



December 15, 2023

Mr. Josh Peters
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 5
Superfund and Emergency Management Division
2565 Plymouth Road
Ann Arbor, MI 48105

We are in the process of ensuring this document is accessible to all audiences. If you need assistance accessing this document, or any material on the EPA East Palestine, Ohio emergency response web pages, please contact the Region 5 Public Information Officer on-call at: R5_EastPalestine@epa.gov

**Subject: Data Validation Report
E Palestine Site - ER
EPA Contract No.: 68HE0519D0005
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201
Document Tracking No. 2299**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 26 air samples (including 2 field duplicate samples) collected at the E Palestine site. The samples were collected between October 21 to 23, 2023, and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on October 26, 2023.

Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio*, Revision 3 (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5*, Revision 4 (August 2022), and the *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

No rejection of results was required for these data packages. 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 contact me via the project manager.

Sincerely,

Celina Barnett-Cashman
Digitally signed by Celina Barnett-Cashman
Date: 2023.12.15
15:58:19 -06'00'

Environmental Chemist

Enclosure

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

ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS AIR TOXICS, LLC REPORT NOS.
2310543, 2310544A, 2310544B AND 2310545**

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2299a		
Laboratory Report No.	2310543	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples including one field duplicate pair		
Collection Date(s)	10/23/2023		
Field Duplicate Pairs	EPD-WA-01-102323/EPD-WA-11-102323		
Field QC Blanks	None		

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 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio*, Revision 3 (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

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

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/LCS duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided the COC form separately and the LCS/LCSD RPDs were included in the Level IV laboratory report. No qualifications were applied.

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2310543-10A): Acetone was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). Acetone in samples EPD-DW-C-102323 and EPD-WA-02-102323 were greater than ten times the blank value; therefore, no qualifications were necessary. All remaining acetone sample results were detected below the RL; therefore, qualified as nondetect (flagged U) at the RL.</p> <p>TO-15 SIM (2310543-10B): 1,4-Dichlorobenzene was detected in the method blank at a level between the MDL and RL. All 1,4-dichlorobenzene sample results were nondetect; therefore, no qualifications were necessary.</p>

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

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

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	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.29 to 1.59. While no qualifications were applied, the data user should be aware of increased RLs for sample dilutions.

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	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified known TICs as tentatively identified (flagged NJ). The laboratory qualified unknown TICs as estimated (flagged J). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
Y	

