012825 | TCLP   | TCLP Herbicide          | 8151A  | 01/28/25    | 01/31/25  | 02/01/25  | 01/29/25 |



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

Hit Summary Sheet  
SW-846

SDG No.: Q1215

Order ID: Q1215

Client: RU2 Engineering, LLC

Project ID: NYCDDC SANTWOBR Brooklyn Bri

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



# SAMPLE DATA

## Report of Analysis

|                    |                                       |                    |                |
|--------------------|---------------------------------------|--------------------|----------------|
| Client:            | RU2 Engineering, LLC                  | Date Collected:    |                |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/31/25       |
| Client Sample ID:  | PB166356TB                            | SDG No.:           | Q1215          |
| Lab Sample ID:     | PB166356TB                            | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0 Decanted:    |
| Sample Wt/Vol:     | 100 Units: mL                         | Final Vol:         | 10000 uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | TCLP 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 |
| PS029024.D        | 1         | 01/31/25 10:55 | 01/31/25 23:32 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 20.0  | U         | 4.90     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 20.0  | U         | 4.50     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 467   |           | 39 - 175 | 93%        | 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:            | RU2 Engineering, LLC                  | Date Collected:    | 01/28/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/29/25       |
| Client Sample ID:  | JPP-29.1-012825                       | SDG No.:           | Q1215          |
| Lab Sample ID:     | Q1215-04                              | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                   | Units:             | mL             |
| Soil Aliquot Vol:  |                                       |                    | uL             |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | PH :               |                |
| Prep Method :      | 8151A                                 | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS029025.D        | 1         | 01/31/25 10:55 | 01/31/25 23:56 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 20.0  | U         | 4.90     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 20.0  | U         | 4.50     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 546   |           | 39 - 175 | 109%       | SPK: 500 |

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## Report of Analysis

|                    |                                       |                    |                |
|--------------------|---------------------------------------|--------------------|----------------|
| Client:            | RU2 Engineering, LLC                  | Date Collected:    | 01/28/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/29/25       |
| Client Sample ID:  | JPP-29.2-012825                       | SDG No.:           | Q1215          |
| Lab Sample ID:     | Q1215-08                              | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                   | Units:             | mL             |
| Soil Aliquot Vol:  |                                       |                    | uL             |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | PH :               |                |
| Prep Method :      | 8151A                                 | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS029028.D        | 1         | 01/31/25 10:55 | 02/01/25 01:08 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 20.0  | U         | 4.90     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 20.0  | U         | 4.50     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 546   |           | 39 - 175 | 109%       | SPK: 500 |

### Comments:

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# QC SUMMARY

### Surrogate Summary

SDG No.: Q1215

Client: RU2 Engineering, LLC

Analytical Method: 8151A

| Lab Sample ID    | Client ID          | Parameter | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|--------------------|-----------|--------|-------|--------|-----|------|--------|------|
|                  |                    |           |        |       |        |     |      | Low    | High |
| I.BLK-PS028900.D | PIBLK-PS028900.D   | 2,4-DCAA  | 1      | 500   | 474    | 95  |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 492    | 98  |      | 39     | 175  |
| I.BLK-PS029019.D | PIBLK-PS029019.D   | 2,4-DCAA  | 1      | 500   | 581    | 116 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 551    | 110 |      | 39     | 175  |
| PB166428BL       | PB166428BL         | 2,4-DCAA  | 1      | 500   | 477    | 95  |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 427    | 85  |      | 39     | 175  |
| PB166428BS       | PB166428BS         | 2,4-DCAA  | 1      | 500   | 543    | 109 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 489    | 98  |      | 39     | 175  |
| PB166356TB       | PB166356TB         | 2,4-DCAA  | 1      | 500   | 467    | 93  |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 326    | 65  |      | 39     | 175  |
| Q1215-04         | JPP-29.1-012825    | 2,4-DCAA  | 1      | 500   | 546    | 109 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 346    | 69  |      | 39     | 175  |
| Q1215-04MS       | JPP-29.1-012825MS  | 2,4-DCAA  | 1      | 500   | 591    | 118 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 363    | 73  |      | 39     | 175  |
| Q1215-04MSD      | JPP-29.1-012825MSD | 2,4-DCAA  | 1      | 500   | 592    | 118 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 364    | 73  |      | 39     | 175  |
| Q1215-08         | JPP-29.2-012825    | 2,4-DCAA  | 1      | 500   | 546    | 109 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 366    | 73  |      | 39     | 175  |
| I.BLK-PS029031.D | PIBLK-PS029031.D   | 2,4-DCAA  | 1      | 500   | 584    | 117 |      | 39     | 175  |
|                  |                    | 2,4-DCAA  | 2      | 500   | 554    | 111 |      | 39     | 175  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1215

