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May 19, 2023

Mr. Josh Peters
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 5
Superfund and Emergency Management Division
77 West Jackson Boulevard
Chicago, Illinois 60604

**Subject: Data Validation Report
E Palestine Site - ER
EPA Contract No.: 68HE0519D0005
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201
Document Tracking No. 1842**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for thirty six air samples collected at the E Palestine Site. The samples were collected between April 26 and May 2, 2023, and were analyzed for VOCs using EPA Method TO-15 with tentatively identified compounds (TIC) and selective ion monitoring (SIM) by Eurofins Air Toxics' Folsom, California laboratory. The final laboratory data package was received on May 5, 2023.

Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), the *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

No rejection of results was required for this data package. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please feel free to contact me.

Sincerely,

Tom Hahne
Digitally signed by Tom Hahne
Date: 2023.05.19 14:14:20 -05'00'

Tom Hahne
Quality Reviewer

Enclosure

cc: Karl Schultz, Tetra Tech Program Manager
Dustin Grams, Tetra Tech Project Manager
Mayra ArroyoOrtiz, Tetra Tech Project Document Control Coordinator
TO-TOLIN File

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ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS AIR TOXICS REPORT NOS. 2304591, 2305017,
2305018 AND 2305066**

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | | | |
|------------------------------|---|---------------------|------------------------|
| Site Name | E Palestine Site - ER | TO/TOLIN No. | 68HE0520F0032/000 |
| Document Tracking No. | DTN 1842 | | |
| Laboratory Report No. | 2304591R1 | Laboratory | Eurofins Air Toxics, L |
| Analyses | Volatile organic compounds (VOCs) by EPA Method TO-15 with tentatively identified compounds and selective ion monitoring (SIM). | | |
| Samples and Matrix | Nine (9) Air Samples, including one (1) field duplicate | | |
| Collection Date(s) | 04/26/2023 | | |
| Field Duplicate Pairs | EPD-WA-02-042623/EPD-WA-22-042623 | | |
| Field QC Blanks | NA | | |

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2019), which were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Site Remediation* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on the findings of the validation.

Data completeness:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

Sample preservation, receipt, and holding times:

| Within Criteria | Exceedance/Notes |
|-----------------|--|
| Y | The laboratory case narrative notes the following: "A revised Chain of Custody (COC) was provided by the client. According to the email chain, the start pressure for sample EPD-WA-06-042623 was corrected and a revised COC was provided by the laboratory." |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Method blanks:

| Within Criteria | Exceedance/Notes | | |
|------------------|--|--|--|
| N | TO-15: The method blank reported trans-1,3-Dichloropropene, alpha-Chlorotoluene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, and Hexachlorobutadiene. The samples were unaffected. | | |
| | TO-15 SIM: The method blank reported Freon-114, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, Chloroform, Tetrachloroethene, 1,2-Dibromoethane, Ethyl Benzene, m,p-Xylene, o-Xylene, 1,1,2,2-Tetrachloroethane, 1,4-Dichlorobenzene, and Naphthalene. The following were qualified as estimated with a high bias (J+). | | |
| | Client ID | Lab ID | Compound(s) |
| | EPD-WA-02-042623 | 2304591R1-02B | o-Xylene |
| | EPD-WA-03-042623 | 2304591R1-05B | m,p-Xylene, o-Xylene |
| | EPD-WA-05-042623 | 2304591R1-06B | Naphthalene |
| | EPD-UW-F-042623 | 2304591R1-07B | o-Xylene |
| | EPD-WA-22-042623 | 2304591R1-08B | Ethyl Benzene, m,p-Xylene, o-Xylene |
| | The following were qualified as U at the RL: | | |
| | Client ID | Lab ID | Compound(s) |
| | EPD-WA-06-042623 | 2304591R1-01B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene |
| | EPD-WA-02-042623 | 2304591R1-02B | Freon-114, trans-1,2-Dichloroethene, Chloroform, Trichloroethene, Tetrachloroethene, Naphthalene |
| | EPD-WA-04-042623 | 2304591R1-03B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene |
| | EPD-DW-B-042623 | 2304591R1-04B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene, m,p-Xylene, o-Xylene |
| EPD-WA-03-042623 | 2304591R1-05B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene, Naphthalene | |
| EPD-WA-05-042623 | 2304591R1-06B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene | |
| EPD-UW-F-042623 | 2304591R1-07B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene | |
| EPD-WA-22-042623 | 2304591R1-08B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | | | |
|--|------------------|---------------|---|
| | EPD-WA-01-042623 | 2304591R1-09B | Freon-114, Chloroform, Trichloroethene, Tetrachloroethene |
|--|------------------|---------------|---|

Field blanks:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

Surrogates and labeled compounds:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

MS/MSDs:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

Laboratory duplicates:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

Field duplicates:

| Within Criteria | Exceedance/Notes |
|-----------------|--|
| N | The 2- Butanone results in the following were qualified as estimated (J) due to field duplicate imprecision: EPD-WA-02-042623 (2304591R1-02A) |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | |
|--|----------------------------------|
| | EPD-WA-22-042623 (2304591R1-08A) |
|--|----------------------------------|

LCSs/LCSDs:

| Within Criteria | Exceedance/Notes |
|-----------------|---|
| Y | TO-15 SIM: The LCS/LCSD recoveries were greater than QC limits for Naphthalene. The samples were unaffected. Naphthalene results were previously qualified due to method blank. |

Sample dilutions:

| Within Criteria | Exceedance/Notes |
|-----------------|---|
| Y | Container dilution = 1.46, 1.33, 1.43, 1.43, 1.42, 1.37, 1.39, 1.42 & 1.43 Canister dilution = 1.46, 1.33, 1.43, 1.43, 1.42, 1.37, 1.39, 1.42 & 1.43 |

Re-extraction and reanalysis:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

MDLs/RLs:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

Tentatively identified compounds:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Other [specify]:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| N | |

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is definitions that may be used for the validation of this data package:

| | |
|----|--|
| J | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample. |
| J+ | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, biased high. |
| J- | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, biased low. |
| NJ | The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample. |
| R | The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample. |
| U | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit). |
| UJ | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is consistent with the presence of the analyte due to deficiencies in one or more quality control criteria. |