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 a list of qualifiers and 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 and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
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 considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-DW-C-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7 U		0.17	0.7	UG/M3	0.70 U	
EPD-DW-C-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.13	0.85	UG/M3	0.85 U	
EPD-DW-C-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-DW-C-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-DW-C-102323	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.043	0.31	UG/M3	0.31 U	
EPD-DW-C-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.085	0.85	UG/M3	0.85 U	
EPD-DW-C-102323	TO-15	123-91-1	1,4-DIOXANE	0.51 U		0.074	0.51	UG/M3	0.51 U	
EPD-DW-C-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.22	3.3	UG/M3	3.3 U	
EPD-DW-C-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.8 J		0.36	2.1	UG/M3	1.8 J	
EPD-DW-C-102323	TO-15	591-78-6	2-HEXANONE	2.9 U		0.55	2.9	UG/M3	2.9 U	
EPD-DW-C-102323	TO-15	67-63-0	2-PROPANOL	7 U		0.17	7	UG/M3	7.0 U	
EPD-DW-C-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.2	2.2	UG/M3	2.2 U	
EPD-DW-C-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.12	0.7	UG/M3	0.70 U	
EPD-DW-C-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.18	0.58	UG/M3	0.58 U	
EPD-DW-C-102323	TO-15	67-64-1	ACETONE	11		0.5	6.7	UG/M3	11	
EPD-DW-C-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-DW-C-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U		0.12	0.95	UG/M3	0.95 U	
EPD-DW-C-102323	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-DW-C-102323	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-DW-C-102323	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.098	2.2	UG/M3	2.2 U	
EPD-DW-C-102323	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.075	0.65	UG/M3	0.65 U	
EPD-DW-C-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-DW-C-102323	TO-15	98-82-8	CUMENE	0.7 U		0.064	0.7	UG/M3	0.70 U	
EPD-DW-C-102323	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-DW-C-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-DW-C-102323	TO-15	64-17-5	ETHANOL	1.6 J		0.68	5.4	UG/M3	1.6 J	
EPD-DW-C-102323	TO-15	75-69-4	FREON 11	1.4		0.12	0.8	UG/M3	1.4	
EPD-DW-C-102323	TO-15	76-13-1	FREON 113	0.56 J		0.11	1.1	UG/M3	0.56 J	
EPD-DW-C-102323	TO-15	142-82-5	HEPTANE	2.9 U		0.4	2.9	UG/M3	2.9 U	
EPD-DW-C-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		0.5	7.6	UG/M3	7.6 U	
EPD-DW-C-102323	TO-15	110-54-3	HEXANE	2.5 U		0.23	2.5	UG/M3	2.5 U	
EPD-DW-C-102323	TO-15	75-09-2	METHYLENE CHLORIDE	0.99 U		0.31	0.99	UG/M3	0.99 U	
EPD-DW-C-102323	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.16	0.7	UG/M3	0.70 U	
EPD-DW-C-102323	TO-15	100-42-5	STYRENE	0.6 U		0.098	0.6	UG/M3	0.60 U	
EPD-DW-C-102323	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.35	2.1	UG/M3	2.1 U	
EPD-DW-C-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-DW-C-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-C-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-102323	TO-15	NA	UNKNOWN TIC	1.1	J			PPBV	1.1	J
EPD-DW-C-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-DW-C-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.083	0.19	UG/M3	0.19	U
EPD-DW-C-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-DW-C-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-DW-C-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.022	0.056	UG/M3	0.056	U
EPD-DW-C-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-DW-C-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.06	J	0.029	0.11	UG/M3	0.060	J
EPD-DW-C-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-DW-C-102323	TO-15 SIM	71-43-2	BENZENE	0.34		0.026	0.23	UG/M3	0.34	
EPD-DW-C-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.038	0.18	UG/M3	0.47	
EPD-DW-C-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.02	0.19	UG/M3	0.19	U
EPD-DW-C-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.077	J	0.02	0.14	UG/M3	0.077	J
EPD-DW-C-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.74	J	0.3	1.5	UG/M3	0.74	J
EPD-DW-C-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-DW-C-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.051	J	0.012	0.12	UG/M3	0.051	J
EPD-DW-C-102323	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-DW-C-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.35	UG/M3	2.4	
EPD-DW-C-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.15	J	0.0075	0.25	UG/M3	0.15	J
EPD-DW-C-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-DW-C-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-DW-C-102323	TO-15 SIM	95-47-6	O-XYLENE	0.056	J	0.01	0.12	UG/M3	0.056	J
EPD-DW-C-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-DW-C-102323	TO-15 SIM	108-88-3	TOLUENE	0.41		0.014	0.27	UG/M3	0.41	
EPD-DW-C-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-DW-C-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-DW-C-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-UW-G-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9	U	1.3	5.9	UG/M3	5.9	U
EPD-UW-G-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.78	U	0.19	0.78	UG/M3	0.78	U
EPD-UW-G-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.96	U	0.15	0.96	UG/M3	0.96	U
EPD-UW-G-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-UW-G-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78	U	0.16	0.78	UG/M3	0.78	U
EPD-UW-G-102323	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	0.048	0.35	UG/M3	0.35	U
EPD-UW-G-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.96	U	0.095	0.96	UG/M3	0.96	U
EPD-UW-G-102323	TO-15	123-91-1	1,4-DIOXANE	0.57	U	0.083	0.57	UG/M3	0.57	U
EPD-UW-G-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.25	J	0.24	3.7	UG/M3	0.25	J
EPD-UW-G-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3	U	0.4	2.3	UG/M3	2.3	U
EPD-UW-G-102323	TO-15	591-78-6	2-HEXANONE	3.2	U	0.62	3.2	UG/M3	3.2	U
EPD-UW-G-102323	TO-15	67-63-0	2-PROPANOL	7.8	U	0.19	7.8	UG/M3	7.8	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-G-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.5	U	0.22	2.5	UG/M3	2.5	U
EPD-UW-G-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.19	J	0.13	0.78	UG/M3	0.19	J
EPD-UW-G-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65	U	0.2	0.65	UG/M3	0.65	U
EPD-UW-G-102323	TO-15	67-64-1	ACETONE	3.2	J	0.56	7.6	UG/M3	7.6	U
EPD-UW-G-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82	U	0.24	0.82	UG/M3	0.82	U
EPD-UW-G-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1	U	0.13	1.1	UG/M3	1.1	U
EPD-UW-G-102323	TO-15	75-25-2	BROMOFORM	1.6	U	0.16	1.6	UG/M3	1.6	U
EPD-UW-G-102323	TO-15	74-83-9	BROMOMETHANE	31	U	1.5	31	UG/M3	31	U
EPD-UW-G-102323	TO-15	75-15-0	CARBON DISULFIDE	2.5	U	0.11	2.5	UG/M3	2.5	U
EPD-UW-G-102323	TO-15	108-90-7	CHLOROBENZENE	0.73	U	0.084	0.73	UG/M3	0.73	U
EPD-UW-G-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72	U	0.19	0.72	UG/M3	0.72	U
EPD-UW-G-102323	TO-15	98-82-8	CUMENE	0.78	U	0.072	0.78	UG/M3	0.78	U
EPD-UW-G-102323	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.46	2.7	UG/M3	2.7	U
EPD-UW-G-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4	U	0.2	1.4	UG/M3	1.4	U
EPD-UW-G-102323	TO-15	64-17-5	ETHANOL	6	U	0.76	6	UG/M3	6.0	U
EPD-UW-G-102323	TO-15	75-69-4	FREON 11	1.4		0.13	0.89	UG/M3	1.4	
EPD-UW-G-102323	TO-15	76-13-1	FREON 113	0.56	J	0.12	1.2	UG/M3	0.56	J
EPD-UW-G-102323	TO-15	142-82-5	HEPTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-UW-G-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.5	U	0.56	8.5	UG/M3	8.5	U
EPD-UW-G-102323	TO-15	110-54-3	HEXANE	0.33	J	0.25	2.8	UG/M3	0.33	J
EPD-UW-G-102323	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	0.34	1.1	UG/M3	1.1	U
EPD-UW-G-102323	TO-15	103-65-1	PROPYLBENZENE	0.78	U	0.18	0.78	UG/M3	0.78	U
EPD-UW-G-102323	TO-15	100-42-5	STYRENE	0.68	U	0.11	0.68	UG/M3	0.68	U
EPD-UW-G-102323	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.4	2.3	UG/M3	2.3	U
EPD-UW-G-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-UW-G-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-G-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-G-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-UW-G-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.093	0.22	UG/M3	0.22	U
EPD-UW-G-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-UW-G-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-UW-G-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063	U	0.024	0.063	UG/M3	0.063	U
EPD-UW-G-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.086	0.24	UG/M3	0.24	U
EPD-UW-G-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.063	J	0.033	0.13	UG/M3	0.063	J
EPD-UW-G-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.068	0.19	UG/M3	0.19	U
EPD-UW-G-102323	TO-15 SIM	71-43-2	BENZENE	0.54		0.029	0.25	UG/M3	0.54	
EPD-UW-G-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.042	0.2	UG/M3	0.48	
EPD-UW-G-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.023	0.21	UG/M3	0.21	U
EPD-UW-G-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.083	J	0.023	0.16	UG/M3	0.083	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-G-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.8 J		0.33	1.6	UG/M3	0.80 J	
EPD-UW-G-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.012	0.13	UG/M3	0.13 U	
EPD-UW-G-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.013	0.14	UG/M3	0.10 J	
EPD-UW-G-102323	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.018	0.22	UG/M3	0.13 J	
EPD-UW-G-102323	TO-15 SIM	75-71-8	FREON 12	2.5		0.029	0.39	UG/M3	2.5	
EPD-UW-G-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.34		0.0084	0.28	UG/M3	0.34	
EPD-UW-G-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57 U		0.016	0.57	UG/M3	0.57 U	
EPD-UW-G-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.42 U		0.12	0.42	UG/M3	0.42 U	
EPD-UW-G-102323	TO-15 SIM	95-47-6	O-XYLENE	0.12 J		0.012	0.14	UG/M3	0.12 J	
EPD-UW-G-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.22 U		0.12	0.22	UG/M3	0.22 U	
EPD-UW-G-102323	TO-15 SIM	108-88-3	TOLUENE	0.75		0.016	0.3	UG/M3	0.75	
EPD-UW-G-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.63 U		0.014	0.63	UG/M3	0.63 U	
EPD-UW-G-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.023	0.17	UG/M3	0.17 U	
EPD-UW-G-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.041 U		0.012	0.041	UG/M3	0.041 U	
EPD-WA-01-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.9 U		1.1	4.9	UG/M3	4.9 U	
EPD-WA-01-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.2 J		0.16	0.65	UG/M3	0.20 J	
EPD-WA-01-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.79 U		0.12	0.79	UG/M3	0.79 U	
EPD-WA-01-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-01-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-01-102323	TO-15	106-99-0	1,3-BUTADIENE	0.29 U		0.04	0.29	UG/M3	0.29 U	
EPD-WA-01-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.79 U		0.079	0.79	UG/M3	0.79 U	
EPD-WA-01-102323	TO-15	123-91-1	1,4-DIOXANE	0.48 U		0.069	0.48	UG/M3	0.48 U	
EPD-WA-01-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.34 J		0.2	3.1	UG/M3	0.34 J	
EPD-WA-01-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.46 J		0.33	1.9	UG/M3	0.46 J	
EPD-WA-01-102323	TO-15	591-78-6	2-HEXANONE	2.7 U		0.51	2.7	UG/M3	2.7 U	
EPD-WA-01-102323	TO-15	67-63-0	2-PROPANOL	6.5 U		0.16	6.5	UG/M3	6.5 U	
EPD-WA-01-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		0.18	2.1	UG/M3	2.1 U	
EPD-WA-01-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.16 J		0.11	0.65	UG/M3	0.16 J	
EPD-WA-01-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.54 U		0.16	0.54	UG/M3	0.54 U	
EPD-WA-01-102323	TO-15	67-64-1	ACETONE	4.7 J		0.47	6.3	UG/M3	6.3 U	
EPD-WA-01-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-WA-01-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.88 U		0.11	0.88	UG/M3	0.88 U	
EPD-WA-01-102323	TO-15	75-25-2	BROMOFORM	1.4 U		0.13	1.4	UG/M3	1.4 U	
EPD-WA-01-102323	TO-15	74-83-9	BROMOMETHANE	26 U		1.2	26	UG/M3	26 U	
EPD-WA-01-102323	TO-15	75-15-0	CARBON DISULFIDE	2 U		0.091	2	UG/M3	2.0 U	
EPD-WA-01-102323	TO-15	108-90-7	CHLOROBENZENE	0.61 U		0.07	0.61	UG/M3	0.61 U	
EPD-WA-01-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.6 U		0.16	0.6	UG/M3	0.60 U	
EPD-WA-01-102323	TO-15	98-82-8	CUMENE	0.65 U		0.06	0.65	UG/M3	0.65 U	
EPD-WA-01-102323	TO-15	110-82-7	CYCLOHEXANE	2.3 U		0.38	2.3	UG/M3	2.3 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1 U		0.16	1.1	UG/M3	1.1 U	
EPD-WA-01-102323	TO-15	64-17-5	ETHANOL	7.9		0.63	5	UG/M3	7.9	
EPD-WA-01-102323	TO-15	75-69-4	FREON 11	1.4		0.11	0.74	UG/M3	1.4	
EPD-WA-01-102323	TO-15	76-13-1	FREON 113	0.53 J		0.1	1	UG/M3	0.53 J	
EPD-WA-01-102323	TO-15	142-82-5	HEPTANE	2.7 U		0.38	2.7	UG/M3	2.7 U	
EPD-WA-01-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7 U		0.46	7	UG/M3	7.0 U	
EPD-WA-01-102323	TO-15	110-54-3	HEXANE	0.35 J		0.21	2.3	UG/M3	0.35 J	
EPD-WA-01-102323	TO-15	75-09-2	METHYLENE CHLORIDE	0.92 U		0.28	0.92	UG/M3	0.92 U	
EPD-WA-01-102323	TO-15	103-65-1	PROPYLBENZENE	0.65 U		0.15	0.65	UG/M3	0.65 U	
EPD-WA-01-102323	TO-15	100-42-5	STYRENE	0.56 U		0.091	0.56	UG/M3	0.56 U	
EPD-WA-01-102323	TO-15	109-99-9	TETRAHYDROFURAN	1.9 U		0.33	1.9	UG/M3	1.9 U	
EPD-WA-01-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-WA-01-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14 U		0.019	0.14	UG/M3	0.14 U	
EPD-WA-01-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18 U		0.077	0.18	UG/M3	0.18 U	
EPD-WA-01-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14 U		0.05	0.14	UG/M3	0.14 U	
EPD-WA-01-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.015	0.11	UG/M3	0.11 U	
EPD-WA-01-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.052 U		0.02	0.052	UG/M3	0.052 U	
EPD-WA-01-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2 U		0.071	0.2	UG/M3	0.20 U	
EPD-WA-01-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.063 J		0.027	0.11	UG/M3	0.063 J	
EPD-WA-01-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 U		0.056	0.16	UG/M3	0.16 U	
EPD-WA-01-102323	TO-15 SIM	71-43-2	BENZENE	0.62		0.024	0.21	UG/M3	0.62	
EPD-WA-01-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.035	0.17	UG/M3	0.47	
EPD-WA-01-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.17 U		0.019	0.17	UG/M3	0.17 U	
EPD-WA-01-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.077 J		0.019	0.13	UG/M3	0.077 J	
EPD-WA-01-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77 J		0.27	1.4	UG/M3	0.77 J	
EPD-WA-01-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1 U		0.0097	0.1	UG/M3	0.10 U	
EPD-WA-01-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.011	0.11	UG/M3	0.10 J	
EPD-WA-01-102323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.015	0.18	UG/M3	0.12 J	
EPD-WA-01-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.024	0.33	UG/M3	2.4	
EPD-WA-01-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.33		0.007	0.23	UG/M3	0.33	
EPD-WA-01-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48 U		0.013	0.48	UG/M3	0.48 U	
EPD-WA-01-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.34 U		0.1	0.34	UG/M3	0.34 U	
EPD-WA-01-102323	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.0097	0.11	UG/M3	0.13	
EPD-WA-01-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 U		0.098	0.18	UG/M3	0.18 U	
EPD-WA-01-102323	TO-15 SIM	108-88-3	TOLUENE	0.76		0.013	0.25	UG/M3	0.76	
EPD-WA-01-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.029 J		0.012	0.52	UG/M3	0.029 J	
EPD-WA-01-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14 U		0.019	0.14	UG/M3	0.14 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034 U		0.0098	0.034	UG/M3	0.034 U	
EPD-WA-02-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7 U		1.3	5.7	UG/M3	5.7 U	
EPD-WA-02-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18 J		0.18	0.76	UG/M3	0.18 J	
EPD-WA-02-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92 U		0.14	0.92	UG/M3	0.92 U	
EPD-WA-02-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-02-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.15	0.76	UG/M3	0.76 U	
EPD-WA-02-102323	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.047	0.34	UG/M3	0.34 U	
EPD-WA-02-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92 U		0.092	0.92	UG/M3	0.92 U	
EPD-WA-02-102323	TO-15	123-91-1	1,4-DIOXANE	0.55 U		0.08	0.55	UG/M3	0.55 U	
EPD-WA-02-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.3 J		0.23	3.6	UG/M3	0.30 J	
EPD-WA-02-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.47 J		0.39	2.3	UG/M3	0.47 J	
EPD-WA-02-102323	TO-15	591-78-6	2-HEXANONE	3.2 U		0.6	3.2	UG/M3	3.2 U	
EPD-WA-02-102323	TO-15	67-63-0	2-PROPANOL	2.5 J		0.18	7.6	UG/M3	2.5 J	
EPD-WA-02-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.21	2.4	UG/M3	2.4 U	
EPD-WA-02-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.13	0.76	UG/M3	0.76 U	
EPD-WA-02-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-WA-02-102323	TO-15	67-64-1	ACETONE	10		0.55	7.3	UG/M3	10	
EPD-WA-02-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.23	0.8	UG/M3	0.80 U	
EPD-WA-02-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-02-102323	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-WA-02-102323	TO-15	74-83-9	BROMOMETHANE	30 U		1.4	30	UG/M3	30 U	
EPD-WA-02-102323	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.11	2.4	UG/M3	2.4 U	
EPD-WA-02-102323	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.082	0.71	UG/M3	0.71 U	
EPD-WA-02-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-02-102323	TO-15	98-82-8	CUMENE	0.76 U		0.07	0.76	UG/M3	0.76 U	
EPD-WA-02-102323	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.45	2.6	UG/M3	2.6 U	
EPD-WA-02-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-WA-02-102323	TO-15	64-17-5	ETHANOL	6.6		0.74	5.8	UG/M3	6.6	
EPD-WA-02-102323	TO-15	75-69-4	FREON 11	1.3		0.13	0.86	UG/M3	1.3	
EPD-WA-02-102323	TO-15	76-13-1	FREON 113	0.57 J		0.12	1.2	UG/M3	0.57 J	
EPD-WA-02-102323	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-WA-02-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2 U		0.54	8.2	UG/M3	8.2 U	
EPD-WA-02-102323	TO-15	110-54-3	HEXANE	0.29 J		0.24	2.7	UG/M3	0.29 J	
EPD-WA-02-102323	TO-15	75-09-2	METHYLENE CHLORIDE	1.1 U		0.33	1.1	UG/M3	1.1 U	
EPD-WA-02-102323	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.17	0.76	UG/M3	0.76 U	
EPD-WA-02-102323	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-02-102323	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.38	2.3	UG/M3	2.3 U	
EPD-WA-02-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-02-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	
EPD-WA-02-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-WA-02-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-WA-02-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-WA-02-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.023	0.061	UG/M3	0.061 U	
EPD-WA-02-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.083	0.24	UG/M3	0.24 U	
EPD-WA-02-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.066 J		0.032	0.12	UG/M3	0.066 J	
EPD-WA-02-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.066	0.18	UG/M3	0.18 U	
EPD-WA-02-102323	TO-15 SIM	71-43-2	BENZENE	0.68		0.028	0.24	UG/M3	0.68	
EPD-WA-02-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.041	0.19	UG/M3	0.47	
EPD-WA-02-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-WA-02-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.082 J		0.022	0.15	UG/M3	0.082 J	
EPD-WA-02-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.78 J		0.32	1.6	UG/M3	0.78 J	
EPD-WA-02-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-02-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.099 J		0.013	0.13	UG/M3	0.099 J	
EPD-WA-02-102323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.017	0.22	UG/M3	0.12 J	
EPD-WA-02-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.028	0.38	UG/M3	2.4	
EPD-WA-02-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.34		0.0082	0.27	UG/M3	0.34	
EPD-WA-02-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.015	0.56	UG/M3	0.56 U	
EPD-WA-02-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.4 U		0.12	0.4	UG/M3	0.40 U	
EPD-WA-02-102323	TO-15 SIM	95-47-6	O-XYLENE	0.13 J		0.011	0.13	UG/M3	0.13 J	
EPD-WA-02-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.11	0.21	UG/M3	0.21 U	
EPD-WA-02-102323	TO-15 SIM	108-88-3	TOLUENE	0.72		0.015	0.29	UG/M3	0.72	
EPD-WA-02-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61 U		0.014	0.61	UG/M3	0.61 U	
EPD-WA-02-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-02-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.011	0.039	UG/M3	0.039 U	
EPD-WA-03-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		1.2	5.5	UG/M3	5.5 U	
EPD-WA-03-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73 U		0.18	0.73	UG/M3	0.73 U	
EPD-WA-03-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.14	0.89	UG/M3	0.89 U	
EPD-WA-03-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-03-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.15	0.73	UG/M3	0.73 U	
EPD-WA-03-102323	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.045	0.33	UG/M3	0.33 U	
EPD-WA-03-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.088	0.89	UG/M3	0.89 U	
EPD-WA-03-102323	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.077	0.53	UG/M3	0.53 U	
EPD-WA-03-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.22	3.4	UG/M3	3.4 U	
EPD-WA-03-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2 U		0.37	2.2	UG/M3	2.2 U	
EPD-WA-03-102323	TO-15	591-78-6	2-HEXANONE	3 U		0.58	3	UG/M3	3.0 U	
EPD-WA-03-102323	TO-15	67-63-0	2-PROPANOL	7.3 U		0.18	7.3	UG/M3	7.3 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.2	2.3	UG/M3	2.3 U	
EPD-WA-03-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.12	0.73	UG/M3	0.73 U	
EPD-WA-03-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.18	0.61	UG/M3	0.61 U	
EPD-WA-03-102323	TO-15	67-64-1	ACETONE	6.1 J		0.53	7	UG/M3	7.0 U	
EPD-WA-03-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.22	0.77	UG/M3	0.77 U	
EPD-WA-03-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.12	0.99	UG/M3	0.99 U	
EPD-WA-03-102323	TO-15	75-25-2	BROMOFORM	1.5 U		0.15	1.5	UG/M3	1.5 U	
EPD-WA-03-102323	TO-15	74-83-9	BROMOMETHANE	29 U		1.4	29	UG/M3	29 U	
EPD-WA-03-102323	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.1	2.3	UG/M3	2.3 U	
EPD-WA-03-102323	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.078	0.68	UG/M3	0.68 U	
EPD-WA-03-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.18	0.67	UG/M3	0.67 U	
EPD-WA-03-102323	TO-15	98-82-8	CUMENE	0.73 U		0.067	0.73	UG/M3	0.73 U	
EPD-WA-03-102323	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.43	2.5	UG/M3	2.5 U	
EPD-WA-03-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.18	1.3	UG/M3	1.3 U	
EPD-WA-03-102323	TO-15	64-17-5	ETHANOL	2 J		0.71	5.6	UG/M3	2.0 J	
EPD-WA-03-102323	TO-15	75-69-4	FREON 11	1.4		0.12	0.83	UG/M3	1.4	
EPD-WA-03-102323	TO-15	76-13-1	FREON 113	0.55 J		0.12	1.1	UG/M3	0.55 J	
EPD-WA-03-102323	TO-15	142-82-5	HEPTANE	3 U		0.42	3	UG/M3	3.0 U	
EPD-WA-03-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		0.52	7.9	UG/M3	7.9 U	
EPD-WA-03-102323	TO-15	110-54-3	HEXANE	0.29 J		0.24	2.6	UG/M3	0.29 J	