Client: RU2 Engineering, LLC

Analytical Method: 8151A

DataFile : PS029026.D

| Lab Sample ID:    | Parameter         | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-------------------|-------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID: | JPP-29.1-012825MS |       |                  |        |       |     |             |     |             |     |                |     |
| Q1215-04MS        | 2,4-D             | 50    | 0                | 52.4   | ug/L  | 105 |             |     |             | 65  | 135            |     |
|                   | 2,4,5-TP(Silvex)  | 50    | 0                | 63.5   | ug/L  | 127 |             |     |             | 62  | 139            |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1215

Client: RU2 Engineering, LLC

Analytical Method: 8151A

DataFile : PS029027.D

| Lab Sample ID:    | Parameter          | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-------------------|--------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID: | JPP-29.1-012825MSD |       |                  |        |       |     |             |     |             |     |                |     |
| Q1215-04MSD       | 2,4-D              | 50    | 0                | 52.5   | ug/L  | 105 |             | 0   |             | 65  | 135            | 20  |
|                   | 2,4,5-TP(Silvex)   | 50    | 0                | 63.8   | ug/L  | 128 |             | 1   |             | 62  | 139            | 20  |



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1215

Client: RU2 Engineering, LLC

Analytical Method: 8151A Datafile : PS029023.D

| Lab Sample ID | Parameter        | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                  |       |        |       |     |     |      | Qual | Low    | High |     |
| PB166428BS    | 2,4-D            | 5     | 5.20   | ug/L  | 104 |     |      |      | 83     | 130  |     |
|               | 2,4,5-TP(Silvex) | 5     | 5.30   | ug/L  | 106 |     |      |      | 78     | 127  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166428BL

Lab Name: CHEMTECH

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215

SAS No.: Q1215 SDG NO.: Q1215

Lab Sample ID: PB166428BL

Lab File ID: PS029022.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 01/31/2025

Date Analyzed (1): 01/31/2025

Date Analyzed (2): 01/31/2025

Time Analyzed (1): 22:44

Time Analyzed (2): 22:44

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 |
|--------------------|------------------|----------------|--------------------|--------------------|
| PB166428BS         | PB166428BS       | PS029023.D     | 01/31/2025         | 01/31/2025         |
| PB166356TB         | PB166356TB       | PS029024.D     | 01/31/2025         | 01/31/2025         |
| JPP-29.1-012825    | Q1215-04         | PS029025.D     | 01/31/2025         | 01/31/2025         |
| JPP-29.1-012825MS  | Q1215-04MS       | PS029026.D     | 02/01/2025         | 02/01/2025         |
| JPP-29.1-012825MSD | Q1215-04MSD      | PS029027.D     | 02/01/2025         | 02/01/2025         |
| JPP-29.2-012825    | Q1215-08         | PS029028.D     | 02/01/2025         | 02/01/2025         |

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



# QC SAMPLE DATA

## Report of Analysis

|                    |                                       |                    |                |
|--------------------|---------------------------------------|--------------------|----------------|
| Client:            | RU2 Engineering, LLC                  | Date Collected:    |                |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     |                |
| Client Sample ID:  | PB166428BL                            | SDG No.:           | Q1215          |
| Lab Sample ID:     | PB166428BL                            | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL                        | Decanted:          |                |
| Soil Aliquot Vol:  | uL                                    | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | Injection Volume : |                |
| Prep Method :      | SW3510C                               |                    |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS029022.D        | 1         | 01/31/25 10:55 | 01/31/25 22:44 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.49     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.45     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 477   |           | 39 - 175 | 95%        | SPK: 500 |

