



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

LAB CHRONICLE

|          |              |            |                                        |
|----------|--------------|------------|----------------------------------------|
| OrderID: | P4861        | OrderDate: | 11/14/2024 1:44:00 PM                  |
| Client:  | AECOM        | Project:   | Meeker Ave Plumes Superfund Site RI FS |
| Contact: | Amit Haryani | Location:  | L41                                    |

| LabID    | ClientID       | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------------|--------|------|--------|-------------|-----------|-----------|----------|
| P4861-01 | WC-11-A-202411 | WATER  | PCB  | 8082A  | 11/13/24    | 11/15/24  | 11/15/24  | 11/14/24 |



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**Hit Summary Sheet**  
**SW-846**

**SDG No.:** P4861

**Order ID:** P4861

**Client:** AECOM

**Project ID:** Meeker Ave Plumes Superfund Site RI

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

**Client ID :**

**Total Concentration:** 0.000



# SAMPLE DATA

## Report of Analysis

|                    |                                        |           |                    |          |           |
|--------------------|----------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    | 11/13/24 |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     | 11/14/24 |           |
| Client Sample ID:  | WC-11-A-202411                         |           | SDG No.:           | P4861    |           |
| Lab Sample ID:     | P4861-01                               |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                        |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |          |           |
| Prep Method :      | 3510C                                  |           |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP068519.D        | 1         | 11/15/24 08:21 | 11/15/24 22:51 | PB164990      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.0  |           | 10 - 157 | 100%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.4  |           | 10 - 173 | 82%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



# QC SUMMARY

### Surrogate Summary

SDG No.: **P4861**

Client: **AECOM**

Analytical Method: **8082A**

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PP068360.D | PIBLK-PP068360.D | Tetrachloro-m-xylene | 1      | 20    | 21.0   | 105 |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 23.4   | 117 |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 23.6   | 118 |      | 60     | 140  |
| I.BLK-PP068514.D | PIBLK-PP068514.D | Tetrachloro-m-xylene | 1      | 20    | 20.5   | 103 |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 21.0   | 105 |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.4   | 107 |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.3   | 101 |      | 60     | 140  |
| PB164990BL       | PB164990BL       | Tetrachloro-m-xylene | 1      | 20    | 19.4   | 97  |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.9   | 100 |      | 10     | 173  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 100 |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.1   | 100 |      | 10     | 173  |
| PB164990BS       | PB164990BS       | Tetrachloro-m-xylene | 1      | 20    | 20.1   | 101 |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.4   | 102 |      | 10     | 173  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.7   | 104 |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.1   | 100 |      | 10     | 173  |
| PB164990BSD      | PB164990BSD      | Tetrachloro-m-xylene | 1      | 20    | 19.8   | 99  |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.1   | 101 |      | 10     | 173  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.2   | 101 |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.1   | 100 |      | 10     | 173  |
| P4861-01         | WC-11-A-202411   | Tetrachloro-m-xylene | 1      | 20    | 19.3   | 96  |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 16.4   | 82  |      | 10     | 173  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.0   | 100 |      | 10     | 157  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.2   | 81  |      | 10     | 173  |
| I.BLK-PP068528.D | PIBLK-PP068528.D | Tetrachloro-m-xylene | 1      | 20    | 20.3   | 102 |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 21.5   | 108 |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.2   | 111 |      | 60     | 140  |



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4861

Client: AECOM

Analytical Method: 8082A Datafile : PP068516.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |           |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164990BS    | AR1016    | 5     | 4.40   | ug/L  | 88  |     |      |      | 61  | 112    |  |     |
|               | AR1260    | 5     | 4.20   | ug/L  | 84  |     |      |      | 66  | 113    |  |     |



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### Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4861

Client: AECOM

Analytical Method: 8082A Datafile : PP068517.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |           |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB164990BSD   | AR1016    | 5     | 4.40   | ug/L  | 88  | 0   |      |      | 61  | 112    | 20  |
|               | AR1260    | 5     | 4.10   | ug/L  | 82  | 2   |      |      | 66  | 113    | 20  |



4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164990BL

Lab Name: CHEMTECH

Contract: AECO02

Lab Code: CHEM Case No.: P4861

SAS No.: P4861 SDG NO.: P4861

Lab Sample ID: PB164990BL

Lab File ID: PP068515.D

Matrix: (soil/water) WATER

Extraction: (Type) \_\_\_\_\_

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/15/2024

Date Analyzed (1): 11/15/2024

Date Analyzed (2): 11/15/2024

Time Analyzed (1): 21:46

Time Analyzed (2): 21:46

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB164990BS        | PB164990BS       | PP068516.D     | 11/15/2024         | 11/15/2024         |
| PB164990BSD       | PB164990BSD      | PP068517.D     | 11/15/2024         | 11/15/2024         |
| WC-11-A-202411    | P4861-01         | PP068519.D     | 11/15/2024         | 11/15/2024         |

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



# CALIBRATION SUMMARY



**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.67 | 10.67 | 10.67 | 10.67 | 10.67 | 10.67 | 10.57 | 10.77 |
| Tetrachloro-m-xylene | 4.76  | 4.76  | 4.76  | 4.76  | 4.76  | 4.76  | 4.66  | 4.86  |

A  
B  
C  
D  
E  
F  
G

A  
B  
C  
D  
E  
F  
G

**Calibration Times:**                      02:45                      10:39

LAB FILE ID: RT 1000 = PP068361.D RT 750 = PP068362.D  
RT 500 = PP068363.D RT 250 = PP068364.D RT 050 = PP068365.D

[illegible]

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 9.21 | 9.21 | 9.21 | 9.21 | 9.21 | 9.21 | 9.11 | 9.31 |
| Tetrachloro-m-xylene | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 3.95 | 4.15 |