EPD-WA-03-102323	TO-15	75-09-2	METHYLENE CHLORIDE	0.38 J		0.32	1	UG/M3	0.38 J	
EPD-WA-03-102323	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.17	0.73	UG/M3	0.73 U	
EPD-WA-03-102323	TO-15	100-42-5	STYRENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-03-102323	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.37	2.2	UG/M3	2.2 U	
EPD-WA-03-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-03-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-102323	TO-15	NA	UNKNOWN TIC	0.86 J				PPBV	0.86 J	
EPD-WA-03-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-03-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.086	0.2	UG/M3	0.20 U	
EPD-WA-03-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.056	0.16	UG/M3	0.16 U	
EPD-WA-03-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.023 J		0.017	0.12	UG/M3	0.023 J	
EPD-WA-03-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.022	0.059	UG/M3	0.059 U	
EPD-WA-03-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.08	0.23	UG/M3	0.23 U	
EPD-WA-03-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.064 J		0.03	0.12	UG/M3	0.064 J	
EPD-WA-03-102323	TO-15 SIM	106-46-7	1,4-DICHLOROENZENE	0.18 U		0.063	0.18	UG/M3	0.18 U	
EPD-WA-03-102323	TO-15 SIM	71-43-2	BENZENE	0.54		0.027	0.24	UG/M3	0.54	
EPD-WA-03-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.04	0.19	UG/M3	0.47	
EPD-WA-03-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.08 J		0.021	0.14	UG/M3	0.080 J	
EPD-WA-03-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.76 J		0.31	1.5	UG/M3	0.76 J	
EPD-WA-03-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-03-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.072 J		0.012	0.13	UG/M3	0.072 J	
EPD-WA-03-102323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.017	0.21	UG/M3	0.12 J	
EPD-WA-03-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.027	0.36	UG/M3	2.4	
EPD-WA-03-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23 J		0.0078	0.26	UG/M3	0.23 J	
EPD-WA-03-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.014	0.53	UG/M3	0.53 U	
EPD-WA-03-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.11	0.39	UG/M3	0.39 U	
EPD-WA-03-102323	TO-15 SIM	95-47-6	O-XYLENE	0.087 J		0.011	0.13	UG/M3	0.087 J	
EPD-WA-03-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-WA-03-102323	TO-15 SIM	108-88-3	TOLUENE	0.59		0.014	0.28	UG/M3	0.59	
EPD-WA-03-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	2.5		0.013	0.59	UG/M3	2.5	
EPD-WA-03-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-03-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.011	0.038	UG/M3	0.038 U	
EPD-WA-04-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.8 U		1	4.8	UG/M3	4.8 U	
EPD-WA-04-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.39 J		0.15	0.63	UG/M3	0.39 J	
EPD-WA-04-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.78 U		0.12	0.78	UG/M3	0.78 U	
EPD-WA-04-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-WA-04-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.14 J		0.13	0.63	UG/M3	0.14 J	
EPD-WA-04-102323	TO-15	106-99-0	1,3-BUTADIENE	0.28 U		0.039	0.28	UG/M3	0.28 U	
EPD-WA-04-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.78 U		0.077	0.78	UG/M3	0.78 U	
EPD-WA-04-102323	TO-15	123-91-1	1,4-DIOXANE	0.46 U		0.067	0.46	UG/M3	0.46 U	
EPD-WA-04-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.56 J		0.2	3	UG/M3	0.56 J	
EPD-WA-04-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.9 U		0.32	1.9	UG/M3	1.9 U	
EPD-WA-04-102323	TO-15	591-78-6	2-HEXANONE	2.6 U		0.5	2.6	UG/M3	2.6 U	
EPD-WA-04-102323	TO-15	67-63-0	2-PROPANOL	6.3 U		0.15	6.3	UG/M3	6.3 U	
EPD-WA-04-102323	TO-15	107-05-1	3-CHLOROPROPENE	2 U		0.18	2	UG/M3	2.0 U	
EPD-WA-04-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.15 J		0.11	0.63	UG/M3	0.15 J	
EPD-WA-04-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.53 U		0.16	0.53	UG/M3	0.53 U	
EPD-WA-04-102323	TO-15	67-64-1	ACETONE	2.9 J		0.46	6.1	UG/M3	6.1 U	
EPD-WA-04-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.67 U		0.19	0.67	UG/M3	0.67 U	
EPD-WA-04-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.86 U		0.11	0.86	UG/M3	0.86 U	
EPD-WA-04-102323	TO-15	75-25-2	BROMOFORM	1.3 U		0.13	1.3	UG/M3	1.3 U	
EPD-WA-04-102323	TO-15	74-83-9	BROMOMETHANE	25 U		1.2	25	UG/M3	25 U	
EPD-WA-04-102323	TO-15	75-15-0	CARBON DISULFIDE	2 U		0.089	2	UG/M3	2.0 U	
EPD-WA-04-102323	TO-15	108-90-7	CHLOROBENZENE	0.59 U		0.068	0.59	UG/M3	0.59 U	
EPD-WA-04-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.58 U		0.16	0.58	UG/M3	0.58 U	
EPD-WA-04-102323	TO-15	98-82-8	CUMENE	0.63 U		0.058	0.63	UG/M3	0.63 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-102323	TO-15	110-82-7	CYCLOHEXANE	2.2 U		0.37	2.2	UG/M3	2.2 U	
EPD-WA-04-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1 U		0.16	1.1	UG/M3	1.1 U	
EPD-WA-04-102323	TO-15	64-17-5	ETHANOL	2.9 J		0.62	4.9	UG/M3	2.9 J	
EPD-WA-04-102323	TO-15	75-69-4	FREON 11	1.3		0.11	0.72	UG/M3	1.3	
EPD-WA-04-102323	TO-15	76-13-1	FREON 113	0.59 J		0.1	0.99	UG/M3	0.59 J	
EPD-WA-04-102323	TO-15	142-82-5	HEPTANE	2.6 U		0.37	2.6	UG/M3	2.6 U	
EPD-WA-04-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	6.9 U		0.45	6.9	UG/M3	6.9 U	
EPD-WA-04-102323	TO-15	110-54-3	HEXANE	0.62 J		0.2	2.3	UG/M3	0.62 J	
EPD-WA-04-102323	TO-15	75-09-2	METHYLENE CHLORIDE	0.31 J		0.28	0.9	UG/M3	0.31 J	
EPD-WA-04-102323	TO-15	103-65-1	PROPYLBENZENE	0.63 U		0.15	0.63	UG/M3	0.63 U	
EPD-WA-04-102323	TO-15	100-42-5	STYRENE	0.55 U		0.089	0.55	UG/M3	0.55 U	
EPD-WA-04-102323	TO-15	109-99-9	TETRAHYDROFURAN	1.9 U		0.32	1.9	UG/M3	1.9 U	
EPD-WA-04-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.58 U		0.12	0.58	UG/M3	0.58 U	
EPD-WA-04-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-102323	TO-15	106-97-8	BUTANE	0.75 NJ				PPBV	0.75 NJ	
EPD-WA-04-102323	TO-15	78-78-4	BUTANE, 2-METHYL-	0.72 NJ				PPBV	0.72 NJ	
EPD-WA-04-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14 U		0.018	0.14	UG/M3	0.14 U	
EPD-WA-04-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18 U		0.075	0.18	UG/M3	0.18 U	
EPD-WA-04-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14 U		0.048	0.14	UG/M3	0.14 U	
EPD-WA-04-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.1 U		0.015	0.1	UG/M3	0.10 U	
EPD-WA-04-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.051 U		0.02	0.051	UG/M3	0.051 U	
EPD-WA-04-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2 U		0.07	0.2	UG/M3	0.20 U	
EPD-WA-04-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.059 J		0.027	0.1	UG/M3	0.059 J	
EPD-WA-04-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 U		0.055	0.16	UG/M3	0.16 U	
EPD-WA-04-102323	TO-15 SIM	71-43-2	BENZENE	0.78		0.023	0.21	UG/M3	0.78	
EPD-WA-04-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.034	0.16	UG/M3	0.47	
EPD-WA-04-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.17 U		0.019	0.17	UG/M3	0.17 U	
EPD-WA-04-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.076 J		0.018	0.12	UG/M3	0.076 J	
EPD-WA-04-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.74 J		0.27	1.3	UG/M3	0.74 J	
EPD-WA-04-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1 U		0.0095	0.1	UG/M3	0.10 U	
EPD-WA-04-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.18		0.011	0.11	UG/M3	0.18	
EPD-WA-04-102323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.015	0.18	UG/M3	0.12 J	
EPD-WA-04-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.023	0.32	UG/M3	2.4	
EPD-WA-04-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.59		0.0068	0.22	UG/M3	0.59	
EPD-WA-04-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.46 U		0.013	0.46	UG/M3	0.46 U	
EPD-WA-04-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.34 U		0.098	0.34	UG/M3	0.34 U	
EPD-WA-04-102323	TO-15 SIM	95-47-6	O-XYLENE	0.22		0.0095	0.11	UG/M3	0.22	
EPD-WA-04-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 U		0.096	0.18	UG/M3	0.18 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-102323	TO-15 SIM	108-88-3	TOLUENE	1.1		0.012	0.24	UG/M3	1.1	
EPD-WA-04-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.51 U		0.012	0.51	UG/M3	0.51 U	
EPD-WA-04-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14 U		0.019	0.14	UG/M3	0.14 U	
EPD-WA-04-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.033 U		0.0096	0.033	UG/M3	0.033 U	
EPD-WA-05-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5 U		1.1	5	UG/M3	5.0 U	
EPD-WA-05-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19 J		0.16	0.66	UG/M3	0.19 J	
EPD-WA-05-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.8 U		0.13	0.8	UG/M3	0.80 U	
EPD-WA-05-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62 U		0.13	0.62	UG/M3	0.62 U	
EPD-WA-05-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-05-102323	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.041	0.3	UG/M3	0.30 U	
EPD-WA-05-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.8 U		0.08	0.8	UG/M3	0.80 U	
EPD-WA-05-102323	TO-15	123-91-1	1,4-DIOXANE	0.48 U		0.07	0.48	UG/M3	0.48 U	
EPD-WA-05-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.29 J		0.2	3.1	UG/M3	0.29 J	
EPD-WA-05-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2 U		0.34	2	UG/M3	2.0 U	
EPD-WA-05-102323	TO-15	591-78-6	2-HEXANONE	2.7 U		0.52	2.7	UG/M3	2.7 U	
EPD-WA-05-102323	TO-15	67-63-0	2-PROPANOL	6.6 U		0.16	6.6	UG/M3	6.6 U	
EPD-WA-05-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		0.18	2.1	UG/M3	2.1 U	
EPD-WA-05-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.19 J		0.11	0.66	UG/M3	0.19 J	
EPD-WA-05-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.55 U		0.17	0.55	UG/M3	0.55 U	
EPD-WA-05-102323	TO-15	67-64-1	ACETONE	2.6 J		0.48	6.4	UG/M3	6.4 U	
EPD-WA-05-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69 U		0.2	0.69	UG/M3	0.69 U	
EPD-WA-05-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.9 U		0.11	0.9	UG/M3	0.90 U	
EPD-WA-05-102323	TO-15	75-25-2	BROMOFORM	1.4 U		0.13	1.4	UG/M3	1.4 U	
EPD-WA-05-102323	TO-15	74-83-9	BROMOMETHANE	26 U		1.2	26	UG/M3	26 U	
EPD-WA-05-102323	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.092	2.1	UG/M3	2.1 U	
EPD-WA-05-102323	TO-15	108-90-7	CHLOROBENZENE	0.62 U		0.071	0.62	UG/M3	0.62 U	
EPD-WA-05-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61 U		0.16	0.61	UG/M3	0.61 U	
EPD-WA-05-102323	TO-15	98-82-8	CUMENE	0.66 U		0.061	0.66	UG/M3	0.66 U	
EPD-WA-05-102323	TO-15	110-82-7	CYCLOHEXANE	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-WA-05-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1 U		0.17	1.1	UG/M3	1.1 U	
EPD-WA-05-102323	TO-15	64-17-5	ETHANOL	3 J		0.64	5	UG/M3	3.0 J	
EPD-WA-05-102323	TO-15	75-69-4	FREON 11	1.3		0.11	0.75	UG/M3	1.3	
EPD-WA-05-102323	TO-15	76-13-1	FREON 113	0.51 J		0.1	1	UG/M3	0.51 J	
EPD-WA-05-102323	TO-15	142-82-5	HEPTANE	2.7 U		0.38	2.7	UG/M3	2.7 U	
EPD-WA-05-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1 U		0.47	7.1	UG/M3	7.1 U	
EPD-WA-05-102323	TO-15	110-54-3	HEXANE	0.32 J		0.21	2.4	UG/M3	0.32 J	
EPD-WA-05-102323	TO-15	75-09-2	METHYLENE CHLORIDE	0.38 J		0.29	0.93	UG/M3	0.38 J	
EPD-WA-05-102323	TO-15	103-65-1	PROPYLBENZENE	0.66 U		0.15	0.66	UG/M3	0.66 U	
EPD-WA-05-102323	TO-15	100-42-5	STYRENE	0.57 U		0.093	0.57	UG/M3	0.57 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-102323	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.33	2	UG/M3	2.0 U	
EPD-WA-05-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-05-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-05-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18 U		0.078	0.18	UG/M3	0.18 U	
EPD-WA-05-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.05	0.15	UG/M3	0.15 U	
EPD-WA-05-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.015	0.11	UG/M3	0.11 U	
EPD-WA-05-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053 U		0.02	0.053	UG/M3	0.053 U	
EPD-WA-05-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2 U		0.072	0.2	UG/M3	0.20 U	
EPD-WA-05-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.064 J		0.028	0.11	UG/M3	0.064 J	
EPD-WA-05-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 U		0.057	0.16	UG/M3	0.16 U	
EPD-WA-05-102323	TO-15 SIM	71-43-2	BENZENE	0.61		0.024	0.21	UG/M3	0.61	
EPD-WA-05-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.036	0.17	UG/M3	0.50	
EPD-WA-05-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.019	0.18	UG/M3	0.18 U	
EPD-WA-05-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.077 J		0.019	0.13	UG/M3	0.077 J	
EPD-WA-05-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.78 J		0.28	1.4	UG/M3	0.78 J	
EPD-WA-05-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0098	0.11	UG/M3	0.11 U	
EPD-WA-05-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.011	0.12	UG/M3	0.16	
EPD-WA-05-102323	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.015	0.19	UG/M3	0.13 J	
EPD-WA-05-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.024	0.33	UG/M3	2.4	
EPD-WA-05-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.58		0.0071	0.23	UG/M3	0.58	
EPD-WA-05-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48 U		0.013	0.48	UG/M3	0.48 U	
EPD-WA-05-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.35 U		0.1	0.35	UG/M3	0.35 U	
EPD-WA-05-102323	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.0099	0.12	UG/M3	0.19	
EPD-WA-05-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 U		0.1	0.18	UG/M3	0.18 U	
EPD-WA-05-102323	TO-15 SIM	108-88-3	TOLUENE	1.3		0.013	0.25	UG/M3	1.3	
EPD-WA-05-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.53 U		0.012	0.53	UG/M3	0.53 U	
EPD-WA-05-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14 U		0.02	0.14	UG/M3	0.14 U	
EPD-WA-05-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034 U		0.0099	0.034	UG/M3	0.034 U	
EPD-WA-06-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.3	5.8	UG/M3	5.8 U	
EPD-WA-06-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-WA-06-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93 U		0.15	0.93	UG/M3	0.93 U	
EPD-WA-06-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-WA-06-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.15	0.76	UG/M3	0.76 U	
EPD-WA-06-102323	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.047	0.34	UG/M3	0.34 U	
EPD-WA-06-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93 U		0.093	0.93	UG/M3	0.93 U	
EPD-WA-06-102323	TO-15	123-91-1	1,4-DIOXANE	0.56 U		0.081	0.56	UG/M3	0.56 U	
EPD-WA-06-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.33 J		0.24	3.6	UG/M3	0.33 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-WA-06-102323	TO-15	591-78-6	2-HEXANONE	3.2 U		0.6	3.2	UG/M3	3.2 U	
EPD-WA-06-102323	TO-15	67-63-0	2-PROPANOL	7.6 U		0.18	7.6	UG/M3	7.6 U	
EPD-WA-06-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.21	2.4	UG/M3	2.4 U	
EPD-WA-06-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.13	0.76	UG/M3	0.76 U	
EPD-WA-06-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-WA-06-102323	TO-15	67-64-1	ACETONE	3 J		0.55	7.4	UG/M3	7.4 U	
EPD-WA-06-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.23	0.8	UG/M3	0.80 U	
EPD-WA-06-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-06-102323	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-WA-06-102323	TO-15	74-83-9	BROMOMETHANE	30 U		1.4	30	UG/M3	30 U	
EPD-WA-06-102323	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.11	2.4	UG/M3	2.4 U	
EPD-WA-06-102323	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.082	0.71	UG/M3	0.71 U	
EPD-WA-06-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-06-102323	TO-15	98-82-8	CUMENE	0.76 U		0.07	0.76	UG/M3	0.76 U	
EPD-WA-06-102323	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45	2.7	UG/M3	2.7 U	
EPD-WA-06-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-WA-06-102323	TO-15	64-17-5	ETHANOL	1.8 J		0.74	5.8	UG/M3	1.8 J	
EPD-WA-06-102323	TO-15	75-69-4	FREON 11	1.4		0.13	0.87	UG/M3	1.4	
EPD-WA-06-102323	TO-15	76-13-1	FREON 113	0.61 J		0.12	1.2	UG/M3	0.61 J	
EPD-WA-06-102323	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-WA-06-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.54	8.3	UG/M3	8.3 U	
EPD-WA-06-102323	TO-15	110-54-3	HEXANE	0.39 J		0.25	2.7	UG/M3	0.39 J	
EPD-WA-06-102323	TO-15	75-09-2	METHYLENE CHLORIDE	0.34 J		0.34	1.1	UG/M3	0.34 J	
EPD-WA-06-102323	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-WA-06-102323	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-06-102323	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-WA-06-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-06-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	
EPD-WA-06-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-WA-06-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-WA-06-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-WA-06-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-WA-06-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.084	0.24	UG/M3	0.24 U	
EPD-WA-06-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.066 J		0.032	0.12	UG/M3	0.066 J	
EPD-WA-06-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.066	0.19	UG/M3	0.19 U	
EPD-WA-06-102323	TO-15 SIM	71-43-2	BENZENE	0.73		0.028	0.25	UG/M3	0.73	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.041	0.2	UG/M3	0.44	
EPD-WA-06-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-06-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.073	J	0.022	0.15	UG/M3	0.073	J
EPD-WA-06-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.74	J	0.32	1.6	UG/M3	0.74	J
EPD-WA-06-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-06-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.096	J	0.013	0.13	UG/M3	0.096	J
EPD-WA-06-102323	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.018	0.22	UG/M3	0.12	J
EPD-WA-06-102323	TO-15 SIM	75-71-8	FREON 12	2.3		0.028	0.38	UG/M3	2.3	
EPD-WA-06-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.31		0.0082	0.27	UG/M3	0.31	
EPD-WA-06-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-WA-06-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	0.12	0.41	UG/M3	0.41	U
EPD-WA-06-102323	TO-15 SIM	95-47-6	O-XYLENE	0.12	J	0.011	0.13	UG/M3	0.12	J
EPD-WA-06-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-WA-06-102323	TO-15 SIM	108-88-3	TOLUENE	0.69		0.015	0.29	UG/M3	0.69	
EPD-WA-06-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.014	0.61	UG/M3	0.61	U
EPD-WA-06-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-06-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.011	0.04	UG/M3	0.040	U
EPD-WA-11-102323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-WA-11-102323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.2	J	0.18	0.76	UG/M3	0.20	J
EPD-WA-11-102323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93	U	0.15	0.93	UG/M3	0.93	U
EPD-WA-11-102323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-11-102323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-WA-11-102323	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U
EPD-WA-11-102323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93	U	0.093	0.93	UG/M3	0.93	U
EPD-WA-11-102323	TO-15	123-91-1	1,4-DIOXANE	0.56	U	0.081	0.56	UG/M3	0.56	U
EPD-WA-11-102323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.32	J	0.24	3.6	UG/M3	0.32	J
EPD-WA-11-102323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.49	J	0.39	2.3	UG/M3	0.49	J
EPD-WA-11-102323	TO-15	591-78-6	2-HEXANONE	3.2	U	0.6	3.2	UG/M3	3.2	U
EPD-WA-11-102323	TO-15	67-63-0	2-PROPANOL	7.6	U	0.18	7.6	UG/M3	7.6	U
EPD-WA-11-102323	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-WA-11-102323	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.13	0.76	UG/M3	0.16	J
EPD-WA-11-102323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.19	0.63	UG/M3	0.63	U
EPD-WA-11-102323	TO-15	67-64-1	ACETONE	5.6	J	0.55	7.4	UG/M3	7.4	U
EPD-WA-11-102323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	0.23	0.8	UG/M3	0.80	U
EPD-WA-11-102323	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-11-102323	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-11-102323	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-11-102323	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-11-102323	TO-15	108-90-7	CHLOROBENZENE	0.71	U	0.082	0.71	UG/M3	0.71	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-11-102323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-11-102323	TO-15	98-82-8	CUMENE	0.76 U		0.07	0.76	UG/M3	0.76 U	
EPD-WA-11-102323	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45	2.7	UG/M3	2.7 U	
EPD-WA-11-102323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-WA-11-102323	TO-15	64-17-5	ETHANOL	7.7		0.74	5.8	UG/M3	7.7	
EPD-WA-11-102323	TO-15	75-69-4	FREON 11	1.4		0.13	0.87	UG/M3	1.4	
EPD-WA-11-102323	TO-15	76-13-1	FREON 113	0.53 J		0.12	1.2	UG/M3	0.53 J	
EPD-WA-11-102323	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-WA-11-102323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.54	8.3	UG/M3	8.3 U	
EPD-WA-11-102323	TO-15	110-54-3	HEXANE	0.34 J		0.25	2.7	UG/M3	0.34 J	
EPD-WA-11-102323	TO-15	75-09-2	METHYLENE CHLORIDE	1.1 U		0.34	1.1	UG/M3	1.1 U	
EPD-WA-11-102323	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-WA-11-102323	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-11-102323	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-WA-11-102323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-11-102323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-11-102323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-11-102323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	
EPD-WA-11-102323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-WA-11-102323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-WA-11-102323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-WA-11-102323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-WA-11-102323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.084	0.24	UG/M3	0.24 U	
EPD-WA-11-102323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.063 J		0.032	0.12	UG/M3	0.063 J	
EPD-WA-11-102323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.066	0.19	UG/M3	0.19 U	
EPD-WA-11-102323	TO-15 SIM	71-43-2	BENZENE	0.63		0.028	0.25	UG/M3	0.63	
EPD-WA-11-102323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.041	0.2	UG/M3	0.47	
EPD-WA-11-102323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-WA-11-102323	TO-15 SIM	67-66-3	CHLOROFORM	0.077 J		0.022	0.15	UG/M3	0.077 J	
EPD-WA-11-102323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.78 J		0.32	1.6	UG/M3	0.78 J	
EPD-WA-11-102323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-11-102323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.013	0.13	UG/M3	0.10 J	
EPD-WA-11-102323	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.018	0.22	UG/M3	0.13 J	
EPD-WA-11-102323	TO-15 SIM	75-71-8	FREON 12	2.4		0.028	0.38	UG/M3	2.4	
EPD-WA-11-102323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.34		0.0082	0.27	UG/M3	0.34	
EPD-WA-11-102323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.015	0.56	UG/M3	0.56 U	
EPD-WA-11-102323	TO-15 SIM	91-20-3	NAPHTHALENE	0.41 U		0.12	0.41	UG/M3	0.41 U	
EPD-WA-11-102323	TO-15 SIM	95-47-6	O-XYLENE	0.13 J		0.011	0.13	UG/M3	0.13 J	
EPD-WA-11-102323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.12	0.21	UG/M3	0.21 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310543