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-DW-B-042623 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.3 | U |
| EPD-DW-B-042623 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.13 | J |
| EPD-DW-B-042623 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.86 | U |
| EPD-DW-B-042623 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.66 | U |
| EPD-DW-B-042623 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.7 | U |
| EPD-DW-B-042623 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.32 | U |
| EPD-DW-B-042623 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.86 | U |
| EPD-DW-B-042623 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.52 | U |
| EPD-DW-B-042623 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.3 | U |
| EPD-DW-B-042623 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.39 | J |
| EPD-DW-B-042623 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-DW-B-042623 | TO-15 | 591-78-6 | 2-HEXANONE | 2.9 | U |
| EPD-DW-B-042623 | TO-15 | 67-63-0 | 2-PROPANOL | 0.26 | J |
| EPD-DW-B-042623 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.2 | U |
| EPD-DW-B-042623 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.7 | U |
| EPD-DW-B-042623 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.58 | U |
| EPD-DW-B-042623 | TO-15 | 67-64-1 | ACETONE | 3.6 | J |
| EPD-DW-B-042623 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.74 | U |
| EPD-DW-B-042623 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.96 | U |
| EPD-DW-B-042623 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-DW-B-042623 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-DW-B-042623 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-DW-B-042623 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-DW-B-042623 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.66 | U |
| EPD-DW-B-042623 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.65 | U |
| EPD-DW-B-042623 | TO-15 | 98-82-8 | CUMENE | 0.7 | U |
| EPD-DW-B-042623 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.5 | U |
| EPD-DW-B-042623 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-DW-B-042623 | TO-15 | 64-17-5 | ETHANOL | 1.5 | J |
| EPD-DW-B-042623 | TO-15 | 75-69-4 | FREON 11 | 0.93 | |
| EPD-DW-B-042623 | TO-15 | 76-13-1 | FREON 113 | 0.43 | J |
| EPD-DW-B-042623 | TO-15 | 142-82-5 | HEPTANE | 0.11 | J |
| EPD-DW-B-042623 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.6 | U |
| EPD-DW-B-042623 | TO-15 | 110-54-3 | HEXANE | 0.22 | J |
| EPD-DW-B-042623 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.99 | U |
| EPD-DW-B-042623 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.7 | U |
| EPD-DW-B-042623 | TO-15 | 100-42-5 | STYRENE | 0.61 | U |
| EPD-DW-B-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-DW-B-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.65 | U |
| EPD-DW-B-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-DW-B-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-DW-B-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-DW-B-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-DW-B-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.057 | U |
| EPD-DW-B-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-DW-B-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.067 | J |
| EPD-DW-B-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-DW-B-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.31 | |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-UW-F-042623 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.15 | J |
| EPD-UW-F-042623 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 0.23 | J |
| EPD-UW-F-042623 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.64 | J |
| EPD-UW-F-042623 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-UW-F-042623 | TO-15 | 591-78-6 | 2-HEXANONE | 2.8 | U |
| EPD-UW-F-042623 | TO-15 | 67-63-0 | 2-PROPANOL | 0.84 | J |
| EPD-UW-F-042623 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.2 | U |
| EPD-UW-F-042623 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.2 | J |
| EPD-UW-F-042623 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.57 | U |
| EPD-UW-F-042623 | TO-15 | 67-64-1 | ACETONE | 7.1 | |
| EPD-UW-F-042623 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.72 | U |
| EPD-UW-F-042623 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.93 | U |
| EPD-UW-F-042623 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-UW-F-042623 | TO-15 | 74-83-9 | BROMOMETHANE | 27 | U |
| EPD-UW-F-042623 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-UW-F-042623 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-UW-F-042623 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.64 | U |
| EPD-UW-F-042623 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-UW-F-042623 | TO-15 | 98-82-8 | CUMENE | 0.68 | U |
| EPD-UW-F-042623 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-UW-F-042623 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-UW-F-042623 | TO-15 | 64-17-5 | ETHANOL | 2.8 | J |
| EPD-UW-F-042623 | TO-15 | 75-69-4 | FREON 11 | 0.96 | |
| EPD-UW-F-042623 | TO-15 | 76-13-1 | FREON 113 | 0.42 | J |
| EPD-UW-F-042623 | TO-15 | 142-82-5 | HEPTANE | 0.25 | J |
| EPD-UW-F-042623 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.4 | U |
| EPD-UW-F-042623 | TO-15 | 110-54-3 | HEXANE | 0.41 | J |
| EPD-UW-F-042623 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.62 | J |
| EPD-UW-F-042623 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.68 | U |
| EPD-UW-F-042623 | TO-15 | 100-42-5 | STYRENE | 0.59 | U |
| EPD-UW-F-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-UW-F-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-UW-F-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-UW-F-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-UW-F-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-UW-F-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-UW-F-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.055 | U |
| EPD-UW-F-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-UW-F-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.066 | J |
| EPD-UW-F-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-UW-F-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.59 | |
| EPD-UW-F-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.4 | |
| EPD-UW-F-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.019 | J |
| EPD-UW-F-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.063 | J |
| EPD-UW-F-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.72 | J |
| EPD-UW-F-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-UW-F-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.13 | |
| EPD-UW-F-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.096 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-01-042623 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.35 | J |
| EPD-WA-01-042623 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.58 | U |
| EPD-WA-01-042623 | TO-15 | 67-64-1 | ACETONE | 3.8 | J |
| EPD-WA-01-042623 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.74 | U |
| EPD-WA-01-042623 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.96 | U |
| EPD-WA-01-042623 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-WA-01-042623 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-WA-01-042623 | TO-15 | 106-97-8 | BUTANE | 1.1 | NJ |
| EPD-WA-01-042623 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1 | NJ |
| EPD-WA-01-042623 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-01-042623 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-WA-01-042623 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.66 | U |
| EPD-WA-01-042623 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.65 | U |
| EPD-WA-01-042623 | TO-15 | 98-82-8 | CUMENE | 0.7 | U |
| EPD-WA-01-042623 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.5 | U |
| EPD-WA-01-042623 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-01-042623 | TO-15 | 64-17-5 | ETHANOL | 3.3 | J |
| EPD-WA-01-042623 | TO-15 | 75-69-4 | FREON 11 | 0.94 | |
| EPD-WA-01-042623 | TO-15 | 76-13-1 | FREON 113 | 0.41 | J |
| EPD-WA-01-042623 | TO-15 | 142-82-5 | HEPTANE | 0.44 | J |
| EPD-WA-01-042623 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.6 | U |
| EPD-WA-01-042623 | TO-15 | 110-54-3 | HEXANE | 0.86 | J |
| EPD-WA-01-042623 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.99 | U |
| EPD-WA-01-042623 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.7 | U |
| EPD-WA-01-042623 | TO-15 | 100-42-5 | STYRENE | 0.61 | U |
| EPD-WA-01-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-01-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.65 | U |
| EPD-WA-01-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-WA-01-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-WA-01-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-WA-01-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-WA-01-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.057 | U |
| EPD-WA-01-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-01-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.063 | J |
| EPD-WA-01-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-01-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.96 | |
| EPD-WA-01-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.39 | |
| EPD-WA-01-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-01-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.06 | J |
| EPD-WA-01-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.71 | J |
| EPD-WA-01-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-01-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.25 | |
| EPD-WA-01-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.095 | J |
| EPD-WA-01-042623 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-01-042623 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.88 | |
| EPD-WA-01-042623 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.52 | U |
| EPD-WA-01-042623 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.083 | J |
| EPD-WA-01-042623 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.34 | |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-02-042623 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-02-042623 | TO-15 | 74-83-9 | BROMOMETHANE | 26 | U |
| EPD-WA-02-042623 | TO-15 | 106-97-8 | BUTANE | 0.69 | NJ |
| EPD-WA-02-042623 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 0.71 | NJ |
| EPD-WA-02-042623 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-02-042623 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.1 | U |
| EPD-WA-02-042623 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.61 | U |
| EPD-WA-02-042623 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.6 | U |
| EPD-WA-02-042623 | TO-15 | 98-82-8 | CUMENE | 0.65 | U |
| EPD-WA-02-042623 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.3 | U |
| EPD-WA-02-042623 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.1 | U |
| EPD-WA-02-042623 | TO-15 | 75-37-6 | ETHANE, 1,1-DIFLUORO- | 4.6 | NJ |
| EPD-WA-02-042623 | TO-15 | 64-17-5 | ETHANOL | 7.8 | |
| EPD-WA-02-042623 | TO-15 | 75-69-4 | FREON 11 | 0.94 | |
| EPD-WA-02-042623 | TO-15 | 76-13-1 | FREON 113 | 0.41 | J |
| EPD-WA-02-042623 | TO-15 | 142-82-5 | HEPTANE | 0.31 | J |
| EPD-WA-02-042623 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.1 | U |
| EPD-WA-02-042623 | TO-15 | 110-54-3 | HEXANE | 0.46 | J |
| EPD-WA-02-042623 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.92 | U |
| EPD-WA-02-042623 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.65 | U |
| EPD-WA-02-042623 | TO-15 | 100-42-5 | STYRENE | 0.57 | U |
| EPD-WA-02-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-02-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.6 | U |
| EPD-WA-02-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.14 | U |
| EPD-WA-02-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.18 | U |
| EPD-WA-02-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.14 | U |
| EPD-WA-02-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-02-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.053 | U |
| EPD-WA-02-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.2 | U |
| EPD-WA-02-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.07 | J |
| EPD-WA-02-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-02-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.55 | |
| EPD-WA-02-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.4 | |
| EPD-WA-02-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-02-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.064 | J |
| EPD-WA-02-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.68 | J |
| EPD-WA-02-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.1 | U |
| EPD-WA-02-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.14 | |
| EPD-WA-02-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.094 | J |
| EPD-WA-02-042623 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-02-042623 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.46 | |
| EPD-WA-02-042623 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.48 | U |
| EPD-WA-02-042623 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.084 | J |
| EPD-WA-02-042623 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.18 | |
| EPD-WA-02-042623 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.045 | J |
| EPD-WA-02-042623 | TO-15 SIM | 108-88-3 | TOLUENE | 1.4 | |
| EPD-WA-02-042623 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.03 | J |
| EPD-WA-02-042623 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.053 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---------------------------|------------|-----|
| EPD-WA-03-042623 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.65 | U |
| EPD-WA-03-042623 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-03-042623 | TO-15 | 98-82-8 | CUMENE | 0.7 | U |
| EPD-WA-03-042623 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-03-042623 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-03-042623 | TO-15 | 64-17-5 | ETHANOL | 2.3 | J |
| EPD-WA-03-042623 | TO-15 | 75-69-4 | FREON 11 | 0.93 | |
| EPD-WA-03-042623 | TO-15 | 76-13-1 | FREON 113 | 0.4 | J |
| EPD-WA-03-042623 | TO-15 | 142-82-5 | HEPTANE | 0.19 | J |
| EPD-WA-03-042623 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.6 | U |
| EPD-WA-03-042623 | TO-15 | 110-54-3 | HEXANE | 0.32 | J |
| EPD-WA-03-042623 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.99 | U |
| EPD-WA-03-042623 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.7 | U |
| EPD-WA-03-042623 | TO-15 | 100-42-5 | STYRENE | 0.6 | U |
| EPD-WA-03-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-03-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-03-042623 | TO-15 | NA | UNKNOWN TIC | 0.73 | J |
| EPD-WA-03-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-03-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-03-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-03-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-03-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-03-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-03-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.064 | J |
| EPD-WA-03-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-03-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.56 | |
| EPD-WA-03-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.39 | |
| EPD-WA-03-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-03-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.062 | J |
| EPD-WA-03-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.7 | J |
| EPD-WA-03-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-03-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.12 | J |
| EPD-WA-03-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.096 | J |
| EPD-WA-03-042623 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-03-042623 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.45 | |
| EPD-WA-03-042623 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.51 | U |
| EPD-WA-03-042623 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.1 | J |
| EPD-WA-03-042623 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.16 | |
| EPD-WA-03-042623 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.043 | J |
| EPD-WA-03-042623 | TO-15 SIM | 108-88-3 | TOLUENE | 0.86 | |
| EPD-WA-03-042623 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.56 | U |
| EPD-WA-03-042623 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.049 | J |
| EPD-WA-03-042623 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.28 | |
| EPD-WA-04-042623 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.3 | U |
| EPD-WA-04-042623 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.34 | J |
| EPD-WA-04-042623 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.86 | U |
| EPD-WA-04-042623 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.66 | U |
| EPD-WA-04-042623 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.13 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|----------------------------------|------------|-----|
| EPD-WA-04-042623 | TO-15 | 75-69-4 | FREON 11 | 0.96 | |
| EPD-WA-04-042623 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-04-042623 | TO-15 | 142-82-5 | HEPTANE | 0.34 | J |
| EPD-WA-04-042623 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.6 | U |
| EPD-WA-04-042623 | TO-15 | 110-54-3 | HEXANE | 0.56 | J |
| EPD-WA-04-042623 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.99 | U |
| EPD-WA-04-042623 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.7 | U |
| EPD-WA-04-042623 | TO-15 | 100-42-5 | STYRENE | 0.61 | U |
| EPD-WA-04-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-04-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.65 | U |
| EPD-WA-04-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-WA-04-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-WA-04-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-WA-04-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-WA-04-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.057 | U |
| EPD-WA-04-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-04-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.065 | J |
| EPD-WA-04-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-04-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.95 | |
| EPD-WA-04-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.4 | |
| EPD-WA-04-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-04-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.061 | J |
| EPD-WA-04-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.7 | J |
| EPD-WA-04-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-04-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.22 | |
| EPD-WA-04-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.093 | J |
| EPD-WA-04-042623 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-04-042623 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.78 | |
| EPD-WA-04-042623 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.52 | U |
| EPD-WA-04-042623 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.092 | J |
| EPD-WA-04-042623 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.3 | |
| EPD-WA-04-042623 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.044 | J |
| EPD-WA-04-042623 | TO-15 SIM | 108-88-3 | TOLUENE | 1.4 | |
| EPD-WA-04-042623 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.57 | U |
| EPD-WA-04-042623 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.051 | J |
| EPD-WA-04-042623 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.065 | |
| EPD-WA-05-042623 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.1 | U |
| EPD-WA-05-042623 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.21 | J |
| EPD-WA-05-042623 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.82 | U |
| EPD-WA-05-042623 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.63 | U |
| EPD-WA-05-042623 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.67 | U |
| EPD-WA-05-042623 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.3 | U |
| EPD-WA-05-042623 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.82 | U |
| EPD-WA-05-042623 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.49 | U |
| EPD-WA-05-042623 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 0.22 | J |
| EPD-WA-05-042623 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.37 | J |
| EPD-WA-05-042623 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-05-042623 | TO-15 | 591-78-6 | 2-HEXANONE | 2.8 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|----------------------------------|------------|-----|
| EPD-WA-05-042623 | TO-15 | 100-42-5 | STYRENE | 0.58 | U |
| EPD-WA-05-042623 | TO-15 | 109-99-9 | TETRAHYDROFURAN | | 2 U |
| EPD-WA-05-042623 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.62 | U |
| EPD-WA-05-042623 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-05-042623 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-05-042623 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-05-042623 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-05-042623 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.054 | U |
| EPD-WA-05-042623 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-05-042623 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.064 | J |
| EPD-WA-05-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-05-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.44 | |
| EPD-WA-05-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.4 | |
| EPD-WA-05-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.027 | J |
| EPD-WA-05-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.062 | J |
| EPD-WA-05-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.7 | J |
| EPD-WA-05-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-05-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.16 | |
| EPD-WA-05-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.092 | J |
| EPD-WA-05-042623 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-05-042623 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.52 | |
| EPD-WA-05-042623 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.49 | U |
| EPD-WA-05-042623 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.56 | |
| EPD-WA-05-042623 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.23 | |
| EPD-WA-05-042623 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.048 | J |
| EPD-WA-05-042623 | TO-15 SIM | 108-88-3 | TOLUENE | 1 | |
| EPD-WA-05-042623 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.54 | U |
| EPD-WA-05-042623 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.047 | J |
| EPD-WA-05-042623 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.035 | U |
| EPD-WA-06-042623 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.4 | U |
| EPD-WA-06-042623 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.34 | J |
| EPD-WA-06-042623 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.88 | U |
| EPD-WA-06-042623 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.67 | U |
| EPD-WA-06-042623 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.72 | U |
| EPD-WA-06-042623 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.32 | U |
| EPD-WA-06-042623 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.88 | U |
| EPD-WA-06-042623 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.53 | U |
| EPD-WA-06-042623 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 0.25 | J |
| EPD-WA-06-042623 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.44 | J |
| EPD-WA-06-042623 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-06-042623 | TO-15 | 591-78-6 | 2-HEXANONE | 3 | U |
| EPD-WA-06-042623 | TO-15 | 67-63-0 | 2-PROPANOL | 0.37 | J |
| EPD-WA-06-042623 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.3 | U |
| EPD-WA-06-042623 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.29 | J |
| EPD-WA-06-042623 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.6 | U |
| EPD-WA-06-042623 | TO-15 | 67-64-1 | ACETONE | 4.6 | J |
| EPD-WA-06-042623 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.76 | U |
| EPD-WA-06-042623 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.98 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|--------|-----------------|---|------------|-----|
| EPD-WA-06-042623 | TO-15 | SIM 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-WA-06-042623 | TO-15 | SIM 75-35-4 | 1,1-DICHLOROETHENE | 0.058 | U |
| EPD-WA-06-042623 | TO-15 | SIM 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-06-042623 | TO-15 | SIM 107-06-2 | 1,2-DICHLOROETHANE | 0.068 | J |
| EPD-WA-06-042623 | TO-15 | SIM 106-46-7 | 1,4-DICHLOROBENZENE | 0.18 | U |
| EPD-WA-06-042623 | TO-15 | SIM 71-43-2 | BENZENE | 0.69 | |
| EPD-WA-06-042623 | TO-15 | SIM 56-23-5 | CARBON TETRACHLORIDE | 0.4 | |
| EPD-WA-06-042623 | TO-15 | SIM 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-06-042623 | TO-15 | SIM 67-66-3 | CHLOROFORM | 0.061 | J |
| EPD-WA-06-042623 | TO-15 | SIM 74-87-3 | CHLOROMETHANE | 0.69 | J |
| EPD-WA-06-042623 | TO-15 | SIM 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.12 | U |
| EPD-WA-06-042623 | TO-15 | SIM 100-41-4 | ETHYL BENZENE | 0.2 | |
| EPD-WA-06-042623 | TO-15 | SIM 76-14-2 | FREON 114 | 0.093 | J |
| EPD-WA-06-042623 | TO-15 | SIM 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-06-042623 | TO-15 | SIM 179601-23-1 | M,P-XYLENE | 0.63 | |
| EPD-WA-06-042623 | TO-15 | SIM 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.53 | U |
| EPD-WA-06-042623 | TO-15 | SIM 91-20-3 | NAPHTHALENE | 0.12 | J |
| EPD-WA-06-042623 | TO-15 | SIM 95-47-6 | O-XYLENE | 0.25 | |
| EPD-WA-06-042623 | TO-15 | SIM 127-18-4 | TETRACHLOROETHENE | 0.046 | J |
| EPD-WA-06-042623 | TO-15 | SIM 108-88-3 | TOLUENE | 1.1 | |
| EPD-WA-06-042623 | TO-15 | SIM 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.58 | U |
| EPD-WA-06-042623 | TO-15 | SIM 79-01-6 | TRICHLOROETHENE | 0.05 | J |
| EPD-WA-06-042623 | TO-15 | SIM 75-01-4 | VINYL CHLORIDE | 0.085 | |
| EPD-WA-22-042623 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.3 | U |
| EPD-WA-22-042623 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.23 | J |
| EPD-WA-22-042623 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.85 | U |
| EPD-WA-22-042623 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.66 | U |
| EPD-WA-22-042623 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.7 | U |
| EPD-WA-22-042623 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.31 | U |
| EPD-WA-22-042623 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.85 | U |
| EPD-WA-22-042623 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.51 | U |
| EPD-WA-22-042623 | TO-15 | 872-05-9 | 1-DECENE | 1 | NJ |
| EPD-WA-22-042623 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 0.26 | J |
| EPD-WA-22-042623 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 3 | |
| EPD-WA-22-042623 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-22-042623 | TO-15 | 591-78-6 | 2-HEXANONE | 0.63 | J |
| EPD-WA-22-042623 | TO-15 | 67-63-0 | 2-PROPANOL | 1.4 | J |
| EPD-WA-22-042623 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.2 | U |
| EPD-WA-22-042623 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.17 | J |
| EPD-WA-22-042623 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.58 | U |
| EPD-WA-22-042623 | TO-15 | 67-64-1 | ACETONE | 7 | |
| EPD-WA-22-042623 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.74 | U |
| EPD-WA-22-042623 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.95 | U |
| EPD-WA-22-042623 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-WA-22-042623 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-WA-22-042623 | TO-15 | 106-97-8 | BUTANE | 0.75 | NJ |
| EPD-WA-22-042623 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-22-042623 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2304591R1

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|--------------------------|------------|-----|
| EPD-WA-22-042623 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-22-042623 | TO-15 SIM | 71-43-2 | BENZENE | 0.54 | |
| EPD-WA-22-042623 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.39 | |
| EPD-WA-22-042623 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.023 | J |
| EPD-WA-22-042623 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.061 | J |
| EPD-WA-22-042623 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.71 | J |
| EPD-WA-22-042623 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-22-042623 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.12 | |
| EPD-WA-22-042623 | TO-15 SIM | 76-14-2 | FREON 114 | 0.094 | J |
| EPD-WA-22-042623 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-22-042623 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.43 | |
| EPD-WA-22-042623 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.51 | U |
| EPD-WA-22-042623 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.076 | J |
| EPD-WA-22-042623 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.18 | |
| EPD-WA-22-042623 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.044 | J |
| EPD-WA-22-042623 | TO-15 SIM | 108-88-3 | TOLUENE | 0.98 | |
| EPD-WA-22-042623 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.56 | U |
| EPD-WA-22-042623 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.048 | J |
| EPD-WA-22-042623 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.054 | |

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | | | |
|------------------------------|---|---------------------|------------------------|
| Site Name | E Palestine Site - ER | TO/TOLIN No. | 68HE0520F0032/000 |
| Document Tracking No. | DTN 1842 | | |
| Laboratory Report No. | 2305017 | Laboratory | Eurofins Air Toxics, L |
| Analyses | Volatile organic compounds (VOCs) by EPA Method TO-15 with tentatively identified compounds with selective ion monitoring (SIM) | | |
| Samples and Matrix | Nine (9) Air Samples, including one (1) field duplicate | | |
| Collection Date(s) | 05/01/2023 | | |
| Field Duplicate Pairs | EPD-WA-02-050123/EPD-WA-22-050123 | | |
| Field QC Blanks | NA | | |

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2019), which were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Site Remediation* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on the findings of the validation.