### Comments:

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|                    |                                       |                    |                |
|--------------------|---------------------------------------|--------------------|----------------|
| Client:            | RU2 Engineering, LLC                  | Date Collected:    | 01/14/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/14/25       |
| Client Sample ID:  | PIBLK-PS028900.D                      | SDG No.:           | Q1215          |
| Lab Sample ID:     | I.BLK-PS028900.D                      | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL                        | Decanted:          |                |
| Soil Aliquot Vol:  | uL                                    | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | Injection Volume : |                |
| PH :               |                                       |                    |                |
| Prep Method :      | SW3510C                               |                    |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS028900.D        | 1         |           | 01/14/25      | PS011425      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.49     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.45     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 492   |           | 39 - 175 | 98%        | SPK: 500 |

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|--------------------|---------------------------------------|--------------------|----------------|
| Client:            | RU2 Engineering, LLC                  | Date Collected:    | 01/31/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/31/25       |
| Client Sample ID:  | PIBLK-PS029019.D                      | SDG No.:           | Q1215          |
| Lab Sample ID:     | I.BLK-PS029019.D                      | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL                        | Decanted:          |                |
| Soil Aliquot Vol:  | uL                                    | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | Injection Volume : |                |
| Prep Method :      | SW3510C                               |                    |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS029019.D        | 1         |           | 01/31/25      | PS013125      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.49     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.45     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 581   |           | 39 - 175 | 116%       | SPK: 500 |

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|                    |                                       |                    |                |
|--------------------|---------------------------------------|--------------------|----------------|
| Client:            | RU2 Engineering, LLC                  | Date Collected:    | 02/01/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 02/01/25       |
| Client Sample ID:  | PIBLK-PS029031.D                      | SDG No.:           | Q1215          |
| Lab Sample ID:     | I.BLK-PS029031.D                      | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL                        | Decanted:          |                |
| Soil Aliquot Vol:  | uL                                    | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | Injection Volume : |                |
| PH :               |                                       |                    |                |
| Prep Method :      | SW3510C                               |                    |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS029031.D        | 1         |           | 02/01/25      | PS013125      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.49     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.45     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 584   |           | 39 - 175 | 117%       | 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:            | RU2 Engineering, LLC                  | Date Collected:    |                |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     |                |
| Client Sample ID:  | PB166428BS                            | SDG No.:           | Q1215          |
| Lab Sample ID:     | PB166428BS                            | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL                        | Decanted:          |                |
| Soil Aliquot Vol:  | uL                                    | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | Injection Volume : |                |
| PH :               |                                       |                    |                |
| Prep Method :      | SW3510C                               |                    |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS029023.D        | 1         | 01/31/25 10:55 | 01/31/25 23:08 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 5.20  |           | 0.49     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 5.30  |           | 0.45     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 543   |           | 39 - 175 | 109%       | 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:            | RU2 Engineering, LLC                  | Date Collected:    | 01/28/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/29/25       |
| Client Sample ID:  | JPP-29.1-012825MS                     | SDG No.:           | Q1215          |
| Lab Sample ID:     | Q1215-04MS                            | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                   | Units:             | mL             |
| Soil Aliquot Vol:  |                                       |                    | uL             |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | PH :               |                |
| Prep Method :      | SW3510C                               | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS029026.D        | 1         | 01/31/25 10:55 | 02/01/25 00:20 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 52.4  |           | 4.90     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 63.5  |           | 4.50     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 591   |           | 39 - 175 | 118%       | 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:            | RU2 Engineering, LLC                  | Date Collected:    | 01/28/25       |
| Project:           | NYCDDC SANTWOBR Brooklyn Bridge BBMCR | Date Received:     | 01/29/25       |
| Client Sample ID:  | JPP-29.1-012825MSD                    | SDG No.:           | Q1215          |
| Lab Sample ID:     | Q1215-04MSD                           | Matrix:            | TCLP           |
| Analytical Method: | SW8151A                               | % Solid:           | 0              |
| Sample Wt/Vol:     | 100 Units: mL                         | Decanted:          |                |
| Soil Aliquot Vol:  | uL                                    | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | Injection Volume : |                |
| PH :               |                                       |                    |                |
| Prep Method :      | SW3510C                               |                    |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS029027.D        | 1         | 01/31/25 10:55 | 02/01/25 00:44 | PB166428      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 52.5  |           | 4.90     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 63.8  |           | 4.50     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 592   |           | 39 - 175 | 118%       | 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