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-11-102323	TO-15 SIM	108-88-3	TOLUENE	0.77		0.015	0.29	UG/M3	0.77	
EPD-WA-11-102323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.058 J		0.014	0.61	UG/M3	0.058 J	
EPD-WA-11-102323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.023	0.17	UG/M3	0.17 U	
EPD-WA-11-102323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.011	0.04	UG/M3	0.040 U	

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2299b		
Laboratory Report No.	2310544AA	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Five air samples		
Collection Date(s)	10/22/2023		
Field Duplicate Pairs	None		
Field QC Blanks	None		

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 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan (QAPP), East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio*, Revision 3 (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

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

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/LCS duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided the COC form separately and the LCS/LCSD RPDs were included in the Level IV laboratory report. No qualifications were applied. Sample EPD-WA-05-102223 was voided due to damage during collection.

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	<p>The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The laboratory report receiving notes case narrative states "Samples EPD-DW-C-102223, EPD-UW-G-102223 and EPD-WA-03-102223 were not received at Eurofin Air Toxics, LLC on 10/24/2023 despite notation on the COC. The samples were subsequently received on 10/25/2023 and were added to the analytical request." The laboratory reported the results received on 10/25/2023 separately. No qualifications were applied.</p>

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2310544A-07B): Benzene and naphthalene were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All benzene sample results were greater than ten times the blank value; therefore, no qualifications were necessary. All naphthalene sample results were nondetect; therefore, no qualifications were necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

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

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	The site-specific QAPP specifies the collection of 1 field duplicate sample per 10 samples. However, fewer than 1 field duplicate sample per 10 samples are included in this sample delivery group. No qualifications were applied based on professional judgement.

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2310544A-09A/2310544A-09AA): The percent recoveries of 1,2,4-trichlorobenzene and hexachlorobutadiene were below the site-specific QAPP acceptance criteria in the LCS and LCSD. All 1,2,4-trichlorobenzene and hexachlorobutadiene sample results were qualified as estimated with possible low bias (flagged UJ).</p> <p>TO-15 scan (2310544A-09B/2310544A-09BB): The percent recoveries of 1,4-dichlorobenzene in the LCS and LCSD and naphthalene in the LCS exceeded the site-specific QAPP acceptance criteria. All 1,4-dichlorobenzene sample results were qualified by the laboratory as estimated (flagged UJ); therefore, no further qualifications were applied. The average percent recovery of LCS and LCSD was within acceptance criteria; therefore, no qualifications were necessary.</p>

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

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.47 to 1.66. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified known TICs as tentatively identified (flagged NJ). The laboratory qualified unknown TICs as estimated (flagged J). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	CCV 2310544A-08B had low percent recovery of 1,4-dichlorobenzene. All 1,4-dichlorobenzene sample results were qualified by the laboratory as estimated (flagged UJ). No further qualifications were applied.