A  
B  
C  
D  
E  
F  
G

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** AECO02

**Lab Code:** CHEM **Case No.:** P4861 **SAS No.:** P4861 **SDG NO.:** P4861

**Instrument ID:** ECD\_P **Calibration Date(s):** 11/08/2024 11/08/2024  
**Calibration Times:** 02:45 10:39

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

| LAB FILE ID:         |     |            |            |            |            |            |            |       |
|----------------------|-----|------------|------------|------------|------------|------------|------------|-------|
| CF 1000 =            |     | PP068361.D |            | CF 750 =   |            | PP068362.D |            |       |
| CF 500 =             |     | PP068363.D |            | CF 250 =   |            | PP068364.D |            |       |
| CF 050 =             |     | PP068365.D |            |            |            |            |            |       |
| COMPOUND             |     | CF 1000    | CF 750     | CF 500     | CF 250     | CF 050     | CF         | % RSD |
| Aroclor-1016-1       | (1) | 32722878   | 32987127   | 36694544   | 38565352   | 38710580   | 35936096   | 8     |
| Aroclor-1016-2       | (2) | 49685960   | 49794715   | 54179380   | 56028812   | 55062580   | 52950289   | 6     |
| Aroclor-1016-3       | (3) | 31039806   | 31308951   | 31477564   | 35261268   | 36454940   | 33108506   | 8     |
| Aroclor-1016-4       | (4) | 25063539   | 25553636   | 26008648   | 27599052   | 27185460   | 26282067   | 4     |
| Aroclor-1016-5       | (5) | 26884732   | 25863024   | 29532330   | 29666960   | 29092940   | 28207997   | 6     |
| Aroclor-1260-1       | (1) | 49214333   | 49857676   | 55068012   | 59485260   | 56895620   | 54104180   | 8     |
| Aroclor-1260-2       | (2) | 58512720   | 58794644   | 61905312   | 70175200   | 68666580   | 63610891   | 9     |
| Aroclor-1260-3       | (3) | 49867434   | 49696453   | 52919146   | 61783152   | 54693800   | 53791997   | 9     |
| Aroclor-1260-4       | (4) | 58030307   | 58392116   | 61219352   | 66884816   | 66613400   | 62227998   | 7     |
| Aroclor-1260-5       | (5) | 110582405  | 105927285  | 110379288  | 122419072  | 116614180  | 113184446  | 6     |
| Decachlorobiphenyl   |     | 1148744080 | 1179137973 | 1231906520 | 1372184000 | 1325426000 | 1251479715 | 8     |
| Tetrachloro-m-xylene |     | 976730760  | 989539880  | 977459580  | 1014058520 | 895270000  | 970611748  | 5     |
| Aroclor-1242-1       | (1) | 27983462   | 28943796   | 29856910   | 31981108   | 30602220   | 29873499   | 5     |
| Aroclor-1242-2       | (2) | 42123278   | 43550552   | 43993198   | 46167728   | 44675600   | 44102071   | 3     |
| Aroclor-1242-3       | (3) | 26373595   | 27535909   | 27652176   | 30639224   | 27091300   | 27858441   | 6     |
| Aroclor-1242-4       | (4) | 21517643   | 22331261   | 22041924   | 22696804   | 20812240   | 21879974   | 3     |
| Aroclor-1242-5       | (5) | 23574356   | 24961212   | 24214552   | 25605828   | 23046100   | 24280410   | 4     |
| Decachlorobiphenyl   |     | 1136957280 | 1191065427 | 1253556200 | 1358666560 | 1321692600 | 1252387613 | 7     |
| Tetrachloro-m-xylene |     | 992458220  | 982684227  | 997132340  | 1047919280 | 945647800  | 993168373  | 4     |
| Aroclor-1248-1       | (1) | 21167087   | 22295227   | 23730874   | 24762524   | 20866540   | 22564450   | 7     |
| Aroclor-1248-2       | (2) | 31519452   | 32630243   | 34719948   | 35861524   | 33321940   | 33610621   | 5     |
| Aroclor-1248-3       | (3) | 34960996   | 35667725   | 37475430   | 40578268   | 33895940   | 36515672   | 7     |
| Aroclor-1248-4       | (4) | 40590754   | 42179399   | 43079186   | 47529360   | 40549640   | 42785668   | 7     |
| Aroclor-1248-5       | (5) | 41079234   | 41993397   | 42275646   | 47274032   | 35073820   | 41539226   | 10    |
| Decachlorobiphenyl   |     | 1161914410 | 1206078453 | 1287629180 | 1388690560 | 1317466800 | 1272355881 | 7     |
| Tetrachloro-m-xylene |     | 965301010  | 976063867  | 1045296820 | 1022231200 | 905772600  | 982933099  | 6     |
| Aroclor-1254-1       | (1) | 45656926   | 46370784   | 48591708   | 55398616   | 63414000   | 51886407   | 14    |
| Aroclor-1254-2       | (2) | 61419018   | 62089981   | 65367616   | 73235084   | 79075760   | 68237492   | 11    |
| Aroclor-1254-3       | (3) | 65006662   | 66406433   | 68483584   | 76667348   | 80726040   | 71458013   | 10    |
| Aroclor-1254-4       | (4) | 47495422   | 48750441   | 50445040   | 59112016   | 63268560   | 53814296   | 13    |
| Aroclor-1254-5       | (5) | 57629379   | 58072741   | 61204598   | 69375440   | 67051440   | 62666720   | 8     |
| Decachlorobiphenyl   |     | 1183925920 | 1211314307 | 1284210900 | 1390837600 | 1376990800 | 1289455905 | 7     |
| Tetrachloro-m-xylene |     | 989066910  | 975183547  | 996076320  | 1021088560 | 988613200  | 994005707  | 2     |
| Aroclor-1268-1       | (1) | 148554696  | 149057943  | 156954174  | 165835368  | 151067220  | 154293880  | 5     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1268-2       | (2) | 135127060  | 135811816  | 143719574  | 151054592  | 134221840  | 139986976  | 5  |
| Aroclor-1268-3       | (3) | 121067798  | 121993447  | 126378426  | 137822256  | 120978560  | 125648097  | 6  |
| Aroclor-1268-4       | (4) | 55813556   | 54500479   | 57743018   | 60592344   | 38533680   | 53436615   | 16 |
| Aroclor-1268-5       | (5) | 385860144  | 385976919  | 400737274  | 424727304  | 387529100  | 396966148  | 4  |
| Decachlorobiphenyl   |     | 1949212650 | 1956251560 | 2086617000 | 2251184600 | 2062984000 | 2061249962 | 6  |
| Tetrachloro-m-xylene |     | 999802000  | 981646360  | 1047559160 | 988642360  | 831404200  | 969810816  | 8  |



# CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Instrument ID: ECD\_P Calibration Date(s): 11/08/2024 11/08/2024

Calibration Times: 02:45 10:39

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

| LAB FILE ID:               |     | CF 1000 = <u>PP068361.D</u> |            | CF 750 = <u>PP068362.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP068363.D</u> |     | CF 250 = <u>PP068364.D</u>  |            | CF 050 = <u>PP068365.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 28675269                    | 31688729   | 32908702                   | 36316968   | 35645980   | 33047130   |
| Aroclor-1016-2             | (2) | 45372737                    | 44532471   | 46481004                   | 50131748   | 47195120   | 46742616   |
| Aroclor-1016-3             | (3) | 25581263                    | 25572389   | 25828308                   | 29036828   | 29182360   | 27040230   |
| Aroclor-1016-4             | (4) | 22022727                    | 22558800   | 23000164                   | 24742976   | 25650260   | 23594985   |
| Aroclor-1016-5             | (5) | 28396741                    | 28558155   | 29494206                   | 33716108   | 28045580   | 29642158   |
| Aroclor-1260-1             | (1) | 50792238                    | 51496668   | 53738098                   | 60629720   | 61588060   | 55648957   |
| Aroclor-1260-2             | (2) | 59992941                    | 60241951   | 64329398                   | 71848292   | 74766160   | 66235748   |
| Aroclor-1260-3             | (3) | 57127224                    | 57366085   | 59805332                   | 69966764   | 65191800   | 61891441   |
| Aroclor-1260-4             | (4) | 50380547                    | 50692913   | 52887170                   | 57961512   | 51762800   | 52736988   |
| Aroclor-1260-5             | (5) | 115281087                   | 113974237  | 117997240                  | 127736412  | 120391040  | 119076003  |
| Decachlorobiphenyl         |     | 1067011790                  | 1067726547 | 1123064240                 | 1231914520 | 1166184600 | 1131180339 |
| Tetrachloro-m-xylene       |     | 972289500                   | 961505133  | 979740920                  | 1035015200 | 892893600  | 968288871  |
| Aroclor-1242-1             | (1) | 26036404                    | 26596448   | 27385734                   | 29619468   | 29310780   | 27789767   |
| Aroclor-1242-2             | (2) | 36827504                    | 37452539   | 38777442                   | 41146472   | 38921400   | 38625071   |
| Aroclor-1242-3             | (3) | 20664122                    | 20558137   | 21869512                   | 21695856   | 21612620   | 21280049   |
| Aroclor-1242-4             | (4) | 21373603                    | 21814177   | 23240642                   | 23847296   | 23692700   | 22793684   |
| Aroclor-1242-5             | (5) | 25609316                    | 26872617   | 27207498                   | 29810676   | 27756660   | 27451353   |
| Decachlorobiphenyl         |     | 1071389140                  | 1064856587 | 1152041260                 | 1195523280 | 1288478000 | 1154457653 |
| Tetrachloro-m-xylene       |     | 966238420                   | 972029747  | 979866540                  | 1033639640 | 930236800  | 976402229  |
| Aroclor-1248-1             | (1) | 20444534                    | 20222528   | 22256466                   | 23287920   | 23025760   | 21847442   |
| Aroclor-1248-2             | (2) | 29533815                    | 29661357   | 32274092                   | 34842920   | 33533080   | 31969053   |
| Aroclor-1248-3             | (3) | 30992675                    | 31236121   | 33896722                   | 36614136   | 34801320   | 33508195   |
| Aroclor-1248-4             | (4) | 36032257                    | 36205659   | 39041408                   | 42885656   | 39979000   | 38828796   |
| Aroclor-1248-5             | (5) | 34550039                    | 34918980   | 36548116                   | 40687028   | 38637220   | 37068277   |
| Decachlorobiphenyl         |     | 1075259530                  | 1103159067 | 1175200200                 | 1246394680 | 1231284200 | 1166259535 |
| Tetrachloro-m-xylene       |     | 950224170                   | 961311800  | 990959620                  | 1038390440 | 915281600  | 971233526  |
| Aroclor-1254-1             | (1) | 54665587                    | 57402907   | 60611942                   | 70904972   | 59624080   | 60641898   |
| Aroclor-1254-2             | (2) | 47820782                    | 49399019   | 52999540                   | 61073956   | 52383280   | 52735315   |
| Aroclor-1254-3             | (3) | 78076384                    | 79594720   | 83715772                   | 92115228   | 82804080   | 83261237   |
| Aroclor-1254-4             | (4) | 45870471                    | 47148891   | 49237464                   | 53498856   | 47382280   | 48627592   |
| Aroclor-1254-5             | (5) | 70292397                    | 70911040   | 73701438                   | 76415732   | 81847640   | 74633649   |
| Decachlorobiphenyl         |     | 1101361650                  | 1125516760 | 1206565780                 | 1266510680 | 1278915800 | 1195774134 |
| Tetrachloro-m-xylene       |     | 981660810                   | 970989867  | 1008018320                 | 1038763400 | 859285200  | 971743519  |
| Aroclor-1268-1             | (1) | 151267885                   | 153313264  | 156262812                  | 163758576  | 154047820  | 155730071  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 137742491  | 139526981  | 142805908  | 148619888  | 139099220  | 141558898  | 3 |
| Aroclor-1268-3       | (3) | 120301473  | 122381172  | 125911066  | 131464304  | 122515640  | 124514731  | 4 |
| Aroclor-1268-4       | (4) | 53869021   | 55184383   | 57264704   | 57620508   | 49083040   | 54604331   | 6 |
| Aroclor-1268-5       | (5) | 373667244  | 376833208  | 381941254  | 387550036  | 362884280  | 376575204  | 2 |
| Decachlorobiphenyl   |     | 1822479100 | 1863575213 | 1915658760 | 2051852880 | 2001053000 | 1930923791 | 5 |
| Tetrachloro-m-xylene |     | 973469740  | 966812560  | 1002294360 | 1022455760 | 875332800  | 968073044  | 6 |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Instrument ID: ECD\_P Date(s) Analyzed: 11/08/2024 11/08/2024