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

[illegible]

A  
B  
C  
D  
E  
F  
G  
H

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

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** RUTW01

**Lab Code:** CHEM **Case No.:** Q1215 **SAS No.:** Q1215 **SDG NO.:** Q1215

**Instrument ID:** ECD\_S **Calibration Date(s):** 01/14/2025 01/14/2025  
**Calibration Times:** 10:31 12:07

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

| <b>LAB FILE ID:</b>        |             | CF 200 = <u>PS028901.D</u>  | CF 500 = <u>PS028902.D</u>  |             |             |             |       |
|----------------------------|-------------|-----------------------------|-----------------------------|-------------|-------------|-------------|-------|
| CF 750 = <u>PS028903.D</u> |             | CF 1000 = <u>PS028904.D</u> | CF 1500 = <u>PS028905.D</u> |             |             |             |       |
| COMPOUND                   | CF 200      | CF 500                      | CF 750                      | CF 1000     | CF 1500     | CF          | % RSD |
| 2,4,5-TP(Silvex)           | 21246200000 | 19217800000                 | 18444300000                 | 17622300000 | 16707400000 | 18647600000 | 9     |
| 2,4-D                      | 3794730000  | 3389210000                  | 3238030000                  | 3095840000  | 2967500000  | 3297060000  | 10    |
| 2,4-DCAA                   | 3179220000  | 2766210000                  | 2659700000                  | 2530920000  | 2413760000  | 2709960000  | 11    |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** RUTW01

**Lab Code:** CHEM **Case No.:** Q1215 **SAS No.:** Q1215 **SDG NO.:** Q1215

**Instrument ID:** ECD\_S **Calibration Date(s):** 01/14/2025 01/14/2025  
**Calibration Times:** 10:31 12:07

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

| <b>LAB FILE ID:</b>        |            | CF 200 = <u>PS028901.D</u>  | CF 500 = <u>PS028902.D</u>  |            |            |            |       |
|----------------------------|------------|-----------------------------|-----------------------------|------------|------------|------------|-------|
| CF 750 = <u>PS028903.D</u> |            | CF 1000 = <u>PS028904.D</u> | CF 1500 = <u>PS028905.D</u> |            |            |            |       |
| COMPOUND                   | CF 200     | CF 500                      | CF 750                      | CF 1000    | CF 1500    | CF         | % RSD |
| 2,4,5-TP(Silvex)           | 9615710000 | 9419870000                  | 9409010000                  | 9233020000 | 9015720000 | 9338670000 | 2     |
| 2,4-D                      | 1602310000 | 1486700000                  | 1468930000                  | 1440130000 | 1429250000 | 1485460000 | 5     |
| 2,4-DCAA                   | 1189550000 | 1103610000                  | 1095350000                  | 1074740000 | 1070080000 | 1106670000 | 4     |

### CALIBRATION VERIFICATION SUMMARY

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

Continuing Calib Date: 01/31/2025 Initial Calibration Date(s): 01/14/2025 01/14/2025

Continuing Calib Time: 21:08 Initial Calibration Time(s): 10:31 12:07

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

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.20       | 7.20      | 7.10      | 7.30 | 0.00       |
| 2,4-D            | 8.31       | 8.32      | 8.22      | 8.42 | 0.01       |
| 2,4,5-TP(Silvex) | 9.18       | 9.19      | 9.09      | 9.29 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Contract:** RUTW01