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 a list of qualifiers and 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 and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
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 considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-102223	TO-15	120-82-1	1,2,4-TRICHLORO BENZENE	6.2	U	3.3	6.2	UG/M3	6.2	UJ
EPD-WA-01-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.82	U	0.22	0.82	UG/M3	0.82	U
EPD-WA-01-102223	TO-15	95-50-1	1,2-DICHLORO BENZENE	1	U	0.2	1	UG/M3	1.0	U
EPD-WA-01-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.77	U	0.24	0.77	UG/M3	0.77	U
EPD-WA-01-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.82	U	0.2	0.82	UG/M3	0.82	U
EPD-WA-01-102223	TO-15	106-99-0	1,3-BUTADIENE	0.37	U	0.15	0.37	UG/M3	0.37	U
EPD-WA-01-102223	TO-15	541-73-1	1,3-DICHLORO BENZENE	1	U	0.22	1	UG/M3	1.0	U
EPD-WA-01-102223	TO-15	123-91-1	1,4-DIOXANE	0.6	U	0.17	0.6	UG/M3	0.60	U
EPD-WA-01-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.9	U	1.2	3.9	UG/M3	3.9	U
EPD-WA-01-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.4	U	0.24	2.4	UG/M3	2.4	U
EPD-WA-01-102223	TO-15	591-78-6	2-HEXANONE	3.4	U	0.76	3.4	UG/M3	3.4	U
EPD-WA-01-102223	TO-15	67-63-0	2-PROPANOL	8.2	U	0.62	8.2	UG/M3	8.2	U
EPD-WA-01-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.6	U	0.72	2.6	UG/M3	2.6	U
EPD-WA-01-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.82	U	0.23	0.82	UG/M3	0.82	U
EPD-WA-01-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.68	U	0.13	0.68	UG/M3	0.68	U
EPD-WA-01-102223	TO-15	67-64-1	ACETONE	3.2	J	1.8	7.9	UG/M3	3.2	J
EPD-WA-01-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.86	U	0.2	0.86	UG/M3	0.86	U
EPD-WA-01-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1	U	0.24	1.1	UG/M3	1.1	U
EPD-WA-01-102223	TO-15	75-25-2	BROMOFORM	1.7	U	0.31	1.7	UG/M3	1.7	U
EPD-WA-01-102223	TO-15	74-83-9	BROMOMETHANE	32	U	1.8	32	UG/M3	32	U
EPD-WA-01-102223	TO-15	75-15-0	CARBON DISULFIDE	2.6	U	2.4	2.6	UG/M3	2.6	U
EPD-WA-01-102223	TO-15	108-90-7	CHLORO BENZENE	0.76	U	0.21	0.76	UG/M3	0.76	U
EPD-WA-01-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.75	U	0.13	0.75	UG/M3	0.75	U
EPD-WA-01-102223	TO-15	98-82-8	CUMENE	0.82	U	0.3	0.82	UG/M3	0.82	U
EPD-WA-01-102223	TO-15	110-82-7	CYCLOHEXANE	2.8	U	0.56	2.8	UG/M3	2.8	U
EPD-WA-01-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4	U	0.23	1.4	UG/M3	1.4	U
EPD-WA-01-102223	TO-15	64-17-5	ETHANOL	4.7	J	0.66	6.2	UG/M3	4.7	J
EPD-WA-01-102223	TO-15	75-69-4	FREON 11	1		0.15	0.93	UG/M3	1.0	
EPD-WA-01-102223	TO-15	76-13-1	FREON 113	0.44	J	0.24	1.3	UG/M3	0.44	J
EPD-WA-01-102223	TO-15	142-82-5	HEPTANE	3.4	U	0.52	3.4	UG/M3	3.4	U
EPD-WA-01-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.8	U	2	8.8	UG/M3	8.8	UJ
EPD-WA-01-102223	TO-15	110-54-3	HEXANE	2.9	U	0.7	2.9	UG/M3	2.9	U
EPD-WA-01-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.26	J	0.26	1.2	UG/M3	0.26	J
EPD-WA-01-102223	TO-15	103-65-1	PROPYLBENZENE	0.82	U	0.24	0.82	UG/M3	0.82	U
EPD-WA-01-102223	TO-15	100-42-5	STYRENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-01-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.4	U	2.3	2.4	UG/M3	2.4	U
EPD-WA-01-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.75	U	0.22	0.75	UG/M3	0.75	U
EPD-WA-01-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18	U	0.035	0.18	UG/M3	0.18	U
EPD-WA-01-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.23	U	0.059	0.23	UG/M3	0.23	U
EPD-WA-01-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18	U	0.021	0.18	UG/M3	0.18	U
EPD-WA-01-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.024	0.13	UG/M3	0.13	U
EPD-WA-01-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.066	U	0.033	0.066	UG/M3	0.066	U
EPD-WA-01-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26	U	0.042	0.26	UG/M3	0.26	U
EPD-WA-01-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.058	J	0.0095	0.13	UG/M3	0.058	J
EPD-WA-01-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2	UJ	0.072	0.2	UG/M3	0.20	UJ
EPD-WA-01-102223	TO-15 SIM	71-43-2	BENZENE	0.4		0.021	0.26	UG/M3	0.40	
EPD-WA-01-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.05	0.21	UG/M3	0.39	
EPD-WA-01-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.22	U	0.044	0.22	UG/M3	0.22	U
EPD-WA-01-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.027	0.16	UG/M3	0.071	J
EPD-WA-01-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82	J	0.3	1.7	UG/M3	0.82	J
EPD-WA-01-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13	U	0.031	0.13	UG/M3	0.13	U
EPD-WA-01-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.06	J	0.032	0.14	UG/M3	0.060	J
EPD-WA-01-102223	TO-15 SIM	76-14-2	FREON 114	0.099	J	0.075	0.23	UG/M3	0.099	J
EPD-WA-01-102223	TO-15 SIM	75-71-8	FREON 12	2		0.043	0.41	UG/M3	2.0	
EPD-WA-01-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.18	J	0.041	0.29	UG/M3	0.18	J
EPD-WA-01-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.6	U	0.036	0.6	UG/M3	0.60	U
EPD-WA-01-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.44	U	0.046	0.44	UG/M3	0.44	U
EPD-WA-01-102223	TO-15 SIM	95-47-6	O-XYLENE	0.069	J	0.042	0.14	UG/M3	0.069	J
EPD-WA-01-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.22	U	0.03	0.22	UG/M3	0.22	U
EPD-WA-01-102223	TO-15 SIM	108-88-3	TOLUENE	0.5		0.044	0.31	UG/M3	0.50	
EPD-WA-01-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.66	U	0.032	0.66	UG/M3	0.66	U
EPD-WA-01-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.18	U	0.014	0.18	UG/M3	0.18	U
EPD-WA-01-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.042	U	0.017	0.042	UG/M3	0.042	U
EPD-WA-02-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	3.1	5.7	UG/M3	5.7	UJ
EPD-WA-02-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76	U	0.2	0.76	UG/M3	0.76	U
EPD-WA-02-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	0.18	0.92	UG/M3	0.92	U
EPD-WA-02-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	0.22	0.71	UG/M3	0.71	U
EPD-WA-02-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.19	0.76	UG/M3	0.76	U
EPD-WA-02-102223	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.14	0.34	UG/M3	0.34	U
EPD-WA-02-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	0.2	0.92	UG/M3	0.92	U
EPD-WA-02-102223	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.16	0.55	UG/M3	0.55	U
EPD-WA-02-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	1.1	3.6	UG/M3	3.6	U
EPD-WA-02-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.34	J	0.23	2.3	UG/M3	0.34	J
EPD-WA-02-102223	TO-15	591-78-6	2-HEXANONE	3.2	U	0.71	3.2	UG/M3	3.2	U
EPD-WA-02-102223	TO-15	67-63-0	2-PROPANOL	0.61	J	0.58	7.6	UG/M3	0.61	J
EPD-WA-02-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.66	2.4	UG/M3	2.4	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.76	U	0.21	0.76	UG/M3	0.76	U
EPD-WA-02-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.12	0.63	UG/M3	0.63	U
EPD-WA-02-102223	TO-15	67-64-1	ACETONE	6.1	J	1.6	7.3	UG/M3	6.1	J
EPD-WA-02-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	0.18	0.8	UG/M3	0.80	U
EPD-WA-02-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.22	1	UG/M3	1.0	U
EPD-WA-02-102223	TO-15	75-25-2	BROMOFORM	1.6	U	0.29	1.6	UG/M3	1.6	U
EPD-WA-02-102223	TO-15	74-83-9	BROMOMETHANE	30	U	1.7	30	UG/M3	30	U
EPD-WA-02-102223	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	2.3	2.4	UG/M3	2.4	U
EPD-WA-02-102223	TO-15	108-90-7	CHLOROBENZENE	0.71	U	0.2	0.71	UG/M3	0.71	U
EPD-WA-02-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U	0.12	0.7	UG/M3	0.70	U
EPD-WA-02-102223	TO-15	98-82-8	CUMENE	0.76	U	0.28	0.76	UG/M3	0.76	U
EPD-WA-02-102223	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.52	2.6	UG/M3	2.6	U
EPD-WA-02-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3	1.3	U
EPD-WA-02-102223	TO-15	64-17-5	ETHANOL	1.4	J	0.61	5.8	UG/M3	1.4	J
EPD-WA-02-102223	TO-15	75-69-4	FREON 11	1.2		0.14	0.86	UG/M3	1.2	
EPD-WA-02-102223	TO-15	76-13-1	FREON 113	0.38	J	0.22	1.2	UG/M3	0.38	J
EPD-WA-02-102223	TO-15	142-82-5	HEPTANE	3.2	U	0.48	3.2	UG/M3	3.2	U
EPD-WA-02-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	1.9	8.2	UG/M3	8.2	UJ
EPD-WA-02-102223	TO-15	110-54-3	HEXANE	2.7	U	0.65	2.7	UG/M3	2.7	U
EPD-WA-02-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.31	J	0.24	1.1	UG/M3	0.31	J
EPD-WA-02-102223	TO-15	103-65-1	PROPYLBENZENE	0.76	U	0.23	0.76	UG/M3	0.76	U
EPD-WA-02-102223	TO-15	100-42-5	STYRENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-02-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	2.1	2.3	UG/M3	2.3	U
EPD-WA-02-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	0.21	0.7	UG/M3	0.70	U
EPD-WA-02-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.033	0.17	UG/M3	0.17	U
EPD-WA-02-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.055	0.21	UG/M3	0.21	U
EPD-WA-02-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.019	0.17	UG/M3	0.17	U
EPD-WA-02-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3	0.12	U
EPD-WA-02-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.03	0.061	UG/M3	0.061	U
EPD-WA-02-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.039	0.24	UG/M3	0.24	U
EPD-WA-02-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.064	J	0.0088	0.12	UG/M3	0.064	J
EPD-WA-02-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.066	0.18	UG/M3	0.18	UJ
EPD-WA-02-102223	TO-15 SIM	71-43-2	BENZENE	0.48		0.02	0.24	UG/M3	0.48	
EPD-WA-02-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.046	0.19	UG/M3	0.44	
EPD-WA-02-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.041	0.2	UG/M3	0.20	U
EPD-WA-02-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.082	J	0.025	0.15	UG/M3	0.082	J
EPD-WA-02-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.28	1.6	UG/M3	0.92	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.028	0.12	UG/M3	0.12	U
EPD-WA-02-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.052	J	0.029	0.13	UG/M3	0.052	J
EPD-WA-02-102223	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.07	0.22	UG/M3	0.11	J
EPD-WA-02-102223	TO-15 SIM	75-71-8	FREON 12	2.2		0.04	0.38	UG/M3	2.2	
EPD-WA-02-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14	J	0.038	0.27	UG/M3	0.14	J
EPD-WA-02-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.034	0.56	UG/M3	0.56	U
EPD-WA-02-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.4	U	0.043	0.4	UG/M3	0.40	U
EPD-WA-02-102223	TO-15 SIM	95-47-6	O-XYLENE	0.051	J	0.039	0.13	UG/M3	0.051	J
EPD-WA-02-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.028	0.21	UG/M3	0.21	U
EPD-WA-02-102223	TO-15 SIM	108-88-3	TOLUENE	0.42		0.041	0.29	UG/M3	0.42	
EPD-WA-02-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.029	0.61	UG/M3	0.61	U
EPD-WA-02-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-02-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.016	0.039	UG/M3	0.039	U
EPD-WA-04-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	3	5.6	UG/M3	5.6	UJ
EPD-WA-04-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.75	U	0.2	0.75	UG/M3	0.75	U
EPD-WA-04-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.18	0.91	UG/M3	0.91	U
EPD-WA-04-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.22	0.7	UG/M3	0.70	U
EPD-WA-04-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.18	0.75	UG/M3	0.75	U
EPD-WA-04-102223	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.14	0.34	UG/M3	0.34	U
EPD-WA-04-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.2	0.91	UG/M3	0.91	U
EPD-WA-04-102223	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.16	0.55	UG/M3	0.55	U
EPD-WA-04-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	1	3.6	UG/M3	3.6	U
EPD-WA-04-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.22	2.2	UG/M3	2.2	U
EPD-WA-04-102223	TO-15	591-78-6	2-HEXANONE	3.1	U	0.7	3.1	UG/M3	3.1	U
EPD-WA-04-102223	TO-15	67-63-0	2-PROPANOL	7.5	U	0.57	7.5	UG/M3	7.5	U
EPD-WA-04-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.66	2.4	UG/M3	2.4	U
EPD-WA-04-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.75	U	0.21	0.75	UG/M3	0.75	U
EPD-WA-04-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62	U	0.12	0.62	UG/M3	0.62	U
EPD-WA-04-102223	TO-15	67-64-1	ACETONE	3.2	J	1.6	7.2	UG/M3	3.2	J
EPD-WA-04-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.18	0.79	UG/M3	0.79	U
EPD-WA-04-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.22	1	UG/M3	1.0	U
EPD-WA-04-102223	TO-15	75-25-2	BROMOFORM	1.6	U	0.29	1.6	UG/M3	1.6	U
EPD-WA-04-102223	TO-15	74-83-9	BROMOMETHANE	30	U	1.7	30	UG/M3	30	U
EPD-WA-04-102223	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	2.2	2.4	UG/M3	2.4	U
EPD-WA-04-102223	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-04-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.12	0.69	UG/M3	0.69	U
EPD-WA-04-102223	TO-15	98-82-8	CUMENE	0.75	U	0.27	0.75	UG/M3	0.75	U
EPD-WA-04-102223	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.51	2.6	UG/M3	2.6	U
EPD-WA-04-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3	1.3	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-102223	TO-15	64-17-5	ETHANOL	2.8 J		0.6	5.7	UG/M3	2.8 J	
EPD-WA-04-102223	TO-15	75-69-4	FREON 11	1.1		0.13	0.85	UG/M3	1.1	
EPD-WA-04-102223	TO-15	76-13-1	FREON 113	0.35 J		0.22	1.2	UG/M3	0.35 J	
EPD-WA-04-102223	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3	3.1 U	
EPD-WA-04-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1 U		1.9	8.1	UG/M3	8.1 UJ	
EPD-WA-04-102223	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3	2.7 U	
EPD-WA-04-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.28 J		0.24	1	UG/M3	0.28 J	
EPD-WA-04-102223	TO-15	103-65-1	PROPYLBENZENE	0.75 U		0.22	0.75	UG/M3	0.75 U	
EPD-WA-04-102223	TO-15	100-42-5	STYRENE	0.65 U		0.18	0.65	UG/M3	0.65 U	
EPD-WA-04-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-04-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69 U		0.2	0.69	UG/M3	0.69 U	
EPD-WA-04-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-WA-04-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3	0.21 U	
EPD-WA-04-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-WA-04-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12 U	
EPD-WA-04-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.03	0.06	UG/M3	0.060 U	
EPD-WA-04-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-WA-04-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.065 J		0.0087	0.12	UG/M3	0.065 J	
EPD-WA-04-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 UJ		0.066	0.18	UG/M3	0.18 UJ	
EPD-WA-04-102223	TO-15 SIM	71-43-2	BENZENE	0.53		0.019	0.24	UG/M3	0.53	
EPD-WA-04-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.046	0.19	UG/M3	0.42	
EPD-WA-04-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.041	0.2	UG/M3	0.20 U	
EPD-WA-04-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.075 J		0.024	0.15	UG/M3	0.075 J	
EPD-WA-04-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87 J		0.28	1.6	UG/M3	0.87 J	
EPD-WA-04-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-04-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.06 J		0.029	0.13	UG/M3	0.060 J	
EPD-WA-04-102223	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.069	0.21	UG/M3	0.11 J	
EPD-WA-04-102223	TO-15 SIM	75-71-8	FREON 12	2.1		0.04	0.38	UG/M3	2.1	
EPD-WA-04-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.17 J		0.037	0.26	UG/M3	0.17 J	
EPD-WA-04-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55 U		0.033	0.55	UG/M3	0.55 U	
EPD-WA-04-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.4 U		0.042	0.4	UG/M3	0.40 U	
EPD-WA-04-102223	TO-15 SIM	95-47-6	O-XYLENE	0.07 J		0.038	0.13	UG/M3	0.070 J	
EPD-WA-04-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.027	0.21	UG/M3	0.21 U	
EPD-WA-04-102223	TO-15 SIM	108-88-3	TOLUENE	0.49		0.041	0.29	UG/M3	0.49	
EPD-WA-04-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6 U		0.029	0.6	UG/M3	0.60 U	
EPD-WA-04-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.013	0.16	UG/M3	0.16 U	
EPD-WA-04-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.016	0.039	UG/M3	0.039 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.1 U		3.3	6.1	UG/M3	6.1 UJ	
EPD-WA-06-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.81 U		0.22	0.81	UG/M3	0.81 U	
EPD-WA-06-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.99 U		0.2	0.99	UG/M3	0.99 U	
EPD-WA-06-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.76 U		0.24	0.76	UG/M3	0.76 U	
EPD-WA-06-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.81 U		0.2	0.81	UG/M3	0.81 U	
EPD-WA-06-102223	TO-15	106-99-0	1,3-BUTADIENE	0.36 U		0.15	0.36	UG/M3	0.36 U	
EPD-WA-06-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.99 U		0.22	0.99	UG/M3	0.99 U	
EPD-WA-06-102223	TO-15	123-91-1	1,4-DIOXANE	0.59 U		0.17	0.59	UG/M3	0.59 U	
EPD-WA-06-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.8 U		1.1	3.8	UG/M3	3.8 U	
EPD-WA-06-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.4 U		0.24	2.4	UG/M3	2.4 U	
EPD-WA-06-102223	TO-15	591-78-6	2-HEXANONE	3.4 U		0.75	3.4	UG/M3	3.4 U	
EPD-WA-06-102223	TO-15	67-63-0	2-PROPANOL	8.1 U		0.62	8.1	UG/M3	8.1 U	
EPD-WA-06-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.6 U		0.71	2.6	UG/M3	2.6 U	
EPD-WA-06-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.81 U		0.23	0.81	UG/M3	0.81 U	
EPD-WA-06-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.67 U		0.13	0.67	UG/M3	0.67 U	
EPD-WA-06-102223	TO-15	67-64-1	ACETONE	3.8 J		1.8	7.8	UG/M3	3.8 J	
EPD-WA-06-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.85 U		0.19	0.85	UG/M3	0.85 U	
EPD-WA-06-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.23	1.1	UG/M3	1.1 U	
EPD-WA-06-102223	TO-15	75-25-2	BROMOFORM	1.7 U		0.31	1.7	UG/M3	1.7 U	
EPD-WA-06-102223	TO-15	74-83-9	BROMOMETHANE	32 U		1.8	32	UG/M3	32 U	
EPD-WA-06-102223	TO-15	75-15-0	CARBON DISULFIDE	2.6 U		2.4	2.6	UG/M3	2.6 U	
EPD-WA-06-102223	TO-15	108-90-7	CHLOROBENZENE	0.76 U		0.21	0.76	UG/M3	0.76 U	
EPD-WA-06-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.74 U		0.13	0.74	UG/M3	0.74 U	
EPD-WA-06-102223	TO-15	98-82-8	CUMENE	0.81 U		0.3	0.81	UG/M3	0.81 U	
EPD-WA-06-102223	TO-15	110-82-7	CYCLOHEXANE	2.8 U		0.55	2.8	UG/M3	2.8 U	
EPD-WA-06-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.22	1.4	UG/M3	1.4 U	
EPD-WA-06-102223	TO-15	64-17-5	ETHANOL	1.1 J		0.65	6.2	UG/M3	1.1 J	
EPD-WA-06-102223	TO-15	75-69-4	FREON 11	1		0.14	0.92	UG/M3	1.0	
EPD-WA-06-102223	TO-15	76-13-1	FREON 113	0.4 J		0.24	1.2	UG/M3	0.40 J	
EPD-WA-06-102223	TO-15	142-82-5	HEPTANE	3.4 U		0.52	3.4	UG/M3	3.4 U	
EPD-WA-06-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.7 U		2	8.7	UG/M3	8.7 UJ	
EPD-WA-06-102223	TO-15	110-54-3	HEXANE	2.9 U		0.7	2.9	UG/M3	2.9 U	
EPD-WA-06-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.37 J		0.25	1.1	UG/M3	0.37 J	
EPD-WA-06-102223	TO-15	103-65-1	PROPYLBENZENE	0.81 U		0.24	0.81	UG/M3	0.81 U	
EPD-WA-06-102223	TO-15	100-42-5	STYRENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-06-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.4 U		2.3	2.4	UG/M3	2.4 U	
EPD-WA-06-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-WA-06-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18	U	0.035	0.18	UG/M3	0.18	U
EPD-WA-06-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.059	0.22	UG/M3	0.22	U
EPD-WA-06-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-06-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.024	0.13	UG/M3	0.13	U
EPD-WA-06-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.065	U	0.032	0.065	UG/M3	0.065	U
EPD-WA-06-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.25	U	0.042	0.25	UG/M3	0.25	U
EPD-WA-06-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.055	J	0.0094	0.13	UG/M3	0.055	J
EPD-WA-06-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2	UJ	0.071	0.2	UG/M3	0.20	UJ
EPD-WA-06-102223	TO-15 SIM	71-43-2	BENZENE	0.33		0.021	0.26	UG/M3	0.33	
EPD-WA-06-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.049	0.21	UG/M3	0.36	
EPD-WA-06-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.22	U	0.044	0.22	UG/M3	0.22	U
EPD-WA-06-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.026	0.16	UG/M3	0.080	J
EPD-WA-06-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.79	J	0.3	1.7	UG/M3	0.79	J
EPD-WA-06-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13	U	0.03	0.13	UG/M3	0.13	U
EPD-WA-06-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.037	J	0.031	0.14	UG/M3	0.037	J
EPD-WA-06-102223	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.074	0.23	UG/M3	0.096	J
EPD-WA-06-102223	TO-15 SIM	75-71-8	FREON 12	1.9		0.043	0.4	UG/M3	1.9	
EPD-WA-06-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.093	J	0.04	0.28	UG/M3	0.093	J
EPD-WA-06-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.59	U	0.036	0.59	UG/M3	0.59	U
EPD-WA-06-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.43	U	0.045	0.43	UG/M3	0.43	U
EPD-WA-06-102223	TO-15 SIM	95-47-6	O-XYLENE	0.14	U	0.042	0.14	UG/M3	0.14	U
EPD-WA-06-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.22	U	0.029	0.22	UG/M3	0.22	U
EPD-WA-06-102223	TO-15 SIM	108-88-3	TOLUENE	0.29	J	0.044	0.31	UG/M3	0.29	J
EPD-WA-06-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.65	U	0.031	0.65	UG/M3	0.65	U
EPD-WA-06-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.18	U	0.014	0.18	UG/M3	0.18	U
EPD-WA-06-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.042	U	0.017	0.042	UG/M3	0.042	U
EPD-WA-55-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	3	5.4	UG/M3	5.4	UJ
EPD-WA-55-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.19	0.72	UG/M3	0.72	U
EPD-WA-55-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.18	0.88	UG/M3	0.88	U
EPD-WA-55-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.21	0.68	UG/M3	0.68	U
EPD-WA-55-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.18	0.72	UG/M3	0.72	U
EPD-WA-55-102223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.14	0.32	UG/M3	0.32	U
EPD-WA-55-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-55-102223	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.15	0.53	UG/M3	0.53	U
EPD-WA-55-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	1	3.4	UG/M3	3.4	U
EPD-WA-55-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.26	J	0.22	2.2	UG/M3	0.26	J
EPD-WA-55-102223	TO-15	591-78-6	2-HEXANONE	3	U	0.68	3	UG/M3	3.0	U
EPD-WA-55-102223	TO-15	67-63-0	2-PROPANOL	7.2	U	0.55	7.2	UG/M3	7.2	U
EPD-WA-55-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.63	2.3	UG/M3	2.3	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.2	0.72	UG/M3	0.72	U
EPD-WA-55-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.12	0.6	UG/M3	0.60	U
EPD-WA-55-102223	TO-15	67-64-1	ACETONE	10		1.6	7	UG/M3	10	
EPD-WA-55-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.17	0.76	UG/M3	0.76	U
EPD-WA-55-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.21	0.98	UG/M3	0.98	U
EPD-WA-55-102223	TO-15	75-25-2	BROMOFORM	1.5	U	0.28	1.5	UG/M3	1.5	U
EPD-WA-55-102223	TO-15	74-83-9	BROMOMETHANE	28	U	1.6	28	UG/M3	28	U
EPD-WA-55-102223	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	2.2	2.3	UG/M3	2.3	U
EPD-WA-55-102223	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.19	0.68	UG/M3	0.68	U
EPD-WA-55-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.12	0.67	UG/M3	0.67	U
EPD-WA-55-102223	TO-15	98-82-8	CUMENE	0.72	U	0.26	0.72	UG/M3	0.72	U
EPD-WA-55-102223	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.49	2.5	UG/M3	2.5	U
EPD-WA-55-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3	1.2	U
EPD-WA-55-102223	TO-15	64-17-5	ETHANOL	4.1	J	0.58	5.5	UG/M3	4.1	J
EPD-WA-55-102223	TO-15	75-69-4	FREON 11	1.1		0.13	0.82	UG/M3	1.1	
EPD-WA-55-102223	TO-15	76-13-1	FREON 113	0.32	J	0.21	1.1	UG/M3	0.32	J
EPD-WA-55-102223	TO-15	142-82-5	HEPTANE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-55-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	1.8	7.8	UG/M3	7.8	UJ
EPD-WA-55-102223	TO-15	110-54-3	HEXANE	2.6	U	0.62	2.6	UG/M3	2.6	U
EPD-WA-55-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.35	J	0.23	1	UG/M3	0.35	J
EPD-WA-55-102223	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.22	0.72	UG/M3	0.72	U
EPD-WA-55-102223	TO-15	100-42-5	STYRENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-55-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	2	2.2	UG/M3	2.2	U
EPD-WA-55-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.2	0.67	UG/M3	0.67	U
EPD-WA-55-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-55-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-55-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.031	0.16	UG/M3	0.16	U
EPD-WA-55-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.052	0.2	UG/M3	0.20	U
EPD-WA-55-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.018	0.16	UG/M3	0.16	U
EPD-WA-55-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.021	0.12	UG/M3	0.12	U
EPD-WA-55-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.029	0.058	UG/M3	0.058	U
EPD-WA-55-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.037	0.22	UG/M3	0.22	U
EPD-WA-55-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.0084	0.12	UG/M3	0.056	J
EPD-WA-55-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.063	0.18	UG/M3	0.18	UJ
EPD-WA-55-102223	TO-15 SIM	71-43-2	BENZENE	0.51		0.019	0.23	UG/M3	0.51	
EPD-WA-55-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.044	0.18	UG/M3	0.38	
EPD-WA-55-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.039	0.19	UG/M3	0.19	U
EPD-WA-55-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.024	0.14	UG/M3	0.071	J
EPD-WA-55-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.81	J	0.27	1.5	UG/M3	0.81	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544A