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.96 | 4.86      | 5.06 | 13562200              |
|              |                | 2    | 5.05 | 4.95      | 5.15 | 10085600              |
|              |                | 3    | 5.13 | 5.03      | 5.23 | 30259800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 5.12 | 5.02      | 5.22 | 23319600              |
|              |                | 2    | 5.66 | 5.56      | 5.76 | 14954700              |
|              |                | 3    | 5.94 | 5.84      | 6.04 | 25054000              |
|              |                | 4    | 6.11 | 6.01      | 6.21 | 12378200              |
|              |                | 5    | 6.19 | 6.09      | 6.29 | 9944800               |
| Aroclor-1262 | 500            | 1    | 8.38 | 8.28      | 8.48 | 74132800              |
|              |                | 2    | 8.71 | 8.61      | 8.81 | 128999000             |
|              |                | 3    | 9.05 | 8.95      | 9.15 | 95681000              |
|              |                | 4    | 9.15 | 9.05      | 9.25 | 76386800              |
|              |                | 5    | 9.85 | 9.75      | 9.95 | 53482800              |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Instrument ID: ECD\_P Date(s) Analyzed: 11/08/2024 11/08/2024

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.27 | 4.17      | 4.37 | 12610400              |
|              |                | 2    | 4.35 | 4.25      | 4.45 | 9772940               |
|              |                | 3    | 4.43 | 4.33      | 4.53 | 30490800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.43 | 4.33      | 4.53 | 23601600              |
|              |                | 2    | 5.18 | 5.08      | 5.28 | 21785200              |
|              |                | 3    | 5.36 | 5.26      | 5.46 | 11210600              |
|              |                | 4    | 5.44 | 5.34      | 5.54 | 10956500              |
|              |                | 5    | 5.62 | 5.52      | 5.72 | 12320000              |
| Aroclor-1262 | 500            | 1    | 7.21 | 7.11      | 7.31 | 77596600              |
|              |                | 2    | 7.48 | 7.38      | 7.58 | 70694600              |
|              |                | 3    | 8.00 | 7.90      | 8.10 | 58847400              |
|              |                | 4    | 8.06 | 7.96      | 8.16 | 103602000             |
|              |                | 5    | 8.59 | 8.49      | 8.69 | 50691400              |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Continuing Calib Date: 11/15/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 20:24 Initial Calibration Time(s): 02:45 10:39

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.92       | 5.92      | 5.82      | 6.02  | 0.00       |
| Aroclor-1016-2       | (2) | 5.94       | 5.94      | 5.84      | 6.04  | 0.00       |
| Aroclor-1016-3       | (3) | 6.01       | 6.01      | 5.91      | 6.11  | 0.00       |
| Aroclor-1016-4       | (4) | 6.11       | 6.11      | 6.01      | 6.21  | 0.00       |
| Aroclor-1016-5       | (5) | 6.40       | 6.40      | 6.30      | 6.50  | 0.00       |
| Aroclor-1260-1       | (1) | 7.52       | 7.52      | 7.42      | 7.62  | 0.00       |
| Aroclor-1260-2       | (2) | 7.78       | 7.78      | 7.68      | 7.88  | 0.00       |
| Aroclor-1260-3       | (3) | 8.14       | 8.14      | 8.04      | 8.24  | 0.00       |
| Aroclor-1260-4       | (4) | 8.39       | 8.38      | 8.28      | 8.48  | -0.01      |
| Aroclor-1260-5       | (5) | 8.71       | 8.71      | 8.61      | 8.81  | 0.00       |
| Tetrachloro-m-xylene |     | 4.76       | 4.76      | 4.66      | 4.86  | 0.00       |
| Decachlorobiphenyl   |     | 10.67      | 10.67     | 10.57     | 10.77 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Continuing Calib Date: 11/15/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 20:24 Initial Calibration Time(s): 02:45 10:39

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 5.16       | 5.16      | 5.06      | 5.26 | 0.00       |
| Aroclor-1016-2       | (2) | 5.18       | 5.18      | 5.08      | 5.28 | 0.00       |
| Aroclor-1016-3       | (3) | 5.36       | 5.36      | 5.26      | 5.46 | 0.00       |
| Aroclor-1016-4       | (4) | 5.40       | 5.40      | 5.30      | 5.50 | 0.00       |
| Aroclor-1016-5       | (5) | 5.62       | 5.62      | 5.52      | 5.72 | 0.01       |
| Aroclor-1260-1       | (1) | 6.66       | 6.66      | 6.56      | 6.76 | 0.00       |
| Aroclor-1260-2       | (2) | 6.84       | 6.85      | 6.75      | 6.95 | 0.01       |
| Aroclor-1260-3       | (3) | 7.00       | 7.01      | 6.91      | 7.11 | 0.01       |
| Aroclor-1260-4       | (4) | 7.48       | 7.48      | 7.38      | 7.58 | 0.00       |
| Aroclor-1260-5       | (5) | 7.72       | 7.72      | 7.62      | 7.82 | 0.00       |
| Tetrachloro-m-xylene |     | 4.05       | 4.05      | 3.95      | 4.15 | 0.00       |
| Decachlorobiphenyl   |     | 9.21       | 9.21      | 9.11      | 9.31 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL01 Date Analyzed: 11/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP068510.D Time Analyzed: 20:24