**Lab Code:** CHEM      **Case No.:** Q1215      **SAS No.:** Q1215      **SDG NO.:** Q1215

**Continuing Calib Date:** 01/31/2025      **Initial Calibration Date(s):** 01/14/2025      01/14/2025

**Continuing Calib Time:** 21:08      **Initial Calibration Time(s):** 10:31      12:07

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

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.67       | 7.68      | 7.58      | 7.78 | 0.01       |
| 2,4-D            | 8.91       | 8.91      | 8.81      | 9.01 | 0.00       |
| 2,4,5-TP(Silvex) | 9.81       | 9.81      | 9.71      | 9.91 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 01/14/2025 01/14/2025

Client Sample No.: CCAL01 Date Analyzed: 01/31/2025

Lab Sample No.: HSTDCCC750 Data File : PS029020.D Time Analyzed: 21:08

| COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|-----------|-------|--------------------|-------------------|------|
|                  |       | FROM      | TO    |                    |                   |      |
| 2,4,5-TP(Silvex) | 9.184 | 9.089     | 9.289 | 724.050            | 712.500           | 1.6  |
| 2,4-D            | 8.312 | 8.216     | 8.416 | 712.460            | 705.000           | 1.1  |
| 2,4-DCAA         | 7.195 | 7.097     | 7.297 | 747.480            | 750.000           | -0.3 |

### CALIBRATION VERIFICATION SUMMARY

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/14/2025 01/14/2025

Client Sample No.: CCAL01 Date Analyzed: 01/31/2025

Lab Sample No.: HSTDCCC750 Data File : PS029020.D Time Analyzed: 21:08

| COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|-----------|-------|--------------------|-------------------|------|
|                  |       | FROM      | TO    |                    |                   |      |
| 2,4,5-TP(Silvex) | 9.806 | 9.713     | 9.913 | 721.210            | 712.500           | 1.2  |
| 2,4-D            | 8.907 | 8.813     | 9.013 | 668.490            | 705.000           | -5.2 |
| 2,4-DCAA         | 7.672 | 7.577     | 7.777 | 698.680            | 750.000           | -6.8 |

### CALIBRATION VERIFICATION SUMMARY

**Contract:** RUTW01

**Lab Code:** CHEM      **Case No.:** Q1215      **SAS No.:** Q1215      **SDG NO.:** Q1215

**Continuing Calib Date:** 02/01/2025      **Initial Calibration Date(s):** 01/14/2025      01/14/2025

**Continuing Calib Time:** 02:44      **Initial Calibration Time(s):** 10:31      12:07

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

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| 2,4-D            | 8.31       | 8.32      | 8.22      | 8.42 | 0.01       |
| 2,4,5-TP(Silvex) | 9.18       | 9.19      | 9.09      | 9.29 | 0.01       |

**CALIBRATION VERIFICATION SUMMARY**

**Contract:** RUTW01

**Lab Code:** CHEM      **Case No.:** Q1215      **SAS No.:** Q1215      **SDG NO.:** Q1215

**Continuing Calib Date:** 02/01/2025      **Initial Calibration Date(s):** 01/14/2025      01/14/2025

**Continuing Calib Time:** 02:44      **Initial Calibration Time(s):** 10:31      12:07

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

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.67       | 7.68      | 7.58      | 7.78 | 0.01       |
| 2,4-D            | 8.91       | 8.91      | 8.81      | 9.01 | 0.01       |
| 2,4,5-TP(Silvex) | 9.81       | 9.81      | 9.71      | 9.91 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 01/14/2025 01/14/2025

Client Sample No.: CCAL02 Date Analyzed: 02/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS029032.D Time Analyzed: 02:44

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D  |
|------------------|-------|----------------------|-------|--------------------|-------------------|-----|
| 2,4,5-TP(Silvex) | 9.184 | 9.089                | 9.289 | 733.590            | 712.500           | 3.0 |
| 2,4-D            | 8.311 | 8.216                | 8.416 | 716.460            | 705.000           | 1.6 |
| 2,4-DCAA         | 7.194 | 7.097                | 7.297 | 756.460            | 750.000           | 0.9 |