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.027	0.12	UG/M3	0.12	U
EPD-WA-55-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.028	0.13	UG/M3	0.16	
EPD-WA-55-102223	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.067	0.2	UG/M3	0.11	J
EPD-WA-55-102223	TO-15 SIM	75-71-8	FREON 12	2		0.038	0.36	UG/M3	2.0	
EPD-WA-55-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.5		0.036	0.26	UG/M3	0.50	
EPD-WA-55-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.032	0.53	UG/M3	0.53	U
EPD-WA-55-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.041	0.38	UG/M3	0.38	U
EPD-WA-55-102223	TO-15 SIM	95-47-6	O-XYLENE	0.16		0.037	0.13	UG/M3	0.16	
EPD-WA-55-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.026	0.2	UG/M3	0.20	U
EPD-WA-55-102223	TO-15 SIM	108-88-3	TOLUENE	1.5		0.039	0.28	UG/M3	1.5	
EPD-WA-55-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.19	J	0.028	0.58	UG/M3	0.19	J
EPD-WA-55-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-55-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.015	0.038	UG/M3	0.038	U

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2299c		
Laboratory Report No.	2310544B	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Three air samples		
Collection Date(s)	10/22/2023		
Field Duplicate Pairs	None		
Field QC Blanks	None		

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 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan (QAPP), East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio*, Revision 3 (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

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

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

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/LCS duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided the COC form and LCS/LCSD RPDs separately. No qualifications were applied.

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	<p>The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The laboratory report receiving notes case narrative states "Samples EPD-DW-C-102223, EPD-UW-G-102223 and EPD-WA-03-102223 were not received at Eurofin Air Toxics, LLC on 10/24/2023 despite notation on the COC. The samples were subsequently received on 10/25/2023 and were added to the analytical request." The laboratory reported the results received on 10/24/2023 separately. No qualifications were applied.</p>

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2310544B-10A): Carbon disulfide was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). All carbon dioxide sample results were nondetect; therefore, no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

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

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 site-specific QAPP specifies the collection of 1 field duplicate sample per 10 samples. However, fewer than 1 field duplicate sample per 10 samples are included in this sample delivery group. No qualifications were applied based on professional judgement.

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2310544B-11A/2310544B-11AA): The percent recovery of ethanol exceeded the site-specific QAPP acceptance criteria in the LCSD. The average percent recovery of LCS and LCSD was within the site-specific QAPP acceptance criteria; therefore, no qualifications were applied.

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

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.32 to 1.58. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	CCV 2310544B-10A had high percent recovery of freon 11. All freon 11 sample results were qualified as estimated (flagged J).

