

## **Report of Analysis**

| Client:       ATC Group Services LLC       Date Collected:       02/25/25         Project:       K084-SCA PCBs NYC - 2022SCA421       Date Received:       02/26/25         Client Sample ID:       K084-15CDL       SDG No.:       Q1438         Lab Sample ID:       Q1438-03DL       Matrix:       SOIL         Analytical Method:       SW8082A       % Solid:       74.7       Decanted:         Sample Wt/Vol:       30.03       Units:       g       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       Test:       PCB Group1       Test:       PCB Group1       Extraction Type:       Injection Volume :       Prep Prop Method:       SW3541B       Prep Date       Date Analyzed       Prep Batch ID       Prop Prop Prop Batch ID       P0109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parametry       Conc       Qualifier       MDL       LOQ / CRQ L       Volus       Volus         TARGETS       Tacclor-1016       90.7       UD       90.7       455       1104-55       1104-55       1104-55       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5   |                |
|---|----------------|
| Client Sample ID:       K084-15CDL       SDG No.:       Q1438         Lab Sample ID:       Q1438-03DL       Matrix:       SOIL         Analytical Method:       SW8082A       % Solid:       74.7       Decanted:         Sample Wt/Vol:       30.03       Units:       g       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       uL       Test:       PCB Group1         Extraction Type:       1.0       PH :       rest:       PCB Group1         Prep Method :       SW3541B       SW3541B       Date Analyzed       Prep Batch ID         P0109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parametr       Conc.       Qualifier       MDL       LOQ/CRQL       Units(S)         TARGETS       1141-16-5       Aroclor-1221       171       UD       171       455         1104-28-2       Aroclor-1232       90.9       UD       90.9       455       53469-21-9         53469-21-9       Aroclor-1242       90.7       UD       90.7       455       11097-69-1       455         11097-69-1       Aroclor-1248       211       UD       211       455       455 </th <th></th>   |                |
| Lab Sample ID:       Q1438-03DL       Matrix:       SOIL         Analytical Method:       SW8082A       % Solid:       74.7       Decanted:         Sample Wt/Vol:       30.03       Units:       g       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       uL       Test:       PCB Group1         Extraction Type:       Injection Volume :       Injection Volume :       Injection Volume :         GPC Factor :       1.0       PH :       Prep Method :       SW3541B         File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         P0109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(         TARGETS       1104-28-2       Aroclor-1016       90.7       UD       90.7       455         11141-16-5       Aroclor-1232       90.9       UD       90.9       455         53469-21-9       Aroclor-1242       90.7       455       455       12672-29-6       Aroclor-1248       211       UD       211       455       11097-69-1       455       1097-69-1       455       1097   |                |
| Analytical Method:       SW8082A       % Solid:       74.7       Decanted:         Sample Wt/Vol:       30.03       Units:       g       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       uL       Test:       PCB Group1         Extraction Type:       1.0       PH :       Injection Volume :       GPC Factor :       1.0       PH :         Prep Method :       SW3541B       SW3541B       Date Analyzed       Prep Batch ID         PO109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(         TARGETS       1104-28-2       Aroclor-1016       90.7       UD       90.7       455         11141-16-5       Aroclor-1221       171       UD       171       455         11141-16-5       Aroclor-1242       90.7       UD       90.7       455         53469-21-9       Aroclor-1248       211       UD       211       455         1097-69-1       Aroclor-1254       5900       D       73.0       455  |                |
| Ample Wt/Vol:       30.03       Units:       g       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       uL       Test:       PCB Group1         Extraction Type:       Injection Volume :       Injection Volume :       Injection Volume :         GPC Factor :       1.0       PH :       Injection Volume :       Injection Volume :         Prep Method :       SW3541B       SW3541B       Prep Date       Date Analyzed       Prep Batch ID         P0109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(CRU)         TARGETS       1104-28-2       Aroclor-1016       90.7       UD       90.7       455       11104-28-2       Aroclor-1221       171       UD       171       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11167-22-29-6       455       11097-69-1   |                |