### CALIBRATION VERIFICATION SUMMARY

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/14/2025 01/14/2025

Client Sample No.: CCAL02 Date Analyzed: 02/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS029032.D Time Analyzed: 02:44

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|----------------------|-------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.805 | 9.713                | 9.913 | 726.680            | 712.500           | 2.0  |
| 2,4-D            | 8.905 | 8.813                | 9.013 | 678.220            | 705.000           | -3.8 |
| 2,4-DCAA         | 7.671 | 7.577                | 7.777 | 701.780            | 750.000           | -6.4 |

## Analytical Sequence

|                                                    |                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------|
| <b>Client:</b> RU2 Engineering, LLC                | <b>SDG No.:</b> Q1215                                                        |
| <b>Project:</b> NYCDDC SANTWOBR Brooklyn Bridge BI | <b>Instrument ID:</b> ECD_S                                                  |
| <b>GC Column:</b> RTX-CLP                          | <b>ID:</b> 0.32 (mm) <b>Inst. Calib. Date(s):</b> 01/14/2025      01/14/2025 |

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

| EPA<br>SAMPLE NO.  | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|--------------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK               | IBLK             | 01/14/2025       | 10:07            | PS028900.D | 7.20         | 0.00 |
| HSTDICC200         | HSTDICC200       | 01/14/2025       | 10:31            | PS028901.D | 7.20         | 0.00 |
| HSTDICC500         | HSTDICC500       | 01/14/2025       | 10:55            | PS028902.D | 7.20         | 0.00 |
| HSTDICC750         | HSTDICC750       | 01/14/2025       | 11:19            | PS028903.D | 7.20         | 0.00 |
| HSTDICC1000        | HSTDICC1000      | 01/14/2025       | 11:43            | PS028904.D | 7.20         | 0.00 |
| HSTDICC1500        | HSTDICC1500      | 01/14/2025       | 12:07            | PS028905.D | 7.20         | 0.00 |
| IBLK               | IBLK             | 01/31/2025       | 20:44            | PS029019.D | 7.20         | 0.00 |
| HSTDCCC750         | HSTDCCC750       | 01/31/2025       | 21:08            | PS029020.D | 7.20         | 0.00 |
| PB166428BL         | PB166428BL       | 01/31/2025       | 22:44            | PS029022.D | 7.19         | 0.00 |
| PB166428BS         | PB166428BS       | 01/31/2025       | 23:08            | PS029023.D | 7.20         | 0.00 |
| PB166356TB         | PB166356TB       | 01/31/2025       | 23:32            | PS029024.D | 7.20         | 0.00 |
| JPP-29.1-012825    | Q1215-04         | 01/31/2025       | 23:56            | PS029025.D | 7.20         | 0.00 |
| JPP-29.1-012825MS  | Q1215-04MS       | 02/01/2025       | 00:20            | PS029026.D | 7.20         | 0.00 |
| JPP-29.1-012825MSD | Q1215-04MSD      | 02/01/2025       | 00:44            | PS029027.D | 7.20         | 0.00 |
| JPP-29.2-012825    | Q1215-08         | 02/01/2025       | 01:08            | PS029028.D | 7.20         | 0.00 |
| IBLK               | IBLK             | 02/01/2025       | 02:20            | PS029031.D | 7.20         | 0.00 |
| HSTDCCC750         | HSTDCCC750       | 02/01/2025       | 02:44            | PS029032.D | 7.19         | 0.00 |

## Analytical Sequence

|                                                    |                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------|
| <b>Client:</b> RU2 Engineering, LLC                | <b>SDG No.:</b> Q1215                                                        |
| <b>Project:</b> NYCDDC SANTWOBR Brooklyn Bridge BI | <b>Instrument ID:</b> ECD_S                                                  |
| <b>GC Column:</b> RTX-CLP2                         | <b>ID:</b> 0.32 (mm) <b>Inst. Calib. Date(s):</b> 01/14/2025      01/14/2025 |