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 a list of qualifiers and 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 and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
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 considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544B

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	Units	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.9 U		UG/M3	1.1	4.9	UG/M3	4.9 U	
EPD-DW-C-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.65 U		UG/M3	0.16	0.65	UG/M3	0.65 U	
EPD-DW-C-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.79 U		UG/M3	0.12	0.79	UG/M3	0.79 U	
EPD-DW-C-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.61 U		UG/M3	0.12	0.61	UG/M3	0.61 U	
EPD-DW-C-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.65 U		UG/M3	0.13	0.65	UG/M3	0.65 U	
EPD-DW-C-102223	TO-15	106-99-0	1,3-BUTADIENE	0.29 U		UG/M3	0.04	0.29	UG/M3	0.29 U	
EPD-DW-C-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.79 U		UG/M3	0.079	0.79	UG/M3	0.79 U	
EPD-DW-C-102223	TO-15	123-91-1	1,4-DIOXANE	0.48 U		UG/M3	0.069	0.48	UG/M3	0.48 U	
EPD-DW-C-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.1 U		UG/M3	0.2	3.1	UG/M3	3.1 U	
EPD-DW-C-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.9 U		UG/M3	0.33	1.9	UG/M3	1.9 U	
EPD-DW-C-102223	TO-15	591-78-6	2-HEXANONE	2.7 U		UG/M3	0.51	2.7	UG/M3	2.7 U	
EPD-DW-C-102223	TO-15	67-63-0	2-PROPANOL	6.5 U		UG/M3	0.16	6.5	UG/M3	6.5 U	
EPD-DW-C-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		UG/M3	0.18	2.1	UG/M3	2.1 U	
EPD-DW-C-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.65 U		UG/M3	0.11	0.65	UG/M3	0.65 U	
EPD-DW-C-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.54 U		UG/M3	0.16	0.54	UG/M3	0.54 U	
EPD-DW-C-102223	TO-15	67-64-1	ACETONE	3.3 J		UG/M3	0.47	6.3	UG/M3	3.3 J	
EPD-DW-C-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.68 U		UG/M3	0.2	0.68	UG/M3	0.68 U	
EPD-DW-C-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.88 U		UG/M3	0.11	0.88	UG/M3	0.88 U	
EPD-DW-C-102223	TO-15	75-25-2	BROMOFORM	1.4 U		UG/M3	0.13	1.4	UG/M3	1.4 U	
EPD-DW-C-102223	TO-15	74-83-9	BROMOMETHANE	26 U		UG/M3	1.2	26	UG/M3	26 U	
EPD-DW-C-102223	TO-15	75-15-0	CARBON DISULFIDE	2 U		UG/M3	0.091	2	UG/M3	2.0 U	
EPD-DW-C-102223	TO-15	108-90-7	CHLOROBENZENE	0.61 U		UG/M3	0.07	0.61	UG/M3	0.61 U	
EPD-DW-C-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.6 U		UG/M3	0.16	0.6	UG/M3	0.60 U	
EPD-DW-C-102223	TO-15	98-82-8	CUMENE	0.65 U		UG/M3	0.06	0.65	UG/M3	0.65 U	
EPD-DW-C-102223	TO-15	110-82-7	CYCLOHEXANE	2.3 U		UG/M3	0.38	2.3	UG/M3	2.3 U	
EPD-DW-C-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1 U		UG/M3	0.16	1.1	UG/M3	1.1 U	
EPD-DW-C-102223	TO-15	64-17-5	ETHANOL	7		UG/M3	0.63	5	UG/M3	7.0	
EPD-DW-C-102223	TO-15	75-69-4	FREON 11	1.4 J0		UG/M3	0.11	0.74	UG/M3	1.4 J	
EPD-DW-C-102223	TO-15	76-13-1	FREON 113	0.54 J		UG/M3	0.1	1	UG/M3	0.54 J	
EPD-DW-C-102223	TO-15	142-82-5	HEPTANE	2.7 U		UG/M3	0.38	2.7	UG/M3	2.7 U	
EPD-DW-C-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7 U		UG/M3	0.46	7	UG/M3	7.0 U	
EPD-DW-C-102223	TO-15	110-54-3	HEXANE	2.3 U		UG/M3	0.21	2.3	UG/M3	2.3 U	
EPD-DW-C-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.35 J		UG/M3	0.28	0.92	UG/M3	0.35 J	
EPD-DW-C-102223	TO-15	103-65-1	PROPYLBENZENE	0.65 U		UG/M3	0.15	0.65	UG/M3	0.65 U	
EPD-DW-C-102223	TO-15	100-42-5	STYRENE	0.56 U		UG/M3	0.091	0.56	UG/M3	0.56 U	
EPD-DW-C-102223	TO-15	109-99-9	TETRAHYDROFURAN	1.9 U		UG/M3	0.33	1.9	UG/M3	1.9 U	
EPD-DW-C-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.6 U		UG/M3	0.12	0.6	UG/M3	0.60 U	
EPD-DW-C-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U		PPBV			PPBV	0 U,NF	
EPD-DW-C-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U		PPBV			PPBV	0 U,NF	
EPD-DW-C-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14 U		UG/M3	0.019	0.14	UG/M3	0.14 U	
EPD-DW-C-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18 U		UG/M3	0.077	0.18	UG/M3	0.18 U	
EPD-DW-C-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14 U		UG/M3	0.05	0.14	UG/M3	0.14 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544B

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	Units	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	UG/M3	0.015	0.11	UG/M3	0.11	U
EPD-DW-C-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.052	U	UG/M3	0.02	0.052	UG/M3	0.052	U
EPD-DW-C-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2	U	UG/M3	0.071	0.2	UG/M3	0.20	U
EPD-DW-C-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.07	J	UG/M3	0.027	0.11	UG/M3	0.070	J
EPD-DW-C-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	UG/M3	0.056	0.16	UG/M3	0.16	U
EPD-DW-C-102223	TO-15 SIM	71-43-2	BENZENE	0.3		UG/M3	0.024	0.21	UG/M3	0.30	
EPD-DW-C-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		UG/M3	0.035	0.17	UG/M3	0.45	
EPD-DW-C-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.17	U	UG/M3	0.019	0.17	UG/M3	0.17	U
EPD-DW-C-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.066	J	UG/M3	0.019	0.13	UG/M3	0.066	J
EPD-DW-C-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.76	J	UG/M3	0.27	1.4	UG/M3	0.76	J
EPD-DW-C-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1	U	UG/M3	0.0097	0.1	UG/M3	0.10	U
EPD-DW-C-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.039	J	UG/M3	0.011	0.11	UG/M3	0.039	J
EPD-DW-C-102223	TO-15 SIM	76-14-2	FREON 114	0.12	J	UG/M3	0.015	0.18	UG/M3	0.12	J
EPD-DW-C-102223	TO-15 SIM	75-71-8	FREON 12	2.2		UG/M3	0.024	0.33	UG/M3	2.2	
EPD-DW-C-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.11	J	UG/M3	0.007	0.23	UG/M3	0.11	J
EPD-DW-C-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	UG/M3	0.013	0.48	UG/M3	0.48	U
EPD-DW-C-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.34	U	UG/M3	0.1	0.34	UG/M3	0.34	U
EPD-DW-C-102223	TO-15 SIM	95-47-6	O-XYLENE	0.048	J	UG/M3	0.0097	0.11	UG/M3	0.048	J
EPD-DW-C-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18	U	UG/M3	0.098	0.18	UG/M3	0.18	U
EPD-DW-C-102223	TO-15 SIM	108-88-3	TOLUENE	0.26		UG/M3	0.013	0.25	UG/M3	0.26	
EPD-DW-C-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.52	U	UG/M3	0.012	0.52	UG/M3	0.52	U
EPD-DW-C-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14	U	UG/M3	0.019	0.14	UG/M3	0.14	U
EPD-DW-C-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034	U	UG/M3	0.0098	0.034	UG/M3	0.034	U
EPD-UW-G-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9	U	UG/M3	1.3	5.9	UG/M3	5.9	U
EPD-UW-G-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.78	U	UG/M3	0.19	0.78	UG/M3	0.78	U
EPD-UW-G-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.95	U	UG/M3	0.15	0.95	UG/M3	0.95	U
EPD-UW-G-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73	U	UG/M3	0.15	0.73	UG/M3	0.73	U
EPD-UW-G-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78	U	UG/M3	0.16	0.78	UG/M3	0.78	U
EPD-UW-G-102223	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	UG/M3	0.048	0.35	UG/M3	0.35	U
EPD-UW-G-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.95	U	UG/M3	0.094	0.95	UG/M3	0.95	U
EPD-UW-G-102223	TO-15	123-91-1	1,4-DIOXANE	0.57	U	UG/M3	0.082	0.57	UG/M3	0.57	U
EPD-UW-G-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.7	U	UG/M3	0.24	3.7	UG/M3	3.7	U
EPD-UW-G-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3	U	UG/M3	0.4	2.3	UG/M3	2.3	U
EPD-UW-G-102223	TO-15	591-78-6	2-HEXANONE	3.2	U	UG/M3	0.61	3.2	UG/M3	3.2	U
EPD-UW-G-102223	TO-15	67-63-0	2-PROPANOL	7.8	U	UG/M3	0.19	7.8	UG/M3	7.8	U
EPD-UW-G-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.5	U	UG/M3	0.22	2.5	UG/M3	2.5	U
EPD-UW-G-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.78	U	UG/M3	0.13	0.78	UG/M3	0.78	U
EPD-UW-G-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65	U	UG/M3	0.2	0.65	UG/M3	0.65	U
EPD-UW-G-102223	TO-15	67-64-1	ACETONE	3.4	J	UG/M3	0.56	7.5	UG/M3	3.4	J
EPD-UW-G-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82	U	UG/M3	0.24	0.82	UG/M3	0.82	U
EPD-UW-G-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	UG/M3	0.13	1	UG/M3	1.0	U
EPD-UW-G-102223	TO-15	75-25-2	BROMOFORM	1.6	U	UG/M3	0.16	1.6	UG/M3	1.6	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544B

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	Units	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-G-102223	TO-15	74-83-9	BROMOMETHANE	31	U	UG/M3	1.5	31	UG/M3	31	U
EPD-UW-G-102223	TO-15	75-15-0	CARBON DISULFIDE	2.5	U	UG/M3	0.11	2.5	UG/M3	2.5	U
EPD-UW-G-102223	TO-15	108-90-7	CHLOROBENZENE	0.73	U	UG/M3	0.084	0.73	UG/M3	0.73	U
EPD-UW-G-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72	U	UG/M3	0.19	0.72	UG/M3	0.72	U
EPD-UW-G-102223	TO-15	98-82-8	CUMENE	0.78	U	UG/M3	0.072	0.78	UG/M3	0.78	U
EPD-UW-G-102223	TO-15	110-82-7	CYCLOHEXANE	2.7	U	UG/M3	0.46	2.7	UG/M3	2.7	U
EPD-UW-G-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	UG/M3	0.2	1.3	UG/M3	1.3	U
EPD-UW-G-102223	TO-15	64-17-5	ETHANOL	1.8	J	UG/M3	0.76	6	UG/M3	1.8	J
EPD-UW-G-102223	TO-15	75-69-4	FREON 11	1.3	J0	UG/M3	0.13	0.89	UG/M3	1.3	J
EPD-UW-G-102223	TO-15	76-13-1	FREON 113	0.5	J	UG/M3	0.12	1.2	UG/M3	0.50	J
EPD-UW-G-102223	TO-15	142-82-5	HEPTANE	3.2	U	UG/M3	0.45	3.2	UG/M3	3.2	U
EPD-UW-G-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	UG/M3	0.55	8.4	UG/M3	8.4	U
EPD-UW-G-102223	TO-15	110-54-3	HEXANE	2.8	U	UG/M3	0.25	2.8	UG/M3	2.8	U
EPD-UW-G-102223	TO-15	75-09-2	METHYLENE CHLORIDE	0.34	J	UG/M3	0.34	1.1	UG/M3	0.34	J
EPD-UW-G-102223	TO-15	103-65-1	PROPYLBENZENE	0.78	U	UG/M3	0.18	0.78	UG/M3	0.78	U
EPD-UW-G-102223	TO-15	100-42-5	STYRENE	0.67	U	UG/M3	0.11	0.67	UG/M3	0.67	U
EPD-UW-G-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	UG/M3	0.39	2.3	UG/M3	2.3	U
EPD-UW-G-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72	U	UG/M3	0.15	0.72	UG/M3	0.72	U
EPD-UW-G-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U	PPBV			PPBV	0	U,NF
EPD-UW-G-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U	PPBV			PPBV	0	U,NF
EPD-UW-G-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	UG/M3	0.022	0.17	UG/M3	0.17	U
EPD-UW-G-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	UG/M3	0.092	0.22	UG/M3	0.22	U
EPD-UW-G-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	UG/M3	0.059	0.17	UG/M3	0.17	U
EPD-UW-G-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	UG/M3	0.018	0.13	UG/M3	0.13	U
EPD-UW-G-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063	U	UG/M3	0.024	0.063	UG/M3	0.063	U
EPD-UW-G-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	UG/M3	0.085	0.24	UG/M3	0.24	U
EPD-UW-G-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.059	J	UG/M3	0.033	0.13	UG/M3	0.059	J
EPD-UW-G-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	UG/M3	0.067	0.19	UG/M3	0.19	U
EPD-UW-G-102223	TO-15 SIM	71-43-2	BENZENE	0.29		UG/M3	0.028	0.25	UG/M3	0.29	
EPD-UW-G-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		UG/M3	0.042	0.2	UG/M3	0.45	
EPD-UW-G-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	UG/M3	0.023	0.21	UG/M3	0.21	U
EPD-UW-G-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.07	J	UG/M3	0.023	0.15	UG/M3	0.070	J
EPD-UW-G-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.8	J	UG/M3	0.33	1.6	UG/M3	0.80	J
EPD-UW-G-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	UG/M3	0.012	0.12	UG/M3	0.12	U
EPD-UW-G-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.041	J	UG/M3	0.013	0.14	UG/M3	0.041	J
EPD-UW-G-102223	TO-15 SIM	76-14-2	FREON 114	0.12	J	UG/M3	0.018	0.22	UG/M3	0.12	J
EPD-UW-G-102223	TO-15 SIM	75-71-8	FREON 12	2.4		UG/M3	0.029	0.39	UG/M3	2.4	
EPD-UW-G-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.12	J	UG/M3	0.0084	0.27	UG/M3	0.12	J
EPD-UW-G-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	UG/M3	0.016	0.57	UG/M3	0.57	U
EPD-UW-G-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	UG/M3	0.12	0.41	UG/M3	0.41	U
EPD-UW-G-102223	TO-15 SIM	95-47-6	O-XYLENE	0.046	J	UG/M3	0.012	0.14	UG/M3	0.046	J
EPD-UW-G-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	UG/M3	0.12	0.21	UG/M3	0.21	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544B

