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

# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3434 | **OrderDate:** | 10/22/2025 1:40:00 PM |
| **Client:** | AECOM | **Project:** | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |
| **Contact:** | Rob Forstner | **Location:** | D41,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3434-01** | **PR132-WC1-20251022** | **SOIL** | | | **10/22/25** | | | **10/22/25** |
| | | | Pesticide-TCL | 8081B | | 10/23/25 | 10/23/25 | |
| **Q3434-02** | **PR132-WC2-20251022** | **WATER** | | | **10/22/25** | | | **10/22/25** |
| | | | Pesticide-TCL | 8081B | | 10/28/25 | 10/28/25 | |

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

# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3434 **Order ID:** Q3434

**Client:** AECOM **Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : PR132-WC1-20251022** | | | | | | | | |
| Q3434-01 | PR132-WC1-2025102 | SOIL | Dieldrin | 0.46 | JP | 0.24 | 2.90 | ug/kg |
| Q3434-01 | PR132-WC1-2025102 | SOIL | 4,4-DDE | 0.67 | JP | 0.24 | 2.90 | ug/kg |
| | | | **Total Concentration:** | **1.130** | | | | |

# SAMPLE DATA

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/22/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/22/25 |
| Client Sample ID: | PR132-WC1-20251022 | SDG No.: | Q3434 |
| Lab Sample ID: | Q3434-01 | Matrix: | SOIL |
| Analytical Method: | 8081B | % Solid: | 57.9 |
| Sample Wt/Vol: | 30.05 g Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3541 Prep Date 10/23/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 2.90 | U | 1 | 0.22 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 319-85-7 | beta-BHC | 2.90 | U | 1 | 0.31 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 319-86-8 | delta-BHC | 2.90 | U | 1 | 0.67 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 58-89-9 | gamma-BHC (Lindane) | 2.90 | U | 1 | 0.24 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 76-44-8 | Heptachlor | 2.90 | U | 1 | 0.21 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 309-00-2 | Aldrin | 2.90 | U | 1 | 0.21 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 1024-57-3 | Heptachlor epoxide | 2.90 | U | 1 | 0.33 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 959-98-8 | Endosulfan I | 2.90 | U | 1 | 0.24 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 60-57-1 | Dieldrin | 0.46 | JP | 1 | 0.24 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 72-55-9 | 4,4-DDE | 0.67 | JP | 1 | 0.24 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 72-20-8 | Endrin | 2.90 | U | 1 | 0.24 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 33213-65-9 | Endosulfan II | 2.90 | U | 1 | 0.50 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 72-54-8 | 4,4-DDD | 2.90 | U | 1 | 0.26 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 1031-07-8 | Endosulfan Sulfate | 2.90 | U | 1 | 0.22 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 50-29-3 | 4,4-DDT | 2.90 | U | 1 | 0.24 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 72-43-5 | Methoxychlor | 2.90 | U | 1 | 0.64 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 53494-70-5 | Endrin ketone | 2.90 | U | 1 | 0.33 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 7421-93-4 | Endrin aldehyde | 2.90 | U | 1 | 0.64 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 5103-71-9 | alpha-Chlordane | 2.90 | U | 1 | 0.21 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 5103-74-2 | gamma-Chlordane | 2.90 | U | 1 | 0.26 | 2.90 | ug/kg | 10/23/25 19:44 | PB170213 |
| 8001-35-2 | Toxaphene | 56.9 | U | 1 | 9.30 | 56.9 | ug/kg | 10/23/25 19:44 | PB170213 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 20.5 | | | 20 - 144 | 102% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 19.7 | | | 19 - 148 | 98% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/22/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/22/25 |
| Client Sample ID: | PR132-WC2-20251022 | SDG No.: | Q3434 |
| Lab Sample ID: | Q3434-02 | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 980 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3510 Prep Date 10/28/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.051 | U | 1 | 0.0040 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 319-85-7 | beta-BHC | 0.051 | U | 1 | 0.0050 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 319-86-8 | delta-BHC | 0.051 | U | 1 | 0.011 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 58-89-9 | gamma-BHC (Lindane) | 0.051 | U | 1 | 0.0038 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 76-44-8 | Heptachlor | 0.051 | U | 1 | 0.0028 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 309-00-2 | Aldrin | 0.051 | U | 1 | 0.0037 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 1024-57-3 | Heptachlor epoxide | 0.051 | U | 1 | 0.0098 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 959-98-8 | Endosulfan I | 0.051 | U | 1 | 0.0032 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 60-57-1 | Dieldrin | 0.051 | U | 1 | 0.0037 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 72-55-9 | 4,4-DDE | 0.051 | U | 1 | 0.0038 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 72-20-8 | Endrin | 0.051 | U | 1 | 0.0033 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 33213-65-9 | Endosulfan II | 0.051 | U | 1 | 0.0081 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 72-54-8 | 4,4-DDD | 0.051 | U | 1 | 0.0072 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 1031-07-8 | Endosulfan Sulfate | 0.051 | U | 1 | 0.0038 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 50-29-3 | 4,4-DDT | 0.051 | U | 1 | 0.0036 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 72-43-5 | Methoxychlor | 0.051 | U | 1 | 0.011 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 53494-70-5 | Endrin ketone | 0.051 | U | 1 | 0.0095 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 7421-93-4 | Endrin aldehyde | 0.051 | U | 1 | 0.011 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 5103-71-9 | alpha-Chlordane | 0.051 | U | 1 | 0.0036 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 5103-74-2 | gamma-Chlordane | 0.051 | U | 1 | 0.0040 | 0.051 | ug/L | 10/28/25 17:24 | PB170287 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/28/25 17:24 | PB170287 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 13.8 | | | 57 - 171 | 69% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.9 | | | 61 - 148 | 105% | SPK: 20 | | |

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

# QC SUMMARY

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

## Surrogate Summary

**SDG No.:** Q3434

**Client:** AECOM

**Analytical Method:** 8081B

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PD090647.D | PIBLK-PD090647.D | Decachlorobiphen | 1 | 20 | 21.3 | 106 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 19.4 | 97 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 20.3 | 102 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.0 | 100 | | 61 | 148 |
| I.BLK-PD090775.D | PIBLK-PD090775.D | Decachlorobiphen | 1 | 20 | 21.7 | 109 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 20.3 | 101 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 24.9 | 124 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 21.1 | 106 | | 61 | 148 |
| PB170213BL | PB170213BL | Decachlorobiphen | 1 | 20 | 20.7 | 103 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 1 | 20 | 18.7 | 94 | | 19 | 148 |
| | | Decachlorobiphen | 2 | 20 | 23.8 | 119 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.1 | 101 | | 19 | 148 |
| PB170213BS | PB170213BS | Decachlorobiphen | 1 | 20 | 22.1 | 110 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 1 | 20 | 17.6 | 88 | | 19 | 148 |
| | | Decachlorobiphen | 2 | 20 | 26.0 | 130 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.3 | 91 | | 19 | 148 |
| Q3395-03MS | PR132-S07-000102-20251017MS | Decachlorobiphen | 1 | 20 | 15.2 | 76 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 1 | 20 | 14.4 | 72 | | 19 | 148 |
| | | Decachlorobiphen | 2 | 20 | 15.5 | 77 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 2 | 20 | 15.5 | 78 | | 19 | 148 |
| Q3395-04MSD | PR132-S07-000102-20251017MS | Decachlorobiphen | 1 | 20 | 16.4 | 82 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 1 | 20 | 15.3 | 76 | | 19 | 148 |
| | | Decachlorobiphen | 2 | 20 | 16.4 | 82 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 2 | 20 | 16.4 | 82 | | 19 | 148 |
| I.BLK-PD090788.D | PIBLK-PD090788.D | Decachlorobiphen | 1 | 20 | 20.9 | 105 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 20.0 | 100 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 23.5 | 117 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.8 | 104 | | 61 | 148 |
| I.BLK-PD090799.D | PIBLK-PD090799.D | Decachlorobiphen | 1 | 20 | 21.1 | 105 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 19.7 | 99 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 23.4 | 117 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.3 | 101 | | 61 | 148 |
| Q3434-01 | PR132-WC1-20251022 | Decachlorobiphen | 1 | 20 | 20.5 | 102 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 1 | 20 | 19.0 | 95 | | 19 | 148 |
| | | Decachlorobiphen | 2 | 20 | 19.6 | 98 | | 20 | 144 |
| | | Tetrachloro-m-xyl | 2 | 20 | 19.7 | 98 | | 19 | 148 |
| I.BLK-PD090805.D | PIBLK-PD090805.D | Decachlorobiphen | 1 | 20 | 21.4 | 107 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 20.0 | 100 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 22.2 | 111 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.4 | 102 | | 61 | 148 |
| I.BLK-PD090879.D | PIBLK-PD090879.D | Decachlorobiphen | 1 | 20 | 23.1 | 115 | | 57 | 171 |

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

## Surrogate Summary

**SDG No.:** Q3434

**Client:** AECOM

**Analytical Method:** 8081B

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PD090879.D | PIBLK-PD090879.D | Tetrachloro-m-xyl | 1 | 20 | 21.6 | 108 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 24.9 | 125 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 21.8 | 109 | | 61 | 148 |
| PB170287BL | PB170287BL | Decachlorobiphen | 1 | 20 | 20.5 | 102 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 20.1 | 100 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 18.5 | 93 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.4 | 102 | | 61 | 148 |
| PB170287BS | PB170287BS | Decachlorobiphen | 1 | 20 | 19.3 | 96 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 15.6 | 78 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 18.9 | 95 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 15.3 | 76 | | 61 | 148 |
| PB170287BSD | PB170287BSD | Decachlorobiphen | 1 | 20 | 19.7 | 98 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 14.6 | 73 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 19.6 | 98 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 15.1 | 76 | | 61 | 148 |
| Q3434-02 | PR132-WC2-20251022 | Decachlorobiphen | 1 | 20 | 13.7 | 69 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 20.9 | 105 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 13.8 | 69 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 19.6 | 98 | | 61 | 148 |
| I.BLK-PD090891.D | PIBLK-PD090891.D | Decachlorobiphen | 1 | 20 | 22.8 | 114 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 1 | 20 | 21.5 | 108 | | 61 | 148 |
| | | Decachlorobiphen | 2 | 20 | 23.0 | 115 | | 57 | 171 |
| | | Tetrachloro-m-xyl | 2 | 20 | 21.6 | 108 | | 61 | 148 |

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

## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **DataFile :** PD090784.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3395-03MS (Column 1)** | **Client Sample ID:** | | **PR132-S07-000102-202510** | | | | | | | | |
| | alpha-BHC | 34.78 | 0 | 31.9 | ug/kg | 92 | | | | 60 | 144 | |
| | beta-BHC | 34.78 | 0 | 27.9 | ug/kg | 80 | | | | 54 | 143 | |
| | delta-BHC | 34.78 | 0 | 32.6 | ug/kg | 94 | | | | 29 | 151 | |
| | gamma-BHC (Lindane) | 34.78 | 0 | 31.9 | ug/kg | 92 | | | | 61 | 140 | |
| | Heptachlor | 34.78 | 0 | 38.0 | ug/kg | 109 | | | | 63 | 135 | |
| | Aldrin | 34.78 | 0 | 32.6 | ug/kg | 94 | | | | 49 | 139 | |
| | Heptachlor epoxide | 34.78 | 0 | 33.3 | ug/kg | 96 | | | | 41 | 156 | |
| | Endosulfan I | 34.78 | 0 | 32.6 | ug/kg | 94 | | | | 56 | 142 | |
| | Dieldrin | 34.78 | 0.42 | 32.7 | ug/kg | 93 | | | | 47 | 161 | |
| | 4,4'-DDE | 34.78 | 6.90 | 36.6 | ug/kg | 85 | | | | 55 | 136 | |
| | Endrin | 34.78 | 0 | 32.6 | ug/kg | 94 | | | | 57 | 139 | |
| | Endosulfan II | 34.78 | 0 | 31.1 | ug/kg | 89 | | | | 40 | 163 | |
| | 4,4'-DDD | 34.78 | 1.50 | 34.6 | ug/kg | 95 | | | | 47 | 163 | |
| | Endosulfan sulfate | 34.78 | 0 | 32.5 | ug/kg | 93 | | | | 62 | 139 | |
| | 4,4'-DDT | 34.78 | 0 | 33.8 | ug/kg | 97 | | | | 51 | 146 | |
| | Methoxychlor | 34.78 | 0 | 33.5 | ug/kg | 96 | | | | 54 | 136 | |
| | Endrin ketone | 34.78 | 0 | 33.7 | ug/kg | 97 | | | | 60 | 129 | |
| | Endrin aldehyde | 34.78 | 0 | 32.9 | ug/kg | 95 | | | | 59 | 132 | |
| | alpha-Chlordane | 34.78 | 0 | 36.2 | ug/kg | 104 | | | | 39 | 166 | |
| | gamma-Chlordane | 34.78 | 0 | 30.8 | ug/kg | 89 | | | | 44 | 175 | |
| **Lab Sample ID:** | **Q3395-03MS (Column 2)** | **Client Sample ID:** | | **PR132-S07-000102-202510** | | | | | | | | |
| | alpha-BHC | 34.78 | 0 | 28.7 | ug/kg | 83 | | | | 60 | 144 | |
| | beta-BHC | 34.78 | 0 | 28.9 | ug/kg | 83 | | | | 54 | 143 | |
| | delta-BHC | 34.78 | 0 | 30.5 | ug/kg | 88 | | | | 29 | 151 | |
| | gamma-BHC (Lindane) | 34.78 | 0 | 29.2 | ug/kg | 84 | | | | 61 | 140 | |
| | Heptachlor | 34.78 | 0 | 31.9 | ug/kg | 92 | | | | 63 | 135 | |
| | Aldrin | 34.78 | 0 | 29.7 | ug/kg | 85 | | | | 49 | 139 | |
| | Heptachlor epoxide | 34.78 | 0 | 31.2 | ug/kg | 90 | | | | 41 | 156 | |
| | Endosulfan I | 34.78 | 0 | 26.7 | ug/kg | 77 | | | | 56 | 142 | |
| | Dieldrin | 34.78 | 1.30 | 31.4 | ug/kg | 87 | | | | 47 | 161 | |
| | 4,4'-DDE | 34.78 | 5.30 | 33.5 | ug/kg | 81 | | | | 55 | 136 | |
| | Endrin | 34.78 | 0 | 29.7 | ug/kg | 85 | | | | 57 | 139 | |
| | Endosulfan II | 34.78 | 0 | 30.9 | ug/kg | 89 | | | | 40 | 163 | |
| | 4,4'-DDD | 34.78 | 1.00 | 29.7 | ug/kg | 83 | | | | 47 | 163 | |
| | Endosulfan sulfate | 34.78 | 0 | 30.8 | ug/kg | 89 | | | | 62 | 139 | |

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

# Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **DataFile :** PD090784.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDT | 34.78 | 0 | 30.9 | ug/kg | 89 | | | | 51 | 146 | |
| Methoxychlor | 34.78 | 0 | 32.0 | ug/kg | 92 | | | | 54 | 136 | |
| Endrin ketone | 34.78 | 0 | 30.2 | ug/kg | 87 | | | | 60 | 129 | |
| Endrin aldehyde | 34.78 | 0 | 31.0 | ug/kg | 89 | | | | 59 | 132 | |
| alpha-Chlordane | 34.78 | 0 | 31.0 | ug/kg | 89 | | | | 39 | 166 | |
| gamma-Chlordane | 34.78 | 0 | 31.6 | ug/kg | 91 | | | | 44 | 175 | |

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

## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **DataFile :** PD090785.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3395-04MSD (Column 1)** | **Client Sample ID:** | | **PR132-S07-000102-202510** | | | | | | | | |
| | alpha-BHC | 34.7 | 0 | 31.9 | ug/kg | 92 | | 0 | | 60 | 144 | 20 |
| | beta-BHC | 34.7 | 0 | 26.3 | ug/kg | 76 | | 5 | | 54 | 143 | 20 |
| | delta-BHC | 34.7 | 0 | 32.6 | ug/kg | 94 | | 0 | | 29 | 151 | 20 |
| | gamma-BHC (Lindane) | 34.7 | 0 | 31.9 | ug/kg | 92 | | 0 | | 61 | 140 | 20 |
| | Heptachlor | 34.7 | 0 | 38.1 | ug/kg | 110 | | 1 | | 63 | 135 | 20 |
| | Aldrin | 34.7 | 0 | 32.6 | ug/kg | 94 | | 0 | | 49 | 139 | 20 |
| | Heptachlor epoxide | 34.7 | 0 | 32.4 | ug/kg | 93 | | 3 | | 41 | 156 | 20 |
| | Endosulfan I | 34.7 | 0 | 31.9 | ug/kg | 92 | | 2 | | 56 | 142 | 20 |
| | Dieldrin | 34.7 | 0.42 | 32.9 | ug/kg | 94 | | 1 | | 47 | 161 | 20 |
| | 4,4'-DDE | 34.7 | 6.90 | 37.2 | ug/kg | 87 | | 2 | | 55 | 136 | 20 |
| | Endrin | 34.7 | 0 | 32.1 | ug/kg | 93 | | 1 | | 57 | 139 | 20 |
| | Endosulfan II | 34.7 | 0 | 31.5 | ug/kg | 91 | | 2 | | 40 | 163 | 20 |
| | 4,4'-DDD | 34.7 | 1.50 | 34.4 | ug/kg | 95 | | 0 | | 47 | 163 | 20 |
| | Endosulfan sulfate | 34.7 | 0 | 32.5 | ug/kg | 94 | | 1 | | 62 | 139 | 20 |
| | 4,4'-DDT | 34.7 | 0 | 34.0 | ug/kg | 98 | | 1 | | 51 | 146 | 20 |
| | Methoxychlor | 34.7 | 0 | 33.2 | ug/kg | 96 | | 0 | | 54 | 136 | 20 |
| | Endrin ketone | 34.7 | 0 | 34.1 | ug/kg | 98 | | 1 | | 60 | 129 | 20 |
| | Endrin aldehyde | 34.7 | 0 | 32.8 | ug/kg | 95 | | 0 | | 59 | 132 | 20 |
| | alpha-Chlordane | 34.7 | 0 | 31.4 | ug/kg | 90 | | 14 | | 39 | 166 | 20 |
| | gamma-Chlordane | 34.7 | 0 | 31.0 | ug/kg | 89 | | 0 | | 44 | 175 | 20 |
| **Lab Sample ID:** | **Q3395-04MSD (Column 2)** | **Client Sample ID:** | | **PR132-S07-000102-202510** | | | | | | | | |
| | alpha-BHC | 34.7 | 0 | 28.6 | ug/kg | 82 | | 1 | | 60 | 144 | 20 |
| | beta-BHC | 34.7 | 0 | 28.9 | ug/kg | 83 | | 0 | | 54 | 143 | 20 |
| | delta-BHC | 34.7 | 0 | 30.3 | ug/kg | 87 | | 1 | | 29 | 151 | 20 |
| | gamma-BHC (Lindane) | 34.7 | 0 | 29.1 | ug/kg | 84 | | 0 | | 61 | 140 | 20 |
| | Heptachlor | 34.7 | 0 | 32.0 | ug/kg | 92 | | 0 | | 63 | 135 | 20 |
| | Aldrin | 34.7 | 0 | 29.7 | ug/kg | 86 | | 1 | | 49 | 139 | 20 |
| | Heptachlor epoxide | 34.7 | 0 | 30.7 | ug/kg | 88 | | 2 | | 41 | 156 | 20 |
| | Endosulfan I | 34.7 | 0 | 26.5 | ug/kg | 76 | | 1 | | 56 | 142 | 20 |
| | Dieldrin | 34.7 | 1.30 | 31.4 | ug/kg | 87 | | 0 | | 47 | 161 | 20 |
| | 4,4'-DDE | 34.7 | 5.30 | 33.4 | ug/kg | 81 | | 0 | | 55 | 136 | 20 |
| | Endrin | 34.7 | 0 | 29.1 | ug/kg | 84 | | 1 | | 57 | 139 | 20 |
| | Endosulfan II | 34.7 | 0 | 31.1 | ug/kg | 90 | | 1 | | 40 | 163 | 20 |
| | 4,4'-DDD | 34.7 | 1.00 | 29.5 | ug/kg | 82 | | 1 | | 47 | 163 | 20 |
| | Endosulfan sulfate | 34.7 | 0 | 30.6 | ug/kg | 88 | | 1 | | 62 | 139 | 20 |