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

| EPA<br>SAMPLE NO.  | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|--------------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK               | IBLK             | 01/14/2025       | 10:07            | PS028900.D | 7.68         | 0.00 |
| HSTDICC200         | HSTDICC200       | 01/14/2025       | 10:31            | PS028901.D | 7.68         | 0.00 |
| HSTDICC500         | HSTDICC500       | 01/14/2025       | 10:55            | PS028902.D | 7.68         | 0.00 |
| HSTDICC750         | HSTDICC750       | 01/14/2025       | 11:19            | PS028903.D | 7.68         | 0.00 |
| HSTDICC1000        | HSTDICC1000      | 01/14/2025       | 11:43            | PS028904.D | 7.68         | 0.00 |
| HSTDICC1500        | HSTDICC1500      | 01/14/2025       | 12:07            | PS028905.D | 7.68         | 0.00 |
| IBLK               | IBLK             | 01/31/2025       | 20:44            | PS029019.D | 7.67         | 0.00 |
| HSTDCCC750         | HSTDCCC750       | 01/31/2025       | 21:08            | PS029020.D | 7.67         | 0.00 |
| PB166428BL         | PB166428BL       | 01/31/2025       | 22:44            | PS029022.D | 7.67         | 0.00 |
| PB166428BS         | PB166428BS       | 01/31/2025       | 23:08            | PS029023.D | 7.67         | 0.00 |
| PB166356TB         | PB166356TB       | 01/31/2025       | 23:32            | PS029024.D | 7.67         | 0.00 |
| JPP-29.1-012825    | Q1215-04         | 01/31/2025       | 23:56            | PS029025.D | 7.67         | 0.00 |
| JPP-29.1-012825MS  | Q1215-04MS       | 02/01/2025       | 00:20            | PS029026.D | 7.67         | 0.00 |
| JPP-29.1-012825MSD | Q1215-04MSD      | 02/01/2025       | 00:44            | PS029027.D | 7.67         | 0.00 |
| JPP-29.2-012825    | Q1215-08         | 02/01/2025       | 01:08            | PS029028.D | 7.67         | 0.00 |
| IBLK               | IBLK             | 02/01/2025       | 02:20            | PS029031.D | 7.67         | 0.00 |
| HSTDCCC750         | HSTDCCC750       | 02/01/2025       | 02:44            | PS029032.D | 7.67         | 0.00 |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-29.1-012825MS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

Lab Sample ID: Q1215-04MS Date(s) Analyzed: 02/01/2025 02/01/2025

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-D            | 1   | 8.31 | 8.26      | 8.36 | 52.4          | 9    |
|                  | 2   | 8.91 | 8.86      | 8.96 | 47.9          |      |
| 2,4,5-TP(Silvex) | 1   | 9.18 | 9.13      | 9.23 | 50.6          | 22.6 |
|                  | 2   | 9.81 | 9.76      | 9.86 | 63.5          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-29.1-012825MSD

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

Lab Sample ID: Q1215-04MSD Date(s) Analyzed: 02/01/2025 02/01/2025

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-D            | 1   | 8.31 | 8.26      | 8.36 | 52.5          | 9    |
|                  | 2   | 8.91 | 8.86      | 8.96 | 48.0          |      |
| 2,4,5-TP(Silvex) | 1   | 9.18 | 9.13      | 9.23 | 50.4          | 23.5 |
|                  | 2   | 9.81 | 9.76      | 9.86 | 63.8          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166428BS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG NO.: Q1215

Lab Sample ID: PB166428BS Date(s) Analyzed: 01/31/2025 01/31/2025

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-D            | 1   | 8.31 | 8.26      | 8.36 | 5.20          | 10.1 |
|                  | 2   | 8.91 | 8.86      | 8.96 | 4.70          |      |
| 2,4,5-TP(Silvex) | 1   | 9.18 | 9.13      | 9.23 | 5.30          | 5.8  |
|                  | 2   | 9.81 | 9.76      | 9.86 | 5.00          |      |