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                      |        | FROM      | TO     |                    |                   |       |
| Aroclor-1016-1       | 5.922  | 5.821     | 6.021  | 472.500            | 500.000           | -5.5  |
| Aroclor-1016-2       | 5.944  | 5.844     | 6.044  | 472.860            | 500.000           | -5.4  |
| Aroclor-1016-3       | 6.007  | 5.908     | 6.108  | 479.160            | 500.000           | -4.2  |
| Aroclor-1016-4       | 6.106  | 6.005     | 6.205  | 489.700            | 500.000           | -2.1  |
| Aroclor-1016-5       | 6.400  | 6.299     | 6.499  | 458.100            | 500.000           | -8.4  |
| Aroclor-1260-1       | 7.523  | 7.423     | 7.623  | 430.710            | 500.000           | -13.9 |
| Aroclor-1260-2       | 7.777  | 7.676     | 7.876  | 424.670            | 500.000           | -15.1 |
| Aroclor-1260-3       | 8.138  | 8.038     | 8.238  | 418.710            | 500.000           | -16.3 |
| Aroclor-1260-4       | 8.386  | 8.276     | 8.476  | 511.700            | 500.000           | 2.3   |
| Aroclor-1260-5       | 8.714  | 8.613     | 8.813  | 416.630            | 500.000           | -16.7 |
| Decachlorobiphenyl   | 10.672 | 10.572    | 10.772 | 43.290             | 50.000            | -13.4 |
| Tetrachloro-m-xylene | 4.758  | 4.657     | 4.857  | 49.020             | 50.000            | -2.0  |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL01 Date Analyzed: 11/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP068510.D Time Analyzed: 20:24

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 5.156 | 5.058     | 5.258 | 493.060            | 500.000           | -1.4  |
| Aroclor-1016-2       | 5.176 | 5.079     | 5.279 | 483.510            | 500.000           | -3.3  |
| Aroclor-1016-3       | 5.356 | 5.259     | 5.459 | 468.000            | 500.000           | -6.4  |
| Aroclor-1016-4       | 5.396 | 5.298     | 5.498 | 477.230            | 500.000           | -4.6  |
| Aroclor-1016-5       | 5.615 | 5.517     | 5.717 | 486.010            | 500.000           | -2.8  |
| Aroclor-1260-1       | 6.658 | 6.560     | 6.760 | 461.540            | 500.000           | -7.7  |
| Aroclor-1260-2       | 6.844 | 6.747     | 6.947 | 449.250            | 500.000           | -10.2 |
| Aroclor-1260-3       | 7.002 | 6.905     | 7.105 | 455.620            | 500.000           | -8.9  |
| Aroclor-1260-4       | 7.476 | 7.378     | 7.578 | 461.480            | 500.000           | -7.7  |
| Aroclor-1260-5       | 7.715 | 7.617     | 7.817 | 440.080            | 500.000           | -12.0 |
| Decachlorobiphenyl   | 9.207 | 9.110     | 9.310 | 43.820             | 50.000            | -12.4 |
| Tetrachloro-m-xylene | 4.050 | 3.951     | 4.151 | 50.120             | 50.000            | 0.2   |



### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Continuing Calib Date: 11/16/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 00:45 Initial Calibration Time(s): 02:45 10:39

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.92       | 5.92      | 5.82      | 6.02  | 0.00       |
| Aroclor-1016-2       | (2) | 5.95       | 5.94      | 5.84      | 6.04  | -0.01      |
| Aroclor-1016-3       | (3) | 6.01       | 6.01      | 5.91      | 6.11  | 0.00       |
| Aroclor-1016-4       | (4) | 6.11       | 6.11      | 6.01      | 6.21  | 0.00       |
| Aroclor-1016-5       | (5) | 6.40       | 6.40      | 6.30      | 6.50  | 0.00       |
| Aroclor-1260-1       | (1) | 7.53       | 7.52      | 7.42      | 7.62  | -0.01      |
| Aroclor-1260-2       | (2) | 7.78       | 7.78      | 7.68      | 7.88  | 0.00       |
| Aroclor-1260-3       | (3) | 8.14       | 8.14      | 8.04      | 8.24  | 0.00       |
| Aroclor-1260-4       | (4) | 8.38       | 8.38      | 8.28      | 8.48  | 0.00       |
| Aroclor-1260-5       | (5) | 8.72       | 8.71      | 8.61      | 8.81  | -0.01      |
| Tetrachloro-m-xylene |     | 4.76       | 4.76      | 4.66      | 4.86  | 0.00       |
| Decachlorobiphenyl   |     | 10.68      | 10.67     | 10.57     | 10.77 | -0.01      |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

Continuing Calib Date: 11/16/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 00:45 Initial Calibration Time(s): 02:45 10:39

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 5.16       | 5.16      | 5.06      | 5.26 | 0.00       |
| Aroclor-1016-2       | (2) | 5.18       | 5.18      | 5.08      | 5.28 | 0.00       |
| Aroclor-1016-3       | (3) | 5.36       | 5.36      | 5.26      | 5.46 | 0.00       |
| Aroclor-1016-4       | (4) | 5.40       | 5.40      | 5.30      | 5.50 | 0.00       |
| Aroclor-1016-5       | (5) | 5.62       | 5.62      | 5.52      | 5.72 | 0.00       |
| Aroclor-1260-1       | (1) | 6.66       | 6.66      | 6.56      | 6.76 | 0.00       |
| Aroclor-1260-2       | (2) | 6.85       | 6.85      | 6.75      | 6.95 | 0.00       |
| Aroclor-1260-3       | (3) | 7.00       | 7.01      | 6.91      | 7.11 | 0.01       |
| Aroclor-1260-4       | (4) | 7.48       | 7.48      | 7.38      | 7.58 | 0.00       |
| Aroclor-1260-5       | (5) | 7.72       | 7.72      | 7.62      | 7.82 | 0.00       |
| Tetrachloro-m-xylene |     | 4.05       | 4.05      | 3.95      | 4.15 | 0.00       |
| Decachlorobiphenyl   |     | 9.21       | 9.21      | 9.11      | 9.31 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL02 Date Analyzed: 11/16/2024