| Yet       30.03       Units:       g       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       uL       Test:       PCB Group1         Extraction Type:       Injection Volume :       Injection Volume :       Injection Volume :         GPC Factor :       1.0       PH :       Injection Volume :       Injection Volume :         Prep Method :       SW3541B       SW3541B       Prep Date       Date Analyzed       Prep Batch ID         P0109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(         TARGETS       1104-28-2       Arcclor-1016       90.7       UD       90.7       455       11104-28-2       Arcclor-1221       171       UD       171       455       11104-28-2       Arcclor-1224       90.7       UD       90.7       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455       11141-16-5       455  |                |
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| Transfer of the second             |                |
| GPC Factor :       1.0       PH :         Prep Method :       SW3541B         File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PO109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(         TARGETS       12674-11-2       Aroclor-1016       90.7       UD       90.7       455         1104-28-2       Aroclor-1221       171       UD       171       455         11141-16-5       Aroclor-1232       90.9       UD       90.7       455         53469-21-9       Aroclor-1242       90.7       UD       90.7       455         12672-29-6       Aroclor-1248       211       UD       211       455         11097-69-1       Aroclor-1254       5900       D       73.0       455   |                |
| Prep Method :       SW3541B         File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PO109701.D       20 $03/06/25 11:40$ $03/07/25 09:55$ PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(         TARGETS       12674-11-2       Aroclor-1016       90.7       UD       90.7       455       11104-28-2       Aroclor-1221       171       UD       171       455       11141-16-5       Aroclor-1232       90.9       UD       90.7       455       53469-21-9       Aroclor-1242       90.7       UD       90.7       455       12672-29-6       Aroclor-1248       211       UD       211       455       11097-69-1       455       455       455       11097-69-1       455       455       11097-69-1       455   |                |
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| PO109701.D       20       03/06/25 11:40       03/07/25 09:55       PB167022         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Units(         TARGETS       12674-11-2       Aroclor-1016       90.7       UD       90.7       455         11104-28-2       Aroclor-1221       171       UD       171       455         11141-16-5       Aroclor-1232       90.9       UD       90.7       455         53469-21-9       Aroclor-1242       90.7       UD       90.7       455         12672-29-6       Aroclor-1248       211       UD       211       455         11097-69-1       Aroclor-1254       5900       D       73.0       455  |                |
| CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ/CRQL         Units(           TARGETS         12674-11-2         Aroclor-1016         90.7         UD         90.7         455           11104-28-2         Aroclor-1221         171         UD         171         455           11141-16-5         Aroclor-1232         90.9         UD         90.7         455           53469-21-9         Aroclor-1242         90.7         UD         90.7         455           12672-29-6         Aroclor-1248         211         UD         211         455           11097-69-1         Aroclor-1254         5900         D         73.0         455   |                |
| TARGETS         12674-11-2       Aroclor-1016       90.7       UD       90.7       455         11104-28-2       Aroclor-1221       171       UD       171       455         11141-16-5       Aroclor-1232       90.9       UD       90.9       455         53469-21-9       Aroclor-1242       90.7       UD       90.7       455         12672-29-6       Aroclor-1248       211       UD       211       455         11097-69-1       Aroclor-1254       5900       D       73.0       455  |                |
| 12674-11-2Aroclor-101690.7UD90.745511104-28-2Aroclor-1221171UD17145511141-16-5Aroclor-123290.9UD90.945553469-21-9Aroclor-124290.7UD90.745512672-29-6Aroclor-1248211UD21145511097-69-1Aroclor-12545900D73.0455   | (Dry Weigh     |
| 12674-11-2Aroclor-101690.7UD90.745511104-28-2Aroclor-1221171UD17145511141-16-5Aroclor-123290.9UD90.945553469-21-9Aroclor-124290.7UD90.745512672-29-6Aroclor-1248211UD21145511097-69-1Aroclor-12545900D73.0455   |                |
| 11141-16-5Aroclor-123290.9UD90.945553469-21-9Aroclor-124290.7UD90.745512672-29-6Aroclor-1248211UD21145511097-69-1Aroclor-12545900D73.0455   | ug/kg          |
| 53469-21-9Aroclor-124290.7UD90.745512672-29-6Aroclor-1248211UD21145511097-69-1Aroclor-12545900D73.0455  | ug/kg          |
| 12672-29-6Aroclor-1248211UD21145511097-69-1Aroclor-12545900D73.0455   | ug/kg          |
| 11097-69-1 Aroclor-1254 5900 D 73.0 455   | ug/kg          |
|   | ug/kg          |
| 37324-23-5 Aroclor-1262 122 UD 122 455  | ug/kg          |
|   | ug/kg          |
| 11100-14-4 Aroclor-1268 342 JD 91.7 455   | /1             |
| 11096-82-5 Aroclor-1260 77.8 UD 77.8 455  | ug/kg          |
| Total PCBs         Total PCBs         6200         D         165         455  | ug/kg<br>ug/kg |
| SURROGATES  |                |
| 877-09-8 Tetrachloro-m-xylene 33.4 * 32 - 144 167%  | ug/kg<br>ug/kg |
| 2051-24-3         Decachlorobiphenyl         55.0         *         32 - 175         275%   | ug/kg          |

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