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

## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **DataFile :** PD090785.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDT | 34.7 | 0 | 30.8 | ug/kg | 89 | | 0 | | 51 | 146 | 20 |
| Methoxychlor | 34.7 | 0 | 32.5 | ug/kg | 94 | | 2 | | 54 | 136 | 20 |
| Endrin ketone | 34.7 | 0 | 29.9 | ug/kg | 86 | | 1 | | 60 | 129 | 20 |
| Endrin aldehyde | 34.7 | 0 | 30.8 | ug/kg | 89 | | 0 | | 59 | 132 | 20 |
| alpha-Chlordane | 34.7 | 0 | 30.8 | ug/kg | 89 | | 0 | | 39 | 166 | 20 |
| gamma-Chlordane | 34.7 | 0 | 31.3 | ug/kg | 90 | | 1 | | 44 | 175 | 20 |

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

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **Datafile :** PD090779.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170213BS (Column 1) | alpha-BHC | 16.65 | 15.4 | ug/kg | 92 | | | | 84 | 123 | |
| | beta-BHC | 16.65 | 15.1 | ug/kg | 91 | | | | 82 | 123 | |
| | delta-BHC | 16.65 | 15.6 | ug/kg | 94 | | | | 83 | 126 | |
| | gamma-BHC (Lindane) | 16.65 | 15.2 | ug/kg | 91 | | | | 83 | 125 | |
| | Heptachlor | 16.65 | 18.2 | ug/kg | 109 | | | | 83 | 122 | |
| | Aldrin | 16.65 | 15.4 | ug/kg | 92 | | | | 82 | 124 | |
| | Heptachlor epoxide | 16.65 | 15.9 | ug/kg | 95 | | | | 83 | 120 | |
| | Endosulfan I | 16.65 | 15.6 | ug/kg | 94 | | | | 81 | 124 | |
| | Dieldrin | 16.65 | 15.7 | ug/kg | 94 | | | | 85 | 121 | |
| | 4,4'-DDE | 16.65 | 15.1 | ug/kg | 91 | | | | 81 | 123 | |
| | Endrin | 16.65 | 15.5 | ug/kg | 93 | | | | 76 | 130 | |
| | Endosulfan II | 16.65 | 16.2 | ug/kg | 97 | | | | 80 | 125 | |
| | 4,4'-DDD | 16.65 | 16.8 | ug/kg | 101 | | | | 80 | 131 | |
| | Endosulfan sulfate | 16.65 | 15.6 | ug/kg | 94 | | | | 81 | 122 | |
| | 4,4'-DDT | 16.65 | 16.3 | ug/kg | 98 | | | | 70 | 129 | |
| | Methoxychlor | 16.65 | 16.0 | ug/kg | 96 | | | | 60 | 119 | |
| | Endrin ketone | 16.65 | 16.1 | ug/kg | 97 | | | | 77 | 132 | |
| | Endrin aldehyde | 16.65 | 16.3 | ug/kg | 98 | | | | 79 | 124 | |
| | alpha-Chlordane | 16.65 | 15.5 | ug/kg | 93 | | | | 84 | 120 | |
| | gamma-Chlordane | 16.65 | 15.3 | ug/kg | 92 | | | | 83 | 122 | |
| PB170213BS (Column 2) | alpha-BHC | 16.65 | 15.7 | ug/kg | 94 | | | | 84 | 123 | |
| | beta-BHC | 16.65 | 15.6 | ug/kg | 94 | | | | 82 | 123 | |
| | delta-BHC | 16.65 | 15.9 | ug/kg | 95 | | | | 83 | 126 | |
| | gamma-BHC (Lindane) | 16.65 | 15.7 | ug/kg | 94 | | | | 83 | 125 | |
| | Heptachlor | 16.65 | 16.2 | ug/kg | 97 | | | | 83 | 122 | |
| | Aldrin | 16.65 | 15.9 | ug/kg | 95 | | | | 82 | 124 | |
| | Heptachlor epoxide | 16.65 | 15.8 | ug/kg | 95 | | | | 83 | 120 | |
| | Endosulfan I | 16.65 | 15.1 | ug/kg | 91 | | | | 81 | 124 | |
| | Dieldrin | 16.65 | 16.3 | ug/kg | 98 | | | | 85 | 121 | |
| | 4,4'-DDE | 16.65 | 16.4 | ug/kg | 98 | | | | 81 | 123 | |
| | Endrin | 16.65 | 16.5 | ug/kg | 99 | | | | 76 | 130 | |
| | Endosulfan II | 16.65 | 16.6 | ug/kg | 100 | | | | 80 | 125 | |
| | 4,4'-DDD | 16.65 | 16.8 | ug/kg | 101 | | | | 80 | 131 | |
| | Endosulfan sulfate | 16.65 | 16.7 | ug/kg | 100 | | | | 81 | 122 | |
| | 4,4'-DDT | 16.65 | 17.0 | ug/kg | 102 | | | | 70 | 129 | |
| | Methoxychlor | 16.65 | 16.8 | ug/kg | 101 | | | | 60 | 119 | |
| | Endrin ketone | 16.65 | 17.5 | ug/kg | 105 | | | | 77 | 132 | |
| | Endrin aldehyde | 16.65 | 17.1 | ug/kg | 103 | | | | 79 | 124 | |
| | alpha-Chlordane | 16.65 | 16.0 | ug/kg | 96 | | | | 84 | 120 | |
| | gamma-Chlordane | 16.65 | 16.1 | ug/kg | 97 | | | | 83 | 122 | |

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

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **Datafile :** PD090888.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170287BS (Column 1) | alpha-BHC | 0.5 | 0.48 | ug/L | 96 | | | | 85 | 130 | |
| | beta-BHC | 0.5 | 0.46 | ug/L | 92 | | | | 83 | 126 | |
| | delta-BHC | 0.5 | 0.48 | ug/L | 97 | | | | 69 | 141 | |
| | gamma-BHC (Lindane) | 0.5 | 0.47 | ug/L | 94 | | | | 82 | 129 | |
| | Heptachlor | 0.5 | 0.56 | ug/L | 111 | | | | 79 | 127 | |
| | Aldrin | 0.5 | 0.47 | ug/L | 95 | | | | 79 | 126 | |
| | Heptachlor epoxide | 0.5 | 0.49 | ug/L | 99 | | | | 81 | 124 | |
| | Endosulfan I | 0.5 | 0.47 | ug/L | 94 | | | | 85 | 122 | |
| | Dieldrin | 0.5 | 0.47 | ug/L | 94 | | | | 83 | 125 | |
| | 4,4'-DDE | 0.5 | 0.47 | ug/L | 95 | | | | 80 | 127 | |
| | Endrin | 0.5 | 0.45 | ug/L | 91 | | | | 81 | 128 | |
| | Endosulfan II | 0.5 | 0.47 | ug/L | 94 | | | | 82 | 123 | |
| | 4,4'-DDD | 0.5 | 0.51 | ug/L | 101 | | | | 77 | 131 | |
| | Endosulfan sulfate | 0.5 | 0.46 | ug/L | 92 | | | | 76 | 129 | |
| | 4,4'-DDT | 0.5 | 0.45 | ug/L | 90 | | | | 80 | 133 | |
| | Methoxychlor | 0.5 | 0.45 | ug/L | 91 | | | | 78 | 108 | |
| | Endrin ketone | 0.5 | 0.49 | ug/L | 98 | | | | 80 | 131 | |
| | Endrin aldehyde | 0.5 | 0.48 | ug/L | 95 | | | | 82 | 127 | |
| | alpha-Chlordane | 0.5 | 0.49 | ug/L | 98 | | | | 82 | 125 | |
| | gamma-Chlordane | 0.5 | 0.47 | ug/L | 93 | | | | 82 | 125 | |
| PB170287BS (Column 2) | alpha-BHC | 0.5 | 0.46 | ug/L | 91 | | | | 85 | 130 | |
| | beta-BHC | 0.5 | 0.45 | ug/L | 90 | | | | 83 | 126 | |
| | delta-BHC | 0.5 | 0.46 | ug/L | 92 | | | | 69 | 141 | |
| | gamma-BHC (Lindane) | 0.5 | 0.46 | ug/L | 91 | | | | 82 | 129 | |
| | Heptachlor | 0.5 | 0.46 | ug/L | 93 | | | | 79 | 127 | |
| | Aldrin | 0.5 | 0.45 | ug/L | 91 | | | | 79 | 126 | |
| | Heptachlor epoxide | 0.5 | 0.45 | ug/L | 90 | | | | 81 | 124 | |
| | Endosulfan I | 0.5 | 0.44 | ug/L | 89 | | | | 85 | 122 | |
| | Dieldrin | 0.5 | 0.46 | ug/L | 91 | | | | 83 | 125 | |
| | 4,4'-DDE | 0.5 | 0.45 | ug/L | 91 | | | | 80 | 127 | |
| | Endrin | 0.5 | 0.44 | ug/L | 88 | | | | 81 | 128 | |
| | Endosulfan II | 0.5 | 0.45 | ug/L | 90 | | | | 82 | 123 | |
| | 4,4'-DDD | 0.5 | 0.48 | ug/L | 96 | | | | 77 | 131 | |
| | Endosulfan sulfate | 0.5 | 0.45 | ug/L | 90 | | | | 76 | 129 | |
| | 4,4'-DDT | 0.5 | 0.43 | ug/L | 86 | | | | 80 | 133 | |
| | Methoxychlor | 0.5 | 0.43 | ug/L | 86 | | | | 78 | 108 | |
| | Endrin ketone | 0.5 | 0.45 | ug/L | 91 | | | | 80 | 131 | |
| | Endrin aldehyde | 0.5 | 0.45 | ug/L | 90 | | | | 82 | 127 | |
| | alpha-Chlordane | 0.5 | 0.45 | ug/L | 90 | | | | 82 | 125 | |
| | gamma-Chlordane | 0.5 | 0.45 | ug/L | 91 | | | | 82 | 125 | |

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

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3434 **Analytical Method:** 8081B

**Client:** AECOM **Datafile :** PD090889.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170287BSD (Column 1) | alpha-BHC | 0.5 | 0.47 | ug/L | 94 | 2 | | | 85 | 130 | 20 |
| | beta-BHC | 0.5 | 0.46 | ug/L | 91 | 1 | | | 83 | 126 | 20 |
| | delta-BHC | 0.5 | 0.48 | ug/L | 96 | 1 | | | 69 | 141 | 20 |
| | gamma-BHC (Lindane) | 0.5 | 0.46 | ug/L | 93 | 1 | | | 82 | 129 | 20 |
| | Heptachlor | 0.5 | 0.55 | ug/L | 109 | 2 | | | 79 | 127 | 20 |
| | Aldrin | 0.5 | 0.47 | ug/L | 93 | 2 | | | 79 | 126 | 20 |
| | Heptachlor epoxide | 0.5 | 0.49 | ug/L | 97 | 2 | | | 81 | 124 | 20 |
| | Endosulfan I | 0.5 | 0.47 | ug/L | 94 | 0 | | | 85 | 122 | 20 |
| | Dieldrin | 0.5 | 0.47 | ug/L | 94 | 0 | | | 83 | 125 | 20 |
| | 4,4'-DDE | 0.5 | 0.46 | ug/L | 93 | 2 | | | 80 | 127 | 20 |
| | Endrin | 0.5 | 0.45 | ug/L | 90 | 1 | | | 81 | 128 | 20 |
| | Endosulfan II | 0.5 | 0.46 | ug/L | 91 | 3 | | | 82 | 123 | 20 |
| | 4,4'-DDD | 0.5 | 0.50 | ug/L | 100 | 1 | | | 77 | 131 | 20 |
| | Endosulfan sulfate | 0.5 | 0.46 | ug/L | 93 | 1 | | | 76 | 129 | 20 |
| | 4,4'-DDT | 0.5 | 0.44 | ug/L | 89 | 1 | | | 80 | 133 | 20 |
| | Methoxychlor | 0.5 | 0.45 | ug/L | 90 | 1 | | | 78 | 108 | 20 |
| | Endrin ketone | 0.5 | 0.49 | ug/L | 97 | 1 | | | 80 | 131 | 20 |
| | Endrin aldehyde | 0.5 | 0.48 | ug/L | 96 | 1 | | | 82 | 127 | 20 |
| | alpha-Chlordane | 0.5 | 0.50 | ug/L | 101 | 3 | | | 82 | 125 | 20 |
| | gamma-Chlordane | 0.5 | 0.46 | ug/L | 91 | 2 | | | 82 | 125 | 20 |
| PB170287BSD (Column 2) | alpha-BHC | 0.5 | 0.45 | ug/L | 90 | 1 | | | 85 | 130 | 20 |
| | beta-BHC | 0.5 | 0.45 | ug/L | 89 | 1 | | | 83 | 126 | 20 |
| | delta-BHC | 0.5 | 0.45 | ug/L | 91 | 1 | | | 69 | 141 | 20 |
| | gamma-BHC (Lindane) | 0.5 | 0.45 | ug/L | 90 | 1 | | | 82 | 129 | 20 |
| | Heptachlor | 0.5 | 0.46 | ug/L | 91 | 2 | | | 79 | 127 | 20 |
| | Aldrin | 0.5 | 0.45 | ug/L | 90 | 1 | | | 79 | 126 | 20 |
| | Heptachlor epoxide | 0.5 | 0.45 | ug/L | 90 | 0 | | | 81 | 124 | 20 |
| | Endosulfan I | 0.5 | 0.44 | ug/L | 88 | 1 | | | 85 | 122 | 20 |
| | Dieldrin | 0.5 | 0.45 | ug/L | 91 | 0 | | | 83 | 125 | 20 |
| | 4,4'-DDE | 0.5 | 0.45 | ug/L | 91 | 0 | | | 80 | 127 | 20 |
| | Endrin | 0.5 | 0.44 | ug/L | 88 | 0 | | | 81 | 128 | 20 |
| | Endosulfan II | 0.5 | 0.45 | ug/L | 90 | 0 | | | 82 | 123 | 20 |
| | 4,4'-DDD | 0.5 | 0.48 | ug/L | 96 | 0 | | | 77 | 131 | 20 |
| | Endosulfan sulfate | 0.5 | 0.45 | ug/L | 91 | 1 | | | 76 | 129 | 20 |
| | 4,4'-DDT | 0.5 | 0.43 | ug/L | 86 | 0 | | | 80 | 133 | 20 |
| | Methoxychlor | 0.5 | 0.44 | ug/L | 87 | 1 | | | 78 | 108 | 20 |
| | Endrin ketone | 0.5 | 0.47 | ug/L | 93 | 2 | | | 80 | 131 | 20 |
| | Endrin aldehyde | 0.5 | 0.46 | ug/L | 92 | 2 | | | 82 | 127 | 20 |
| | alpha-Chlordane | 0.5 | 0.45 | ug/L | 89 | 1 | | | 82 | 125 | 20 |
| | gamma-Chlordane | 0.5 | 0.45 | ug/L | 90 | 1 | | | 82 | 125 | 20 |

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170213BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3434

Lab Sample ID: PB170213BL | Lab File ID: PD090778.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/23/2025

Date Analyzed (1): 10/23/2025 | Date Analyzed (2): 10/23/2025

Time Analyzed (1): 13:16 | Time Analyzed (2): 13:16

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|---|
| PB170213BS | PB170213BS | PD090779.D | 10/23/2025 | 10/23/2025 |
| PR132-S07-000102-20251017MS | Q3395-03MS | PD090784.D | 10/23/2025 | 10/23/2025 |
| PR132-S07-000102-20251017MSD | Q3395-04MSD | PD090785.D | 10/23/2025 | 10/23/2025 |
| PR132-WC1-20251022 | Q3434-01 | PD090804.D | 10/23/2025 | 10/23/2025 |

COMMENTS:

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170287BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3434

Lab Sample ID: PB170287BL | Lab File ID: PD090887.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/28/2025

Date Analyzed (1): 10/28/2025 | Date Analyzed (2): 10/28/2025

Time Analyzed (1): 16:43 | Time Analyzed (2): 16:43

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|---|
| PB170287BS | PB170287BS | PD090888.D | 10/28/2025 | 10/28/2025 |
| PB170287BSD | PB170287BSD | PD090889.D | 10/28/2025 | 10/28/2025 |
| PR132-WC2-20251022 | Q3434-02 | PD090890.D | 10/28/2025 | 10/28/2025 |

COMMENTS:

# QC SAMPLE DATA

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | |
| Client Sample ID: | PB170213BL | SDG No.: | Q3434 |
| Lab Sample ID: | PB170213BL | Matrix: | SOIL |
| Analytical Method: | 8081B | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 g Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3541 Prep Date 10/23/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 1.70 | U | 1 | 0.13 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 319-85-7 | beta-BHC | 1.70 | U | 1 | 0.18 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 319-86-8 | delta-BHC | 1.70 | U | 1 | 0.39 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 58-89-9 | gamma-BHC (Lindane) | 1.70 | U | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 76-44-8 | Heptachlor | 1.70 | U | 1 | 0.12 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 309-00-2 | Aldrin | 1.70 | U | 1 | 0.12 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 1024-57-3 | Heptachlor epoxide | 1.70 | U | 1 | 0.19 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 959-98-8 | Endosulfan I | 1.70 | U | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 60-57-1 | Dieldrin | 1.70 | U | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 72-55-9 | 4,4-DDE | 1.70 | U | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 72-20-8 | Endrin | 1.70 | U | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 33213-65-9 | Endosulfan II | 1.70 | U | 1 | 0.29 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 72-54-8 | 4,4-DDD | 1.70 | U | 1 | 0.15 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 1031-07-8 | Endosulfan Sulfate | 1.70 | U | 1 | 0.13 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 50-29-3 | 4,4-DDT | 1.70 | U | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 72-43-5 | Methoxychlor | 1.70 | U | 1 | 0.37 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 53494-70-5 | Endrin ketone | 1.70 | U | 1 | 0.19 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 7421-93-4 | Endrin aldehyde | 1.70 | U | 1 | 0.37 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 5103-71-9 | alpha-Chlordane | 1.70 | U | 1 | 0.12 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 5103-74-2 | gamma-Chlordane | 1.70 | U | 1 | 0.15 | 1.70 | ug/kg | 10/23/25 13:16 | PB170213 |
| 8001-35-2 | Toxaphene | 33.0 | U | 1 | 5.40 | 33.0 | ug/kg | 10/23/25 13:16 | PB170213 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 23.8 | | | 20 - 144 | 119% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.1 | | | 19 - 148 | 101% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | |
| Client Sample ID: | PB170287BL | SDG No.: | Q3434 |
| Lab Sample ID: | PB170287BL | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3510 Prep Date 10/28/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 16:43 | PB170287 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/28/25 16:43 | PB170287 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 20.5 | | | 57 - 171 | 102% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.4 | | | 61 - 148 | 102% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PIBLK-PD090647.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090647.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/17/25 | pd101725 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/17/25 | pd101725 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 21.3 | | | 57 - 171 | 106% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.0 | | | 61 - 148 | 100% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/23/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/23/25 |
| Client Sample ID: | PIBLK-PD090775.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090775.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/23/25 | Pd102325 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 24.9 | | | 57 - 171 | 124% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 21.1 | | | 61 - 148 | 106% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/23/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/23/25 |
| Client Sample ID: | PIBLK-PD090788.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090788.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/23/25 | Pd102325 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 23.5 | | | 57 - 171 | 117% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.8 | | | 61 - 148 | 104% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/23/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/23/25 |
| Client Sample ID: | PIBLK-PD090799.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090799.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/23/25 | Pd102325 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 23.4 | | | 57 - 171 | 117% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.3 | | | 61 - 148 | 101% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/23/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/23/25 |
| Client Sample ID: | PIBLK-PD090805.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090805.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/23/25 | Pd102325 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/23/25 | Pd102325 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 22.2 | | | 57 - 171 | 111% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.4 | | | 61 - 148 | 102% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/28/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/28/25 |
| Client Sample ID: | PIBLK-PD090879.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090879.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/28/25 | pd102825 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 24.9 | | | 57 - 171 | 125% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 21.8 | | | 61 - 148 | 109% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/28/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/28/25 |
| Client Sample ID: | PIBLK-PD090891.D | SDG No.: | Q3434 |
| Lab Sample ID: | I.BLK-PD090891.D | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 319-85-7 | beta-BHC | 0.050 | U | 1 | 0.0049 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 319-86-8 | delta-BHC | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 76-44-8 | Heptachlor | 0.050 | U | 1 | 0.0027 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 309-00-2 | Aldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 1 | 0.0096 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 959-98-8 | Endosulfan I | 0.050 | U | 1 | 0.0031 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 60-57-1 | Dieldrin | 0.050 | U | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-55-9 | 4,4-DDE | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-20-8 | Endrin | 0.050 | U | 1 | 0.0032 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 1 | 0.0079 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-54-8 | 4,4-DDD | 0.050 | U | 1 | 0.0071 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 1031-07-8 | Endosulfan Sulfate | 0.050 | U | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 50-29-3 | 4,4-DDT | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 72-43-5 | Methoxychlor | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 1 | 0.0093 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 1 | 0.011 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 | pd102825 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/28/25 | pd102825 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 23.0 | | | 57 - 171 | 115% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 21.6 | | | 61 - 148 | 108% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | |
| Client Sample ID: | PB170213BS | SDG No.: | Q3434 |
| Lab Sample ID: | PB170213BS | Matrix: | SOIL |
| Analytical Method: | 8081B | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3541 Prep Date 10/23/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 15.7 | | 1 | 0.13 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 319-85-7 | beta-BHC | 15.6 | | 1 | 0.18 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 319-86-8 | delta-BHC | 15.9 | | 1 | 0.39 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 58-89-9 | gamma-BHC (Lindane) | 15.7 | | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 76-44-8 | Heptachlor | 18.2 | | 1 | 0.12 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 309-00-2 | Aldrin | 15.9 | | 1 | 0.12 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 1024-57-3 | Heptachlor epoxide | 15.9 | | 1 | 0.19 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 959-98-8 | Endosulfan I | 15.6 | | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 60-57-1 | Dieldrin | 16.3 | | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 72-55-9 | 4,4-DDE | 16.4 | | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 72-20-8 | Endrin | 16.5 | | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 33213-65-9 | Endosulfan II | 16.6 | | 1 | 0.29 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 72-54-8 | 4,4-DDD | 16.8 | | 1 | 0.15 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 1031-07-8 | Endosulfan Sulfate | 16.7 | | 1 | 0.13 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 50-29-3 | 4,4-DDT | 17.0 | | 1 | 0.14 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 72-43-5 | Methoxychlor | 16.8 | | 1 | 0.37 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 53494-70-5 | Endrin ketone | 17.5 | | 1 | 0.19 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 7421-93-4 | Endrin aldehyde | 17.1 | | 1 | 0.37 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 5103-71-9 | alpha-Chlordane | 16.0 | | 1 | 0.12 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 5103-74-2 | gamma-Chlordane | 16.1 | | 1 | 0.15 | 1.70 | ug/kg | 10/23/25 13:30 | PB170213 |
| 8001-35-2 | Toxaphene | 33.0 | U | 1 | 5.40 | 33.0 | ug/kg | 10/23/25 13:30 | PB170213 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 26.0 | | | 20 - 144 | 130% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.3 | | | 19 - 148 | 91% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | |
| Client Sample ID: | PB170287BS | SDG No.: | Q3434 |
| Lab Sample ID: | PB170287BS | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3510 Prep Date 10/28/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.48 | | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 319-85-7 | beta-BHC | 0.46 | | 1 | 0.0049 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 319-86-8 | delta-BHC | 0.48 | | 1 | 0.011 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 58-89-9 | gamma-BHC (Lindane) | 0.47 | | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 76-44-8 | Heptachlor | 0.56 | | 1 | 0.0027 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 309-00-2 | Aldrin | 0.47 | | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 1024-57-3 | Heptachlor epoxide | 0.49 | | 1 | 0.0096 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 959-98-8 | Endosulfan I | 0.47 | | 1 | 0.0031 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 60-57-1 | Dieldrin | 0.47 | | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 72-55-9 | 4,4-DDE | 0.47 | | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 72-20-8 | Endrin | 0.45 | | 1 | 0.0032 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 33213-65-9 | Endosulfan II | 0.47 | | 1 | 0.0079 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 72-54-8 | 4,4-DDD | 0.51 | | 1 | 0.0071 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 1031-07-8 | Endosulfan Sulfate | 0.46 | | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 50-29-3 | 4,4-DDT | 0.45 | | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 72-43-5 | Methoxychlor | 0.45 | | 1 | 0.011 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 53494-70-5 | Endrin ketone | 0.49 | | 1 | 0.0093 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 7421-93-4 | Endrin aldehyde | 0.48 | | 1 | 0.011 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 5103-71-9 | alpha-Chlordane | 0.49 | | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 5103-74-2 | gamma-Chlordane | 0.47 | | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 16:57 | PB170287 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/28/25 16:57 | PB170287 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 19.3 | | | 57 - 171 | 96% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.6 | | | 61 - 148 | 78% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | |
| Client Sample ID: | PB170287BSD | SDG No.: | Q3434 |
| Lab Sample ID: | PB170287BSD | Matrix: | WATER |
| Analytical Method: | 8081B | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3510 Prep Date 10/28/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 0.47 | | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 319-85-7 | beta-BHC | 0.46 | | 1 | 0.0049 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 319-86-8 | delta-BHC | 0.48 | | 1 | 0.011 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 58-89-9 | gamma-BHC (Lindane) | 0.46 | | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 76-44-8 | Heptachlor | 0.55 | | 1 | 0.0027 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 309-00-2 | Aldrin | 0.47 | | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 1024-57-3 | Heptachlor epoxide | 0.49 | | 1 | 0.0096 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 959-98-8 | Endosulfan I | 0.47 | | 1 | 0.0031 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 60-57-1 | Dieldrin | 0.47 | | 1 | 0.0036 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 72-55-9 | 4,4-DDE | 0.46 | | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 72-20-8 | Endrin | 0.45 | | 1 | 0.0032 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 33213-65-9 | Endosulfan II | 0.46 | | 1 | 0.0079 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 72-54-8 | 4,4-DDD | 0.50 | | 1 | 0.0071 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 1031-07-8 | Endosulfan Sulfate | 0.46 | | 1 | 0.0037 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 50-29-3 | 4,4-DDT | 0.44 | | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 72-43-5 | Methoxychlor | 0.45 | | 1 | 0.011 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 53494-70-5 | Endrin ketone | 0.49 | | 1 | 0.0093 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 7421-93-4 | Endrin aldehyde | 0.48 | | 1 | 0.011 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 5103-71-9 | alpha-Chlordane | 0.50 | | 1 | 0.0035 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 5103-74-2 | gamma-Chlordane | 0.46 | | 1 | 0.0039 | 0.050 | ug/L | 10/28/25 17:11 | PB170287 |
| 8001-35-2 | Toxaphene | 1.00 | U | 1 | 0.17 | 1.00 | ug/L | 10/28/25 17:11 | PB170287 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 19.7 | | | 57 - 171 | 98% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.1 | | | 61 - 148 | 76% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PR132-S07-000102-20251017MS | SDG No.: | Q3434 |
| Lab Sample ID: | Q3395-03MS | Matrix: | SOIL |
| Analytical Method: | 8081B | % Solid: | 47.9 |
| Sample Wt/Vol: | 30.01 g Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3541 Prep Date 10/23/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 31.9 | | 1 | 0.27 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 319-85-7 | beta-BHC | 28.9 | | 1 | 0.38 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 319-86-8 | delta-BHC | 32.6 | | 1 | 0.81 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 58-89-9 | gamma-BHC (Lindane) | 31.9 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 76-44-8 | Heptachlor | 38.0 | | 1 | 0.25 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 309-00-2 | Aldrin | 32.6 | | 1 | 0.25 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 1024-57-3 | Heptachlor epoxide | 33.3 | | 1 | 0.40 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 959-98-8 | Endosulfan I | 32.6 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 60-57-1 | Dieldrin | 32.7 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 72-55-9 | 4,4-DDE | 36.6 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 72-20-8 | Endrin | 32.6 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 33213-65-9 | Endosulfan II | 31.1 | | 1 | 0.61 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 72-54-8 | 4,4-DDD | 34.6 | | 1 | 0.31 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 1031-07-8 | Endosulfan Sulfate | 32.5 | | 1 | 0.27 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 50-29-3 | 4,4-DDT | 33.8 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 72-43-5 | Methoxychlor | 33.5 | | 1 | 0.77 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 53494-70-5 | Endrin ketone | 33.7 | | 1 | 0.40 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 7421-93-4 | Endrin aldehyde | 32.9 | | 1 | 0.77 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 5103-71-9 | alpha-Chlordane | 36.2 | | 1 | 0.25 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 5103-74-2 | gamma-Chlordane | 31.6 | | 1 | 0.31 | 3.50 | ug/kg | 10/23/25 14:44 | PB170213 |
| 8001-35-2 | Toxaphene | 68.9 | U | 1 | 11.3 | 68.9 | ug/kg | 10/23/25 14:44 | PB170213 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 15.5 | | | 20 - 144 | 77% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.5 | | | 19 - 148 | 78% | SPK: 20 | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PR132-S07-000102-20251017MSD | SDG No.: | Q3434 |
| Lab Sample ID: | Q3395-04MSD | Matrix: | SOIL |
| Analytical Method: | 8081B | % Solid: | 47.9 |
| Sample Wt/Vol: | 30.08 g Final Vol: 10000 uL | Test: | Pesticide-TCL |
| Prep Method: | SW3541 Prep Date 10/23/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 319-84-6 | alpha-BHC | 31.9 | | 1 | 0.27 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 319-85-7 | beta-BHC | 28.9 | | 1 | 0.37 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 319-86-8 | delta-BHC | 32.6 | | 1 | 0.81 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 58-89-9 | gamma-BHC (Lindane) | 31.9 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 76-44-8 | Heptachlor | 38.1 | | 1 | 0.25 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 309-00-2 | Aldrin | 32.6 | | 1 | 0.25 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 1024-57-3 | Heptachlor epoxide | 32.4 | | 1 | 0.40 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 959-98-8 | Endosulfan I | 31.9 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 60-57-1 | Dieldrin | 32.9 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 72-55-9 | 4,4-DDE | 37.2 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 72-20-8 | Endrin | 32.1 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 33213-65-9 | Endosulfan II | 31.5 | | 1 | 0.60 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 72-54-8 | 4,4-DDD | 34.4 | | 1 | 0.31 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 1031-07-8 | Endosulfan Sulfate | 32.5 | | 1 | 0.27 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 50-29-3 | 4,4-DDT | 34.0 | | 1 | 0.29 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 72-43-5 | Methoxychlor | 33.2 | | 1 | 0.77 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 53494-70-5 | Endrin ketone | 34.1 | | 1 | 0.40 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 7421-93-4 | Endrin aldehyde | 32.8 | | 1 | 0.77 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 5103-71-9 | alpha-Chlordane | 31.4 | | 1 | 0.25 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 5103-74-2 | gamma-Chlordane | 31.3 | | 1 | 0.31 | 3.50 | ug/kg | 10/23/25 14:57 | PB170213 |
| 8001-35-2 | Toxaphene | 68.7 | U | 1 | 11.3 | 68.7 | ug/kg | 10/23/25 14:57 | PB170213 |
| **SURROGATES** | | | | | | | | | |
| 2051-24-3 | Decachlorobiphenyl | 16.4 | | | 20 - 144 | 82% | SPK: 20 | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.4 | | | 19 - 148 | 82% | SPK: 20 | | |

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

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

## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Instrument ID:** ECD_D **Calibration Date(s):** 10/17/2025 10/17/2025

**Calibration Times:** 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

**LAB FILE ID:** RT 100 = PD090650.D RT 075 = PD090651.D

RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

| COMPOUND | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.70 | 6.70 | 6.70 | 6.70 | 6.70 | 6.70 | 6.60 | 6.80 |
| 4,4'-DDE | 6.19 | 6.19 | 6.19 | 6.19 | 6.19 | 6.19 | 6.09 | 6.29 |
| 4,4'-DDT | 7.02 | 7.02 | 7.02 | 7.02 | 7.02 | 7.02 | 6.92 | 7.12 |
| Aldrin | 5.26 | 5.27 | 5.26 | 5.26 | 5.26 | 5.26 | 5.16 | 5.36 |
| alpha-BHC | 3.99 | 3.99 | 3.99 | 3.99 | 3.99 | 3.99 | 3.89 | 4.09 |
| alpha-Chlordane | 6.02 | 6.02 | 6.02 | 6.02 | 6.02 | 6.02 | 5.92 | 6.12 |
| beta-BHC | 4.51 | 4.51 | 4.51 | 4.51 | 4.51 | 4.51 | 4.41 | 4.61 |
| Decachlorobiphenyl | 9.07 | 9.07 | 9.06 | 9.07 | 9.07 | 9.07 | 8.97 | 9.17 |
| delta-BHC | 4.76 | 4.76 | 4.76 | 4.76 | 4.76 | 4.76 | 4.66 | 4.86 |
| Dieldrin | 6.34 | 6.34 | 6.34 | 6.34 | 6.34 | 6.34 | 6.24 | 6.44 |
| Endosulfan I | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 5.97 | 6.17 |
| Endosulfan II | 6.78 | 6.78 | 6.78 | 6.78 | 6.78 | 6.78 | 6.68 | 6.88 |
| Endosulfan sulfate | 7.15 | 7.15 | 7.15 | 7.14 | 7.14 | 7.14 | 7.04 | 7.24 |
| Endrin | 6.57 | 6.57 | 6.57 | 6.57 | 6.57 | 6.57 | 6.47 | 6.67 |
| Endrin aldehyde | 6.91 | 6.91 | 6.91 | 6.91 | 6.91 | 6.91 | 6.81 | 7.01 |
| Endrin ketone | 7.63 | 7.63 | 7.63 | 7.63 | 7.62 | 7.62 | 7.52 | 7.72 |
| gamma-BHC (Lindane) | 4.32 | 4.33 | 4.33 | 4.32 | 4.32 | 4.32 | 4.22 | 4.42 |
| gamma-Chlordane | 5.94 | 5.94 | 5.94 | 5.94 | 5.94 | 5.94 | 5.84 | 6.04 |
| Heptachlor | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.82 | 5.02 |
| Heptachlor epoxide | 5.69 | 5.69 | 5.68 | 5.68 | 5.68 | 5.68 | 5.58 | 5.78 |
| Methoxychlor | 7.49 | 7.49 | 7.49 | 7.49 | 7.49 | 7.49 | 7.39 | 7.59 |
| Tetrachloro-m-xylene | 3.54 | 3.55 | 3.55 | 3.54 | 3.54 | 3.54 | 3.44 | 3.64 |

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

## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_D
**Contract:** AECO02
**SDG NO.:** Q3434
**Calibration Date(s):** 10/17/2025 10/17/2025
**Calibration Times:** 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

**LAB FILE ID:** RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

| COMPOUND | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.92 | 5.92 | 5.92 | 5.92 | 5.92 | 5.92 | 5.82 | 6.02 |
| 4,4'-DDE | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.27 | 5.47 |
| 4,4'-DDT | 6.17 | 6.18 | 6.17 | 6.17 | 6.18 | 6.17 | 6.07 | 6.27 |
| Aldrin | 4.36 | 4.36 | 4.36 | 4.36 | 4.36 | 4.36 | 4.26 | 4.46 |
| alpha-BHC | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.29 | 3.49 |
| alpha-Chlordane | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 | 5.08 | 5.28 |
| beta-BHC | 4.02 | 4.02 | 4.02 | 4.02 | 4.02 | 4.02 | 3.92 | 4.12 |
| Decachlorobiphenyl | 8.06 | 8.06 | 8.06 | 8.06 | 8.06 | 8.06 | 7.96 | 8.16 |
| delta-BHC | 4.26 | 4.26 | 4.26 | 4.26 | 4.26 | 4.26 | 4.16 | 4.36 |
| Dieldrin | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.40 | 5.60 |
| Endosulfan I | 5.24 | 5.24 | 5.24 | 5.24 | 5.24 | 5.24 | 5.14 | 5.34 |
| Endosulfan II | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 5.97 | 6.17 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.47 | 6.47 | 6.47 | 6.47 | 6.37 | 6.57 |
| Endrin | 5.78 | 5.78 | 5.78 | 5.78 | 5.78 | 5.78 | 5.68 | 5.88 |
| Endrin aldehyde | 6.25 | 6.25 | 6.25 | 6.25 | 6.25 | 6.25 | 6.15 | 6.35 |
| Endrin ketone | 6.98 | 6.98 | 6.98 | 6.98 | 6.98 | 6.98 | 6.88 | 7.08 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.72 | 3.72 | 3.72 | 3.72 | 3.62 | 3.82 |
| gamma-Chlordane | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.02 | 5.22 |
| Heptachlor | 4.08 | 4.08 | 4.08 | 4.07 | 4.08 | 4.07 | 3.97 | 4.17 |
| Heptachlor epoxide | 4.86 | 4.87 | 4.86 | 4.86 | 4.86 | 4.86 | 4.76 | 4.96 |
| Methoxychlor | 6.75 | 6.75 | 6.75 | 6.74 | 6.75 | 6.74 | 6.64 | 6.84 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.88 | 2.87 | 2.87 | 2.87 | 2.77 | 2.97 |

