

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 02/24/25                     |
| Project:           | RFP 905                | Date Received:  | 02/24/25                     |
| Client Sample ID:  | P001-CLAY-CF01-01      | SDG No.:        | Q1421                        |
| Lab Sample ID:     | Q1421-01               | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                 | % Solid:        | 70.3                         |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                 |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141761.D        | 1         | 02/25/25 09:30 | 02/25/25 13:37 | PB166853      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 260   | U         | 260  | 470        | ug/Kg             |
| 108-95-2       | Phenol                      | 120   | U         | 120  | 240        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 120   | U         | 120  | 240        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 120   | U         | 120  | 240        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 110   | U         | 110  | 240        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | U         | 130  | 240        | ug/Kg             |
| 98-86-2        | Acetophenone                | 120   | U         | 120  | 240        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 110   | U         | 110  | 470        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 57.3  | U         | 57.3 | 110        | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 120   | U         | 120  | 240        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 130   | U         | 130  | 240        | ug/Kg             |
| 78-59-1        | Isophorone                  | 120   | U         | 120  | 240        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 130   | U         | 130  | 240        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 130   | U         | 130  | 240        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 120   | U         | 120  | 240        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 110   | U         | 110  | 240        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 120   | U         | 120  | 240        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 120   | U         | 120  | 240        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 120   | U         | 120  | 240        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 120   | U         | 120  | 470        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 110   | U         | 110  | 240        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 120   | U         | 120  | 240        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 220   | U         | 220  | 470        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 100   | U         | 100  | 240        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 110   | U         | 110  | 240        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 120   | U         | 120  | 240        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 120   | U         | 120  | 240        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 140   | U         | 140  | 240        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 120   | U         | 120  | 240        | ug/Kg             |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 02/24/25                     |
| Project:           | RFP 905                | Date Received:  | 02/24/25                     |
| Client Sample ID:  | P001-CLAY-CF01-01      | SDG No.:        | Q1421                        |
| Lab Sample ID:     | Q1421-01               | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                 | % Solid:        | 70.3                         |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                 |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141761.D        | 1         | 02/25/25 09:30 | 02/25/25 13:37 | PB166853      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|-----|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 120   | U         | 120 | 240        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 120   | U         | 120 | 240        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 130   | U         | 130 | 240        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 120   | U         | 120 | 240        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 350   | U         | 350 | 470        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 160   | U         | 160 | 470        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 120   | U         | 120 | 240        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 120   | U         | 120 | 240        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 240        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 120   | U         | 120 | 240        | ug/Kg             |
| 86-73-7    | Fluorene                   | 120   | U         | 120 | 240        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 150   | U         | 150 | 240        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 170   | U         | 170 | 470        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 120   | U         | 120 | 240        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 240        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 120   | U         | 120 | 240        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 130   | U         | 130 | 240        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 470        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 120   | U         | 120 | 240        | ug/Kg             |
| 120-12-7   | Anthracene                 | 120   | U         | 120 | 240        | ug/Kg             |
| 86-74-8    | Carbazole                  | 110   | U         | 110 | 240        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 120   | U         | 120 | 240        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 120   | U         | 120 | 240        | ug/Kg             |
| 129-00-0   | Pyrene                     | 120   | U         | 120 | 240        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 140   | UQ        | 140 | 240        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 140   | U         | 140 | 470        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 110   | U         | 110 | 240        | ug/Kg             |
| 218-01-9   | Chrysene                   | 110   | U         | 110 | 240        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 130   | U         | 130 | 240        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 160   | U         | 160 | 470        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 120   | U         | 120 | 240        | ug/Kg             |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 02/24/25                     |
| Project:           | RFP 905                | Date Received:  | 02/24/25                     |
| Client Sample ID:  | P001-CLAY-CF01-01      | SDG No.:        | Q1421                        |
| Lab Sample ID:     | Q1421-01               | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                 | % Solid:        | 70.3                         |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                 |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141761.D        | 1         | 02/25/25 09:30 | 02/25/25 13:37 | PB166853      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|-----|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 120   | U         | 120 | 240        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 130   | U         | 130 | 240        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 110   | U         | 110 | 240        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 120   | U         | 120 | 240        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 110   | U         | 110 | 240        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 120   | U         | 120 | 240        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 160   | U         | 160 | 240        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 110   | U         | 110 | 240        | ug/Kg             |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 106  |  | 18 - 112 | 71% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 105  |  | 15 - 107 | 70% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 69.1 |  | 18 - 107 | 69% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 75.2 |  | 20 - 109 | 75% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 89.1 |  | 10 - 116 | 59% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 67.7 |  | 10 - 105 | 68% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 70900  | 6.781  |
| 1146-65-2  | Naphthalene-d8         | 286000 | 8.063  |
| 15067-26-2 | Acenaphthene-d10       | 151000 | 9.816  |
| 1517-22-2  | Phenanthrene-d10       | 243000 | 11.298 |
| 1719-03-5  | Chrysene-d12           | 169000 | 13.939 |
| 1520-96-3  | Perylene-d12           | 177000 | 15.386 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                    |      |   |      |       |
|-------------|------------------------------------|------|---|------|-------|
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl-   | 150  | A | 4.99 | ug/Kg |
| 000119-61-9 | Benzophenone                       | 420  | J | 10.5 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid                | 2000 | J | 11.8 | ug/Kg |
| 000630-04-6 | Hentriacontane                     | 210  | J | 12.3 | ug/Kg |
| 058594-45-9 | 13-Octadecenal, (Z)-               | 110  | J | 12.5 | ug/Kg |
| 000057-11-4 | Octadecanoic acid                  | 730  | J | 12.6 | ug/Kg |
| 006422-86-2 | 1,4-Benzenedicarboxylic acid, bis( | 640  | J | 12.8 | ug/Kg |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 02/24/25                     |
| Project:           | RFP 905                | Date Received:  | 02/24/25                     |
| Client Sample ID:  | P001-CLAY-CF01-01      | SDG No.:        | Q1421                        |
| Lab Sample ID:     | Q1421-01               | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                 | % Solid:        | 70.3                         |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                 |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141761.D        | 1         | 02/25/25 09:30 | 02/25/25 13:37 | PB166853      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|-------------|------------------------------------|-------|-----------|-----|------------|-------------------|
| 000593-49-7 | Heptacosane                        | 240   | J         |     | 13.2       | ug/Kg             |
| 074339-54-1 | Trichloroacetic acid, hexadecyl es | 220   | J         |     | 13.8       | ug/Kg             |
| 000544-77-4 | Hexadecane, 1-iodo-                | 320   | J         |     | 13.9       | ug/Kg             |
| 007225-64-1 | Heptadecane, 9-octyl-              | 400   | J         |     | 14.4       | ug/Kg             |
| 000112-95-8 | Eicosane                           | 210   | J         |     | 14.7       | ug/Kg             |
| 000638-68-6 | Triacontane                        | 190   | J         |     | 14.9       | ug/Kg             |
| 000646-31-1 | Tetracosane                        | 120   | J         |     | 15.0       | ug/Kg             |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products