Lab Sample No.: AR1660CCC500 Data File : PP068524.D Time Analyzed: 00:45

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                      |        | FROM      | TO     |                    |                   |       |
| Aroclor-1016-1       | 5.924  | 5.821     | 6.021  | 467.470            | 500.000           | -6.5  |
| Aroclor-1016-2       | 5.946  | 5.844     | 6.044  | 474.360            | 500.000           | -5.1  |
| Aroclor-1016-3       | 6.010  | 5.908     | 6.108  | 481.730            | 500.000           | -3.7  |
| Aroclor-1016-4       | 6.108  | 6.005     | 6.205  | 487.190            | 500.000           | -2.6  |
| Aroclor-1016-5       | 6.402  | 6.299     | 6.499  | 471.960            | 500.000           | -5.6  |
| Aroclor-1260-1       | 7.526  | 7.423     | 7.623  | 449.420            | 500.000           | -10.1 |
| Aroclor-1260-2       | 7.779  | 7.676     | 7.876  | 443.760            | 500.000           | -11.2 |
| Aroclor-1260-3       | 8.141  | 8.038     | 8.238  | 440.350            | 500.000           | -11.9 |
| Aroclor-1260-4       | 8.379  | 8.276     | 8.476  | 430.390            | 500.000           | -13.9 |
| Aroclor-1260-5       | 8.717  | 8.613     | 8.813  | 426.140            | 500.000           | -14.8 |
| Decachlorobiphenyl   | 10.676 | 10.572    | 10.772 | 44.620             | 50.000            | -10.8 |
| Tetrachloro-m-xylene | 4.760  | 4.657     | 4.857  | 49.160             | 50.000            | -1.7  |

### CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG NO.: P4861

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL02 Date Analyzed: 11/16/2024

Lab Sample No.: AR1660CCC500 Data File : PP068524.D Time Analyzed: 00:45

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 5.157 | 5.058     | 5.258 | 503.140            | 500.000           | 0.6   |
| Aroclor-1016-2       | 5.177 | 5.079     | 5.279 | 488.860            | 500.000           | -2.2  |
| Aroclor-1016-3       | 5.357 | 5.259     | 5.459 | 503.750            | 500.000           | 0.8   |
| Aroclor-1016-4       | 5.397 | 5.298     | 5.498 | 504.320            | 500.000           | 0.9   |
| Aroclor-1016-5       | 5.616 | 5.517     | 5.717 | 479.000            | 500.000           | -4.2  |
| Aroclor-1260-1       | 6.659 | 6.560     | 6.760 | 463.200            | 500.000           | -7.4  |
| Aroclor-1260-2       | 6.846 | 6.747     | 6.947 | 450.770            | 500.000           | -9.8  |
| Aroclor-1260-3       | 7.003 | 6.905     | 7.105 | 458.030            | 500.000           | -8.4  |
| Aroclor-1260-4       | 7.477 | 7.378     | 7.578 | 463.390            | 500.000           | -7.3  |
| Aroclor-1260-5       | 7.717 | 7.617     | 7.817 | 444.670            | 500.000           | -11.1 |
| Decachlorobiphenyl   | 9.209 | 9.110     | 9.310 | 45.170             | 50.000            | -9.7  |
| Tetrachloro-m-xylene | 4.051 | 3.951     | 4.151 | 49.890             | 50.000            | -0.2  |

## Analytical Sequence

|                                                 |                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------|
| Client: AECOM                                   | SDG No.: P4861                                                      |
| Project: Meeker Ave Plumes Superfund Site RI FS | Instrument ID: ECD_P                                                |
| GC Column: ZB-MR1                               | ID: 0.32 (mm)      Inst. Calib. Date(s): 11/08/2024      11/08/2024 |