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

## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_D

**Contract:** AECO02
**SDG NO.:** Q3434
**Calibration Date(s):** 10/17/2025 10/17/2025
**Calibration Times:** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

**LAB FILE ID:** **CF 100 =** PD090650.D **CF 075 =** PD090651.D
**CF 050 =** PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

| COMPOUND | CF 100 | CF 075 | CF 050 | CF 025 | CF 005 | CF | % RSD |
|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 4150980000 | 4075270000 | 4055470000 | 3840760000 | 4148570000 | 4054210000 | 3 |
| 4,4'-DDE | 5435610000 | 5370750000 | 5317610000 | 5053060000 | 5456160000 | 5326640000 | 3 |
| 4,4'-DDT | 4256810000 | 4152600000 | 4117930000 | 3927880000 | 4097130000 | 4110470000 | 3 |
| Aldrin | 6694230000 | 6562230000 | 6516940000 | 6238140000 | 6724820000 | 6547270000 | 3 |
| alpha-BHC | 7752530000 | 7402380000 | 7252210000 | 6743070000 | 6735520000 | 7177140000 | 6 |
| alpha-Chlordane | 5966070000 | 5905470000 | 5938650000 | 6170460000 | 6920630000 | 6180250000 | 7 |
| beta-BHC | 2515210000 | 2489310000 | 2540370000 | 2560620000 | 2992650000 | 2619630000 | 8 |
| Decachlorobiphenyl | 4361180000 | 4315270000 | 4506230000 | 4707060000 | 5500070000 | 4677960000 | 10 |
| delta-BHC | 7169260000 | 6905720000 | 6771510000 | 6342450000 | 6619680000 | 6761720000 | 5 |
| Dieldrin | 5929890000 | 5841940000 | 5818180000 | 5550330000 | 6016400000 | 5831350000 | 3 |
| Endosulfan I | 5452270000 | 5404490000 | 5449050000 | 5348660000 | 6028770000 | 5536650000 | 5 |
| Endosulfan II | 4873230000 | 4835950000 | 4885080000 | 4789750000 | 5615800000 | 4999960000 | 7 |
| Endosulfan sulfate | 4557060000 | 4504850000 | 4556170000 | 4479960000 | 5092920000 | 4638190000 | 6 |
| Endrin | 5035940000 | 4962910000 | 4938250000 | 4711180000 | 5120260000 | 4953710000 | 3 |
| Endrin aldehyde | 3505880000 | 3507960000 | 3571680000 | 3579710000 | 4148280000 | 3662700000 | 7 |
| Endrin ketone | 4819770000 | 4736510000 | 4782320000 | 4695250000 | 5260400000 | 4858850000 | 5 |
| gamma-BHC (Lindane) | 7185880000 | 6905860000 | 6799650000 | 6417980000 | 6684750000 | 6798820000 | 4 |
| gamma-Chlordane | 5972450000 | 5894040000 | 5855640000 | 5592670000 | 6341090000 | 5931180000 | 5 |
| Heptachlor | 5757910000 | 5597510000 | 5545540000 | 5288860000 | 5757970000 | 5589560000 | 3 |
| Heptachlor epoxide | 5795570000 | 5708170000 | 5718680000 | 5584980000 | 6137920000 | 5789060000 | 4 |
| Methoxychlor | 2050060000 | 2015340000 | 2078640000 | 2094570000 | 2389310000 | 2125590000 | 7 |
| Tetrachloro-m-xylene | 3010860000 | 2951180000 | 3030100000 | 3124300000 | 3454390000 | 3114160000 | 6 |

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

## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_D

**Contract:** AECO02
**SDG NO.:** Q3434
**Calibration Date(s):** 10/17/2025 10/17/2025
**Calibration Times:** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

**LAB FILE ID:** CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

| COMPOUND | CF 100 | CF 075 | CF 050 | CF 025 | CF 005 | CF | % RSD |
|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 33708900000 | 34309400000 | 35560900000 | 36237500000 | 42373300000 | 36438000000 | 10 |
| 4,4'-DDE | 40500800000 | 41191000000 | 42548600000 | 43577200000 | 51373700000 | 43838300000 | 10 |
| 4,4'-DDT | 33888000000 | 33982600000 | 34868200000 | 34959100000 | 37667600000 | 35073100000 | 4 |
| Aldrin | 43083800000 | 43574800000 | 45033800000 | 46172400000 | 53729700000 | 46318900000 | 9 |
| alpha-BHC | 49118000000 | 48392000000 | 49683700000 | 50500300000 | 57784900000 | 51095800000 | 7 |
| alpha-Chlordane | 40004000000 | 40550200000 | 41893000000 | 42708900000 | 50532500000 | 43137700000 | 10 |
| beta-BHC | 18296700000 | 18365500000 | 19080800000 | 19804100000 | 23600800000 | 19829500000 | 11 |
| Decachlorobiphenyl | 28856800000 | 28247200000 | 29308000000 | 30057200000 | 34987600000 | 30291400000 | 9 |
| delta-BHC | 45324900000 | 45220200000 | 46466400000 | 47155800000 | 54416000000 | 47716700000 | 8 |
| Dieldrin | 40601100000 | 41425500000 | 43096200000 | 44203200000 | 51593900000 | 44184000000 | 10 |
| Endosulfan I | 35728600000 | 36586400000 | 38185700000 | 39478600000 | 46972400000 | 39390300000 | 11 |
| Endosulfan II | 34269700000 | 34968100000 | 36432200000 | 37520200000 | 44587200000 | 37555500000 | 11 |
| Endosulfan sulfate | 32963400000 | 33538900000 | 34960800000 | 35861000000 | 41900900000 | 35845000000 | 10 |
| Endrin | 36902000000 | 37827400000 | 39400900000 | 40693000000 | 47646500000 | 40494000000 | 11 |
| Endrin aldehyde | 25110900000 | 25739400000 | 26893100000 | 27767400000 | 32953200000 | 27692800000 | 11 |
| Endrin ketone | 34460000000 | 35020500000 | 36550700000 | 37816700000 | 44740900000 | 37717800000 | 11 |
| gamma-BHC (Lindane) | 44964800000 | 44604900000 | 45972800000 | 46808300000 | 53893500000 | 47248900000 | 8 |
| gamma-Chlordane | 41920800000 | 42422300000 | 43748100000 | 44346600000 | 52306700000 | 44948900000 | 9 |
| Heptachlor | 41272300000 | 41810600000 | 43239300000 | 44502900000 | 52189000000 | 44602800000 | 10 |
| Heptachlor epoxide | 38203400000 | 38891500000 | 40672900000 | 42374400000 | 53052500000 | 42639000000 | 14 |
| Methoxychlor | 16116900000 | 16316400000 | 17198900000 | 17735100000 | 19771700000 | 17427800000 | 8 |
| Tetrachloro-m-xylene | 27903400000 | 27689100000 | 28617400000 | 29726500000 | 34949400000 | 29777100000 | 10 |

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

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Instrument ID:** ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Toxaphene | 500 | 1 | 6.24 | 6.14 | 6.34 | 32564400 |
| | | 2 | 6.44 | 6.34 | 6.54 | 48621800 |
| | | 3 | 7.14 | 7.04 | 7.24 | 85710600 |
| | | 4 | 7.56 | 7.46 | 7.66 | 95737400 |
| | | 5 | 7.92 | 7.82 | 8.02 | 60480500 |

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

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Instrument ID:** ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Toxaphene | 500 | 1 | 5.47 | 5.37 | 5.57 | 263702000 |
| | | 2 | 5.64 | 5.54 | 5.74 | 176560000 |
| | | 3 | 6.75 | 6.65 | 6.85 | 658883000 |
| | | 4 | 7.19 | 7.09 | 7.29 | 495104000 |
| | | 5 | 7.32 | 7.22 | 7.42 | 246033000 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 09:51 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.07 | 9.06 | 8.96 | 9.16 | 0.00 |
| Tetrachloro-m-xylene | 3.54 | 3.55 | 3.45 | 3.65 | 0.01 |
| alpha-BHC | 3.99 | 3.99 | 3.89 | 4.09 | 0.00 |
| beta-BHC | 4.51 | 4.51 | 4.41 | 4.61 | 0.00 |
| delta-BHC | 4.76 | 4.76 | 4.66 | 4.86 | 0.00 |
| gamma-BHC (Lindane) | 4.32 | 4.33 | 4.23 | 4.43 | 0.01 |
| Heptachlor | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aldrin | 5.26 | 5.26 | 5.16 | 5.36 | 0.00 |
| Heptachlor epoxide | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Endosulfan I | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| Dieldrin | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| 4,4'-DDE | 6.19 | 6.19 | 6.09 | 6.29 | 0.00 |
| Endrin | 6.57 | 6.57 | 6.47 | 6.67 | 0.00 |
| Endosulfan II | 6.78 | 6.78 | 6.68 | 6.88 | 0.00 |
| 4,4'-DDD | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Endosulfan sulfate | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| 4,4'-DDT | 7.02 | 7.02 | 6.92 | 7.12 | 0.01 |
| Methoxychlor | 7.49 | 7.49 | 7.39 | 7.59 | 0.00 |
| Endrin ketone | 7.63 | 7.63 | 7.53 | 7.73 | 0.00 |
| Endrin aldehyde | 6.91 | 6.91 | 6.81 | 7.01 | 0.00 |
| alpha-Chlordane | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| gamma-Chlordane | 5.94 | 5.94 | 5.84 | 6.04 | 0.00 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 09:51 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.06 | 8.06 | 7.96 | 8.16 | 0.00 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.78 | 2.98 | 0.01 |
| alpha-BHC | 3.39 | 3.39 | 3.29 | 3.49 | 0.01 |
| beta-BHC | 4.02 | 4.02 | 3.92 | 4.12 | 0.00 |
| delta-BHC | 4.25 | 4.26 | 4.16 | 4.36 | 0.01 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.62 | 3.82 | 0.00 |
| Heptachlor | 4.07 | 4.08 | 3.98 | 4.18 | 0.01 |
| Aldrin | 4.36 | 4.36 | 4.26 | 4.46 | 0.00 |
| Heptachlor epoxide | 4.86 | 4.86 | 4.76 | 4.96 | 0.00 |
| Endosulfan I | 5.24 | 5.24 | 5.14 | 5.34 | 0.00 |
| Dieldrin | 5.50 | 5.50 | 5.40 | 5.60 | 0.00 |
| 4,4'-DDE | 5.37 | 5.37 | 5.27 | 5.47 | 0.01 |
| Endrin | 5.78 | 5.78 | 5.68 | 5.88 | 0.00 |
| Endosulfan II | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| 4,4'-DDD | 5.92 | 5.92 | 5.82 | 6.02 | 0.00 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.37 | 6.57 | 0.00 |
| 4,4'-DDT | 6.17 | 6.17 | 6.07 | 6.27 | 0.00 |
| Methoxychlor | 6.74 | 6.75 | 6.65 | 6.85 | 0.01 |
| Endrin ketone | 6.98 | 6.98 | 6.88 | 7.08 | 0.00 |
| Endrin aldehyde | 6.25 | 6.25 | 6.15 | 6.35 | 0.00 |
| alpha-Chlordane | 5.18 | 5.18 | 5.08 | 5.28 | 0.00 |
| gamma-Chlordane | 5.12 | 5.12 | 5.02 | 5.22 | 0.00 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090777.D **Time Analyzed:** 09:51

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.700 | 6.600 | 6.800 | 51.850 | 50.000 | 3.7 |
| 4,4'-DDE | 6.189 | 6.090 | 6.290 | 48.380 | 50.000 | -3.2 |
| 4,4'-DDT | 7.015 | 6.915 | 7.115 | 50.550 | 50.000 | 1.1 |
| Aldrin | 5.264 | 5.164 | 5.364 | 48.990 | 50.000 | -2.0 |
| alpha-BHC | 3.993 | 3.894 | 4.094 | 48.830 | 50.000 | -2.3 |
| alpha-Chlordane | 6.020 | 5.921 | 6.121 | 47.100 | 50.000 | -5.8 |
| beta-BHC | 4.511 | 4.412 | 4.612 | 47.710 | 50.000 | -4.6 |
| Decachlorobiphenyl | 9.065 | 8.964 | 9.164 | 46.870 | 50.000 | -6.3 |
| delta-BHC | 4.760 | 4.660 | 4.860 | 49.110 | 50.000 | -1.8 |
| Dieldrin | 6.340 | 6.240 | 6.440 | 53.750 | 50.000 | 7.5 |
| Endosulfan I | 6.067 | 5.968 | 6.168 | 48.890 | 50.000 | -2.2 |
| Endosulfan II | 6.780 | 6.681 | 6.881 | 48.920 | 50.000 | -2.2 |
| Endosulfan sulfate | 7.144 | 7.045 | 7.245 | 48.770 | 50.000 | -2.5 |
| Endrin | 6.568 | 6.468 | 6.668 | 48.250 | 50.000 | -3.5 |
| Endrin aldehyde | 6.909 | 6.810 | 7.010 | 49.870 | 50.000 | -0.3 |
| Endrin ketone | 7.625 | 7.525 | 7.725 | 50.350 | 50.000 | 0.7 |
| gamma-BHC (Lindane) | 4.324 | 4.225 | 4.425 | 48.700 | 50.000 | -2.6 |
| gamma-Chlordane | 5.939 | 5.840 | 6.040 | 48.760 | 50.000 | -2.5 |
| Heptachlor | 4.922 | 4.823 | 5.023 | 57.680 | 50.000 | 15.4 |
| Heptachlor epoxide | 5.684 | 5.584 | 5.784 | 49.070 | 50.000 | -1.9 |
| Methoxychlor | 7.489 | 7.388 | 7.588 | 49.740 | 50.000 | -0.5 |
| Tetrachloro-m-xylene | 3.544 | 3.445 | 3.645 | 46.980 | 50.000 | -6.0 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090777.D **Time Analyzed:** 09:51

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.919 | 5.821 | 6.021 | 52.340 | 50.000 | 4.7 |
| 4,4'-DDE | 5.365 | 5.266 | 5.466 | 50.620 | 50.000 | 1.2 |
| 4,4'-DDT | 6.173 | 6.074 | 6.274 | 52.390 | 50.000 | 4.8 |
| Aldrin | 4.359 | 4.261 | 4.461 | 49.350 | 50.000 | -1.3 |
| alpha-BHC | 3.385 | 3.287 | 3.487 | 49.170 | 50.000 | -1.7 |
| alpha-Chlordane | 5.180 | 5.081 | 5.281 | 50.430 | 50.000 | 0.9 |
| beta-BHC | 4.018 | 3.919 | 4.119 | 49.080 | 50.000 | -1.8 |
| Decachlorobiphenyl | 8.060 | 7.962 | 8.162 | 56.190 | 50.000 | 12.4 |
| delta-BHC | 4.254 | 4.155 | 4.355 | 49.980 | 50.000 | 0.0 |
| Dieldrin | 5.502 | 5.404 | 5.604 | 50.350 | 50.000 | 0.7 |
| Endosulfan I | 5.237 | 5.138 | 5.338 | 49.460 | 50.000 | -1.1 |
| Endosulfan II | 6.071 | 5.972 | 6.172 | 51.700 | 50.000 | 3.4 |
| Endosulfan sulfate | 6.473 | 6.374 | 6.574 | 52.060 | 50.000 | 4.1 |
| Endrin | 5.779 | 5.681 | 5.881 | 50.000 | 50.000 | 0.0 |
| Endrin aldehyde | 6.249 | 6.150 | 6.350 | 52.230 | 50.000 | 4.5 |
| Endrin ketone | 6.982 | 6.883 | 7.083 | 54.530 | 50.000 | 9.1 |
| gamma-BHC (Lindane) | 3.722 | 3.623 | 3.823 | 50.900 | 50.000 | 1.8 |
| gamma-Chlordane | 5.116 | 5.017 | 5.217 | 50.990 | 50.000 | 2.0 |
| Heptachlor | 4.074 | 3.975 | 4.175 | 50.550 | 50.000 | 1.1 |
| Heptachlor epoxide | 4.863 | 4.764 | 4.964 | 49.090 | 50.000 | -1.8 |
| Methoxychlor | 6.743 | 6.645 | 6.845 | 52.100 | 50.000 | 4.2 |
| Tetrachloro-m-xylene | 2.874 | 2.775 | 2.975 | 48.790 | 50.000 | -2.4 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 15:52 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.07 | 9.06 | 8.96 | 9.16 | 0.00 |
| Tetrachloro-m-xylene | 3.54 | 3.55 | 3.45 | 3.65 | 0.01 |
| alpha-BHC | 3.99 | 3.99 | 3.89 | 4.09 | 0.00 |
| beta-BHC | 4.51 | 4.51 | 4.41 | 4.61 | 0.00 |
| delta-BHC | 4.76 | 4.76 | 4.66 | 4.86 | 0.00 |
| gamma-BHC (Lindane) | 4.33 | 4.33 | 4.23 | 4.43 | 0.01 |
| Heptachlor | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aldrin | 5.26 | 5.26 | 5.16 | 5.36 | 0.00 |
| Heptachlor epoxide | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Endosulfan I | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| Dieldrin | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| 4,4'-DDE | 6.19 | 6.19 | 6.09 | 6.29 | 0.00 |
| Endrin | 6.57 | 6.57 | 6.47 | 6.67 | 0.00 |
| Endosulfan II | 6.78 | 6.78 | 6.68 | 6.88 | 0.00 |
| 4,4'-DDD | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Endosulfan sulfate | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| 4,4'-DDT | 7.02 | 7.02 | 6.92 | 7.12 | 0.01 |
| Methoxychlor | 7.49 | 7.49 | 7.39 | 7.59 | 0.00 |
| Endrin ketone | 7.63 | 7.63 | 7.53 | 7.73 | 0.00 |
| Endrin aldehyde | 6.91 | 6.91 | 6.81 | 7.01 | 0.00 |
| alpha-Chlordane | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| gamma-Chlordane | 5.94 | 5.94 | 5.84 | 6.04 | 0.00 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 15:52 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.06 | 8.06 | 7.96 | 8.16 | 0.00 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.78 | 2.98 | 0.01 |
| alpha-BHC | 3.39 | 3.39 | 3.29 | 3.49 | 0.00 |
| beta-BHC | 4.02 | 4.02 | 3.92 | 4.12 | 0.00 |
| delta-BHC | 4.25 | 4.26 | 4.16 | 4.36 | 0.01 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.62 | 3.82 | 0.00 |
| Heptachlor | 4.07 | 4.08 | 3.98 | 4.18 | 0.01 |
| Aldrin | 4.36 | 4.36 | 4.26 | 4.46 | 0.00 |
| Heptachlor epoxide | 4.86 | 4.86 | 4.76 | 4.96 | 0.00 |
| Endosulfan I | 5.24 | 5.24 | 5.14 | 5.34 | 0.00 |
| Dieldrin | 5.50 | 5.50 | 5.40 | 5.60 | 0.00 |
| 4,4'-DDE | 5.37 | 5.37 | 5.27 | 5.47 | 0.01 |
| Endrin | 5.78 | 5.78 | 5.68 | 5.88 | 0.00 |
| Endosulfan II | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| 4,4'-DDD | 5.92 | 5.92 | 5.82 | 6.02 | 0.00 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.37 | 6.57 | 0.00 |
| 4,4'-DDT | 6.17 | 6.17 | 6.07 | 6.27 | 0.00 |
| Methoxychlor | 6.75 | 6.75 | 6.65 | 6.85 | 0.01 |
| Endrin ketone | 6.98 | 6.98 | 6.88 | 7.08 | 0.00 |
| Endrin aldehyde | 6.25 | 6.25 | 6.15 | 6.35 | 0.00 |
| alpha-Chlordane | 5.18 | 5.18 | 5.08 | 5.28 | 0.00 |
| gamma-Chlordane | 5.12 | 5.12 | 5.02 | 5.22 | 0.00 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090789.D **Time Analyzed:** 15:52