Data completeness:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

Sample preservation, receipt, and holding times:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Method blanks:

| Within Criteria | Exceedance/Notes |
|-----------------|---|
| N | <p>TO-15: The method blank reported Methylene Chloride. The samples were unaffected.</p> <p>TO-15 SIM: The method blank reported Chloroform and 1,4-Dichlorobenzene. The Chloroform results in the f qualified as not detected (U) at the Reporting Limit (RL):</p> <p>EPD-WA-22-050123 (2305017-01B)</p> <p>EPD-WA-02-050123 (2305017-02B)</p> <p>EPD-WA-01-050123 (2305017-03B)</p> <p>EPD-UW-E-050123 (2305017-04B)</p> <p>EPD-DW-A-050123 (2305017-05B)</p> <p>EPD-WA-03-050123 (2305017-06B)</p> <p>EPD-WA-05-050123 (2305017-07B)</p> |

Field blanks:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

Surrogates and labeled compounds:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

MS/MSDs:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Laboratory duplicates:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| NA | |

Field duplicates:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| Y | |

LCSs/LCSDs:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| Y | |

Sample dilutions:

| Within Criteria | Exceedance/Notes |
|--------------------|---|
| Y | Container dilution = 1.40, 1.40, 1.49, 1.45, 1.41, 1.36, 1.38, 1.55 & 1.39 Canister dilution = 1.40, 1.40, 1.49, 1.45, 1.41, 1.36, 1.38, 1.55 & 1.39 |

Re-extraction and reanalysis:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| NA | |

MDLs/RLs:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| Y | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Tentatively identified compounds:

| Within Criteria | Exceedance/Notes |
|----------------------------|-------------------------|
| Y | |

Other [specify]:

| Within Criteria | Exceedance/Notes |
|----------------------------|-------------------------|
| N | |

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is definitions that may be used for the validation of this data package:

| | |
|----|---|
| J | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample. |
| J+ | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, but is biased high. |
| J- | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, but is biased low. |
| NJ | The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample. |
| R | The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample. |
| U | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit). |
| UJ | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is consistent with the associated value due to deficiencies in one or more quality control criteria. |



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-DW-A-050123 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.4 | U |
| EPD-DW-A-050123 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.71 | U |
| EPD-DW-A-050123 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.87 | U |
| EPD-DW-A-050123 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.67 | U |
| EPD-DW-A-050123 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.71 | U |
| EPD-DW-A-050123 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.32 | U |
| EPD-DW-A-050123 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.87 | U |
| EPD-DW-A-050123 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.52 | U |
| EPD-DW-A-050123 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.4 | U |
| EPD-DW-A-050123 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.32 | J |
| EPD-DW-A-050123 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-DW-A-050123 | TO-15 | 591-78-6 | 2-HEXANONE | 3 | U |
| EPD-DW-A-050123 | TO-15 | 67-63-0 | 2-PROPANOL | 7.1 | U |
| EPD-DW-A-050123 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.3 | U |
| EPD-DW-A-050123 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.71 | U |
| EPD-DW-A-050123 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.59 | U |
| EPD-DW-A-050123 | TO-15 | 67-64-1 | ACETONE | 3.5 | J |
| EPD-DW-A-050123 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.75 | U |
| EPD-DW-A-050123 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.97 | U |
| EPD-DW-A-050123 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-DW-A-050123 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-DW-A-050123 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-DW-A-050123 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-DW-A-050123 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.67 | U |
| EPD-DW-A-050123 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.66 | U |
| EPD-DW-A-050123 | TO-15 | 98-82-8 | CUMENE | 0.71 | U |
| EPD-DW-A-050123 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.5 | U |
| EPD-DW-A-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-DW-A-050123 | TO-15 | 64-17-5 | ETHANOL | 1.2 | J |
| EPD-DW-A-050123 | TO-15 | 75-69-4 | FREON 11 | 0.94 | U |
| EPD-DW-A-050123 | TO-15 | 76-13-1 | FREON 113 | 0.45 | J |
| EPD-DW-A-050123 | TO-15 | 142-82-5 | HEPTANE | 0.084 | J |
| EPD-DW-A-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.7 | U |
| EPD-DW-A-050123 | TO-15 | 110-54-3 | HEXANE | 0.19 | J |
| EPD-DW-A-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1 | U |
| EPD-DW-A-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.71 | U |
| EPD-DW-A-050123 | TO-15 | 100-42-5 | STYRENE | 0.62 | U |
| EPD-DW-A-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-DW-A-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.66 | U |
| EPD-DW-A-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-DW-A-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-DW-A-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-DW-A-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-DW-A-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.057 | U |
| EPD-DW-A-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-DW-A-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.064 | J |
| EPD-DW-A-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-DW-A-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.24 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-UW-E-050123 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.54 | U |
| EPD-UW-E-050123 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.5 | U |
| EPD-UW-E-050123 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.43 | J |
| EPD-UW-E-050123 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-UW-E-050123 | TO-15 | 591-78-6 | 2-HEXANONE | 3 | U |
| EPD-UW-E-050123 | TO-15 | 67-63-0 | 2-PROPANOL | 0.7 | J |
| EPD-UW-E-050123 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.3 | U |
| EPD-UW-E-050123 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.73 | U |
| EPD-UW-E-050123 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.61 | U |
| EPD-UW-E-050123 | TO-15 | 67-64-1 | ACETONE | 5.8 | J |
| EPD-UW-E-050123 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.77 | U |
| EPD-UW-E-050123 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1 | U |
| EPD-UW-E-050123 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-UW-E-050123 | TO-15 | 74-83-9 | BROMOMETHANE | 29 | U |
| EPD-UW-E-050123 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-UW-E-050123 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.3 | U |
| EPD-UW-E-050123 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.094 | J |
| EPD-UW-E-050123 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.68 | U |
| EPD-UW-E-050123 | TO-15 | 98-82-8 | CUMENE | 0.73 | U |
| EPD-UW-E-050123 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.6 | U |
| EPD-UW-E-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.3 | U |
| EPD-UW-E-050123 | TO-15 | 64-17-5 | ETHANOL | 0.98 | J |
| EPD-UW-E-050123 | TO-15 | 75-69-4 | FREON 11 | 0.92 | |
| EPD-UW-E-050123 | TO-15 | 76-13-1 | FREON 113 | 0.45 | J |
| EPD-UW-E-050123 | TO-15 | 142-82-5 | HEPTANE | 3 | U |
| EPD-UW-E-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.9 | U |
| EPD-UW-E-050123 | TO-15 | 110-54-3 | HEXANE | 0.14 | J |
| EPD-UW-E-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1 | U |
| EPD-UW-E-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.73 | U |
| EPD-UW-E-050123 | TO-15 | 100-42-5 | STYRENE | 0.63 | U |
| EPD-UW-E-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.2 | U |
| EPD-UW-E-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.68 | U |
| EPD-UW-E-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-UW-E-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-UW-E-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-UW-E-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-UW-E-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.059 | U |
| EPD-UW-E-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.23 | U |
| EPD-UW-E-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.063 | J |
| EPD-UW-E-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.18 | U |
| EPD-UW-E-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.23 | J |
| EPD-UW-E-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-UW-E-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.028 | J |
| EPD-UW-E-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.054 | J |
| EPD-UW-E-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.75 | J |
| EPD-UW-E-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.12 | U |
| EPD-UW-E-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.034 | J |
| EPD-UW-E-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.093 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-01-050123 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.67 | U |
| EPD-WA-01-050123 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.56 | U |
| EPD-WA-01-050123 | TO-15 | 67-64-1 | ACETONE | 32 | |
| EPD-WA-01-050123 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.7 | U |
| EPD-WA-01-050123 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.91 | U |
| EPD-WA-01-050123 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-01-050123 | TO-15 | 74-83-9 | BROMOMETHANE | 26 | U |
| EPD-WA-01-050123 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 2.1 | NJ |
| EPD-WA-01-050123 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-01-050123 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.1 | U |
| EPD-WA-01-050123 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.63 | U |
| EPD-WA-01-050123 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.62 | U |
| EPD-WA-01-050123 | TO-15 | 98-82-8 | CUMENE | 0.67 | U |
| EPD-WA-01-050123 | TO-15 | 110-82-7 | CYCLOHEXANE | 7.2 | |
| EPD-WA-01-050123 | TO-15 | 638-04-0 | CYCLOHEXANE, 1,3-DIMETHYL-, CIS- | 1.8 | NJ |
| EPD-WA-01-050123 | TO-15 | 108-87-2 | CYCLOHEXANE, METHYL- | 6.3 | NJ |
| EPD-WA-01-050123 | TO-15 | 96-37-7 | CYCLOPENTANE, METHYL- | 2.1 | NJ |
| EPD-WA-01-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-01-050123 | TO-15 | 64-17-5 | ETHANOL | 2.3 | J |
| EPD-WA-01-050123 | TO-15 | 75-69-4 | FREON 11 | 0.93 | |
| EPD-WA-01-050123 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-01-050123 | TO-15 | 142-82-5 | HEPTANE | 5.8 | |
| EPD-WA-01-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.2 | U |
| EPD-WA-01-050123 | TO-15 | 110-54-3 | HEXANE | 5.1 | |
| EPD-WA-01-050123 | TO-15 | 584-94-1 | HEXANE, 2,3-DIMETHYL- | 1.5 | NJ |
| EPD-WA-01-050123 | TO-15 | 591-76-4 | HEXANE, 2-METHYL- | 1.5 | NJ |
| EPD-WA-01-050123 | TO-15 | 589-34-4 | HEXANE, 3-METHYL- | 2 | NJ |
| EPD-WA-01-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.94 | U |
| EPD-WA-01-050123 | TO-15 | 560-21-4 | PENTANE, 2,3,3-TRIMETHYL- | 2 | NJ |
| EPD-WA-01-050123 | TO-15 | 107-83-5 | PENTANE, 2-METHYL- | 2.1 | NJ |
| EPD-WA-01-050123 | TO-15 | 96-14-0 | PENTANE, 3-METHYL- | 1.4 | NJ |
| EPD-WA-01-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.67 | U |
| EPD-WA-01-050123 | TO-15 | 100-42-5 | STYRENE | 0.58 | U |
| EPD-WA-01-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-01-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.62 | U |
| EPD-WA-01-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.016 | J |
| EPD-WA-01-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.079 | J |
| EPD-WA-01-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-01-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.012 | J |
| EPD-WA-01-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.054 | U |
| EPD-WA-01-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-01-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.067 | J |
| EPD-WA-01-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-01-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.95 | |
| EPD-WA-01-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-01-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.079 | J |
| EPD-WA-01-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.08 | J |
| EPD-WA-01-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.88 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-02-050123 | TO-15 | 591-78-6 | 2-HEXANONE | 2.9 | U |
| EPD-WA-02-050123 | TO-15 | 67-63-0 | 2-PROPANOL | 2.6 | J |
| EPD-WA-02-050123 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.2 | U |
| EPD-WA-02-050123 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.69 | U |
| EPD-WA-02-050123 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.11 | J |
| EPD-WA-02-050123 | TO-15 | 67-64-1 | ACETONE | 9.4 | |
| EPD-WA-02-050123 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.72 | U |
| EPD-WA-02-050123 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.94 | U |
| EPD-WA-02-050123 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-02-050123 | TO-15 | 74-83-9 | BROMOMETHANE | 27 | U |
| EPD-WA-02-050123 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-02-050123 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-WA-02-050123 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.64 | U |
| EPD-WA-02-050123 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-02-050123 | TO-15 | 98-82-8 | CUMENE | 0.69 | U |
| EPD-WA-02-050123 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-02-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-02-050123 | TO-15 | 64-17-5 | ETHANOL | 1.4 | J |
| EPD-WA-02-050123 | TO-15 | 75-69-4 | FREON 11 | 0.92 | |
| EPD-WA-02-050123 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-02-050123 | TO-15 | 142-82-5 | HEPTANE | 0.17 | J |
| EPD-WA-02-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.5 | U |
| EPD-WA-02-050123 | TO-15 | 110-54-3 | HEXANE | 0.58 | J |
| EPD-WA-02-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.97 | U |
| EPD-WA-02-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.69 | U |
| EPD-WA-02-050123 | TO-15 | 100-42-5 | STYRENE | 0.6 | U |
| EPD-WA-02-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-02-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-02-050123 | TO-15 | NA | UNKNOWN TIC | 0.72 | J |
| EPD-WA-02-050123 | TO-15 | NA | UNKNOWN TIC | 0.79 | J |
| EPD-WA-02-050123 | TO-15 | NA | UNKNOWN TIC | 1 | J |
| EPD-WA-02-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.015 | J |
| EPD-WA-02-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.11 | J |
| EPD-WA-02-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-02-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-02-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-02-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-02-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.062 | J |
| EPD-WA-02-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-02-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.22 | J |
| EPD-WA-02-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-02-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-02-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.054 | J |
| EPD-WA-02-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.75 | J |
| EPD-WA-02-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-02-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.039 | J |
| EPD-WA-02-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.095 | J |
| EPD-WA-02-050123 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-03-050123 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.16 | J |
| EPD-WA-03-050123 | TO-15 | 67-64-1 | ACETONE | 4.2 | J |
| EPD-WA-03-050123 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.73 | U |
| EPD-WA-03-050123 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.94 | U |
| EPD-WA-03-050123 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-03-050123 | TO-15 | 74-83-9 | BROMOMETHANE | 27 | U |
| EPD-WA-03-050123 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-03-050123 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-WA-03-050123 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.65 | U |
| EPD-WA-03-050123 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-03-050123 | TO-15 | 98-82-8 | CUMENE | 0.69 | U |
| EPD-WA-03-050123 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-03-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-03-050123 | TO-15 | 64-17-5 | ETHANOL | 1.8 | J |
| EPD-WA-03-050123 | TO-15 | 75-69-4 | FREON 11 | 0.95 | |
| EPD-WA-03-050123 | TO-15 | 76-13-1 | FREON 113 | 0.42 | J |
| EPD-WA-03-050123 | TO-15 | 142-82-5 | HEPTANE | 0.1 | J |
| EPD-WA-03-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.5 | U |
| EPD-WA-03-050123 | TO-15 | 110-54-3 | HEXANE | 0.17 | J |
| EPD-WA-03-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.98 | U |
| EPD-WA-03-050123 | TO-15 | 124-19-6 | NONANAL | 1.4 | NJ |
| EPD-WA-03-050123 | TO-15 | 124-13-0 | OCTANAL | 1.1 | NJ |
| EPD-WA-03-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.69 | U |
| EPD-WA-03-050123 | TO-15 | 100-42-5 | STYRENE | 0.6 | U |
| EPD-WA-03-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-03-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-03-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-03-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-03-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-03-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-03-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-03-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-03-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.065 | J |
| EPD-WA-03-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-03-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.28 | |
| EPD-WA-03-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.39 | |
| EPD-WA-03-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-03-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.056 | J |
| EPD-WA-03-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.74 | J |
| EPD-WA-03-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-03-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.038 | J |
| EPD-WA-03-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.095 | J |
| EPD-WA-03-050123 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-03-050123 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.14 | J |
| EPD-WA-03-050123 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.51 | U |
| EPD-WA-03-050123 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.048 | J |
| EPD-WA-03-050123 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.052 | J |
| EPD-WA-03-050123 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.02 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-04-050123 | TO-15 | 74-83-9 | BROMOMETHANE | 27 | U |
| EPD-WA-04-050123 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-04-050123 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-WA-04-050123 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.64 | U |
| EPD-WA-04-050123 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-WA-04-050123 | TO-15 | 98-82-8 | CUMENE | 0.68 | U |
| EPD-WA-04-050123 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-04-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-04-050123 | TO-15 | 64-17-5 | ETHANOL | 0.9 | J |
| EPD-WA-04-050123 | TO-15 | 75-69-4 | FREON 11 | 1.1 | |
| EPD-WA-04-050123 | TO-15 | 76-13-1 | FREON 113 | 0.47 | J |
| EPD-WA-04-050123 | TO-15 | 142-82-5 | HEPTANE | 2.8 | U |
| EPD-WA-04-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.4 | U |
| EPD-WA-04-050123 | TO-15 | 110-54-3 | HEXANE | 0.42 | J |
| EPD-WA-04-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.96 | U |
| EPD-WA-04-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.68 | U |
| EPD-WA-04-050123 | TO-15 | 100-42-5 | STYRENE | 0.59 | U |
| EPD-WA-04-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-04-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-WA-04-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-04-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-04-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-04-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-04-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.055 | U |
| EPD-WA-04-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-04-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.075 | J |
| EPD-WA-04-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-04-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.87 | |
| EPD-WA-04-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.45 | |
| EPD-WA-04-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-04-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.068 | J |
| EPD-WA-04-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.75 | J |
| EPD-WA-04-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-04-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.1 | J |
| EPD-WA-04-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.1 | J |
| EPD-WA-04-050123 | TO-15 SIM | 75-71-8 | FREON 12 | 2.2 | |
| EPD-WA-04-050123 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.45 | |
| EPD-WA-04-050123 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.5 | U |
| EPD-WA-04-050123 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.36 | U |
| EPD-WA-04-050123 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.17 | |
| EPD-WA-04-050123 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.19 | U |
| EPD-WA-04-050123 | TO-15 SIM | 108-88-3 | TOLUENE | 0.69 | |
| EPD-WA-04-050123 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.11 | J |
| EPD-WA-04-050123 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.15 | U |
| EPD-WA-04-050123 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.06 | |
| EPD-WA-05-050123 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.1 | U |
| EPD-WA-05-050123 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.68 | U |
| EPD-WA-05-050123 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.83 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|----------------------------------|------------|-----|
| EPD-WA-05-050123 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-05-050123 | TO-15 | 64-17-5 | ETHANOL | 0.95 | J |
| EPD-WA-05-050123 | TO-15 | 75-69-4 | FREON 11 | 0.95 | |
| EPD-WA-05-050123 | TO-15 | 76-13-1 | FREON 113 | 0.43 | J |
| EPD-WA-05-050123 | TO-15 | 142-82-5 | HEPTANE | 2.8 | U |
| EPD-WA-05-050123 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.4 | U |
| EPD-WA-05-050123 | TO-15 | 110-54-3 | HEXANE | 0.14 | J |
| EPD-WA-05-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.96 | U |
| EPD-WA-05-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.68 | U |
| EPD-WA-05-050123 | TO-15 | 100-42-5 | STYRENE | 0.59 | U |
| EPD-WA-05-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-05-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-WA-05-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-05-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-05-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-05-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-05-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.055 | U |
| EPD-WA-05-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-05-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.064 | J |
| EPD-WA-05-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-05-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.19 | J |
| EPD-WA-05-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.39 | |
| EPD-WA-05-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-05-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.057 | J |
| EPD-WA-05-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.72 | J |
| EPD-WA-05-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-05-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.03 | J |
| EPD-WA-05-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.092 | J |
| EPD-WA-05-050123 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-05-050123 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.094 | J |
| EPD-WA-05-050123 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.5 | U |
| EPD-WA-05-050123 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.28 | J |
| EPD-WA-05-050123 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.036 | J |
| EPD-WA-05-050123 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.024 | J |
| EPD-WA-05-050123 | TO-15 SIM | 108-88-3 | TOLUENE | 0.21 | J |
| EPD-WA-05-050123 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.55 | U |
| EPD-WA-05-050123 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.15 | U |
| EPD-WA-05-050123 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.035 | U |
| EPD-WA-06-050123 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.8 | U |
| EPD-WA-06-050123 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.76 | U |
| EPD-WA-06-050123 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.93 | U |
| EPD-WA-06-050123 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.72 | U |
| EPD-WA-06-050123 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.76 | U |
| EPD-WA-06-050123 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.34 | U |
| EPD-WA-06-050123 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.93 | U |
| EPD-WA-06-050123 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.56 | U |
| EPD-WA-06-050123 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.6 | U |
| EPD-WA-06-050123 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 2.3 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|----------------------------------|------------|-----|
| EPD-WA-06-050123 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.1 | U |
| EPD-WA-06-050123 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.76 | U |
| EPD-WA-06-050123 | TO-15 | 100-42-5 | STYRENE | 0.66 | U |
| EPD-WA-06-050123 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.3 | U |
| EPD-WA-06-050123 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.7 | U |
| EPD-WA-06-050123 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.17 | U |
| EPD-WA-06-050123 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.21 | U |
| EPD-WA-06-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.17 | U |
| EPD-WA-06-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-WA-06-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.061 | U |
| EPD-WA-06-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.24 | U |
| EPD-WA-06-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.074 | J |
| EPD-WA-06-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.19 | U |
| EPD-WA-06-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.44 | |
| EPD-WA-06-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.44 | |
| EPD-WA-06-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.2 | U |
| EPD-WA-06-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.064 | J |
| EPD-WA-06-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.72 | J |
| EPD-WA-06-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.12 | U |
| EPD-WA-06-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.055 | J |
| EPD-WA-06-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.11 | J |
| EPD-WA-06-050123 | TO-15 SIM | 75-71-8 | FREON 12 | 2.1 | |
| EPD-WA-06-050123 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.22 | J |
| EPD-WA-06-050123 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.56 | U |
| EPD-WA-06-050123 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.41 | U |
| EPD-WA-06-050123 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.087 | J |
| EPD-WA-06-050123 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.21 | U |
| EPD-WA-06-050123 | TO-15 SIM | 108-88-3 | TOLUENE | 0.35 | |
| EPD-WA-06-050123 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.61 | U |
| EPD-WA-06-050123 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.17 | U |
| EPD-WA-06-050123 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.04 | U |
| EPD-WA-22-050123 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.2 | U |
| EPD-WA-22-050123 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.69 | U |
| EPD-WA-22-050123 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.84 | U |
| EPD-WA-22-050123 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.65 | U |
| EPD-WA-22-050123 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.69 | U |
| EPD-WA-22-050123 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.31 | U |
| EPD-WA-22-050123 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.84 | U |
| EPD-WA-22-050123 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.5 | U |
| EPD-WA-22-050123 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.3 | U |
| EPD-WA-22-050123 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.4 | J |
| EPD-WA-22-050123 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-22-050123 | TO-15 | 591-78-6 | 2-HEXANONE | 2.9 | U |
| EPD-WA-22-050123 | TO-15 | 67-63-0 | 2-PROPANOL | 0.25 | J |
| EPD-WA-22-050123 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.2 | U |
| EPD-WA-22-050123 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.69 | U |
| EPD-WA-22-050123 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.57 | U |
| EPD-WA-22-050123 | TO-15 | 67-64-1 | ACETONE | 3.5 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305017