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 11/08/2024       | 02:29            | PP068360.D | 10.67       | 4.76        |
| AR1660ICC1000     | AR1660ICC1000    | 11/08/2024       | 02:45            | PP068361.D | 10.67       | 4.76        |
| AR1660ICC750      | AR1660ICC750     | 11/08/2024       | 03:02            | PP068362.D | 10.68       | 4.76        |
| AR1660ICC500      | AR1660ICC500     | 11/08/2024       | 03:18            | PP068363.D | 10.67       | 4.76        |
| AR1660ICC250      | AR1660ICC250     | 11/08/2024       | 03:34            | PP068364.D | 10.68       | 4.76        |
| AR1660ICC050      | AR1660ICC050     | 11/08/2024       | 03:51            | PP068365.D | 10.67       | 4.76        |
| AR1221ICC500      | AR1221ICC500     | 11/08/2024       | 04:07            | PP068366.D | 10.68       | 4.76        |
| AR1232ICC500      | AR1232ICC500     | 11/08/2024       | 04:23            | PP068367.D | 10.67       | 4.76        |
| AR1242ICC1000     | AR1242ICC1000    | 11/08/2024       | 04:40            | PP068368.D | 10.67       | 4.76        |
| AR1242ICC750      | AR1242ICC750     | 11/08/2024       | 04:56            | PP068369.D | 10.67       | 4.76        |
| AR1242ICC500      | AR1242ICC500     | 11/08/2024       | 05:12            | PP068370.D | 10.67       | 4.76        |
| AR1242ICC250      | AR1242ICC250     | 11/08/2024       | 05:29            | PP068371.D | 10.67       | 4.76        |
| AR1242ICC050      | AR1242ICC050     | 11/08/2024       | 05:45            | PP068372.D | 10.68       | 4.76        |
| AR1248ICC1000     | AR1248ICC1000    | 11/08/2024       | 06:01            | PP068373.D | 10.67       | 4.76        |
| AR1248ICC750      | AR1248ICC750     | 11/08/2024       | 06:18            | PP068374.D | 10.68       | 4.76        |
| AR1248ICC500      | AR1248ICC500     | 11/08/2024       | 06:34            | PP068375.D | 10.67       | 4.76        |
| AR1248ICC250      | AR1248ICC250     | 11/08/2024       | 06:50            | PP068376.D | 10.67       | 4.76        |
| AR1248ICC050      | AR1248ICC050     | 11/08/2024       | 07:07            | PP068377.D | 10.67       | 4.76        |
| AR1254ICC1000     | AR1254ICC1000    | 11/08/2024       | 07:23            | PP068378.D | 10.67       | 4.76        |
| AR1254ICC750      | AR1254ICC750     | 11/08/2024       | 07:39            | PP068379.D | 10.67       | 4.76        |
| AR1254ICC500      | AR1254ICC500     | 11/08/2024       | 07:56            | PP068380.D | 10.67       | 4.76        |
| AR1254ICC250      | AR1254ICC250     | 11/08/2024       | 08:12            | PP068381.D | 10.67       | 4.76        |
| AR1254ICC050      | AR1254ICC050     | 11/08/2024       | 08:28            | PP068382.D | 10.67       | 4.76        |
| AR1262ICC500      | AR1262ICC500     | 11/08/2024       | 08:45            | PP068383.D | 10.67       | 4.76        |
| AR1268ICC1000     | AR1268ICC1000    | 11/08/2024       | 09:01            | PP068384.D | 10.67       | 4.76        |
| AR1268ICC750      | AR1268ICC750     | 11/08/2024       | 09:17            | PP068385.D | 10.67       | 4.76        |
| AR1268ICC500      | AR1268ICC500     | 11/08/2024       | 09:34            | PP068386.D | 10.67       | 4.76        |
| AR1268ICC250      | AR1268ICC250     | 11/08/2024       | 09:50            | PP068387.D | 10.67       | 4.76        |
| AR1268ICC050      | AR1268ICC050     | 11/08/2024       | 10:39            | PP068388.D | 10.67       | 4.76        |
| AR1660CCC500      | AR1660CCC500     | 11/15/2024       | 20:24            | PP068510.D | 10.67       | 4.76        |
| IBLK              | IBLK             | 11/15/2024       | 21:29            | PP068514.D | 10.68       | 4.76        |
| PB164990BL        | PB164990BL       | 11/15/2024       | 21:46            | PP068515.D | 10.68       | 4.76        |
| PB164990BS        | PB164990BS       | 11/15/2024       | 22:02            | PP068516.D | 10.68       | 4.76        |
| PB164990BSD       | PB164990BSD      | 11/15/2024       | 22:18            | PP068517.D | 10.68       | 4.76        |
| WC-11-A-202411    | P4861-01         | 11/15/2024       | 22:51            | PP068519.D | 10.68       | 4.76        |
| AR1660CCC500      | AR1660CCC500     | 11/16/2024       | 00:45            | PP068524.D | 10.68       | 4.76        |
| IBLK              | IBLK             | 11/16/2024       | 01:51            | PP068528.D | 10.68       | 4.76        |

## Analytical Sequence

|                                                 |                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------|
| Client: AECOM                                   | SDG No.: P4861                                                      |
| Project: Meeker Ave Plumes Superfund Site RI FS | Instrument ID: ECD_P                                                |
| GC Column: ZB-MR2                               | ID: 0.32 (mm)      Inst. Calib. Date(s): 11/08/2024      11/08/2024 |