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.700 | 6.600 | 6.800 | 52.200 | 50.000 | 4.4 |
| 4,4'-DDE | 6.190 | 6.090 | 6.290 | 48.430 | 50.000 | -3.1 |
| 4,4'-DDT | 7.015 | 6.915 | 7.115 | 50.330 | 50.000 | 0.7 |
| Aldrin | 5.264 | 5.164 | 5.364 | 49.680 | 50.000 | -0.6 |
| alpha-BHC | 3.994 | 3.894 | 4.094 | 49.650 | 50.000 | -0.7 |
| alpha-Chlordane | 6.020 | 5.921 | 6.121 | 48.370 | 50.000 | -3.3 |
| beta-BHC | 4.512 | 4.412 | 4.612 | 48.230 | 50.000 | -3.5 |
| Decachlorobiphenyl | 9.065 | 8.964 | 9.164 | 46.570 | 50.000 | -6.9 |
| delta-BHC | 4.760 | 4.660 | 4.860 | 49.870 | 50.000 | -0.3 |
| Dieldrin | 6.341 | 6.240 | 6.440 | 53.620 | 50.000 | 7.2 |
| Endosulfan I | 6.068 | 5.968 | 6.168 | 49.180 | 50.000 | -1.6 |
| Endosulfan II | 6.781 | 6.681 | 6.881 | 49.040 | 50.000 | -1.9 |
| Endosulfan sulfate | 7.144 | 7.045 | 7.245 | 48.800 | 50.000 | -2.4 |
| Endrin | 6.568 | 6.468 | 6.668 | 48.740 | 50.000 | -2.5 |
| Endrin aldehyde | 6.910 | 6.810 | 7.010 | 49.920 | 50.000 | -0.2 |
| Endrin ketone | 7.625 | 7.525 | 7.725 | 51.650 | 50.000 | 3.3 |
| gamma-BHC (Lindane) | 4.325 | 4.225 | 4.425 | 49.350 | 50.000 | -1.3 |
| gamma-Chlordane | 5.940 | 5.840 | 6.040 | 48.820 | 50.000 | -2.4 |
| Heptachlor | 4.923 | 4.823 | 5.023 | 57.980 | 50.000 | 16.0 |
| Heptachlor epoxide | 5.684 | 5.584 | 5.784 | 49.800 | 50.000 | -0.4 |
| Methoxychlor | 7.488 | 7.388 | 7.588 | 48.700 | 50.000 | -2.6 |
| Tetrachloro-m-xylene | 3.544 | 3.445 | 3.645 | 47.960 | 50.000 | -4.1 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090789.D **Time Analyzed:** 15:52

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.920 | 5.821 | 6.021 | 51.790 | 50.000 | 3.6 |
| 4,4'-DDE | 5.365 | 5.266 | 5.466 | 50.080 | 50.000 | 0.2 |
| 4,4'-DDT | 6.174 | 6.074 | 6.274 | 51.520 | 50.000 | 3.0 |
| Aldrin | 4.360 | 4.261 | 4.461 | 49.410 | 50.000 | -1.2 |
| alpha-BHC | 3.386 | 3.287 | 3.487 | 49.590 | 50.000 | -0.8 |
| alpha-Chlordane | 5.181 | 5.081 | 5.281 | 49.880 | 50.000 | -0.2 |
| beta-BHC | 4.018 | 3.919 | 4.119 | 49.150 | 50.000 | -1.7 |
| Decachlorobiphenyl | 8.060 | 7.962 | 8.162 | 53.960 | 50.000 | 7.9 |
| delta-BHC | 4.254 | 4.155 | 4.355 | 49.980 | 50.000 | 0.0 |
| Dieldrin | 5.504 | 5.404 | 5.604 | 49.970 | 50.000 | -0.1 |
| Endosulfan I | 5.238 | 5.138 | 5.338 | 48.460 | 50.000 | -3.1 |
| Endosulfan II | 6.072 | 5.972 | 6.172 | 50.990 | 50.000 | 2.0 |
| Endosulfan sulfate | 6.474 | 6.374 | 6.574 | 51.260 | 50.000 | 2.5 |
| Endrin | 5.780 | 5.681 | 5.881 | 50.120 | 50.000 | 0.2 |
| Endrin aldehyde | 6.249 | 6.150 | 6.350 | 51.510 | 50.000 | 3.0 |
| Endrin ketone | 6.983 | 6.883 | 7.083 | 53.140 | 50.000 | 6.3 |
| gamma-BHC (Lindane) | 3.722 | 3.623 | 3.823 | 51.000 | 50.000 | 2.0 |
| gamma-Chlordane | 5.116 | 5.017 | 5.217 | 50.110 | 50.000 | 0.2 |
| Heptachlor | 4.074 | 3.975 | 4.175 | 50.660 | 50.000 | 1.3 |
| Heptachlor epoxide | 4.864 | 4.764 | 4.964 | 49.200 | 50.000 | -1.6 |
| Methoxychlor | 6.745 | 6.645 | 6.845 | 51.930 | 50.000 | 3.9 |
| Tetrachloro-m-xylene | 2.874 | 2.775 | 2.975 | 48.980 | 50.000 | -2.0 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 18:36 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.06 | 9.06 | 8.96 | 9.16 | 0.00 |
| Tetrachloro-m-xylene | 3.54 | 3.55 | 3.45 | 3.65 | 0.01 |
| alpha-BHC | 3.99 | 3.99 | 3.89 | 4.09 | 0.00 |
| beta-BHC | 4.51 | 4.51 | 4.41 | 4.61 | 0.00 |
| delta-BHC | 4.76 | 4.76 | 4.66 | 4.86 | 0.00 |
| gamma-BHC (Lindane) | 4.32 | 4.33 | 4.23 | 4.43 | 0.01 |
| Heptachlor | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aldrin | 5.26 | 5.26 | 5.16 | 5.36 | 0.00 |
| Heptachlor epoxide | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Endosulfan I | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| Dieldrin | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| 4,4'-DDE | 6.19 | 6.19 | 6.09 | 6.29 | 0.00 |
| Endrin | 6.57 | 6.57 | 6.47 | 6.67 | 0.00 |
| Endosulfan II | 6.78 | 6.78 | 6.68 | 6.88 | 0.00 |
| 4,4'-DDD | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Endosulfan sulfate | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| 4,4'-DDT | 7.02 | 7.02 | 6.92 | 7.12 | 0.01 |
| Methoxychlor | 7.49 | 7.49 | 7.39 | 7.59 | 0.00 |
| Endrin ketone | 7.63 | 7.63 | 7.53 | 7.73 | 0.00 |
| Endrin aldehyde | 6.91 | 6.91 | 6.81 | 7.01 | 0.00 |
| alpha-Chlordane | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| gamma-Chlordane | 5.94 | 5.94 | 5.84 | 6.04 | 0.00 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 18:36 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.06 | 8.06 | 7.96 | 8.16 | 0.00 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.78 | 2.98 | 0.01 |
| alpha-BHC | 3.39 | 3.39 | 3.29 | 3.49 | 0.00 |
| beta-BHC | 4.02 | 4.02 | 3.92 | 4.12 | 0.00 |
| delta-BHC | 4.25 | 4.26 | 4.16 | 4.36 | 0.01 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.62 | 3.82 | 0.00 |
| Heptachlor | 4.07 | 4.08 | 3.98 | 4.18 | 0.01 |
| Aldrin | 4.36 | 4.36 | 4.26 | 4.46 | 0.00 |
| Heptachlor epoxide | 4.86 | 4.86 | 4.76 | 4.96 | 0.00 |
| Endosulfan I | 5.24 | 5.24 | 5.14 | 5.34 | 0.00 |
| Dieldrin | 5.50 | 5.50 | 5.40 | 5.60 | 0.00 |
| 4,4'-DDE | 5.36 | 5.37 | 5.27 | 5.47 | 0.01 |
| Endrin | 5.78 | 5.78 | 5.68 | 5.88 | 0.00 |
| Endosulfan II | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| 4,4'-DDD | 5.92 | 5.92 | 5.82 | 6.02 | 0.00 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.37 | 6.57 | 0.00 |
| 4,4'-DDT | 6.17 | 6.17 | 6.07 | 6.27 | 0.00 |
| Methoxychlor | 6.74 | 6.75 | 6.65 | 6.85 | 0.01 |
| Endrin ketone | 6.98 | 6.98 | 6.88 | 7.08 | 0.00 |
| Endrin aldehyde | 6.25 | 6.25 | 6.15 | 6.35 | 0.00 |
| alpha-Chlordane | 5.18 | 5.18 | 5.08 | 5.28 | 0.00 |
| gamma-Chlordane | 5.12 | 5.12 | 5.02 | 5.22 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090801.D **Time Analyzed:** 18:36

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.699 | 6.600 | 6.800 | 52.820 | 50.000 | 5.6 |
| 4,4'-DDE | 6.189 | 6.090 | 6.290 | 49.000 | 50.000 | -2.0 |
| 4,4'-DDT | 7.015 | 6.915 | 7.115 | 47.740 | 50.000 | -4.5 |
| Aldrin | 5.263 | 5.164 | 5.364 | 49.600 | 50.000 | -0.8 |
| alpha-BHC | 3.993 | 3.894 | 4.094 | 49.450 | 50.000 | -1.1 |
| alpha-Chlordane | 6.020 | 5.921 | 6.121 | 49.100 | 50.000 | -1.8 |
| beta-BHC | 4.511 | 4.412 | 4.612 | 48.380 | 50.000 | -3.2 |
| Decachlorobiphenyl | 9.064 | 8.964 | 9.164 | 47.010 | 50.000 | -6.0 |
| delta-BHC | 4.759 | 4.660 | 4.860 | 49.640 | 50.000 | -0.7 |
| Dieldrin | 6.340 | 6.240 | 6.440 | 54.270 | 50.000 | 8.5 |
| Endosulfan I | 6.068 | 5.968 | 6.168 | 49.700 | 50.000 | -0.6 |
| Endosulfan II | 6.780 | 6.681 | 6.881 | 49.880 | 50.000 | -0.2 |
| Endosulfan sulfate | 7.143 | 7.045 | 7.245 | 49.320 | 50.000 | -1.4 |
| Endrin | 6.567 | 6.468 | 6.668 | 48.530 | 50.000 | -2.9 |
| Endrin aldehyde | 6.909 | 6.810 | 7.010 | 50.270 | 50.000 | 0.5 |
| Endrin ketone | 7.625 | 7.525 | 7.725 | 50.700 | 50.000 | 1.4 |
| gamma-BHC (Lindane) | 4.324 | 4.225 | 4.425 | 49.270 | 50.000 | -1.5 |
| gamma-Chlordane | 5.939 | 5.840 | 6.040 | 50.230 | 50.000 | 0.5 |
| Heptachlor | 4.922 | 4.823 | 5.023 | 55.240 | 50.000 | 10.5 |
| Heptachlor epoxide | 5.683 | 5.584 | 5.784 | 49.580 | 50.000 | -0.8 |
| Methoxychlor | 7.488 | 7.388 | 7.588 | 45.340 | 50.000 | -9.3 |
| Tetrachloro-m-xylene | 3.544 | 3.445 | 3.645 | 47.720 | 50.000 | -4.6 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090801.D **Time Analyzed:** 18:36

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.919 | 5.821 | 6.021 | 51.950 | 50.000 | 3.9 |
| 4,4'-DDE | 5.364 | 5.266 | 5.466 | 50.110 | 50.000 | 0.2 |
| 4,4'-DDT | 6.173 | 6.074 | 6.274 | 48.800 | 50.000 | -2.4 |
| Aldrin | 4.359 | 4.261 | 4.461 | 49.310 | 50.000 | -1.4 |
| alpha-BHC | 3.386 | 3.287 | 3.487 | 49.360 | 50.000 | -1.3 |
| alpha-Chlordane | 5.180 | 5.081 | 5.281 | 49.790 | 50.000 | -0.4 |
| beta-BHC | 4.018 | 3.919 | 4.119 | 48.800 | 50.000 | -2.4 |
| Decachlorobiphenyl | 8.060 | 7.962 | 8.162 | 54.790 | 50.000 | 9.6 |
| delta-BHC | 4.253 | 4.155 | 4.355 | 49.840 | 50.000 | -0.3 |
| Dieldrin | 5.503 | 5.404 | 5.604 | 49.980 | 50.000 | 0.0 |
| Endosulfan I | 5.237 | 5.138 | 5.338 | 48.550 | 50.000 | -2.9 |
| Endosulfan II | 6.071 | 5.972 | 6.172 | 51.000 | 50.000 | 2.0 |
| Endosulfan sulfate | 6.473 | 6.374 | 6.574 | 51.100 | 50.000 | 2.2 |
| Endrin | 5.780 | 5.681 | 5.881 | 49.620 | 50.000 | -0.8 |
| Endrin aldehyde | 6.249 | 6.150 | 6.350 | 51.270 | 50.000 | 2.5 |
| Endrin ketone | 6.982 | 6.883 | 7.083 | 53.510 | 50.000 | 7.0 |
| gamma-BHC (Lindane) | 3.721 | 3.623 | 3.823 | 50.610 | 50.000 | 1.2 |
| gamma-Chlordane | 5.115 | 5.017 | 5.217 | 50.150 | 50.000 | 0.3 |
| Heptachlor | 4.073 | 3.975 | 4.175 | 49.040 | 50.000 | -1.9 |
| Heptachlor epoxide | 4.863 | 4.764 | 4.964 | 48.920 | 50.000 | -2.2 |
| Methoxychlor | 6.744 | 6.645 | 6.845 | 48.070 | 50.000 | -3.9 |
| Tetrachloro-m-xylene | 2.874 | 2.775 | 2.975 | 48.740 | 50.000 | -2.5 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 20:11 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.07 | 9.06 | 8.96 | 9.16 | 0.00 |
| Tetrachloro-m-xylene | 3.54 | 3.55 | 3.45 | 3.65 | 0.01 |
| alpha-BHC | 3.99 | 3.99 | 3.89 | 4.09 | 0.00 |
| beta-BHC | 4.51 | 4.51 | 4.41 | 4.61 | 0.00 |
| delta-BHC | 4.76 | 4.76 | 4.66 | 4.86 | 0.00 |
| gamma-BHC (Lindane) | 4.32 | 4.33 | 4.23 | 4.43 | 0.01 |
| Heptachlor | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aldrin | 5.26 | 5.26 | 5.16 | 5.36 | 0.00 |
| Heptachlor epoxide | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Endosulfan I | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| Dieldrin | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| 4,4'-DDE | 6.19 | 6.19 | 6.09 | 6.29 | 0.00 |
| Endrin | 6.57 | 6.57 | 6.47 | 6.67 | 0.00 |
| Endosulfan II | 6.78 | 6.78 | 6.68 | 6.88 | 0.00 |
| 4,4'-DDD | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Endosulfan sulfate | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| 4,4'-DDT | 7.02 | 7.02 | 6.92 | 7.12 | 0.01 |
| Methoxychlor | 7.49 | 7.49 | 7.39 | 7.59 | 0.00 |
| Endrin ketone | 7.62 | 7.63 | 7.53 | 7.73 | 0.01 |
| Endrin aldehyde | 6.91 | 6.91 | 6.81 | 7.01 | 0.00 |
| alpha-Chlordane | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| gamma-Chlordane | 5.94 | 5.94 | 5.84 | 6.04 | 0.00 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 20:11 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.06 | 8.06 | 7.96 | 8.16 | 0.00 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.78 | 2.98 | 0.01 |
| alpha-BHC | 3.39 | 3.39 | 3.29 | 3.49 | 0.00 |
| beta-BHC | 4.02 | 4.02 | 3.92 | 4.12 | 0.00 |
| delta-BHC | 4.25 | 4.26 | 4.16 | 4.36 | 0.01 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.62 | 3.82 | 0.00 |
| Heptachlor | 4.07 | 4.08 | 3.98 | 4.18 | 0.01 |
| Aldrin | 4.36 | 4.36 | 4.26 | 4.46 | 0.00 |
| Heptachlor epoxide | 4.86 | 4.86 | 4.76 | 4.96 | 0.00 |
| Endosulfan I | 5.24 | 5.24 | 5.14 | 5.34 | 0.00 |
| Dieldrin | 5.50 | 5.50 | 5.40 | 5.60 | 0.00 |
| 4,4'-DDE | 5.37 | 5.37 | 5.27 | 5.47 | 0.01 |
| Endrin | 5.78 | 5.78 | 5.68 | 5.88 | 0.00 |
| Endosulfan II | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| 4,4'-DDD | 5.92 | 5.92 | 5.82 | 6.02 | 0.00 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.37 | 6.57 | 0.00 |
| 4,4'-DDT | 6.17 | 6.17 | 6.07 | 6.27 | 0.00 |
| Methoxychlor | 6.74 | 6.75 | 6.65 | 6.85 | 0.01 |
| Endrin ketone | 6.98 | 6.98 | 6.88 | 7.08 | 0.00 |
| Endrin aldehyde | 6.25 | 6.25 | 6.15 | 6.35 | 0.00 |
| alpha-Chlordane | 5.18 | 5.18 | 5.08 | 5.28 | 0.00 |
| gamma-Chlordane | 5.12 | 5.12 | 5.02 | 5.22 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090806.D **Time Analyzed:** 20:11

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.699 | 6.600 | 6.800 | 53.280 | 50.000 | 6.6 |
| 4,4'-DDE | 6.189 | 6.090 | 6.290 | 48.740 | 50.000 | -2.5 |
| 4,4'-DDT | 7.015 | 6.915 | 7.115 | 47.640 | 50.000 | -4.7 |
| Aldrin | 5.263 | 5.164 | 5.364 | 50.260 | 50.000 | 0.5 |
| alpha-BHC | 3.994 | 3.894 | 4.094 | 50.190 | 50.000 | 0.4 |
| alpha-Chlordane | 6.020 | 5.921 | 6.121 | 48.350 | 50.000 | -3.3 |
| beta-BHC | 4.511 | 4.412 | 4.612 | 48.910 | 50.000 | -2.2 |
| Decachlorobiphenyl | 9.065 | 8.964 | 9.164 | 46.700 | 50.000 | -6.6 |
| delta-BHC | 4.760 | 4.660 | 4.860 | 50.280 | 50.000 | 0.6 |
| Dieldrin | 6.340 | 6.240 | 6.440 | 53.930 | 50.000 | 7.9 |
| Endosulfan I | 6.067 | 5.968 | 6.168 | 49.510 | 50.000 | -1.0 |
| Endosulfan II | 6.780 | 6.681 | 6.881 | 50.150 | 50.000 | 0.3 |
| Endosulfan sulfate | 7.144 | 7.045 | 7.245 | 48.910 | 50.000 | -2.2 |
| Endrin | 6.567 | 6.468 | 6.668 | 48.730 | 50.000 | -2.5 |
| Endrin aldehyde | 6.909 | 6.810 | 7.010 | 50.490 | 50.000 | 1.0 |
| Endrin ketone | 7.624 | 7.525 | 7.725 | 50.140 | 50.000 | 0.3 |
| gamma-BHC (Lindane) | 4.324 | 4.225 | 4.425 | 49.880 | 50.000 | -0.2 |
| gamma-Chlordane | 5.939 | 5.840 | 6.040 | 49.390 | 50.000 | -1.2 |
| Heptachlor | 4.922 | 4.823 | 5.023 | 56.280 | 50.000 | 12.6 |
| Heptachlor epoxide | 5.684 | 5.584 | 5.784 | 50.250 | 50.000 | 0.5 |
| Methoxychlor | 7.488 | 7.388 | 7.588 | 45.210 | 50.000 | -9.6 |
| Tetrachloro-m-xylene | 3.544 | 3.445 | 3.645 | 48.490 | 50.000 | -3.0 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090806.D **Time Analyzed:** 20:11