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|--------------------------|------------|-----|
| EPD-WA-22-050123 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-22-050123 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-22-050123 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-22-050123 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-22-050123 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.064 | J |
| EPD-WA-22-050123 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-22-050123 | TO-15 SIM | 71-43-2 | BENZENE | 0.23 | |
| EPD-WA-22-050123 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-22-050123 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-22-050123 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.056 | J |
| EPD-WA-22-050123 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.73 | J |
| EPD-WA-22-050123 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-22-050123 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.039 | J |
| EPD-WA-22-050123 | TO-15 SIM | 76-14-2 | FREON 114 | 0.095 | J |
| EPD-WA-22-050123 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-22-050123 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.13 | J |
| EPD-WA-22-050123 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.5 | U |
| EPD-WA-22-050123 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.37 | U |
| EPD-WA-22-050123 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.05 | J |
| EPD-WA-22-050123 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.02 | J |
| EPD-WA-22-050123 | TO-15 SIM | 108-88-3 | TOLUENE | 0.27 | |
| EPD-WA-22-050123 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.56 | U |
| EPD-WA-22-050123 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.15 | U |
| EPD-WA-22-050123 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.036 | U |

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | | | |
|------------------------------|---|---------------------|------------------------|
| Site Name | E Palestine Site - ER | TO/TOLIN No. | 68HE0520F0032/000 |
| Document Tracking No. | DTN 1842 | | |
| Laboratory Report No. | 2305018 | Laboratory | Eurofins Air Toxics, L |
| Analyses | Volatile organic compounds (VOCs) by EPA Method TO-15 with tentatively identified compounds with selective ion monitoring (SIM) | | |
| Samples and Matrix | Nine (9) Air Samples, including one (1) field duplicate | | |
| Collection Date(s) | 04/30/2023 | | |
| Field Duplicate Pairs | EPD-WA-05-043023/EPD-WA-55-043023 | | |
| Field QC Blanks | NA | | |

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2019), which were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Site Remediation Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on the findings of the

Data completeness:

| Within Criteria | Exceedance/Notes |
|------------------------|-------------------------|
| Y | |

Sample preservation, receipt, and holding times:

| Within Criteria | Exceedance/Notes |
|------------------------|--|
| Y | The laboratory case narrative notes the following: |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Laboratory duplicates:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

Field duplicates:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

LCSs/LCSDs:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

Sample dilutions:

| Within Criteria | Exceedance/Notes |
|-----------------|---|
| Y | Container dilution = 2.02, 2.21, 2.08, 2.14, 2.26, 2.46, 2.07, 1.47 & 1.42 Canister dilution = 2.02, 2.21, 2.08, 2.14, 2.26, 2.46, 2.07, 1.47 & 1.42 |

Re-extraction and reanalysis:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

MDLs/RLs:

| Within Criteria | Exceedance/Notes |
|-----------------|---|
| Y | The detection limits were elevated for samples EPD-UW-E-043023, EPD-DW-A-043023, EPD-WA-03-043023, EPD-WA-05-043023, EPD-WA-06-043023 and EPD-WA-02-043023 due to laboratory error. |

Tentatively identified compounds:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

Other [specify]:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| N | |

DATA VALIDATION CHECKLIST – STAGE 2A EPA REGION 5 START CONTRACT

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is definitions that may be used for the validation of this data package:

| | |
|----|---|
| J | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample. |
| J+ | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, but is biased high. |
| J- | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, but is biased low. |
| NJ | The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample. |
| R | The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample. |
| U | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit). |
| UJ | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is consistent with the associated value due to deficiencies in one or more quality control criteria. |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-DW-A-043023 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 8.2 | U |
| EPD-DW-A-043023 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 1.1 | U |
| EPD-DW-A-043023 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 1.3 | U |
| EPD-DW-A-043023 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 1 | U |
| EPD-DW-A-043023 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 1.1 | U |
| EPD-DW-A-043023 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.49 | U |
| EPD-DW-A-043023 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 1.3 | U |
| EPD-DW-A-043023 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.8 | U |
| EPD-DW-A-043023 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 5.2 | U |
| EPD-DW-A-043023 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 3.2 | U |
| EPD-DW-A-043023 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-DW-A-043023 | TO-15 | 591-78-6 | 2-HEXANONE | 4.5 | U |
| EPD-DW-A-043023 | TO-15 | 67-63-0 | 2-PROPANOL | 11 | U |
| EPD-DW-A-043023 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 3.4 | UJ |
| EPD-DW-A-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 1.1 | U |
| EPD-DW-A-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.9 | U |
| EPD-DW-A-043023 | TO-15 | 67-64-1 | ACETONE | 4.8 | J |
| EPD-DW-A-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.1 | U |
| EPD-DW-A-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.5 | U |
| EPD-DW-A-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.3 | U |
| EPD-DW-A-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 43 | U |
| EPD-DW-A-043023 | TO-15 | 106-97-8 | BUTANE | 1.4 | NJ |
| EPD-DW-A-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.2 | NJ |
| EPD-DW-A-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-DW-A-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.9 | J |
| EPD-DW-A-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 1 | U |
| EPD-DW-A-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 1 | U |
| EPD-DW-A-043023 | TO-15 | 98-82-8 | CUMENE | 1.1 | U |
| EPD-DW-A-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 3.8 | U |
| EPD-DW-A-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.9 | U |
| EPD-DW-A-043023 | TO-15 | 64-17-5 | ETHANOL | 8.3 | UJ |
| EPD-DW-A-043023 | TO-15 | 75-69-4 | FREON 11 | 1.1 | J |
| EPD-DW-A-043023 | TO-15 | 76-13-1 | FREON 113 | 0.48 | J |
| EPD-DW-A-043023 | TO-15 | 142-82-5 | HEPTANE | 4.5 | U |
| EPD-DW-A-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 12 | U |
| EPD-DW-A-043023 | TO-15 | 110-54-3 | HEXANE | 3.9 | U |
| EPD-DW-A-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.5 | U |
| EPD-DW-A-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 1.1 | U |
| EPD-DW-A-043023 | TO-15 | 100-42-5 | STYRENE | 0.94 | U |
| EPD-DW-A-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3.2 | U |
| EPD-DW-A-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 1 | U |
| EPD-DW-A-043023 | TO-15 | NA | UNKNOWN TIC | 1.2 | J |
| EPD-DW-A-043023 | TO-15 | NA | UNKNOWN TIC | 1.5 | J |
| EPD-DW-A-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.24 | U |
| EPD-DW-A-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.3 | U |
| EPD-DW-A-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.24 | U |
| EPD-DW-A-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.18 | U |
| EPD-DW-A-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.088 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-UW-E-043023 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.93 | U |
| EPD-UW-E-043023 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.99 | U |
| EPD-UW-E-043023 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.45 | U |
| EPD-UW-E-043023 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 1.2 | U |
| EPD-UW-E-043023 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.73 | U |
| EPD-UW-E-043023 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 4.7 | U |
| EPD-UW-E-043023 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 3 | U |
| EPD-UW-E-043023 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-UW-E-043023 | TO-15 | 591-78-6 | 2-HEXANONE | 4.1 | U |
| EPD-UW-E-043023 | TO-15 | 67-63-0 | 2-PROPANOL | 9.9 | U |
| EPD-UW-E-043023 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 3.2 | UJ |
| EPD-UW-E-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.99 | U |
| EPD-UW-E-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.83 | U |
| EPD-UW-E-043023 | TO-15 | 67-64-1 | ACETONE | 5.8 | J |
| EPD-UW-E-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1 | U |
| EPD-UW-E-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.4 | U |
| EPD-UW-E-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.1 | U |
| EPD-UW-E-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 39 | U |
| EPD-UW-E-043023 | TO-15 | 106-97-8 | BUTANE | 1.5 | NJ |
| EPD-UW-E-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.2 | NJ |
| EPD-UW-E-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-UW-E-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.94 | J |
| EPD-UW-E-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.93 | U |
| EPD-UW-E-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.92 | U |
| EPD-UW-E-043023 | TO-15 | 98-82-8 | CUMENE | 0.99 | U |
| EPD-UW-E-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 3.5 | U |
| EPD-UW-E-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.7 | U |
| EPD-UW-E-043023 | TO-15 | 64-17-5 | ETHANOL | 7.6 | UJ |
| EPD-UW-E-043023 | TO-15 | 75-69-4 | FREON 11 | 1 | J |
| EPD-UW-E-043023 | TO-15 | 76-13-1 | FREON 113 | 0.4 | J |
| EPD-UW-E-043023 | TO-15 | 142-82-5 | HEPTANE | 4.1 | U |
| EPD-UW-E-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 11 | U |
| EPD-UW-E-043023 | TO-15 | 110-54-3 | HEXANE | 3.6 | U |
| EPD-UW-E-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.4 | U |
| EPD-UW-E-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.99 | U |
| EPD-UW-E-043023 | TO-15 | 100-42-5 | STYRENE | 0.86 | U |
| EPD-UW-E-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3 | U |
| EPD-UW-E-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.92 | U |
| EPD-UW-E-043023 | TO-15 | 75-07-0 | UNKNOWN | 1.6 | J |
| EPD-UW-E-043023 | TO-15 | NA | UNKNOWN TIC | 1.2 | J |
| EPD-UW-E-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.22 | U |
| EPD-UW-E-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.28 | U |
| EPD-UW-E-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.22 | U |
| EPD-UW-E-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.16 | U |
| EPD-UW-E-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.08 | U |
| EPD-UW-E-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.31 | U |
| EPD-UW-E-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.16 | U |
| EPD-UW-E-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.24 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-01-043023 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.88 | U |
| EPD-WA-01-043023 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.53 | U |
| EPD-WA-01-043023 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.4 | U |
| EPD-WA-01-043023 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.5 | J |
| EPD-WA-01-043023 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-01-043023 | TO-15 | 591-78-6 | 2-HEXANONE | 3 | U |
| EPD-WA-01-043023 | TO-15 | 67-63-0 | 2-PROPANOL | 7.2 | U |
| EPD-WA-01-043023 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.3 | UJ |
| EPD-WA-01-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.72 | U |
| EPD-WA-01-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.6 | U |
| EPD-WA-01-043023 | TO-15 | 67-64-1 | ACETONE | 6.2 | J |
| EPD-WA-01-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.76 | U |
| EPD-WA-01-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.98 | U |
| EPD-WA-01-043023 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-WA-01-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-WA-01-043023 | TO-15 | 106-97-8 | BUTANE | 3.3 | NJ |
| EPD-WA-01-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 2.4 | NJ |
| EPD-WA-01-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-01-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.61 | J |
| EPD-WA-01-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.68 | U |
| EPD-WA-01-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.67 | U |
| EPD-WA-01-043023 | TO-15 | 98-82-8 | CUMENE | 0.72 | U |
| EPD-WA-01-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.5 | U |
| EPD-WA-01-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-01-043023 | TO-15 | 64-17-5 | ETHANOL | 5.5 | UJ |
| EPD-WA-01-043023 | TO-15 | 75-69-4 | FREON 11 | 1 | |
| EPD-WA-01-043023 | TO-15 | 76-13-1 | FREON 113 | 0.56 | J |
| EPD-WA-01-043023 | TO-15 | 142-82-5 | HEPTANE | 3 | U |
| EPD-WA-01-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.8 | U |
| EPD-WA-01-043023 | TO-15 | 110-54-3 | HEXANE | 2.6 | U |
| EPD-WA-01-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.41 | J |
| EPD-WA-01-043023 | TO-15 | 109-66-0 | PENTANE | 1.4 | NJ |
| EPD-WA-01-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.72 | U |
| EPD-WA-01-043023 | TO-15 | 100-42-5 | STYRENE | 0.63 | U |
| EPD-WA-01-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.2 | U |
| EPD-WA-01-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.67 | U |
| EPD-WA-01-043023 | TO-15 | NA | UNKNOWN TIC | 1.3 | J |
| EPD-WA-01-043023 | TO-15 | NA | UNKNOWN TIC | 1.4 | J |
| EPD-WA-01-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-WA-01-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-WA-01-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-WA-01-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-WA-01-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.058 | U |
| EPD-WA-01-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-01-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.12 | U |
| EPD-WA-01-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.18 | U |
| EPD-WA-01-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.6 | |
| EPD-WA-01-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.43 | |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-02-043023 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 4.8 | U |
| EPD-WA-02-043023 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 1.2 | J |
| EPD-WA-02-043023 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-02-043023 | TO-15 | 591-78-6 | 2-HEXANONE | 4.2 | U |
| EPD-WA-02-043023 | TO-15 | 67-63-0 | 2-PROPANOL | 10 | U |
| EPD-WA-02-043023 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 3.2 | UJ |
| EPD-WA-02-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 1 | U |
| EPD-WA-02-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.85 | U |
| EPD-WA-02-043023 | TO-15 | 67-64-1 | ACETONE | 5.4 | J |
| EPD-WA-02-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.1 | U |
| EPD-WA-02-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.4 | U |
| EPD-WA-02-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.1 | U |
| EPD-WA-02-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 40 | U |
| EPD-WA-02-043023 | TO-15 | 106-97-8 | BUTANE | 1.5 | NJ |
| EPD-WA-02-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.2 | NJ |
| EPD-WA-02-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-02-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.86 | J |
| EPD-WA-02-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.95 | U |
| EPD-WA-02-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.94 | U |
| EPD-WA-02-043023 | TO-15 | 98-82-8 | CUMENE | 1 | U |
| EPD-WA-02-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 3.6 | U |
| EPD-WA-02-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.8 | U |
| EPD-WA-02-043023 | TO-15 | 64-17-5 | ETHANOL | 7.8 | UJ |
| EPD-WA-02-043023 | TO-15 | 75-69-4 | FREON 11 | 1.2 | |
| EPD-WA-02-043023 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-02-043023 | TO-15 | 142-82-5 | HEPTANE | 4.2 | U |
| EPD-WA-02-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 11 | U |
| EPD-WA-02-043023 | TO-15 | 110-54-3 | HEXANE | 3.6 | U |
| EPD-WA-02-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.4 | U |
| EPD-WA-02-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 1 | U |
| EPD-WA-02-043023 | TO-15 | 100-42-5 | STYRENE | 0.88 | U |
| EPD-WA-02-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3 | U |
| EPD-WA-02-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.94 | U |
| EPD-WA-02-043023 | TO-15 | NA | UNKNOWN TIC | 2.1 | J |
| EPD-WA-02-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.22 | U |
| EPD-WA-02-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.28 | U |
| EPD-WA-02-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.22 | U |
| EPD-WA-02-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.17 | U |
| EPD-WA-02-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.082 | U |
| EPD-WA-02-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.32 | U |
| EPD-WA-02-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.17 | U |
| EPD-WA-02-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.25 | U |
| EPD-WA-02-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.5 | |
| EPD-WA-02-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.43 | |
| EPD-WA-02-043023 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.27 | U |
| EPD-WA-02-043023 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.2 | U |
| EPD-WA-02-043023 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 2.1 | U |
| EPD-WA-02-043023 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.16 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-03-043023 | TO-15 | 67-63-0 | 2-PROPANOL | 10 | U |
| EPD-WA-03-043023 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 3.2 | UJ |
| EPD-WA-03-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 1 | U |
| EPD-WA-03-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.23 | J |
| EPD-WA-03-043023 | TO-15 | 67-64-1 | ACETONE | 4.8 | J |
| EPD-WA-03-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.1 | U |
| EPD-WA-03-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.4 | U |
| EPD-WA-03-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.2 | U |
| EPD-WA-03-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 40 | U |
| EPD-WA-03-043023 | TO-15 | 106-97-8 | BUTANE | 1.8 | NJ |
| EPD-WA-03-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.3 | NJ |
| EPD-WA-03-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-03-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.89 | J |
| EPD-WA-03-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.96 | U |
| EPD-WA-03-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.94 | U |
| EPD-WA-03-043023 | TO-15 | 98-82-8 | CUMENE | 1 | U |
| EPD-WA-03-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 3.6 | U |
| EPD-WA-03-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.8 | U |
| EPD-WA-03-043023 | TO-15 | 64-17-5 | ETHANOL | 7.8 | UJ |
| EPD-WA-03-043023 | TO-15 | 75-69-4 | FREON 11 | 1 | J |
| EPD-WA-03-043023 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-03-043023 | TO-15 | 142-82-5 | HEPTANE | 4.3 | U |
| EPD-WA-03-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 11 | U |
| EPD-WA-03-043023 | TO-15 | 110-54-3 | HEXANE | 3.7 | U |
| EPD-WA-03-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.4 | U |
| EPD-WA-03-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 1 | U |
| EPD-WA-03-043023 | TO-15 | 100-42-5 | STYRENE | 0.88 | U |
| EPD-WA-03-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3.1 | U |
| EPD-WA-03-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.94 | U |
| EPD-WA-03-043023 | TO-15 | NA | UNKNOWN TIC | 2 | J |
| EPD-WA-03-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.23 | U |
| EPD-WA-03-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.28 | U |
| EPD-WA-03-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.23 | U |
| EPD-WA-03-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.17 | U |
| EPD-WA-03-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.082 | U |
| EPD-WA-03-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.32 | U |
| EPD-WA-03-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.17 | U |
| EPD-WA-03-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.25 | U |
| EPD-WA-03-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.48 | |
| EPD-WA-03-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.42 | |
| EPD-WA-03-043023 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.27 | U |
| EPD-WA-03-043023 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.2 | U |
| EPD-WA-03-043023 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 2.1 | U |
| EPD-WA-03-043023 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.16 | U |
| EPD-WA-03-043023 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.18 | U |
| EPD-WA-03-043023 | TO-15 SIM | 76-14-2 | FREON 114 | 0.29 | U |
| EPD-WA-03-043023 | TO-15 SIM | 75-71-8 | FREON 12 | 2 | |
| EPD-WA-03-043023 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.36 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-04-043023 | TO-15 | 67-64-1 | ACETONE | 12 | |
| EPD-WA-04-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.74 | U |
| EPD-WA-04-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.95 | U |
| EPD-WA-04-043023 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-WA-04-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-WA-04-043023 | TO-15 | 106-97-8 | BUTANE | 2 | NJ |
| EPD-WA-04-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.6 | NJ |
| EPD-WA-04-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-04-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.59 | J |
| EPD-WA-04-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.65 | U |
| EPD-WA-04-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-04-043023 | TO-15 | 98-82-8 | CUMENE | 0.7 | U |
| EPD-WA-04-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-04-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-04-043023 | TO-15 | 64-17-5 | ETHANOL | 5.4 | UJ |
| EPD-WA-04-043023 | TO-15 | 75-69-4 | FREON 11 | 1 | |
| EPD-WA-04-043023 | TO-15 | 76-13-1 | FREON 113 | 0.38 | J |
| EPD-WA-04-043023 | TO-15 | 142-82-5 | HEPTANE | 2.9 | U |
| EPD-WA-04-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.6 | U |
| EPD-WA-04-043023 | TO-15 | 110-54-3 | HEXANE | 2.5 | U |
| EPD-WA-04-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.68 | J |
| EPD-WA-04-043023 | TO-15 | 109-66-0 | PENTANE | 1.2 | NJ |
| EPD-WA-04-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.7 | U |
| EPD-WA-04-043023 | TO-15 | 100-42-5 | STYRENE | 0.6 | U |
| EPD-WA-04-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-04-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 0.79 | J |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 0.8 | J |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 0.87 | J |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 0.9 | J |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 3.2 | J |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 5.2 | J |
| EPD-WA-04-043023 | TO-15 | NA | UNKNOWN TIC | 12 | J |
| EPD-WA-04-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-04-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-04-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-04-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.16 | |
| EPD-WA-04-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-04-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-04-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.11 | U |
| EPD-WA-04-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-04-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.9 | |
| EPD-WA-04-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.4 | |
| EPD-WA-04-043023 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-04-043023 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.14 | U |
| EPD-WA-04-043023 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 1.5 | U |
| EPD-WA-04-043023 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-04-043023 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.12 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-05-043023 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 3.5 | UJ |
| EPD-WA-05-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 1.1 | U |
| EPD-WA-05-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.92 | U |
| EPD-WA-05-043023 | TO-15 | 67-64-1 | ACETONE | 13 | |
| EPD-WA-05-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.2 | U |
| EPD-WA-05-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.5 | U |
| EPD-WA-05-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.3 | U |
| EPD-WA-05-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 44 | U |
| EPD-WA-05-043023 | TO-15 | 106-97-8 | BUTANE | 1.9 | NJ |
| EPD-WA-05-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.6 | NJ |
| EPD-WA-05-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-05-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 1 | J |
| EPD-WA-05-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 1 | U |
| EPD-WA-05-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 1 | U |
| EPD-WA-05-043023 | TO-15 | 98-82-8 | CUMENE | 1.1 | U |
| EPD-WA-05-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 3.9 | U |
| EPD-WA-05-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.9 | U |
| EPD-WA-05-043023 | TO-15 | 64-17-5 | ETHANOL | 2.6 | J |
| EPD-WA-05-043023 | TO-15 | 75-69-4 | FREON 11 | 1.3 | |
| EPD-WA-05-043023 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-05-043023 | TO-15 | 142-82-5 | HEPTANE | 4.6 | U |
| EPD-WA-05-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 12 | U |
| EPD-WA-05-043023 | TO-15 | 110-54-3 | HEXANE | 4 | U |
| EPD-WA-05-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.65 | J |
| EPD-WA-05-043023 | TO-15 | 109-66-0 | PENTANE | 1.2 | NJ |
| EPD-WA-05-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 1.1 | U |
| EPD-WA-05-043023 | TO-15 | 100-42-5 | STYRENE | 0.96 | U |
| EPD-WA-05-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3.3 | U |
| EPD-WA-05-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 1 | U |
| EPD-WA-05-043023 | TO-15 | NA | UNKNOWN TIC | 3.2 | J |
| EPD-WA-05-043023 | TO-15 | NA | UNKNOWN TIC | 7.1 | J |
| EPD-WA-05-043023 | TO-15 | NA | UNKNOWN TIC | 9.9 | J |
| EPD-WA-05-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.25 | U |
| EPD-WA-05-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.31 | U |
| EPD-WA-05-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.25 | U |
| EPD-WA-05-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.18 | U |
| EPD-WA-05-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.09 | U |
| EPD-WA-05-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.35 | U |
| EPD-WA-05-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.1 | J |
| EPD-WA-05-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.27 | U |
| EPD-WA-05-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.52 | |
| EPD-WA-05-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.43 | |
| EPD-WA-05-043023 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.3 | U |
| EPD-WA-05-043023 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.08 | J |
| EPD-WA-05-043023 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 1.2 | J |
| EPD-WA-05-043023 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.18 | U |
| EPD-WA-05-043023 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.11 | J |
| EPD-WA-05-043023 | TO-15 SIM | 76-14-2 | FREON 114 | 0.12 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-06-043023 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 1.2 | U |
| EPD-WA-06-043023 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 1 | U |
| EPD-WA-06-043023 | TO-15 | 67-64-1 | ACETONE | 5 | J |
| EPD-WA-06-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.3 | U |
| EPD-WA-06-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.6 | U |
| EPD-WA-06-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.5 | U |
| EPD-WA-06-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 48 | U |
| EPD-WA-06-043023 | TO-15 | 106-97-8 | BUTANE | 1.8 | NJ |
| EPD-WA-06-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.5 | NJ |
| EPD-WA-06-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-06-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 1.1 | J |
| EPD-WA-06-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 1.1 | U |
| EPD-WA-06-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 1.1 | U |
| EPD-WA-06-043023 | TO-15 | 98-82-8 | CUMENE | 1.2 | U |
| EPD-WA-06-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 4.2 | U |
| EPD-WA-06-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 2.1 | U |
| EPD-WA-06-043023 | TO-15 | 64-17-5 | ETHANOL | 9.3 | UJ |
| EPD-WA-06-043023 | TO-15 | 75-69-4 | FREON 11 | 1.1 | J |
| EPD-WA-06-043023 | TO-15 | 76-13-1 | FREON 113 | 0.54 | J |
| EPD-WA-06-043023 | TO-15 | 142-82-5 | HEPTANE | 5 | U |
| EPD-WA-06-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 13 | U |
| EPD-WA-06-043023 | TO-15 | 110-54-3 | HEXANE | 4.3 | U |
| EPD-WA-06-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.7 | U |
| EPD-WA-06-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 1.2 | U |
| EPD-WA-06-043023 | TO-15 | 100-42-5 | STYRENE | 1 | U |
| EPD-WA-06-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3.6 | U |
| EPD-WA-06-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 1.1 | U |
| EPD-WA-06-043023 | TO-15 | NA | UNKNOWN TIC | 1.3 | J |
| EPD-WA-06-043023 | TO-15 | NA | UNKNOWN TIC | 1.7 | J |
| EPD-WA-06-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.27 | U |
| EPD-WA-06-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.34 | U |
| EPD-WA-06-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.27 | U |
| EPD-WA-06-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.2 | U |
| EPD-WA-06-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.098 | U |
| EPD-WA-06-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.38 | U |
| EPD-WA-06-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.2 | U |
| EPD-WA-06-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.3 | U |
| EPD-WA-06-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.73 | |
| EPD-WA-06-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.43 | |
| EPD-WA-06-043023 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.32 | U |
| EPD-WA-06-043023 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.24 | U |
| EPD-WA-06-043023 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 2.5 | U |
| EPD-WA-06-043023 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.2 | U |
| EPD-WA-06-043023 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.21 | U |
| EPD-WA-06-043023 | TO-15 SIM | 76-14-2 | FREON 114 | 0.34 | U |
| EPD-WA-06-043023 | TO-15 SIM | 75-71-8 | FREON 12 | 2.1 | |
| EPD-WA-06-043023 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.43 | U |
| EPD-WA-06-043023 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.89 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305018