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 11/08/2024       | 02:29            | PP068360.D | 9.21        | 4.05        |
| AR1660ICC1000     | AR1660ICC1000    | 11/08/2024       | 02:45            | PP068361.D | 9.21        | 4.05        |
| AR1660ICC750      | AR1660ICC750     | 11/08/2024       | 03:02            | PP068362.D | 9.21        | 4.05        |
| AR1660ICC500      | AR1660ICC500     | 11/08/2024       | 03:18            | PP068363.D | 9.21        | 4.05        |
| AR1660ICC250      | AR1660ICC250     | 11/08/2024       | 03:34            | PP068364.D | 9.21        | 4.05        |
| AR1660ICC050      | AR1660ICC050     | 11/08/2024       | 03:51            | PP068365.D | 9.21        | 4.05        |
| AR1221ICC500      | AR1221ICC500     | 11/08/2024       | 04:07            | PP068366.D | 9.21        | 4.05        |
| AR1232ICC500      | AR1232ICC500     | 11/08/2024       | 04:23            | PP068367.D | 9.21        | 4.05        |
| AR1242ICC1000     | AR1242ICC1000    | 11/08/2024       | 04:40            | PP068368.D | 9.21        | 4.05        |
| AR1242ICC750      | AR1242ICC750     | 11/08/2024       | 04:56            | PP068369.D | 9.21        | 4.05        |
| AR1242ICC500      | AR1242ICC500     | 11/08/2024       | 05:12            | PP068370.D | 9.21        | 4.05        |
| AR1242ICC250      | AR1242ICC250     | 11/08/2024       | 05:29            | PP068371.D | 9.21        | 4.05        |
| AR1242ICC050      | AR1242ICC050     | 11/08/2024       | 05:45            | PP068372.D | 9.21        | 4.05        |
| AR1248ICC1000     | AR1248ICC1000    | 11/08/2024       | 06:01            | PP068373.D | 9.21        | 4.05        |
| AR1248ICC750      | AR1248ICC750     | 11/08/2024       | 06:18            | PP068374.D | 9.21        | 4.05        |
| AR1248ICC500      | AR1248ICC500     | 11/08/2024       | 06:34            | PP068375.D | 9.21        | 4.05        |
| AR1248ICC250      | AR1248ICC250     | 11/08/2024       | 06:50            | PP068376.D | 9.21        | 4.05        |
| AR1248ICC050      | AR1248ICC050     | 11/08/2024       | 07:07            | PP068377.D | 9.21        | 4.05        |
| AR1254ICC1000     | AR1254ICC1000    | 11/08/2024       | 07:23            | PP068378.D | 9.21        | 4.05        |
| AR1254ICC750      | AR1254ICC750     | 11/08/2024       | 07:39            | PP068379.D | 9.21        | 4.05        |
| AR1254ICC500      | AR1254ICC500     | 11/08/2024       | 07:56            | PP068380.D | 9.21        | 4.05        |
| AR1254ICC250      | AR1254ICC250     | 11/08/2024       | 08:12            | PP068381.D | 9.21        | 4.05        |
| AR1254ICC050      | AR1254ICC050     | 11/08/2024       | 08:28            | PP068382.D | 9.21        | 4.05        |
| AR1262ICC500      | AR1262ICC500     | 11/08/2024       | 08:45            | PP068383.D | 9.21        | 4.05        |
| AR1268ICC1000     | AR1268ICC1000    | 11/08/2024       | 09:01            | PP068384.D | 9.21        | 4.05        |
| AR1268ICC750      | AR1268ICC750     | 11/08/2024       | 09:17            | PP068385.D | 9.21        | 4.05        |
| AR1268ICC500      | AR1268ICC500     | 11/08/2024       | 09:34            | PP068386.D | 9.21        | 4.05        |
| AR1268ICC250      | AR1268ICC250     | 11/08/2024       | 09:50            | PP068387.D | 9.21        | 4.05        |
| AR1268ICC050      | AR1268ICC050     | 11/08/2024       | 10:39            | PP068388.D | 9.21        | 4.05        |
| AR1660CCC500      | AR1660CCC500     | 11/15/2024       | 20:24            | PP068510.D | 9.21        | 4.05        |
| IBLK              | IBLK             | 11/15/2024       | 21:29            | PP068514.D | 9.21        | 4.05        |
| PB164990BL        | PB164990BL       | 11/15/2024       | 21:46            | PP068515.D | 9.21        | 4.05        |
| PB164990BS        | PB164990BS       | 11/15/2024       | 22:02            | PP068516.D | 9.21        | 4.05        |
| PB164990BSD       | PB164990BSD      | 11/15/2024       | 22:18            | PP068517.D | 9.21        | 4.05        |
| WC-11-A-202411    | P4861-01         | 11/15/2024       | 22:51            | PP068519.D | 9.21        | 4.05        |
| AR1660CCC500      | AR1660CCC500     | 11/16/2024       | 00:45            | PP068524.D | 9.21        | 4.05        |
| IBLK              | IBLK             | 11/16/2024       | 01:51            | PP068528.D | 9.21        | 4.05        |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                        |           |                    |       |           |
|--------------------|----------------------------------------|-----------|--------------------|-------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    |       |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     |       |           |
| Client Sample ID:  | PB164990BL                             |           | SDG No.:           | P4861 |           |
| Lab Sample ID:     | PB164990BL                             |           | Matrix:            | WATER |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB   |           |
| Extraction Type:   |                                        |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |       |           |
| Prep Method :      | 3510C                                  |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP068515.D        | 1         | 11/15/24 08:21 | 11/15/24 21:46 | PB164990      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.1  |           | 10 - 157 | 100%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |           | 10 - 173 | 100%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                                        |           |                    |          |           |
|--------------------|----------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    | 11/08/24 |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     | 11/08/24 |           |
| Client Sample ID:  | PIBLK-PP068360.D                       |           | SDG No.:           | P4861    |           |
| Lab Sample ID:     | I.BLK-PP068360.D                       |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                        |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |          |           |
| Prep Method :      | 5030                                   |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP068360.D        | 1         |           | 11/08/24      | PP110724      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 21.0  |           | 60 - 140 | 105%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 23.4  |           | 60 - 140 | 117%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                        |           |                    |          |           |
|--------------------|----------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    | 11/15/24 |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     | 11/15/24 |           |
| Client Sample ID:  | PIBLK-PP068514.D                       |           | SDG No.:           | P4861    |           |
| Lab Sample ID:     | I.BLK-PP068514.D                       |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                        |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |          |           |
| Prep Method :      | 5030                                   |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP068514.D        | 1         |           | 11/15/24      | PP111524      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.5  |           | 60 - 140 | 103%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.3  |           | 60 - 140 | 101%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                        |           |                    |          |           |
|--------------------|----------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    | 11/16/24 |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     | 11/16/24 |           |
| Client Sample ID:  | PIBLK-PP068528.D                       |           | SDG No.:           | P4861    |           |
| Lab Sample ID:     | I.BLK-PP068528.D                       |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                        |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |          |           |
| Prep Method :      | 5030                                   |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP068528.D        | 1         |           | 11/16/24      | PP111524      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.15  | U         | 0.15     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 60 - 140 | 102%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 21.5  |           | 60 - 140 | 108%       | SPK: 20 |

### Comments:

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J = Estimated Value

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\* = Values outside of QC limits

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                        |           |                    |       |           |
|--------------------|----------------------------------------|-----------|--------------------|-------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    |       |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     |       |           |
| Client Sample ID:  | PB164990BS                             |           | SDG No.:           | P4861 |           |
| Lab Sample ID:     | PB164990BS                             |           | Matrix:            | WATER |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB   |           |
| Extraction Type:   |                                        |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |       |           |
| Prep Method :      | 3510C                                  |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP068516.D        | 1         | 11/15/24 08:21 | 11/15/24 22:02 | PB164990      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 4.40  |           | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 4.20  |           | 0.15     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.7  |           | 10 - 157 | 104%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.4  |           | 10 - 173 | 102%       | SPK: 20 |

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## Report of Analysis

|                    |                                        |           |                    |       |           |
|--------------------|----------------------------------------|-----------|--------------------|-------|-----------|
| Client:            | AECOM                                  |           | Date Collected:    |       |           |
| Project:           | Meeker Ave Plumes Superfund Site RI FS |           | Date Received:     |       |           |
| Client Sample ID:  | PB164990BSD                            |           | SDG No.:           | P4861 |           |
| Lab Sample ID:     | PB164990BSD                            |           | Matrix:            | WATER |           |
| Analytical Method: | SW8082A                                |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PCB   |           |
| Extraction Type:   |                                        |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |       |           |
| Prep Method :      | 3510C                                  |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP068517.D        | 1         | 11/15/24 08:21 | 11/15/24 22:18 | PB164990      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 4.40  |           | 0.15     | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.23  | U         | 0.23     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.37  | U         | 0.37     | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.16  | U         | 0.16     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 4.10  |           | 0.15     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.2  |           | 10 - 157 | 101%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |           | 10 - 173 | 101%       | SPK: 20 |

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