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.919 | 5.821 | 6.021 | 50.880 | 50.000 | 1.8 |
| 4,4'-DDE | 5.365 | 5.266 | 5.466 | 49.710 | 50.000 | -0.6 |
| 4,4'-DDT | 6.173 | 6.074 | 6.274 | 47.560 | 50.000 | -4.9 |
| Aldrin | 4.359 | 4.261 | 4.461 | 48.950 | 50.000 | -2.1 |
| alpha-BHC | 3.386 | 3.287 | 3.487 | 49.110 | 50.000 | -1.8 |
| alpha-Chlordane | 5.180 | 5.081 | 5.281 | 48.940 | 50.000 | -2.1 |
| beta-BHC | 4.018 | 3.919 | 4.119 | 48.460 | 50.000 | -3.1 |
| Decachlorobiphenyl | 8.060 | 7.962 | 8.162 | 51.970 | 50.000 | 3.9 |
| delta-BHC | 4.254 | 4.155 | 4.355 | 49.510 | 50.000 | -1.0 |
| Dieldrin | 5.503 | 5.404 | 5.604 | 49.030 | 50.000 | -1.9 |
| Endosulfan I | 5.237 | 5.138 | 5.338 | 46.140 | 50.000 | -7.7 |
| Endosulfan II | 6.071 | 5.972 | 6.172 | 49.650 | 50.000 | -0.7 |
| Endosulfan sulfate | 6.472 | 6.374 | 6.574 | 49.640 | 50.000 | -0.7 |
| Endrin | 5.779 | 5.681 | 5.881 | 48.740 | 50.000 | -2.5 |
| Endrin aldehyde | 6.249 | 6.150 | 6.350 | 50.100 | 50.000 | 0.2 |
| Endrin ketone | 6.982 | 6.883 | 7.083 | 51.500 | 50.000 | 3.0 |
| gamma-BHC (Lindane) | 3.722 | 3.623 | 3.823 | 50.420 | 50.000 | 0.8 |
| gamma-Chlordane | 5.115 | 5.017 | 5.217 | 49.430 | 50.000 | -1.1 |
| Heptachlor | 4.074 | 3.975 | 4.175 | 49.050 | 50.000 | -1.9 |
| Heptachlor epoxide | 4.863 | 4.764 | 4.964 | 48.470 | 50.000 | -3.1 |
| Methoxychlor | 6.743 | 6.645 | 6.845 | 47.360 | 50.000 | -5.3 |
| Tetrachloro-m-xylene | 2.874 | 2.775 | 2.975 | 48.590 | 50.000 | -2.8 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 13:50 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.07 | 9.06 | 8.96 | 9.16 | -0.01 |
| Tetrachloro-m-xylene | 3.55 | 3.55 | 3.45 | 3.65 | 0.00 |
| alpha-BHC | 4.00 | 3.99 | 3.89 | 4.09 | -0.01 |
| beta-BHC | 4.52 | 4.51 | 4.41 | 4.61 | -0.01 |
| delta-BHC | 4.77 | 4.76 | 4.66 | 4.86 | -0.01 |
| gamma-BHC (Lindane) | 4.33 | 4.33 | 4.23 | 4.43 | 0.00 |
| Heptachlor | 4.93 | 4.92 | 4.82 | 5.02 | -0.01 |
| Aldrin | 5.27 | 5.26 | 5.16 | 5.36 | -0.01 |
| Heptachlor epoxide | 5.69 | 5.68 | 5.58 | 5.78 | -0.01 |
| Endosulfan I | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| Dieldrin | 6.35 | 6.34 | 6.24 | 6.44 | 0.00 |
| 4,4'-DDE | 6.20 | 6.19 | 6.09 | 6.29 | -0.01 |
| Endrin | 6.57 | 6.57 | 6.47 | 6.67 | 0.00 |
| Endosulfan II | 6.79 | 6.78 | 6.68 | 6.88 | 0.00 |
| 4,4'-DDD | 6.71 | 6.70 | 6.60 | 6.80 | 0.00 |
| Endosulfan sulfate | 7.15 | 7.15 | 7.05 | 7.25 | 0.00 |
| 4,4'-DDT | 7.02 | 7.02 | 6.92 | 7.12 | 0.00 |
| Methoxychlor | 7.49 | 7.49 | 7.39 | 7.59 | 0.00 |
| Endrin ketone | 7.63 | 7.63 | 7.53 | 7.73 | 0.00 |
| Endrin aldehyde | 6.91 | 6.91 | 6.81 | 7.01 | 0.00 |
| alpha-Chlordane | 6.03 | 6.02 | 5.92 | 6.12 | -0.01 |
| gamma-Chlordane | 5.95 | 5.94 | 5.84 | 6.04 | -0.01 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 13:50 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.06 | 8.06 | 7.96 | 8.16 | 0.00 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.78 | 2.98 | 0.01 |
| alpha-BHC | 3.39 | 3.39 | 3.29 | 3.49 | 0.01 |
| beta-BHC | 4.02 | 4.02 | 3.92 | 4.12 | 0.00 |
| delta-BHC | 4.25 | 4.26 | 4.16 | 4.36 | 0.01 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.62 | 3.82 | 0.00 |
| Heptachlor | 4.07 | 4.08 | 3.98 | 4.18 | 0.01 |
| Aldrin | 4.36 | 4.36 | 4.26 | 4.46 | 0.00 |
| Heptachlor epoxide | 4.86 | 4.86 | 4.76 | 4.96 | 0.00 |
| Endosulfan I | 5.24 | 5.24 | 5.14 | 5.34 | 0.00 |
| Dieldrin | 5.50 | 5.50 | 5.40 | 5.60 | 0.00 |
| 4,4'-DDE | 5.37 | 5.37 | 5.27 | 5.47 | 0.01 |
| Endrin | 5.78 | 5.78 | 5.68 | 5.88 | 0.00 |
| Endosulfan II | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| 4,4'-DDD | 5.92 | 5.92 | 5.82 | 6.02 | 0.00 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.37 | 6.57 | 0.00 |
| 4,4'-DDT | 6.17 | 6.17 | 6.07 | 6.27 | 0.00 |
| Methoxychlor | 6.74 | 6.75 | 6.65 | 6.85 | 0.01 |
| Endrin ketone | 6.98 | 6.98 | 6.88 | 7.08 | 0.00 |
| Endrin aldehyde | 6.25 | 6.25 | 6.15 | 6.35 | 0.00 |
| alpha-Chlordane | 5.18 | 5.18 | 5.08 | 5.28 | 0.00 |
| gamma-Chlordane | 5.12 | 5.12 | 5.02 | 5.22 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090880.D **Time Analyzed:** 13:50

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.705 | 6.600 | 6.800 | 52.870 | 50.000 | 5.7 |
| 4,4'-DDE | 6.195 | 6.090 | 6.290 | 47.930 | 50.000 | -4.1 |
| 4,4'-DDT | 7.020 | 6.915 | 7.115 | 47.020 | 50.000 | -6.0 |
| Aldrin | 5.269 | 5.164 | 5.364 | 48.150 | 50.000 | -3.7 |
| alpha-BHC | 3.999 | 3.894 | 4.094 | 48.620 | 50.000 | -2.8 |
| alpha-Chlordane | 6.025 | 5.921 | 6.121 | 49.310 | 50.000 | -1.4 |
| beta-BHC | 4.516 | 4.412 | 4.612 | 46.790 | 50.000 | -6.4 |
| Decachlorobiphenyl | 9.070 | 8.964 | 9.164 | 44.840 | 50.000 | -10.3 |
| delta-BHC | 4.766 | 4.660 | 4.860 | 48.660 | 50.000 | -2.7 |
| Dieldrin | 6.345 | 6.240 | 6.440 | 48.770 | 50.000 | -2.5 |
| Endosulfan I | 6.073 | 5.968 | 6.168 | 48.280 | 50.000 | -3.4 |
| Endosulfan II | 6.785 | 6.681 | 6.881 | 47.840 | 50.000 | -4.3 |
| Endosulfan sulfate | 7.149 | 7.045 | 7.245 | 48.580 | 50.000 | -2.8 |
| Endrin | 6.573 | 6.468 | 6.668 | 46.310 | 50.000 | -7.4 |
| Endrin aldehyde | 6.914 | 6.810 | 7.010 | 49.090 | 50.000 | -1.8 |
| Endrin ketone | 7.629 | 7.525 | 7.725 | 50.760 | 50.000 | 1.5 |
| gamma-BHC (Lindane) | 4.330 | 4.225 | 4.425 | 47.850 | 50.000 | -4.3 |
| gamma-Chlordane | 5.945 | 5.840 | 6.040 | 48.450 | 50.000 | -3.1 |
| Heptachlor | 4.928 | 4.823 | 5.023 | 56.100 | 50.000 | 12.2 |
| Heptachlor epoxide | 5.688 | 5.584 | 5.784 | 48.870 | 50.000 | -2.3 |
| Methoxychlor | 7.493 | 7.388 | 7.588 | 46.810 | 50.000 | -6.4 |
| Tetrachloro-m-xylene | 3.549 | 3.445 | 3.645 | 45.750 | 50.000 | -8.5 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090880.D **Time Analyzed:** 13:50

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.919 | 5.821 | 6.021 | 49.130 | 50.000 | -1.7 |
| 4,4'-DDE | 5.365 | 5.266 | 5.466 | 46.160 | 50.000 | -7.7 |
| 4,4'-DDT | 6.173 | 6.074 | 6.274 | 45.570 | 50.000 | -8.9 |
| Aldrin | 4.359 | 4.261 | 4.461 | 45.320 | 50.000 | -9.4 |
| alpha-BHC | 3.385 | 3.287 | 3.487 | 45.620 | 50.000 | -8.8 |
| alpha-Chlordane | 5.180 | 5.081 | 5.281 | 45.730 | 50.000 | -8.5 |
| beta-BHC | 4.018 | 3.919 | 4.119 | 47.270 | 50.000 | -5.5 |
| Decachlorobiphenyl | 8.060 | 7.962 | 8.162 | 49.890 | 50.000 | -0.2 |
| delta-BHC | 4.253 | 4.155 | 4.355 | 45.880 | 50.000 | -8.2 |
| Dieldrin | 5.503 | 5.404 | 5.604 | 46.470 | 50.000 | -7.1 |
| Endosulfan I | 5.237 | 5.138 | 5.338 | 45.070 | 50.000 | -9.9 |
| Endosulfan II | 6.071 | 5.972 | 6.172 | 47.430 | 50.000 | -5.1 |
| Endosulfan sulfate | 6.473 | 6.374 | 6.574 | 47.920 | 50.000 | -4.2 |
| Endrin | 5.779 | 5.681 | 5.881 | 45.370 | 50.000 | -9.3 |
| Endrin aldehyde | 6.249 | 6.150 | 6.350 | 47.700 | 50.000 | -4.6 |
| Endrin ketone | 6.982 | 6.883 | 7.083 | 51.450 | 50.000 | 2.9 |
| gamma-BHC (Lindane) | 3.721 | 3.623 | 3.823 | 45.240 | 50.000 | -9.5 |
| gamma-Chlordane | 5.115 | 5.017 | 5.217 | 45.760 | 50.000 | -8.5 |
| Heptachlor | 4.073 | 3.975 | 4.175 | 46.820 | 50.000 | -6.4 |
| Heptachlor epoxide | 4.863 | 4.764 | 4.964 | 44.400 | 50.000 | -11.2 |
| Methoxychlor | 6.744 | 6.645 | 6.845 | 46.880 | 50.000 | -6.2 |
| Tetrachloro-m-xylene | 2.873 | 2.775 | 2.975 | 45.050 | 50.000 | -9.9 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 17:52 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.06 | 9.06 | 8.96 | 9.16 | 0.00 |
| Tetrachloro-m-xylene | 3.54 | 3.55 | 3.45 | 3.65 | 0.01 |
| alpha-BHC | 3.99 | 3.99 | 3.89 | 4.09 | 0.00 |
| beta-BHC | 4.51 | 4.51 | 4.41 | 4.61 | 0.00 |
| delta-BHC | 4.76 | 4.76 | 4.66 | 4.86 | 0.00 |
| gamma-BHC (Lindane) | 4.32 | 4.33 | 4.23 | 4.43 | 0.01 |
| Heptachlor | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aldrin | 5.26 | 5.26 | 5.16 | 5.36 | 0.00 |
| Heptachlor epoxide | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Endosulfan I | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| Dieldrin | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| 4,4'-DDE | 6.19 | 6.19 | 6.09 | 6.29 | 0.00 |
| Endrin | 6.57 | 6.57 | 6.47 | 6.67 | 0.00 |
| Endosulfan II | 6.78 | 6.78 | 6.68 | 6.88 | 0.00 |
| 4,4'-DDD | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Endosulfan sulfate | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| 4,4'-DDT | 7.01 | 7.02 | 6.92 | 7.12 | 0.01 |
| Methoxychlor | 7.49 | 7.49 | 7.39 | 7.59 | 0.00 |
| Endrin ketone | 7.62 | 7.63 | 7.53 | 7.73 | 0.01 |
| Endrin aldehyde | 6.91 | 6.91 | 6.81 | 7.01 | 0.00 |
| alpha-Chlordane | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| gamma-Chlordane | 5.94 | 5.94 | 5.84 | 6.04 | 0.00 |

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

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

**Continuing Calib Time:** 17:52 **Initial Calibration Time(s):** 11:34 12:28

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.06 | 8.06 | 7.96 | 8.16 | 0.00 |
| Tetrachloro-m-xylene | 2.87 | 2.88 | 2.78 | 2.98 | 0.01 |
| alpha-BHC | 3.39 | 3.39 | 3.29 | 3.49 | 0.01 |
| beta-BHC | 4.02 | 4.02 | 3.92 | 4.12 | 0.00 |
| delta-BHC | 4.25 | 4.26 | 4.16 | 4.36 | 0.01 |
| gamma-BHC (Lindane) | 3.72 | 3.72 | 3.62 | 3.82 | 0.00 |
| Heptachlor | 4.07 | 4.08 | 3.98 | 4.18 | 0.01 |
| Aldrin | 4.36 | 4.36 | 4.26 | 4.46 | 0.00 |
| Heptachlor epoxide | 4.86 | 4.86 | 4.76 | 4.96 | 0.00 |
| Endosulfan I | 5.24 | 5.24 | 5.14 | 5.34 | 0.00 |
| Dieldrin | 5.50 | 5.50 | 5.40 | 5.60 | 0.00 |
| 4,4'-DDE | 5.36 | 5.37 | 5.27 | 5.47 | 0.01 |
| Endrin | 5.78 | 5.78 | 5.68 | 5.88 | 0.00 |
| Endosulfan II | 6.07 | 6.07 | 5.97 | 6.17 | 0.00 |
| 4,4'-DDD | 5.92 | 5.92 | 5.82 | 6.02 | 0.00 |
| Endosulfan sulfate | 6.47 | 6.47 | 6.37 | 6.57 | 0.00 |
| 4,4'-DDT | 6.17 | 6.17 | 6.07 | 6.27 | 0.00 |
| Methoxychlor | 6.74 | 6.75 | 6.65 | 6.85 | 0.01 |
| Endrin ketone | 6.98 | 6.98 | 6.88 | 7.08 | 0.00 |
| Endrin aldehyde | 6.25 | 6.25 | 6.15 | 6.35 | 0.00 |
| alpha-Chlordane | 5.18 | 5.18 | 5.08 | 5.28 | 0.00 |
| gamma-Chlordane | 5.11 | 5.12 | 5.02 | 5.22 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090892.D **Time Analyzed:** 17:52

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 6.697 | 6.600 | 6.800 | 51.450 | 50.000 | 2.9 |
| 4,4'-DDE | 6.188 | 6.090 | 6.290 | 46.680 | 50.000 | -6.6 |
| 4,4'-DDT | 7.013 | 6.915 | 7.115 | 44.150 | 50.000 | -11.7 |
| Aldrin | 5.263 | 5.164 | 5.364 | 47.620 | 50.000 | -4.8 |
| alpha-BHC | 3.992 | 3.894 | 4.094 | 48.380 | 50.000 | -3.2 |
| alpha-Chlordane | 6.018 | 5.921 | 6.121 | 47.490 | 50.000 | -5.0 |
| beta-BHC | 4.510 | 4.412 | 4.612 | 46.830 | 50.000 | -6.3 |
| Decachlorobiphenyl | 9.061 | 8.964 | 9.164 | 44.310 | 50.000 | -11.4 |
| delta-BHC | 4.758 | 4.660 | 4.860 | 48.380 | 50.000 | -3.2 |
| Dieldrin | 6.338 | 6.240 | 6.440 | 47.610 | 50.000 | -4.8 |
| Endosulfan I | 6.066 | 5.968 | 6.168 | 47.290 | 50.000 | -5.4 |
| Endosulfan II | 6.779 | 6.681 | 6.881 | 46.450 | 50.000 | -7.1 |
| Endosulfan sulfate | 7.142 | 7.045 | 7.245 | 46.810 | 50.000 | -6.4 |
| Endrin | 6.565 | 6.468 | 6.668 | 44.800 | 50.000 | -10.4 |
| Endrin aldehyde | 6.907 | 6.810 | 7.010 | 46.920 | 50.000 | -6.2 |
| Endrin ketone | 7.623 | 7.525 | 7.725 | 49.330 | 50.000 | -1.3 |
| gamma-BHC (Lindane) | 4.323 | 4.225 | 4.425 | 47.650 | 50.000 | -4.7 |
| gamma-Chlordane | 5.937 | 5.840 | 6.040 | 47.140 | 50.000 | -5.7 |
| Heptachlor | 4.921 | 4.823 | 5.023 | 55.050 | 50.000 | 10.1 |
| Heptachlor epoxide | 5.682 | 5.584 | 5.784 | 48.630 | 50.000 | -2.7 |
| Methoxychlor | 7.486 | 7.388 | 7.588 | 45.090 | 50.000 | -9.8 |
| Tetrachloro-m-xylene | 3.543 | 3.445 | 3.645 | 46.400 | 50.000 | -7.2 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** PSTDCCC050 **Data File :** PD090892.D **Time Analyzed:** 17:52