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-55-043023 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.1 | U |
| EPD-WA-55-043023 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.4 | U |
| EPD-WA-55-043023 | TO-15 | 75-25-2 | BROMOFORM | 2.2 | U |
| EPD-WA-55-043023 | TO-15 | 74-83-9 | BROMOMETHANE | 42 | U |
| EPD-WA-55-043023 | TO-15 | 106-97-8 | BUTANE | 2 | NJ |
| EPD-WA-55-043023 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.7 | NJ |
| EPD-WA-55-043023 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-55-043023 | TO-15 | 75-15-0 | CARBON DISULFIDE | 0.95 | J |
| EPD-WA-55-043023 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.98 | U |
| EPD-WA-55-043023 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.97 | U |
| EPD-WA-55-043023 | TO-15 | 98-82-8 | CUMENE | 1 | U |
| EPD-WA-55-043023 | TO-15 | 110-82-7 | CYCLOHEXANE | 3.7 | U |
| EPD-WA-55-043023 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.8 | U |
| EPD-WA-55-043023 | TO-15 | 64-17-5 | ETHANOL | 2.5 | J |
| EPD-WA-55-043023 | TO-15 | 75-69-4 | FREON 11 | 1.1 | J |
| EPD-WA-55-043023 | TO-15 | 76-13-1 | FREON 113 | 0.52 | J |
| EPD-WA-55-043023 | TO-15 | 142-82-5 | HEPTANE | 4.4 | U |
| EPD-WA-55-043023 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 11 | U |
| EPD-WA-55-043023 | TO-15 | 110-54-3 | HEXANE | 3.8 | U |
| EPD-WA-55-043023 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1.5 | U |
| EPD-WA-55-043023 | TO-15 | 109-66-0 | PENTANE | 1.2 | NJ |
| EPD-WA-55-043023 | TO-15 | 103-65-1 | PROPYLBENZENE | 1 | U |
| EPD-WA-55-043023 | TO-15 | 100-42-5 | STYRENE | 0.91 | U |
| EPD-WA-55-043023 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 3.2 | U |
| EPD-WA-55-043023 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.97 | U |
| EPD-WA-55-043023 | TO-15 | NA | UNKNOWN TIC | 1.1 | J |
| EPD-WA-55-043023 | TO-15 | NA | UNKNOWN TIC | 1.9 | J |
| EPD-WA-55-043023 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.23 | U |
| EPD-WA-55-043023 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.29 | U |
| EPD-WA-55-043023 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.23 | U |
| EPD-WA-55-043023 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.17 | U |
| EPD-WA-55-043023 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.085 | U |
| EPD-WA-55-043023 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.33 | U |
| EPD-WA-55-043023 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.095 | J |
| EPD-WA-55-043023 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.26 | U |
| EPD-WA-55-043023 | TO-15 SIM | 71-43-2 | BENZENE | 0.51 | |
| EPD-WA-55-043023 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.42 | |
| EPD-WA-55-043023 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.28 | U |
| EPD-WA-55-043023 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.082 | J |
| EPD-WA-55-043023 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 1.2 | J |
| EPD-WA-55-043023 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.17 | U |
| EPD-WA-55-043023 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.11 | J |
| EPD-WA-55-043023 | TO-15 SIM | 76-14-2 | FREON 114 | 0.12 | J |
| EPD-WA-55-043023 | TO-15 SIM | 75-71-8 | FREON 12 | 2 | |
| EPD-WA-55-043023 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.35 | J |
| EPD-WA-55-043023 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.77 | U |
| EPD-WA-55-043023 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.54 | J |
| EPD-WA-55-043023 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.14 | J |

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | | | |
|------------------------------|---|---------------------|------------------------|
| Site Name | E Palestine Site - ER | TO/TOLIN No. | 68HE0520F0032/000 |
| Document Tracking No. | DTN 1842 | | |
| Laboratory Report No. | 2305066 | Laboratory | Eurofins Air Toxics, L |
| Analyses | Volatile organic compounds (VOCs) by EPA Method TO-15 with tentatively identified compounds with selective ion monitoring (SIM) | | |
| Samples and Matrix | Nine (9) Air Samples, including one (1) field duplicate | | |
| Collection Date(s) | 05/02/2023 | | |
| Field Duplicate Pairs | EPD-WA-05-050223/EPD-WA-55-050223 | | |
| Field QC Blanks | NA | | |

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2019), which were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Site Remediation* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on the findings of the

Data completeness:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |

Sample preservation, receipt, and holding times:

| Within Criteria | Exceedance/Notes |
|-----------------|--|
| Y | The sample receipt time (at the laboratory) is missing on the COC. |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | |
|--|--|
| | The laboratory case narrative describes the following: “The Chain of Custody (COC) information for sample EPD-DW-B-050223 does not match the information on the canister’s barcode. The sample labeled 6L1086 on the COC is labeled as 6L1087. The client was notified of the discrepancy and the information on the canister was used to process and report results.” |
|--|--|

Method blanks:

| Within Criteria | Exceedance/Notes | | |
|-----------------|--|-------------|---------------------------------------|
| N | TO-15: The method blank reported Ethanol, 2-Propanol, trans-1,3-Dichloropropene, alpha-Chlorotoluene, 1,2-Dichloroethene, 1,2,4-Trichlorobenzene, and Hexachlorobutadiene. The following were qualified as not detected (U) at the RL: | | |
| | Client ID | Lab ID | Compound(s) |
| | EPD-DW-B-050223 | 2305066-01A | 2-Propanol |
| | EPD-WA-03-050223 | 2305066-02A | Ethanol, 2-Propanol |
| | EPD-WA-05-050223 | 2305066-03A | Ethanol, 2-Propanol |
| | EPD-WA-55-050223 | 2305066-04A | Ethanol |
| | EPD-UW-F-050223 | 2305066-05A | Ethanol |
| | EPD-WA-06-050223 | 2305066-06A | Ethanol |
| | EPD-WA-02-050223 | 2305066-07A | Ethanol |
| | EPD-WA-01-050223 | 2305066-08A | Ethanol, 2-Propanol |
| | EPD-WA-04-050223 | 2305066-09A | Ethanol, 2-Propanol |
| | TO-15 SIM: The method blank reported trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, 1,1,2,2-Tetrachloroethane, 1,2,4-Trichlorobenzene, and Naphthalene. The following were qualified as U at the RL: | | |
| | Client ID | Lab ID | Compound(s) |
| | EPD-DW-B-050223 | 2305066-01A | cis-1,2-Dichloroethene |
| | EPD-WA-03-050223 | 2305066-02B | trans-1,2-Dichloroethene, Naphthalene |
| | EPD-WA-05-050223 | 2305066-03B | trans-1,2-Dichloroethene, Naphthalene |
| | EPD-WA-55-050223 | 2305066-04A | Naphthalene |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Field blanks:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| NA | |

Surrogates and labeled compounds:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| Y | |

MS/MSDs:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| NA | |

Laboratory duplicates:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| NA | |

Field duplicates:

| Within Criteria | Exceedance/Notes |
|--------------------|------------------|
| Y | |

LCSs/LCSDs:

| Within Criteria | Exceedance/Notes |
|--------------------|--|
| Y | The LCS/LCSD recovery for Naphthalene was greater than QC limits. However, the Naphthalene results were due to method blank: |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

| | |
|--|--|
| | EPD-WA-03-050223 (2305066-02B) EPD-WA-05-050223 (2305066-03B) EPD-WA-55-050223 (2305066-04B) |
|--|--|

Sample dilutions:

| Within Criteria | Exceedance/Notes |
|-----------------|---|
| Y | Container dilution = 2.86, 1.41, 1.35, 1.41, 1.46, 1.39, 1.38, 1.34 and 1.37 Canister dilution = 2.86, 1.41, 1.35, 1.41, 1.46, 1.39, 1.38, 1.34 and 1.37 Dilution was performed on sample EPD-DW-B-050223, due to the presence of high-level target analyte speci |