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 5.918 | 5.821 | 6.021 | 49.050 | 50.000 | -1.9 |
| 4,4'-DDE | 5.363 | 5.266 | 5.466 | 46.140 | 50.000 | -7.7 |
| 4,4'-DDT | 6.171 | 6.074 | 6.274 | 43.960 | 50.000 | -12.1 |
| Aldrin | 4.358 | 4.261 | 4.461 | 45.800 | 50.000 | -8.4 |
| alpha-BHC | 3.385 | 3.287 | 3.487 | 45.860 | 50.000 | -8.3 |
| alpha-Chlordane | 5.179 | 5.081 | 5.281 | 45.630 | 50.000 | -8.7 |
| beta-BHC | 4.017 | 3.919 | 4.119 | 47.490 | 50.000 | -5.0 |
| Decachlorobiphenyl | 8.058 | 7.962 | 8.162 | 47.520 | 50.000 | -5.0 |
| delta-BHC | 4.253 | 4.155 | 4.355 | 45.860 | 50.000 | -8.3 |
| Dieldrin | 5.501 | 5.404 | 5.604 | 46.240 | 50.000 | -7.5 |
| Endosulfan I | 5.235 | 5.138 | 5.338 | 44.570 | 50.000 | -10.9 |
| Endosulfan II | 6.069 | 5.972 | 6.172 | 46.570 | 50.000 | -6.9 |
| Endosulfan sulfate | 6.471 | 6.374 | 6.574 | 46.950 | 50.000 | -6.1 |
| Endrin | 5.778 | 5.681 | 5.881 | 44.720 | 50.000 | -10.6 |
| Endrin aldehyde | 6.247 | 6.150 | 6.350 | 46.850 | 50.000 | -6.3 |
| Endrin ketone | 6.980 | 6.883 | 7.083 | 49.870 | 50.000 | -0.3 |
| gamma-BHC (Lindane) | 3.721 | 3.623 | 3.823 | 45.460 | 50.000 | -9.1 |
| gamma-Chlordane | 5.114 | 5.017 | 5.217 | 45.680 | 50.000 | -8.6 |
| Heptachlor | 4.073 | 3.975 | 4.175 | 46.780 | 50.000 | -6.4 |
| Heptachlor epoxide | 4.861 | 4.764 | 4.964 | 44.870 | 50.000 | -10.3 |
| Methoxychlor | 6.742 | 6.645 | 6.845 | 45.090 | 50.000 | -9.8 |
| Tetrachloro-m-xylene | 2.873 | 2.775 | 2.975 | 45.260 | 50.000 | -9.5 |

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

## PESTICIDE CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090648.D **Date Analyzed:** 10/17/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 11:07

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.066 | 8.970 | 9.170 | 22.860 | 20.000 | 14.3 |
| Tetrachloro-m-xylene | 3.544 | 3.490 | 3.590 | 21.710 | 20.000 | 8.6 |
| alpha-BHC | 3.994 | 3.940 | 4.040 | 9.050 | 10.000 | -9.5 |
| beta-BHC | 4.512 | 4.460 | 4.560 | 10.070 | 10.000 | 0.7 |
| gamma-BHC (Lindane) | 4.324 | 4.270 | 4.370 | 9.330 | 10.000 | -6.7 |
| Endrin | 6.568 | 6.500 | 6.640 | 49.200 | 50.000 | -1.6 |
| 4,4'-DDT | 7.016 | 6.950 | 7.090 | 100.270 | 100.000 | 0.3 |
| Methoxychlor | 7.489 | 7.420 | 7.560 | 236.810 | 250.000 | -5.3 |

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090648.D **Date Analyzed:** 10/17/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 11:07

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.062 | 7.960 | 8.160 | 21.400 | 20.000 | 7.0 |
| Tetrachloro-m-xylene | 2.875 | 2.820 | 2.930 | 21.220 | 20.000 | 6.1 |
| alpha-BHC | 3.386 | 3.340 | 3.440 | 10.300 | 10.000 | 3.0 |
| beta-BHC | 4.019 | 3.970 | 4.070 | 10.460 | 10.000 | 4.6 |
| gamma-BHC (Lindane) | 3.723 | 3.670 | 3.770 | 10.340 | 10.000 | 3.4 |
| Endrin | 5.781 | 5.710 | 5.850 | 47.940 | 50.000 | -4.1 |
| 4,4'-DDT | 6.174 | 6.100 | 6.240 | 95.670 | 100.000 | -4.3 |
| Methoxychlor | 6.745 | 6.670 | 6.820 | 201.830 | 250.000 | -19.3 |

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

## PESTICIDE CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090776.D **Date Analyzed:** 10/23/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 09:38

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.066 | 8.970 | 9.170 | 21.360 | 20.000 | 6.8 |
| Tetrachloro-m-xylene | 3.544 | 3.490 | 3.590 | 20.730 | 20.000 | 3.7 |
| alpha-BHC | 3.993 | 3.940 | 4.040 | 8.630 | 10.000 | -13.7 |
| beta-BHC | 4.512 | 4.460 | 4.560 | 9.990 | 10.000 | -0.1 |
| gamma-BHC (Lindane) | 4.324 | 4.270 | 4.370 | 8.990 | 10.000 | -10.1 |
| Endrin | 6.568 | 6.500 | 6.640 | 48.450 | 50.000 | -3.1 |
| 4,4'-DDT | 7.016 | 6.950 | 7.090 | 98.300 | 100.000 | -1.7 |
| Methoxychlor | 7.489 | 7.420 | 7.560 | 230.150 | 250.000 | -7.9 |

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090776.D **Date Analyzed:** 10/23/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 09:38

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.060 | 7.960 | 8.160 | 25.180 | 20.000 | 25.9 |
| Tetrachloro-m-xylene | 2.873 | 2.820 | 2.920 | 21.460 | 20.000 | 7.3 |
| alpha-BHC | 3.385 | 3.330 | 3.440 | 10.520 | 10.000 | 5.2 |
| beta-BHC | 4.018 | 3.970 | 4.070 | 10.550 | 10.000 | 5.5 |
| gamma-BHC (Lindane) | 3.721 | 3.670 | 3.770 | 10.770 | 10.000 | 7.7 |
| Endrin | 5.779 | 5.710 | 5.850 | 50.700 | 50.000 | 1.4 |
| 4,4'-DDT | 6.172 | 6.100 | 6.240 | 101.920 | 100.000 | 1.9 |
| Methoxychlor | 6.743 | 6.670 | 6.810 | 212.260 | 250.000 | -15.1 |

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

## PESTICIDE CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090800.D **Date Analyzed:** 10/23/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 18:22

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.065 | 8.960 | 9.170 | 21.040 | 20.000 | 5.2 |
| Tetrachloro-m-xylene | 3.544 | 3.490 | 3.590 | 20.050 | 20.000 | 0.3 |
| alpha-BHC | 3.993 | 3.940 | 4.040 | 8.390 | 10.000 | -16.1 |
| beta-BHC | 4.511 | 4.460 | 4.560 | 9.690 | 10.000 | -3.1 |
| gamma-BHC (Lindane) | 4.324 | 4.270 | 4.370 | 8.730 | 10.000 | -12.7 |
| Endrin | 6.567 | 6.500 | 6.640 | 46.520 | 50.000 | -7.0 |
| 4,4'-DDT | 7.015 | 6.940 | 7.090 | 88.410 | 100.000 | -11.6 |
| Methoxychlor | 7.487 | 7.420 | 7.560 | 199.730 | 250.000 | -20.1 |

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090800.D **Date Analyzed:** 10/23/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 18:22

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.060 | 7.960 | 8.160 | 23.650 | 20.000 | 18.3 |
| Tetrachloro-m-xylene | 2.874 | 2.820 | 2.920 | 20.510 | 20.000 | 2.6 |
| alpha-BHC | 3.385 | 3.330 | 3.440 | 10.010 | 10.000 | 0.1 |
| beta-BHC | 4.018 | 3.970 | 4.070 | 10.040 | 10.000 | 0.4 |
| gamma-BHC (Lindane) | 3.721 | 3.670 | 3.770 | 10.170 | 10.000 | 1.7 |
| Endrin | 5.779 | 5.710 | 5.850 | 49.090 | 50.000 | -1.8 |
| 4,4'-DDT | 6.172 | 6.100 | 6.240 | 90.070 | 100.000 | -9.9 |
| Methoxychlor | 6.743 | 6.670 | 6.810 | 188.750 | 250.000 | -24.5 |

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

## PESTICIDE CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090868.D **Date Analyzed:** 10/28/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 09:55

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 9.062 | 8.960 | 9.160 | 22.890 | 20.000 | 14.5 |
| Tetrachloro-m-xylene | 3.544 | 3.490 | 3.590 | 23.160 | 20.000 | 15.8 |
| alpha-BHC | 3.993 | 3.940 | 4.040 | 9.970 | 10.000 | -0.3 |
| beta-BHC | 4.511 | 4.460 | 4.560 | 11.310 | 10.000 | 13.1 |
| gamma-BHC (Lindane) | 4.323 | 4.270 | 4.370 | 10.310 | 10.000 | 3.1 |
| Endrin | 6.566 | 6.500 | 6.640 | 52.490 | 50.000 | 5.0 |
| 4,4'-DDT | 7.013 | 6.940 | 7.080 | 107.090 | 100.000 | 7.1 |
| Methoxychlor | 7.486 | 7.420 | 7.560 | 251.460 | 250.000 | 0.6 |

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

**Client Sample No. (PEM):** PEM - PD090868.D **Date Analyzed:** 10/28/2025

**Lab Sample No.(PEM):** PEM **Time Analyzed:** 09:55

| PEM COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.058 | 7.960 | 8.160 | 25.500 | 20.000 | 27.5 |
| Tetrachloro-m-xylene | 2.873 | 2.820 | 2.920 | 23.100 | 20.000 | 15.5 |
| alpha-BHC | 3.385 | 3.330 | 3.440 | 11.160 | 10.000 | 11.6 |
| beta-BHC | 4.017 | 3.970 | 4.070 | 11.350 | 10.000 | 13.5 |
| gamma-BHC (Lindane) | 3.721 | 3.670 | 3.770 | 11.180 | 10.000 | 11.8 |
| Endrin | 5.778 | 5.710 | 5.850 | 50.160 | 50.000 | 0.3 |
| 4,4'-DDT | 6.172 | 6.100 | 6.240 | 104.590 | 100.000 | 4.6 |
| Methoxychlor | 6.741 | 6.670 | 6.810 | 216.550 | 250.000 | -13.4 |

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

# Analytical Sequence

**Client:** AECOM **SDG No.:** Q3434

**Project:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069 **Instrument ID:** ECD_D

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/17/2025 | 10:53 | PD090647.D | 9.07 | 3.55 |
| PEM | PEM | 10/17/2025 | 11:07 | PD090648.D | 9.07 | 3.54 |
| RESCHK | RESCHK | 10/17/2025 | 11:20 | PD090649.D | 9.07 | 3.54 |
| PSTDICC100 | PSTDICC100 | 10/17/2025 | 11:34 | PD090650.D | 9.07 | 3.54 |
| PSTDICC075 | PSTDICC075 | 10/17/2025 | 11:48 | PD090651.D | 9.07 | 3.55 |
| PSTDICC050 | PSTDICC050 | 10/17/2025 | 12:01 | PD090652.D | 9.06 | 3.55 |
| PSTDICC025 | PSTDICC025 | 10/17/2025 | 12:15 | PD090653.D | 9.07 | 3.54 |
| PSTDICC005 | PSTDICC005 | 10/17/2025 | 12:28 | PD090654.D | 9.07 | 3.54 |
| PCHLORICC500 | PCHLORICC500 | 10/17/2025 | 13:09 | PD090657.D | 9.07 | 3.55 |
| PTOXICC500 | PTOXICC500 | 10/17/2025 | 14:17 | PD090662.D | 9.07 | 3.55 |
| I.BLK | I.BLK | 10/23/2025 | 09:24 | PD090775.D | 9.07 | 3.54 |
| PEM | PEM | 10/23/2025 | 09:38 | PD090776.D | 9.07 | 3.54 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 09:51 | PD090777.D | 9.07 | 3.54 |
| PB170213BL | PB170213BL | 10/23/2025 | 13:16 | PD090778.D | 9.08 | 3.55 |
| PB170213BS | PB170213BS | 10/23/2025 | 13:30 | PD090779.D | 9.07 | 3.54 |
| PR132-S07-000102-20251017MS | Q3395-03MS | 10/23/2025 | 14:44 | PD090784.D | 9.07 | 3.54 |
| PR132-S07-000102-20251017MSD | Q3395-04MSD | 10/23/2025 | 14:57 | PD090785.D | 9.07 | 3.54 |
| I.BLK | I.BLK | 10/23/2025 | 15:38 | PD090788.D | 9.07 | 3.54 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 15:52 | PD090789.D | 9.07 | 3.54 |
| I.BLK | I.BLK | 10/23/2025 | 18:09 | PD090799.D | 9.07 | 3.54 |
| PEM | PEM | 10/23/2025 | 18:22 | PD090800.D | 9.07 | 3.54 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 18:36 | PD090801.D | 9.06 | 3.54 |
| PR132-WC1-20251022 | Q3434-01 | 10/23/2025 | 19:44 | PD090804.D | 9.06 | 3.54 |
| I.BLK | I.BLK | 10/23/2025 | 19:58 | PD090805.D | 9.06 | 3.54 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 20:11 | PD090806.D | 9.07 | 3.54 |
| PEM | PEM | 10/28/2025 | 09:55 | PD090868.D | 9.06 | 3.54 |
| I.BLK | I.BLK | 10/28/2025 | 13:16 | PD090879.D | 9.06 | 3.54 |
| PSTDCCC050 | PSTDCCC050 | 10/28/2025 | 13:50 | PD090880.D | 9.07 | 3.55 |
| PB170287BL | PB170287BL | 10/28/2025 | 16:43 | PD090887.D | 9.06 | 3.54 |
| PB170287BS | PB170287BS | 10/28/2025 | 16:57 | PD090888.D | 9.06 | 3.54 |
| PB170287BSD | PB170287BSD | 10/28/2025 | 17:11 | PD090889.D | 9.06 | 3.54 |
| PR132-WC2-20251022 | Q3434-02 | 10/28/2025 | 17:24 | PD090890.D | 9.06 | 3.54 |
| I.BLK | I.BLK | 10/28/2025 | 17:38 | PD090891.D | 9.06 | 3.54 |
| PSTDCCC050 | PSTDCCC050 | 10/28/2025 | 17:52 | PD090892.D | 9.06 | 3.54 |

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

# Analytical Sequence

**Client:** AECOM **SDG No.:** Q3434

**Project:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069 **Instrument ID:** ECD_D

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/17/2025 | 10:53 | PD090647.D | 8.06 | 2.88 |
| PEM | PEM | 10/17/2025 | 11:07 | PD090648.D | 8.06 | 2.88 |
| RESCHK | RESCHK | 10/17/2025 | 11:20 | PD090649.D | 8.06 | 2.87 |
| PSTDICC100 | PSTDICC100 | 10/17/2025 | 11:34 | PD090650.D | 8.06 | 2.87 |
| PSTDICC075 | PSTDICC075 | 10/17/2025 | 11:48 | PD090651.D | 8.06 | 2.88 |
| PSTDICC050 | PSTDICC050 | 10/17/2025 | 12:01 | PD090652.D | 8.06 | 2.88 |
| PSTDICC025 | PSTDICC025 | 10/17/2025 | 12:15 | PD090653.D | 8.06 | 2.87 |
| PSTDICC005 | PSTDICC005 | 10/17/2025 | 12:28 | PD090654.D | 8.06 | 2.87 |
| PCHLORICC500 | PCHLORICC500 | 10/17/2025 | 13:09 | PD090657.D | 8.06 | 2.87 |
| PTOXICC500 | PTOXICC500 | 10/17/2025 | 14:17 | PD090662.D | 8.06 | 2.88 |
| I.BLK | I.BLK | 10/23/2025 | 09:24 | PD090775.D | 8.06 | 2.87 |
| PEM | PEM | 10/23/2025 | 09:38 | PD090776.D | 8.06 | 2.87 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 09:51 | PD090777.D | 8.06 | 2.87 |
| PB170213BL | PB170213BL | 10/23/2025 | 13:16 | PD090778.D | 8.06 | 2.87 |
| PB170213BS | PB170213BS | 10/23/2025 | 13:30 | PD090779.D | 8.06 | 2.87 |
| PR132-S07-000102-20251017MS | Q3395-03MS | 10/23/2025 | 14:44 | PD090784.D | 8.06 | 2.87 |
| PR132-S07-000102-20251017MSD | Q3395-04MSD | 10/23/2025 | 14:57 | PD090785.D | 8.06 | 2.87 |
| I.BLK | I.BLK | 10/23/2025 | 15:38 | PD090788.D | 8.06 | 2.87 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 15:52 | PD090789.D | 8.06 | 2.87 |
| I.BLK | I.BLK | 10/23/2025 | 18:09 | PD090799.D | 8.06 | 2.87 |
| PEM | PEM | 10/23/2025 | 18:22 | PD090800.D | 8.06 | 2.87 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 18:36 | PD090801.D | 8.06 | 2.87 |
| PR132-WC1-20251022 | Q3434-01 | 10/23/2025 | 19:44 | PD090804.D | 8.06 | 2.87 |
| I.BLK | I.BLK | 10/23/2025 | 19:58 | PD090805.D | 8.06 | 2.87 |
| PSTDCCC050 | PSTDCCC050 | 10/23/2025 | 20:11 | PD090806.D | 8.06 | 2.87 |
| PEM | PEM | 10/28/2025 | 09:55 | PD090868.D | 8.06 | 2.87 |
| I.BLK | I.BLK | 10/28/2025 | 13:16 | PD090879.D | 8.06 | 2.87 |
| PSTDCCC050 | PSTDCCC050 | 10/28/2025 | 13:50 | PD090880.D | 8.06 | 2.87 |
| PB170287BL | PB170287BL | 10/28/2025 | 16:43 | PD090887.D | 8.06 | 2.87 |
| PB170287BS | PB170287BS | 10/28/2025 | 16:57 | PD090888.D | 8.06 | 2.87 |
| PB170287BSD | PB170287BSD | 10/28/2025 | 17:11 | PD090889.D | 8.06 | 2.87 |
| PR132-WC2-20251022 | Q3434-02 | 10/28/2025 | 17:24 | PD090890.D | 8.06 | 2.87 |
| I.BLK | I.BLK | 10/28/2025 | 17:38 | PD090891.D | 8.06 | 2.87 |
| PSTDCCC050 | PSTDCCC050 | 10/28/2025 | 17:52 | PD090892.D | 8.06 | 2.87 |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170213BS**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** PB170213BS **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1 | 6.70 | 6.65 | 6.75 | 16.8 | 0 |
| | 2 | 5.92 | 5.87 | 5.97 | 16.8 | |
| 4,4'-DDE | 1 | 6.19 | 6.14 | 6.24 | 15.1 | 8.3 |
| | 2 | 5.36 | 5.31 | 5.41 | 16.4 | |
| 4,4'-DDT | 1 | 7.02 | 6.97 | 7.07 | 16.3 | 4.2 |
| | 2 | 6.17 | 6.12 | 6.22 | 17.0 | |
| alpha-BHC | 1 | 3.99 | 3.94 | 4.04 | 15.4 | 1.9 |
| | 2 | 3.38 | 3.33 | 3.43 | 15.7 | |
| Aldrin | 1 | 5.26 | 5.21 | 5.31 | 15.4 | 3.2 |
| | 2 | 4.36 | 4.31 | 4.41 | 15.9 | |
| alpha-Chlordane | 1 | 6.02 | 5.97 | 6.07 | 15.5 | 3.2 |
| | 2 | 5.18 | 5.13 | 5.23 | 16.0 | |
| Endosulfan II | 1 | 6.78 | 6.73 | 6.83 | 16.2 | 2.4 |
| | 2 | 6.07 | 6.02 | 6.12 | 16.6 | |
| Endosulfan sulfate | 1 | 7.15 | 7.10 | 7.20 | 15.6 | 6.8 |
| | 2 | 6.47 | 6.42 | 6.52 | 16.7 | |
| beta-BHC | 1 | 4.51 | 4.46 | 4.56 | 15.1 | 3.3 |
| | 2 | 4.02 | 3.97 | 4.07 | 15.6 | |
| delta-BHC | 1 | 4.76 | 4.71 | 4.81 | 15.6 | 1.9 |
| | 2 | 4.25 | 4.20 | 4.30 | 15.9 | |
| Endosulfan I | 1 | 6.07 | 6.02 | 6.12 | 15.6 | 3.3 |
| | 2 | 5.24 | 5.19 | 5.29 | 15.1 | |
| Dieldrin | 1 | 6.34 | 6.29 | 6.39 | 15.7 | 3.8 |
| | 2 | 5.50 | 5.45 | 5.55 | 16.3 | |
| Endrin aldehyde | 1 | 6.91 | 6.86 | 6.96 | 16.3 | 4.8 |
| | 2 | 6.25 | 6.20 | 6.30 | 17.1 | |
| Methoxychlor | 1 | 7.49 | 7.44 | 7.54 | 16.0 | 4.9 |
| | 2 | 6.74 | 6.69 | 6.79 | 16.8 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170213BS**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** PB170213BS **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| Endrin ketone | 1 | 7.63 | 7.58 | 7.68 | 16.1 | 8.3 |
| | 2 | 6.98 | 6.93 | 7.03 | 17.5 | |
| gamma-BHC (Lindane) | 1 | 4.32 | 4.27 | 4.37 | 15.2 | 3.2 |
| | 2 | 3.72 | 3.67 | 3.77 | 15.7 | |
| Heptachlor | 1 | 4.92 | 4.87 | 4.97 | 18.2 | 11.6 |
| | 2 | 4.07 | 4.02 | 4.12 | 16.2 | |
| Heptachlor epoxide | 1 | 5.68 | 5.63 | 5.73 | 15.9 | 0.6 |
| | 2 | 4.86 | 4.81 | 4.91 | 15.8 | |
| gamma-Chlordane | 1 | 5.94 | 5.89 | 5.99 | 15.3 | 5.1 |
| | 2 | 5.12 | 5.07 | 5.17 | 16.1 | |
| Endrin | 1 | 6.57 | 6.52 | 6.62 | 15.5 | 6.3 |
| | 2 | 5.78 | 5.73 | 5.83 | 16.5 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170287BS**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** PB170287BS **Date(s) Analyzed:** 10/28/2025 10/28/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| Endosulfan II | 1 | 6.78 | 6.73 | 6.83 | 0.47 | 4.3 |
| | 2 | 6.07 | 6.02 | 6.12 | 0.45 | |
| 4,4'-DDD | 1 | 6.70 | 6.65 | 6.75 | 0.51 | 5.6 |
| | 2 | 5.92 | 5.87 | 5.97 | 0.48 | |
| 4,4'-DDT | 1 | 7.01 | 6.96 | 7.06 | 0.45 | 3.9 |
| | 2 | 6.17 | 6.12 | 6.22 | 0.43 | |
| Endrin aldehyde | 1 | 6.91 | 6.86 | 6.96 | 0.48 | 5 |
| | 2 | 6.25 | 6.20 | 6.30 | 0.45 | |
| Endosulfan sulfate | 1 | 7.14 | 7.09 | 7.19 | 0.46 | 3 |
| | 2 | 6.47 | 6.42 | 6.52 | 0.45 | |
| Methoxychlor | 1 | 7.49 | 7.44 | 7.54 | 0.45 | 5.2 |
| | 2 | 6.74 | 6.69 | 6.79 | 0.43 | |
| Endrin ketone | 1 | 7.62 | 7.57 | 7.67 | 0.49 | 7.2 |
| | 2 | 6.98 | 6.93 | 7.03 | 0.45 | |
| alpha-BHC | 1 | 3.99 | 3.94 | 4.04 | 0.48 | 5 |
| | 2 | 3.39 | 3.34 | 3.44 | 0.46 | |
| gamma-BHC (Lindane) | 1 | 4.32 | 4.27 | 4.37 | 0.47 | 3.5 |
| | 2 | 3.72 | 3.67 | 3.77 | 0.46 | |
| Heptachlor | 1 | 4.92 | 4.87 | 4.97 | 0.56 | 17.8 |
| | 2 | 4.07 | 4.02 | 4.12 | 0.46 | |
| Aldrin | 1 | 5.26 | 5.21 | 5.31 | 0.47 | 4.2 |
| | 2 | 4.36 | 4.31 | 4.41 | 0.45 | |
| beta-BHC | 1 | 4.51 | 4.46 | 4.56 | 0.46 | 1.7 |
| | 2 | 4.02 | 3.97 | 4.07 | 0.45 | |
| delta-BHC | 1 | 4.76 | 4.71 | 4.81 | 0.48 | 5.4 |
| | 2 | 4.25 | 4.20 | 4.30 | 0.46 | |
| Heptachlor epoxide | 1 | 5.68 | 5.63 | 5.73 | 0.49 | 9.5 |
| | 2 | 4.86 | 4.81 | 4.91 | 0.45 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170287BS**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** PB170287BS **Date(s) Analyzed:** 10/28/2025 10/28/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| Endosulfan I | 1 | 6.07 | 6.02 | 6.12 | 0.47 | 6 |
| | 2 | 5.24 | 5.19 | 5.29 | 0.44 | |
| gamma-Chlordane | 1 | 5.94 | 5.89 | 5.99 | 0.47 | 3 |
| | 2 | 5.11 | 5.06 | 5.16 | 0.45 | |
| alpha-Chlordane | 1 | 6.02 | 5.97 | 6.07 | 0.49 | 8.3 |
| | 2 | 5.18 | 5.13 | 5.23 | 0.45 | |
| 4,4'-DDE | 1 | 6.19 | 6.14 | 6.24 | 0.47 | 4.3 |
| | 2 | 5.36 | 5.31 | 5.41 | 0.45 | |
| Dieldrin | 1 | 6.34 | 6.29 | 6.39 | 0.47 | 3.5 |
| | 2 | 5.50 | 5.45 | 5.55 | 0.46 | |
| Endrin | 1 | 6.57 | 6.52 | 6.62 | 0.45 | 2.7 |
| | 2 | 5.78 | 5.73 | 5.83 | 0.44 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170287BSD**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** PB170287BSD **Date(s) Analyzed:** 10/28/2025 10/28/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1 | 6.70 | 6.65 | 6.75 | 0.50 | 4.4 |
| | 2 | 5.92 | 5.87 | 5.97 | 0.48 | |
| 4,4'-DDT | 1 | 7.01 | 6.96 | 7.06 | 0.44 | 3 |
| | 2 | 6.17 | 6.12 | 6.22 | 0.43 | |
| alpha-BHC | 1 | 3.99 | 3.94 | 4.04 | 0.47 | 4.6 |
| | 2 | 3.39 | 3.34 | 3.44 | 0.45 | |
| Aldrin | 1 | 5.26 | 5.21 | 5.31 | 0.47 | 4.2 |
| | 2 | 4.36 | 4.31 | 4.41 | 0.45 | |
| beta-BHC | 1 | 4.51 | 4.46 | 4.56 | 0.46 | 2.4 |
| | 2 | 4.02 | 3.97 | 4.07 | 0.45 | |
| delta-BHC | 1 | 4.76 | 4.71 | 4.81 | 0.48 | 5.5 |
| | 2 | 4.25 | 4.20 | 4.30 | 0.45 | |
| Endosulfan I | 1 | 6.07 | 6.02 | 6.12 | 0.47 | 6.6 |
| | 2 | 5.24 | 5.19 | 5.29 | 0.44 | |
| alpha-Chlordane | 1 | 6.02 | 5.97 | 6.07 | 0.50 | 11.8 |
| | 2 | 5.18 | 5.13 | 5.23 | 0.45 | |
| 4,4'-DDE | 1 | 6.19 | 6.14 | 6.24 | 0.46 | 2.3 |
| | 2 | 5.36 | 5.31 | 5.41 | 0.45 | |
| Dieldrin | 1 | 6.34 | 6.29 | 6.39 | 0.47 | 3.7 |
| | 2 | 5.50 | 5.45 | 5.55 | 0.45 | |
| Endosulfan II | 1 | 6.78 | 6.73 | 6.83 | 0.46 | 1.3 |
| | 2 | 6.07 | 6.02 | 6.12 | 0.45 | |
| Endrin aldehyde | 1 | 6.91 | 6.86 | 6.96 | 0.48 | 4.2 |
| | 2 | 6.25 | 6.20 | 6.30 | 0.46 | |
| Endosulfan sulfate | 1 | 7.14 | 7.09 | 7.19 | 0.46 | 1.9 |
| | 2 | 6.47 | 6.42 | 6.52 | 0.45 | |
| Methoxychlor | 1 | 7.49 | 7.44 | 7.54 | 0.45 | 2.9 |
| | 2 | 6.74 | 6.69 | 6.79 | 0.44 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170287BSD**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** PB170287BSD **Date(s) Analyzed:** 10/28/2025 10/28/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| Endrin ketone | 1 | 7.62 | 7.57 | 7.67 | 0.49 | 4.2 |
| | 2 | 6.98 | 6.93 | 7.03 | 0.47 | |
| gamma-BHC (Lindane) | 1 | 4.32 | 4.27 | 4.37 | 0.46 | 2.9 |
| | 2 | 3.72 | 3.67 | 3.77 | 0.45 | |
| Heptachlor | 1 | 4.92 | 4.87 | 4.97 | 0.55 | 18.1 |
| | 2 | 4.07 | 4.02 | 4.12 | 0.46 | |
| Heptachlor epoxide | 1 | 5.68 | 5.63 | 5.73 | 0.49 | 7.8 |
| | 2 | 4.86 | 4.81 | 4.91 | 0.45 | |
| gamma-Chlordane | 1 | 5.94 | 5.89 | 5.99 | 0.46 | 1.8 |
| | 2 | 5.11 | 5.06 | 5.16 | 0.45 | |
| Endrin | 1 | 6.57 | 6.52 | 6.62 | 0.45 | 2.5 |
| | 2 | 5.78 | 5.73 | 5.83 | 0.44 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PR132-S07-000102-20251017MS**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** Q3395-03MS **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1 | 6.70 | 6.65 | 6.75 | 34.6 | 15.2 |
| | 2 | 5.92 | 5.87 | 5.97 | 29.7 | |
| 4,4'-DDE | 1 | 6.19 | 6.14 | 6.24 | 36.6 | 8.8 |
| | 2 | 5.37 | 5.32 | 5.42 | 33.5 | |
| Endosulfan II | 1 | 6.78 | 6.73 | 6.83 | 31.1 | 0.6 |
| | 2 | 6.07 | 6.02 | 6.12 | 30.9 | |
| 4,4'-DDT | 1 | 7.02 | 6.97 | 7.07 | 33.8 | 9 |
| | 2 | 6.17 | 6.12 | 6.22 | 30.9 | |
| Endrin aldehyde | 1 | 6.91 | 6.86 | 6.96 | 32.9 | 5.9 |
| | 2 | 6.25 | 6.20 | 6.30 | 31.0 | |
| Endosulfan sulfate | 1 | 7.14 | 7.09 | 7.19 | 32.5 | 5.4 |
| | 2 | 6.47 | 6.42 | 6.52 | 30.8 | |
| Methoxychlor | 1 | 7.49 | 7.44 | 7.54 | 33.5 | 4.6 |
| | 2 | 6.74 | 6.69 | 6.79 | 32.0 | |
| Endrin ketone | 1 | 7.63 | 7.58 | 7.68 | 33.7 | 11 |
| | 2 | 6.98 | 6.93 | 7.03 | 30.2 | |
| alpha-BHC | 1 | 3.99 | 3.94 | 4.04 | 31.9 | 10.6 |
| | 2 | 3.39 | 3.34 | 3.44 | 28.7 | |
| gamma-BHC (Lindane) | 1 | 4.33 | 4.28 | 4.38 | 31.9 | 8.8 |
| | 2 | 3.72 | 3.67 | 3.77 | 29.2 | |
| Heptachlor | 1 | 4.92 | 4.87 | 4.97 | 38.0 | 17.5 |
| | 2 | 4.07 | 4.02 | 4.12 | 31.9 | |
| Aldrin | 1 | 5.26 | 5.21 | 5.31 | 32.6 | 9.3 |
| | 2 | 4.36 | 4.31 | 4.41 | 29.7 | |
| beta-BHC | 1 | 4.51 | 4.46 | 4.56 | 27.9 | 3.5 |
| | 2 | 4.02 | 3.97 | 4.07 | 28.9 | |
| delta-BHC | 1 | 4.76 | 4.71 | 4.81 | 32.6 | 6.7 |
| | 2 | 4.25 | 4.20 | 4.30 | 30.5 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PR132-S07-000102-20251017MS**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** Q3395-03MS **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| Heptachlor epoxide | 1 | 5.68 | 5.63 | 5.73 | 33.3 | 6.5 |
| | 2 | 4.86 | 4.81 | 4.91 | 31.2 | |
| Endosulfan I | 1 | 6.07 | 6.02 | 6.12 | 32.6 | 19.9 |
| | 2 | 5.24 | 5.19 | 5.29 | 26.7 | |
| gamma-Chlordane | 1 | 5.94 | 5.89 | 5.99 | 30.8 | 2.6 |
| | 2 | 5.11 | 5.06 | 5.16 | 31.6 | |
| alpha-Chlordane | 1 | 6.02 | 5.97 | 6.07 | 36.2 | 15.5 |
| | 2 | 5.18 | 5.13 | 5.23 | 31.0 | |
| Dieldrin | 1 | 6.34 | 6.29 | 6.39 | 32.7 | 4.1 |
| | 2 | 5.50 | 5.45 | 5.55 | 31.4 | |
| Endrin | 1 | 6.57 | 6.52 | 6.62 | 32.6 | 9.3 |
| | 2 | 5.78 | 5.73 | 5.83 | 29.7 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PR132-S07-000102-20251017MSI**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** Q3395-04MSD **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 1 | 6.70 | 6.65 | 6.75 | 34.4 | 15.3 |
| | 2 | 5.92 | 5.87 | 5.97 | 29.5 | |
| 4,4'-DDT | 1 | 7.02 | 6.97 | 7.07 | 34.0 | 9.9 |
| | 2 | 6.17 | 6.12 | 6.22 | 30.8 | |
| alpha-BHC | 1 | 3.99 | 3.94 | 4.04 | 31.9 | 10.9 |
| | 2 | 3.39 | 3.34 | 3.44 | 28.6 | |
| Aldrin | 1 | 5.26 | 5.21 | 5.31 | 32.6 | 9.3 |
| | 2 | 4.36 | 4.31 | 4.41 | 29.7 | |
| beta-BHC | 1 | 4.51 | 4.46 | 4.56 | 26.3 | 9.4 |
| | 2 | 4.02 | 3.97 | 4.07 | 28.9 | |
| delta-BHC | 1 | 4.76 | 4.71 | 4.81 | 32.6 | 7.3 |
| | 2 | 4.26 | 4.21 | 4.31 | 30.3 | |
| Endosulfan I | 1 | 6.07 | 6.02 | 6.12 | 31.9 | 18.5 |
| | 2 | 5.24 | 5.19 | 5.29 | 26.5 | |
| alpha-Chlordane | 1 | 6.02 | 5.97 | 6.07 | 31.4 | 1.9 |
| | 2 | 5.18 | 5.13 | 5.23 | 30.8 | |
| 4,4'-DDE | 1 | 6.19 | 6.14 | 6.24 | 37.2 | 10.8 |
| | 2 | 5.37 | 5.32 | 5.42 | 33.4 | |
| Dieldrin | 1 | 6.34 | 6.29 | 6.39 | 32.9 | 4.7 |
| | 2 | 5.50 | 5.45 | 5.55 | 31.4 | |
| Endosulfan II | 1 | 6.78 | 6.73 | 6.83 | 31.5 | 1.3 |
| | 2 | 6.07 | 6.02 | 6.12 | 31.1 | |
| Endrin aldehyde | 1 | 6.91 | 6.86 | 6.96 | 32.8 | 6.3 |
| | 2 | 6.25 | 6.20 | 6.30 | 30.8 | |
| Endosulfan sulfate | 1 | 7.15 | 7.10 | 7.20 | 32.5 | 6 |
| | 2 | 6.47 | 6.42 | 6.52 | 30.6 | |
| Methoxychlor | 1 | 7.49 | 7.44 | 7.54 | 33.2 | 2.1 |
| | 2 | 6.74 | 6.69 | 6.79 | 32.5 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PR132-S07-000102-20251017MSI**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** Q3395-04MSD **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| Endrin ketone | 1 | 7.63 | 7.58 | 7.68 | 34.1 | 13.1 |
| | 2 | 6.98 | 6.93 | 7.03 | 29.9 | |
| gamma-BHC (Lindane) | 1 | 4.33 | 4.28 | 4.38 | 31.9 | 9.2 |
| | 2 | 3.72 | 3.67 | 3.77 | 29.1 | |
| Heptachlor | 1 | 4.92 | 4.87 | 4.97 | 38.1 | 17.4 |
| | 2 | 4.07 | 4.02 | 4.12 | 32.0 | |
| Heptachlor epoxide | 1 | 5.69 | 5.64 | 5.74 | 32.4 | 5.4 |
| | 2 | 4.86 | 4.81 | 4.91 | 30.7 | |
| gamma-Chlordane | 1 | 5.94 | 5.89 | 5.99 | 31.0 | 1 |
| | 2 | 5.12 | 5.07 | 5.17 | 31.3 | |
| Endrin | 1 | 6.57 | 6.52 | 6.62 | 32.1 | 9.8 |
| | 2 | 5.78 | 5.73 | 5.83 | 29.1 | |

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

## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PR132-WC1-20251022**

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **SDG NO.:** Q3434

**Lab Sample ID:** Q3434-01 **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_D **Instrument ID (2):** ECD_D

**GC Column: (1):** ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 4,4'-DDE | 1 | 6.19 | 6.14 | 6.24 | 0.67 | 73.7 |
| | 2 | 5.37 | 5.32 | 5.42 | 0.31 | |
| Dieldrin | 1 | 6.35 | 6.30 | 6.40 | 0.27 | 52 |
| | 2 | 5.50 | 5.45 | 5.55 | 0.46 | |