Re-extraction and reanalysis:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| NA | |

MDLs/RLs:

| Within Criteria | Exceedance/Notes |
|-----------------|--|
| Y | The detection limits were elevated for sample EPD-DW-B-050223 due to necessary dilution during analysis. |

Tentatively identified compounds:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| Y | |



**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Other [specify]:

| Within Criteria | Exceedance/Notes |
|-----------------|------------------|
| N | |

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is definitions that may be used for the validation of this data package:

| | |
|----|---|
| J | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample. |
| J+ | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, biased high. |
| J- | The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample, biased low. |
| NJ | The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample. |
| R | The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample. |
| U | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit). |
| UJ | The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is consistent with the associated value due to deficiencies in one or more quality control criteria. |



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-DW-B-050223 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 11 | U |
| EPD-DW-B-050223 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 1.4 | U |
| EPD-DW-B-050223 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 1.7 | U |
| EPD-DW-B-050223 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 1.3 | U |
| EPD-DW-B-050223 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 1.4 | U |
| EPD-DW-B-050223 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.63 | U |
| EPD-DW-B-050223 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 1.7 | U |
| EPD-DW-B-050223 | TO-15 | 123-91-1 | 1,4-DIOXANE | 1 | U |
| EPD-DW-B-050223 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 6.7 | U |
| EPD-DW-B-050223 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 4.2 | U |
| EPD-DW-B-050223 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-DW-B-050223 | TO-15 | 591-78-6 | 2-HEXANONE | 5.8 | U |
| EPD-DW-B-050223 | TO-15 | 67-63-0 | 2-PROPANOL | 0.69 | J |
| EPD-DW-B-050223 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 4.5 | U |
| EPD-DW-B-050223 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 1.4 | U |
| EPD-DW-B-050223 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 1.2 | U |
| EPD-DW-B-050223 | TO-15 | 67-64-1 | ACETONE | 4.8 | J |
| EPD-DW-B-050223 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 1.5 | U |
| EPD-DW-B-050223 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 1.9 | U |
| EPD-DW-B-050223 | TO-15 | 75-25-2 | BROMOFORM | 3 | U |
| EPD-DW-B-050223 | TO-15 | 74-83-9 | BROMOMETHANE | 56 | U |
| EPD-DW-B-050223 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-DW-B-050223 | TO-15 | 75-15-0 | CARBON DISULFIDE | 4.4 | U |
| EPD-DW-B-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 1.3 | U |
| EPD-DW-B-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 1.3 | U |
| EPD-DW-B-050223 | TO-15 | 98-82-8 | CUMENE | 1.4 | U |
| EPD-DW-B-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 4.9 | U |
| EPD-DW-B-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 2.4 | U |
| EPD-DW-B-050223 | TO-15 | 64-17-5 | ETHANOL | 11 | U |
| EPD-DW-B-050223 | TO-15 | 75-69-4 | FREON 11 | 0.95 | J |
| EPD-DW-B-050223 | TO-15 | 76-13-1 | FREON 113 | 0.42 | J |
| EPD-DW-B-050223 | TO-15 | 142-82-5 | HEPTANE | 5.9 | U |
| EPD-DW-B-050223 | TO-15 | 87-68-3 | HEXACHLOROBTADIENE | 15 | U |
| EPD-DW-B-050223 | TO-15 | 110-54-3 | HEXANE | 0.18 | J |
| EPD-DW-B-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 2 | U |
| EPD-DW-B-050223 | TO-15 | 124-19-6 | NONANAL | 2.7 | NJ |
| EPD-DW-B-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 1.4 | U |
| EPD-DW-B-050223 | TO-15 | 100-42-5 | STYRENE | 1.2 | U |
| EPD-DW-B-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 4.2 | U |
| EPD-DW-B-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 1.3 | U |
| EPD-DW-B-050223 | TO-15 | NA | UNKNOWN TIC | 12 | J |
| EPD-DW-B-050223 | TO-15 | NA | UNKNOWN TIC | 23 | J |
| EPD-DW-B-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.31 | U |
| EPD-DW-B-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.39 | U |
| EPD-DW-B-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.31 | U |
| EPD-DW-B-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.23 | U |
| EPD-DW-B-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.11 | U |
| EPD-DW-B-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.44 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|-----------------|-----------|------------|---|------------|-----|
| EPD-UW-F-050223 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.72 | U |
| EPD-UW-F-050223 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.32 | U |
| EPD-UW-F-050223 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.88 | U |
| EPD-UW-F-050223 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.53 | U |
| EPD-UW-F-050223 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.4 | U |
| EPD-UW-F-050223 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 2.2 | U |
| EPD-UW-F-050223 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-UW-F-050223 | TO-15 | 591-78-6 | 2-HEXANONE | 3 | U |
| EPD-UW-F-050223 | TO-15 | 67-63-0 | 2-PROPANOL | 7.2 | U |
| EPD-UW-F-050223 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.3 | U |
| EPD-UW-F-050223 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.72 | U |
| EPD-UW-F-050223 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.6 | U |
| EPD-UW-F-050223 | TO-15 | 67-64-1 | ACETONE | 2.8 | J |
| EPD-UW-F-050223 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.76 | U |
| EPD-UW-F-050223 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.98 | U |
| EPD-UW-F-050223 | TO-15 | 75-25-2 | BROMOFORM | 1.5 | U |
| EPD-UW-F-050223 | TO-15 | 74-83-9 | BROMOMETHANE | 28 | U |
| EPD-UW-F-050223 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-UW-F-050223 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.3 | U |
| EPD-UW-F-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.67 | U |
| EPD-UW-F-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.66 | U |
| EPD-UW-F-050223 | TO-15 | 98-82-8 | CUMENE | 0.72 | U |
| EPD-UW-F-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.5 | U |
| EPD-UW-F-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-UW-F-050223 | TO-15 | 64-17-5 | ETHANOL | 0.73 | J |
| EPD-UW-F-050223 | TO-15 | 75-69-4 | FREON 11 | 0.89 | |
| EPD-UW-F-050223 | TO-15 | 76-13-1 | FREON 113 | 0.41 | J |
| EPD-UW-F-050223 | TO-15 | 142-82-5 | HEPTANE | 3 | U |
| EPD-UW-F-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.8 | U |
| EPD-UW-F-050223 | TO-15 | 110-54-3 | HEXANE | 0.1 | J |
| EPD-UW-F-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 1 | U |
| EPD-UW-F-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.72 | U |
| EPD-UW-F-050223 | TO-15 | 100-42-5 | STYRENE | 0.62 | U |
| EPD-UW-F-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.2 | U |
| EPD-UW-F-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.66 | U |
| EPD-UW-F-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.16 | U |
| EPD-UW-F-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.2 | U |
| EPD-UW-F-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.16 | U |
| EPD-UW-F-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.12 | U |
| EPD-UW-F-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.058 | U |
| EPD-UW-F-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-UW-F-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.06 | J |
| EPD-UW-F-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.18 | U |
| EPD-UW-F-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.15 | J |
| EPD-UW-F-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-UW-F-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-UW-F-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.056 | J |
| EPD-UW-F-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.71 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-01-050223 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-01-050223 | TO-15 | 591-78-6 | 2-HEXANONE | 2.7 | U |
| EPD-WA-01-050223 | TO-15 | 67-63-0 | 2-PROPANOL | 0.27 | J |
| EPD-WA-01-050223 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.1 | U |
| EPD-WA-01-050223 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.13 | J |
| EPD-WA-01-050223 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.55 | U |
| EPD-WA-01-050223 | TO-15 | 67-64-1 | ACETONE | 4.7 | J |
| EPD-WA-01-050223 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.69 | U |
| EPD-WA-01-050223 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.9 | U |
| EPD-WA-01-050223 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-01-050223 | TO-15 | 74-83-9 | BROMOMETHANE | 26 | U |
| EPD-WA-01-050223 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-01-050223 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.1 | U |
| EPD-WA-01-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.62 | U |
| EPD-WA-01-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.61 | U |
| EPD-WA-01-050223 | TO-15 | 98-82-8 | CUMENE | 0.66 | U |
| EPD-WA-01-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 4.3 | |
| EPD-WA-01-050223 | TO-15 | 638-04-0 | CYCLOHEXANE, 1,3-DIMETHYL-, CIS- | 2 | NJ |
| EPD-WA-01-050223 | TO-15 | 108-87-2 | CYCLOHEXANE, METHYL- | 6 | NJ |
| EPD-WA-01-050223 | TO-15 | 4516-69-2 | CYCLOPENTANE, 1,1,3-TRIMETHYL- | 0.89 | NJ |
| EPD-WA-01-050223 | TO-15 | 96-37-7 | CYCLOPENTANE, METHYL- | 1.5 | NJ |
| EPD-WA-01-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.1 | U |
| EPD-WA-01-050223 | TO-15 | 64-17-5 | ETHANOL | 0.62 | J |
| EPD-WA-01-050223 | TO-15 | 75-69-4 | FREON 11 | 0.91 | |
| EPD-WA-01-050223 | TO-15 | 76-13-1 | FREON 113 | 0.42 | J |
| EPD-WA-01-050223 | TO-15 | 142-82-5 | HEPTANE | 5.4 | |
| EPD-WA-01-050223 | TO-15 | 592-27-8 | HEPTANE, 2-METHYL- | 2.1 | NJ |
| EPD-WA-01-050223 | TO-15 | 589-81-1 | HEPTANE, 3-METHYL- | 1.1 | NJ |
| EPD-WA-01-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.1 | U |
| EPD-WA-01-050223 | TO-15 | 110-54-3 | HEXANE | 2.4 | |
| EPD-WA-01-050223 | TO-15 | 591-76-4 | HEXANE, 2-METHYL- | 1.4 | NJ |
| EPD-WA-01-050223 | TO-15 | 589-34-4 | HEXANE, 3-METHYL- | 2 | NJ |
| EPD-WA-01-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.93 | U |
| EPD-WA-01-050223 | TO-15 | 107-83-5 | PENTANE, 2-METHYL- | 0.9 | NJ |
| EPD-WA-01-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.66 | U |
| EPD-WA-01-050223 | TO-15 | 100-42-5 | STYRENE | 0.57 | U |
| EPD-WA-01-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-01-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.61 | U |
| EPD-WA-01-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-01-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.18 | U |
| EPD-WA-01-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-01-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-01-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.053 | U |
| EPD-WA-01-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.2 | U |
| EPD-WA-01-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.066 | J |
| EPD-WA-01-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-01-050223 | TO-15 SIM | 71-43-2 | BENZENE | 1.4 | |
| EPD-WA-01-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|------------|---|------------|-----|
| EPD-WA-02-050223 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.2 | U |
| EPD-WA-02-050223 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 2 | U |
| EPD-WA-02-050223 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-02-050223 | TO-15 | 591-78-6 | 2-HEXANONE | 2.8 | U |
| EPD-WA-02-050223 | TO-15 | 67-63-0 | 2-PROPANOL | 6.8 | U |
| EPD-WA-02-050223 | TO-15 | 107-05-1 | 3-CHLOROPROPENE | 2.2 | U |
| EPD-WA-02-050223 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.68 | U |
| EPD-WA-02-050223 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.56 | U |
| EPD-WA-02-050223 | TO-15 | 67-64-1 | ACETONE | 2.2 | J |
| EPD-WA-02-050223 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.71 | U |
| EPD-WA-02-050223 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.92 | U |
| EPD-WA-02-050223 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-02-050223 | TO-15 | 74-83-9 | BROMOMETHANE | 27 | U |
| EPD-WA-02-050223 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-02-050223 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.1 | U |
| EPD-WA-02-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.64 | U |
| EPD-WA-02-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-WA-02-050223 | TO-15 | 98-82-8 | CUMENE | 0.68 | U |
| EPD-WA-02-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-02-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-02-050223 | TO-15 | 64-17-5 | ETHANOL | 0.59 | J |
| EPD-WA-02-050223 | TO-15 | 75-69-4 | FREON 11 | 0.9 | |
| EPD-WA-02-050223 | TO-15 | 76-13-1 | FREON 113 | 0.42 | J |
| EPD-WA-02-050223 | TO-15 | 142-82-5 | HEPTANE | 2.8 | U |
| EPD-WA-02-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.4 | U |
| EPD-WA-02-050223 | TO-15 | 110-54-3 | HEXANE | 0.12 | J |
| EPD-WA-02-050223 | TO-15 | 75-28-5 | ISOBUTANE | 1.6 | NJ |
| EPD-WA-02-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.96 | U |
| EPD-WA-02-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.68 | U |
| EPD-WA-02-050223 | TO-15 | 100-42-5 | STYRENE | 0.59 | U |
| EPD-WA-02-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-02-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-WA-02-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-02-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-02-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-02-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-02-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.055 | U |
| EPD-WA-02-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-02-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.063 | J |
| EPD-WA-02-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-02-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.22 | J |
| EPD-WA-02-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-02-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-02-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.055 | J |
| EPD-WA-02-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.71 | J |
| EPD-WA-02-050223 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-02-050223 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.042 | J |
| EPD-WA-02-050223 | TO-15 SIM | 76-14-2 | FREON 114 | 0.096 | J |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-03-050223 | TO-15 | 622-96-8 | 4-ETHYLTOLUENE | 0.69 | U |
| EPD-WA-03-050223 | TO-15 | 108-10-1 | 4-METHYL-2-PENTANONE | 0.14 | J |
| EPD-WA-03-050223 | TO-15 | 67-64-1 | ACETONE | 2.6 | J |
| EPD-WA-03-050223 | TO-15 | 100-44-7 | ALPHA-CHLOROTOLUENE | 0.73 | U |
| EPD-WA-03-050223 | TO-15 | 75-27-4 | BROMODICHLOROMETHANE | 0.94 | U |
| EPD-WA-03-050223 | TO-15 | 75-25-2 | BROMOFORM | 1.4 | U |
| EPD-WA-03-050223 | TO-15 | 74-83-9 | BROMOMETHANE | 27 | U |
| EPD-WA-03-050223 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-03-050223 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.2 | U |
| EPD-WA-03-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.65 | U |
| EPD-WA-03-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-03-050223 | TO-15 | 98-82-8 | CUMENE | 0.69 | U |
| EPD-WA-03-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.4 | U |
| EPD-WA-03-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-03-050223 | TO-15 | 64-17-5 | ETHANOL | 0.77 | J |
| EPD-WA-03-050223 | TO-15 | 75-69-4 | FREON 11 | 0.94 | |
| EPD-WA-03-050223 | TO-15 | 76-13-1 | FREON 113 | 0.44 | J |
| EPD-WA-03-050223 | TO-15 | 142-82-5 | HEPTANE | 0.11 | J |
| EPD-WA-03-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.5 | U |
| EPD-WA-03-050223 | TO-15 | 110-54-3 | HEXANE | 0.13 | J |
| EPD-WA-03-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.98 | U |
| EPD-WA-03-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.69 | U |
| EPD-WA-03-050223 | TO-15 | 100-42-5 | STYRENE | 0.6 | U |
| EPD-WA-03-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-03-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-03-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-03-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-03-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-03-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-03-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-03-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-03-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.067 | J |
| EPD-WA-03-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-03-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.24 | |
| EPD-WA-03-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-03-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-03-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.056 | J |
| EPD-WA-03-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.73 | J |
| EPD-WA-03-050223 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-03-050223 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.048 | J |
| EPD-WA-03-050223 | TO-15 SIM | 76-14-2 | FREON 114 | 0.092 | J |
| EPD-WA-03-050223 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-03-050223 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.17 | J |
| EPD-WA-03-050223 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.51 | U |
| EPD-WA-03-050223 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.055 | J |
| EPD-WA-03-050223 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.062 | J |
| EPD-WA-03-050223 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.029 | J |
| EPD-WA-03-050223 | TO-15 SIM | 108-88-3 | TOLUENE | 0.29 | |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---|------------|-----|
| EPD-WA-04-050223 | TO-15 | 79-29-8 | BUTANE, 2,3-DIMETHYL- | 0.75 | NJ |
| EPD-WA-04-050223 | TO-15 | 78-78-4 | BUTANE, 2-METHYL- | 1.1 | NJ |
| EPD-WA-04-050223 | TO-15 | 141-32-2 | BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER | 0 | U |
| EPD-WA-04-050223 | TO-15 | 75-15-0 | CARBON DISULFIDE | 2.1 | U |
| EPD-WA-04-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.63 | U |
| EPD-WA-04-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.62 | U |
| EPD-WA-04-050223 | TO-15 | 98-82-8 | CUMENE | 0.67 | U |
| EPD-WA-04-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 0.81 | J |
| EPD-WA-04-050223 | TO-15 | 108-87-2 | CYCLOHEXANE, METHYL- | 0.83 | NJ |
| EPD-WA-04-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-04-050223 | TO-15 | 64-17-5 | ETHANOL | 0.83 | J |
| EPD-WA-04-050223 | TO-15 | 75-69-4 | FREON 11 | 0.92 | |
| EPD-WA-04-050223 | TO-15 | 76-13-1 | FREON 113 | 0.41 | J |
| EPD-WA-04-050223 | TO-15 | 142-82-5 | HEPTANE | 0.86 | J |
| EPD-WA-04-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.3 | U |
| EPD-WA-04-050223 | TO-15 | 110-54-3 | HEXANE | 1.3 | J |
| EPD-WA-04-050223 | TO-15 | 19411-65-5 | HYDROXYLAMINE, O-(3-METHYLBUTYL)- | 0.73 | NJ |
| EPD-WA-04-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.95 | U |
| EPD-WA-04-050223 | TO-15 | 109-66-0 | PENTANE | 0.85 | NJ |
| EPD-WA-04-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.67 | U |
| EPD-WA-04-050223 | TO-15 | 100-42-5 | STYRENE | 0.58 | U |
| EPD-WA-04-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-04-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.62 | U |
| EPD-WA-04-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-04-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-04-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-04-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-04-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.054 | U |
| EPD-WA-04-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-04-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.061 | J |
| EPD-WA-04-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-04-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.91 | |
| EPD-WA-04-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-04-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-04-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.056 | J |
| EPD-WA-04-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.73 | J |
| EPD-WA-04-050223 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-04-050223 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.22 | |
| EPD-WA-04-050223 | TO-15 SIM | 76-14-2 | FREON 114 | 0.095 | J |
| EPD-WA-04-050223 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-04-050223 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.71 | |
| EPD-WA-04-050223 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.49 | U |
| EPD-WA-04-050223 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.36 | U |
| EPD-WA-04-050223 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.26 | |
| EPD-WA-04-050223 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.027 | J |
| EPD-WA-04-050223 | TO-15 SIM | 108-88-3 | TOLUENE | 1.1 | |
| EPD-WA-04-050223 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.54 | U |
| EPD-WA-04-050223 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.15 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---------------------------|------------|-----|
| EPD-WA-05-050223 | TO-15 | 108-90-7 | CHLOROBENZENE | 0.62 | U |
| EPD-WA-05-050223 | TO-15 | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.61 | U |
| EPD-WA-05-050223 | TO-15 | 98-82-8 | CUMENE | 0.66 | U |
| EPD-WA-05-050223 | TO-15 | 110-82-7 | CYCLOHEXANE | 2.3 | U |
| EPD-WA-05-050223 | TO-15 | 124-48-1 | DIBROMOCHLOROMETHANE | 1.2 | U |
| EPD-WA-05-050223 | TO-15 | 64-17-5 | ETHANOL | 0.93 | J |
| EPD-WA-05-050223 | TO-15 | 75-69-4 | FREON 11 | 0.92 | |
| EPD-WA-05-050223 | TO-15 | 76-13-1 | FREON 113 | 0.4 | J |
| EPD-WA-05-050223 | TO-15 | 142-82-5 | HEPTANE | 0.21 | J |
| EPD-WA-05-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.2 | U |
| EPD-WA-05-050223 | TO-15 | 110-54-3 | HEXANE | 0.27 | J |
| EPD-WA-05-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.94 | U |
| EPD-WA-05-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.66 | U |
| EPD-WA-05-050223 | TO-15 | 100-42-5 | STYRENE | 0.58 | U |
| EPD-WA-05-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-05-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.61 | U |
| EPD-WA-05-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-05-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.18 | U |
| EPD-WA-05-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-05-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-05-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.054 | U |
| EPD-WA-05-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-05-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.066 | J |
| EPD-WA-05-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.16 | U |
| EPD-WA-05-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.18 | J |
| EPD-WA-05-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-05-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-05-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.059 | J |
| EPD-WA-05-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.72 | J |
| EPD-WA-05-050223 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-05-050223 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.035 | J |
| EPD-WA-05-050223 | TO-15 SIM | 76-14-2 | FREON 114 | 0.096 | J |
| EPD-WA-05-050223 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-05-050223 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.1 | J |
| EPD-WA-05-050223 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.49 | U |
| EPD-WA-05-050223 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.13 | J |
| EPD-WA-05-050223 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.039 | J |
| EPD-WA-05-050223 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.023 | J |
| EPD-WA-05-050223 | TO-15 SIM | 108-88-3 | TOLUENE | 0.25 | J |
| EPD-WA-05-050223 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.033 | J |
| EPD-WA-05-050223 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.14 | U |
| EPD-WA-05-050223 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.034 | U |
| EPD-WA-06-050223 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.2 | U |
| EPD-WA-06-050223 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.093 | J |
| EPD-WA-06-050223 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.84 | U |
| EPD-WA-06-050223 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.64 | U |
| EPD-WA-06-050223 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.68 | U |
| EPD-WA-06-050223 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.31 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|----------------------------------|------------|-----|
| EPD-WA-06-050223 | TO-15 | 76-13-1 | FREON 113 | 0.41 | J |
| EPD-WA-06-050223 | TO-15 | 142-82-5 | HEPTANE | 0.088 | J |
| EPD-WA-06-050223 | TO-15 | 87-68-3 | HEXACHLOROBUTADIENE | 7.4 | U |
| EPD-WA-06-050223 | TO-15 | 110-54-3 | HEXANE | 0.14 | J |
| EPD-WA-06-050223 | TO-15 | 75-09-2 | METHYLENE CHLORIDE | 0.96 | U |
| EPD-WA-06-050223 | TO-15 | 103-65-1 | PROPYLBENZENE | 0.68 | U |
| EPD-WA-06-050223 | TO-15 | 100-42-5 | STYRENE | 0.59 | U |
| EPD-WA-06-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2 | U |
| EPD-WA-06-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.63 | U |
| EPD-WA-06-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-06-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-06-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-06-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-06-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.055 | U |
| EPD-WA-06-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.21 | U |
| EPD-WA-06-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.065 | J |
| EPD-WA-06-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-06-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.33 | |
| EPD-WA-06-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-06-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.18 | U |
| EPD-WA-06-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.055 | J |
| EPD-WA-06-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.71 | J |
| EPD-WA-06-050223 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-06-050223 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.06 | J |
| EPD-WA-06-050223 | TO-15 SIM | 76-14-2 | FREON 114 | 0.094 | J |
| EPD-WA-06-050223 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-06-050223 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.18 | J |
| EPD-WA-06-050223 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.5 | U |
| EPD-WA-06-050223 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.36 | U |
| EPD-WA-06-050223 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.069 | J |
| EPD-WA-06-050223 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.033 | J |
| EPD-WA-06-050223 | TO-15 SIM | 108-88-3 | TOLUENE | 0.36 | |
| EPD-WA-06-050223 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.55 | U |
| EPD-WA-06-050223 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.15 | U |
| EPD-WA-06-050223 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.036 | U |
| EPD-WA-55-050223 | TO-15 | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 5.2 | U |
| EPD-WA-55-050223 | TO-15 | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.69 | U |
| EPD-WA-55-050223 | TO-15 | 95-50-1 | 1,2-DICHLOROBENZENE | 0.85 | U |
| EPD-WA-55-050223 | TO-15 | 78-87-5 | 1,2-DICHLOROPROPANE | 0.65 | U |
| EPD-WA-55-050223 | TO-15 | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.69 | U |
| EPD-WA-55-050223 | TO-15 | 106-99-0 | 1,3-BUTADIENE | 0.31 | U |
| EPD-WA-55-050223 | TO-15 | 541-73-1 | 1,3-DICHLOROBENZENE | 0.85 | U |
| EPD-WA-55-050223 | TO-15 | 123-91-1 | 1,4-DIOXANE | 0.51 | U |
| EPD-WA-55-050223 | TO-15 | 540-84-1 | 2,2,4-TRIMETHYLPENTANE | 3.3 | U |
| EPD-WA-55-050223 | TO-15 | 78-93-3 | 2-BUTANONE (METHYL ETHYL KETONE) | 0.36 | J |
| EPD-WA-55-050223 | TO-15 | 104-76-7 | 2-ETHYL-1-HEXANOL | 0 | U |
| EPD-WA-55-050223 | TO-15 | 591-78-6 | 2-HEXANONE | 2.9 | U |
| EPD-WA-55-050223 | TO-15 | 67-63-0 | 2-PROPANOL | 6.9 | U |

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305066

| Sample_ID | Method | CAS# | Analyte | Lab_Result | Lab |
|------------------|-----------|-------------|---------------------------|------------|-----|
| EPD-WA-55-050223 | TO-15 | 109-99-9 | TETRAHYDROFURAN | 2.1 | U |
| EPD-WA-55-050223 | TO-15 | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.64 | U |
| EPD-WA-55-050223 | TO-15 SIM | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-55-050223 | TO-15 SIM | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.19 | U |
| EPD-WA-55-050223 | TO-15 SIM | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.15 | U |
| EPD-WA-55-050223 | TO-15 SIM | 75-34-3 | 1,1-DICHLOROETHANE | 0.11 | U |
| EPD-WA-55-050223 | TO-15 SIM | 75-35-4 | 1,1-DICHLOROETHENE | 0.056 | U |
| EPD-WA-55-050223 | TO-15 SIM | 106-93-4 | 1,2-DIBROMOETHANE (EDB) | 0.22 | U |
| EPD-WA-55-050223 | TO-15 SIM | 107-06-2 | 1,2-DICHLOROETHANE | 0.065 | J |
| EPD-WA-55-050223 | TO-15 SIM | 106-46-7 | 1,4-DICHLOROBENZENE | 0.17 | U |
| EPD-WA-55-050223 | TO-15 SIM | 71-43-2 | BENZENE | 0.17 | J |
| EPD-WA-55-050223 | TO-15 SIM | 56-23-5 | CARBON TETRACHLORIDE | 0.38 | |
| EPD-WA-55-050223 | TO-15 SIM | 75-00-3 | CHLOROETHANE | 0.19 | U |
| EPD-WA-55-050223 | TO-15 SIM | 67-66-3 | CHLOROFORM | 0.06 | J |
| EPD-WA-55-050223 | TO-15 SIM | 74-87-3 | CHLOROMETHANE | 0.71 | J |
| EPD-WA-55-050223 | TO-15 SIM | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.11 | U |
| EPD-WA-55-050223 | TO-15 SIM | 100-41-4 | ETHYL BENZENE | 0.032 | J |
| EPD-WA-55-050223 | TO-15 SIM | 76-14-2 | FREON 114 | 0.094 | J |
| EPD-WA-55-050223 | TO-15 SIM | 75-71-8 | FREON 12 | 1.8 | |
| EPD-WA-55-050223 | TO-15 SIM | 179601-23-1 | M,P-XYLENE | 0.096 | J |
| EPD-WA-55-050223 | TO-15 SIM | 1634-04-4 | METHYL TERT-BUTYL ETHER | 0.51 | U |
| EPD-WA-55-050223 | TO-15 SIM | 91-20-3 | NAPHTHALENE | 0.13 | J |
| EPD-WA-55-050223 | TO-15 SIM | 95-47-6 | O-XYLENE | 0.035 | J |
| EPD-WA-55-050223 | TO-15 SIM | 127-18-4 | TETRACHLOROETHENE | 0.024 | J |
| EPD-WA-55-050223 | TO-15 SIM | 108-88-3 | TOLUENE | 0.22 | J |
| EPD-WA-55-050223 | TO-15 SIM | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.56 | U |
| EPD-WA-55-050223 | TO-15 SIM | 79-01-6 | TRICHLOROETHENE | 0.15 | U |
| EPD-WA-55-050223 | TO-15 SIM | 75-01-4 | VINYL CHLORIDE | 0.036 | U |