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	Units	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-G-102223	TO-15 SIM	108-88-3	TOLUENE	0.31		UG/M3	0.015	0.3	UG/M3	0.31	
EPD-UW-G-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.63	U	UG/M3	0.014	0.63	UG/M3	0.63	U
EPD-UW-G-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	UG/M3	0.023	0.17	UG/M3	0.17	U
EPD-UW-G-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	UG/M3	0.012	0.04	UG/M3	0.040	U
EPD-WA-03-102223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	UG/M3	1.3	5.7	UG/M3	5.7	U
EPD-WA-03-102223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76	U	UG/M3	0.18	0.76	UG/M3	0.76	U
EPD-WA-03-102223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	UG/M3	0.14	0.92	UG/M3	0.92	U
EPD-WA-03-102223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	UG/M3	0.14	0.71	UG/M3	0.71	U
EPD-WA-03-102223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	UG/M3	0.15	0.76	UG/M3	0.76	U
EPD-WA-03-102223	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	UG/M3	0.047	0.34	UG/M3	0.34	U
EPD-WA-03-102223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	UG/M3	0.092	0.92	UG/M3	0.92	U
EPD-WA-03-102223	TO-15	123-91-1	1,4-DIOXANE	0.55	U	UG/M3	0.08	0.55	UG/M3	0.55	U
EPD-WA-03-102223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	UG/M3	0.23	3.6	UG/M3	3.6	U
EPD-WA-03-102223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3	U	UG/M3	0.39	2.3	UG/M3	2.3	U
EPD-WA-03-102223	TO-15	591-78-6	2-HEXANONE	3.2	U	UG/M3	0.6	3.2	UG/M3	3.2	U
EPD-WA-03-102223	TO-15	67-63-0	2-PROPANOL	7.6	U	UG/M3	0.18	7.6	UG/M3	7.6	U
EPD-WA-03-102223	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	UG/M3	0.21	2.4	UG/M3	2.4	U
EPD-WA-03-102223	TO-15	622-96-8	4-ETHYLTOLUENE	0.76	U	UG/M3	0.13	0.76	UG/M3	0.76	U
EPD-WA-03-102223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	UG/M3	0.19	0.63	UG/M3	0.63	U
EPD-WA-03-102223	TO-15	67-64-1	ACETONE	3.8	J	UG/M3	0.55	7.3	UG/M3	3.8	J
EPD-WA-03-102223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	UG/M3	0.23	0.8	UG/M3	0.80	U
EPD-WA-03-102223	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	UG/M3	0.13	1	UG/M3	1.0	U
EPD-WA-03-102223	TO-15	75-25-2	BROMOFORM	1.6	U	UG/M3	0.15	1.6	UG/M3	1.6	U
EPD-WA-03-102223	TO-15	74-83-9	BROMOMETHANE	30	U	UG/M3	1.4	30	UG/M3	30	U
EPD-WA-03-102223	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	UG/M3	0.11	2.4	UG/M3	2.4	U
EPD-WA-03-102223	TO-15	108-90-7	CHLOROBENZENE	0.71	U	UG/M3	0.082	0.71	UG/M3	0.71	U
EPD-WA-03-102223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U	UG/M3	0.19	0.7	UG/M3	0.70	U
EPD-WA-03-102223	TO-15	98-82-8	CUMENE	0.76	U	UG/M3	0.07	0.76	UG/M3	0.76	U
EPD-WA-03-102223	TO-15	110-82-7	CYCLOHEXANE	2.6	U	UG/M3	0.45	2.6	UG/M3	2.6	U
EPD-WA-03-102223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	UG/M3	0.19	1.3	UG/M3	1.3	U
EPD-WA-03-102223	TO-15	64-17-5	ETHANOL	1.9	J	UG/M3	0.74	5.8	UG/M3	1.9	J
EPD-WA-03-102223	TO-15	75-69-4	FREON 11	1.3	J0	UG/M3	0.13	0.86	UG/M3	1.3	J
EPD-WA-03-102223	TO-15	76-13-1	FREON 113	0.53	J	UG/M3	0.12	1.2	UG/M3	0.53	J
EPD-WA-03-102223	TO-15	142-82-5	HEPTANE	3.2	U	UG/M3	0.44	3.2	UG/M3	3.2	U
EPD-WA-03-102223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	UG/M3	0.54	8.2	UG/M3	8.2	U
EPD-WA-03-102223	TO-15	110-54-3	HEXANE	2.7	U	UG/M3	0.24	2.7	UG/M3	2.7	U
EPD-WA-03-102223	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	UG/M3	0.33	1.1	UG/M3	1.1	U
EPD-WA-03-102223	TO-15	103-65-1	PROPYLBENZENE	0.76	U	UG/M3	0.17	0.76	UG/M3	0.76	U
EPD-WA-03-102223	TO-15	100-42-5	STYRENE	0.66	U	UG/M3	0.11	0.66	UG/M3	0.66	U
EPD-WA-03-102223	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	UG/M3	0.38	2.3	UG/M3	2.3	U
EPD-WA-03-102223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	UG/M3	0.14	0.7	UG/M3	0.70	U
EPD-WA-03-102223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U	PPBV			PPBV	0	U,NF

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310544B

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	Units	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-102223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U		PPBV			PPBV	0 U,NF	
EPD-WA-03-102223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		UG/M3	0.022	0.17	UG/M3	0.17 U	
EPD-WA-03-102223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		UG/M3	0.09	0.21	UG/M3	0.21 U	
EPD-WA-03-102223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		UG/M3	0.058	0.17	UG/M3	0.17 U	
EPD-WA-03-102223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		UG/M3	0.018	0.12	UG/M3	0.12 U	
EPD-WA-03-102223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		UG/M3	0.023	0.061	UG/M3	0.061 U	
EPD-WA-03-102223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		UG/M3	0.083	0.24	UG/M3	0.24 U	
EPD-WA-03-102223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.059 J		UG/M3	0.032	0.12	UG/M3	0.059 J	
EPD-WA-03-102223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		UG/M3	0.066	0.18	UG/M3	0.18 U	
EPD-WA-03-102223	TO-15 SIM	71-43-2	BENZENE	0.26		UG/M3	0.028	0.24	UG/M3	0.26	
EPD-WA-03-102223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		UG/M3	0.041	0.19	UG/M3	0.48	
EPD-WA-03-102223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		UG/M3	0.022	0.2	UG/M3	0.20 U	
EPD-WA-03-102223	TO-15 SIM	67-66-3	CHLOROFORM	0.07 J		UG/M3	0.022	0.15	UG/M3	0.070 J	
EPD-WA-03-102223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.85 J		UG/M3	0.32	1.6	UG/M3	0.85 J	
EPD-WA-03-102223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		UG/M3	0.011	0.12	UG/M3	0.12 U	
EPD-WA-03-102223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.029 J		UG/M3	0.013	0.13	UG/M3	0.029 J	
EPD-WA-03-102223	TO-15 SIM	76-14-2	FREON 114	0.13 J		UG/M3	0.017	0.22	UG/M3	0.13 J	
EPD-WA-03-102223	TO-15 SIM	75-71-8	FREON 12	2.5		UG/M3	0.028	0.38	UG/M3	2.5	
EPD-WA-03-102223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.081 J		UG/M3	0.0082	0.27	UG/M3	0.081 J	
EPD-WA-03-102223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		UG/M3	0.015	0.56	UG/M3	0.56 U	
EPD-WA-03-102223	TO-15 SIM	91-20-3	NAPHTHALENE	0.4 U		UG/M3	0.12	0.4	UG/M3	0.40 U	
EPD-WA-03-102223	TO-15 SIM	95-47-6	O-XYLENE	0.032 J		UG/M3	0.011	0.13	UG/M3	0.032 J	
EPD-WA-03-102223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		UG/M3	0.11	0.21	UG/M3	0.21 U	
EPD-WA-03-102223	TO-15 SIM	108-88-3	TOLUENE	0.24 J		UG/M3	0.015	0.29	UG/M3	0.24 J	
EPD-WA-03-102223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61 U		UG/M3	0.014	0.61	UG/M3	0.61 U	
EPD-WA-03-102223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		UG/M3	0.022	0.16	UG/M3	0.16 U	
EPD-WA-03-102223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		UG/M3	0.011	0.039	UG/M3	0.039 U	

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2299d		
Laboratory Report No.	2310545	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples including one field duplicate pair		
Collection Date(s)	10/21/2023		
Field Duplicate Pairs	EPD-WA-04-102123/EPD-WA-44-102123		
Field QC Blanks	None		

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 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan (QAPP), East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio*, Revision 3 (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

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

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/LCS duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided the COC form and LCS/LCSD RPDs separately. No qualifications were applied.

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2310545-10B): Naphthalene was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). All naphthalene sample results were detected below the RL; therefore, qualified as nondetect (flagged U) at the RL.

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
N	<p>TO-15 scan (2310545-12A/2310545-12AA): The percent recoveries of 1,4-dioxane, 2-hexanone, bromodichloromethane, and ethanol exceeded the site-specific QAPP acceptance criteria in the LCS and LCSD. All 1,4-dioxane sample results were nondetect, therefore no qualifications were applied. The average percent recovery of LCS and LCSD was within the site-specific QAPP acceptance criteria for 2-hexanone and bromodichloromethane; therefore, no qualifications were applied. All ethanol sample results were qualified as estimated with possible high bias (flagged J+). The RPD of dibromochloromethane of LCS/LCSD exceeded the site-specific QAPP acceptance criteria. All dibromochloromethane sample results were nondetect; therefore, no qualifications were applied.</p> <p>TO-15 SIM (2310545-12B/2310545-12BB): The percent recoveries of chloromethane exceeded the site-specific QAPP acceptance criteria in the LCS and LCSD. All chloromethane sample results were qualified as estimated (flagged J).</p>

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.33 to 1.68. While no qualifications were applied, the data user should be aware of increased RLs for sample dilutions.

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

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified unknown TICs as estimated (flagged J). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	CCV 2310545-11A had high percent recovery of 1,4-dioxane. All 1,4-Dioxane sample results were qualified as estimated (UJ).

**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 a list of qualifiers and 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 and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
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 considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-A-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.2 U		0.82	6.2	UG/M3	6.2 U	
EPD-DW-A-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.1 J		0.1	0.82	UG/M3	0.10 J	
EPD-DW-A-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	1 U		0.11	1	UG/M3	1.0 U	
EPD-DW-A-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.78 U		0.15	0.78	UG/M3	0.78 U	
EPD-DW-A-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.82 U		0.095	0.82	UG/M3	0.82 U	
EPD-DW-A-102123	TO-15	106-99-0	1,3-BUTADIENE	0.37 U		0.053	0.37	UG/M3	0.37 U	
EPD-DW-A-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	1 U		0.18	1	UG/M3	1.0 U	
EPD-DW-A-102123	TO-15	123-91-1	1,4-DIOXANE	0.6 U		0.22	0.6	UG/M3	0.60 U	
EPD-DW-A-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.9 U		0.62	3.9	UG/M3	3.9 U	
EPD-DW-A-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.5 U		0.59	2.5	UG/M3	2.5 U	
EPD-DW-A-102123	TO-15	591-78-6	2-HEXANONE	3.4 U		0.49	3.4	UG/M3	3.4 U	
EPD-DW-A-102123	TO-15	67-63-0	2-PROPANOL	8.2 U		2.2	8.2	UG/M3	8.2 U	
EPD-DW-A-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.6 U		0.72	2.6	UG/M3	2.6 U	
EPD-DW-A-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.82 U		0.11	0.82	UG/M3	0.82 U	
EPD-DW-A-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.69 U		0.18	0.69	UG/M3	0.69 U	
EPD-DW-A-102123	TO-15	67-64-1	ACETONE	8		1.2	8	UG/M3	8.0	
EPD-DW-A-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.87 U		0.1	0.87	UG/M3	0.87 U	
EPD-DW-A-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.17	1.1	UG/M3	1.1 U	
EPD-DW-A-102123	TO-15	75-25-2	BROMOFORM	1.7 U		0.23	1.7	UG/M3	1.7 U	
EPD-DW-A-102123	TO-15	74-83-9	BROMOMETHANE	33 U		0.86	33	UG/M3	33 U	
EPD-DW-A-102123	TO-15	75-15-0	CARBON DISULFIDE	2.6 U		0.53	2.6	UG/M3	2.6 U	
EPD-DW-A-102123	TO-15	108-90-7	CHLOROBENZENE	0.77 U		0.087	0.77	UG/M3	0.77 U	
EPD-DW-A-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.76 U		0.12	0.76	UG/M3	0.76 U	
EPD-DW-A-102123	TO-15	98-82-8	CUMENE	0.82 U		0.11	0.82	UG/M3	0.82 U	
EPD-DW-A-102123	TO-15	110-82-7	CYCLOHEXANE	2.9 U		0.46	2.9	UG/M3	2.9 U	
EPD-DW-A-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.15	1.4	UG/M3	1.4 U	
EPD-DW-A-102123	TO-15	64-17-5	ETHANOL	3.2 J		2.3	6.3	UG/M3	3.2 J+	
EPD-DW-A-102123	TO-15	75-69-4	FREON 11	1.3		0.16	0.94	UG/M3	1.3	
EPD-DW-A-102123	TO-15	76-13-1	FREON 113	0.41 J		0.21	1.3	UG/M3	0.41 J	
EPD-DW-A-102123	TO-15	142-82-5	HEPTANE	3.4 U		0.63	3.4	UG/M3	3.4 U	
EPD-DW-A-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	9 U		1.3	9	UG/M3	9.0 U	
EPD-DW-A-102123	TO-15	110-54-3	HEXANE	3 U		0.27	3	UG/M3	3.0 U	
EPD-DW-A-102123	TO-15	75-09-2	METHYLENE CHLORIDE	1.2 U		0.48	1.2	UG/M3	1.2 U	
EPD-DW-A-102123	TO-15	103-65-1	PROPYLBENZENE	0.82 U		0.12	0.82	UG/M3	0.82 U	
EPD-DW-A-102123	TO-15	100-42-5	STYRENE	0.72 U		0.06	0.72	UG/M3	0.72 U	
EPD-DW-A-102123	TO-15	109-99-9	TETRAHYDROFURAN	2.5 U		0.55	2.5	UG/M3	2.5 U	
EPD-DW-A-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.76 U		0.12	0.76	UG/M3	0.76 U	
EPD-DW-A-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-A-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-A-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U		0.039	0.18	UG/M3	0.18 U	
EPD-DW-A-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-DW-A-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U		0.022	0.18	UG/M3	0.18 U	
EPD-DW-A-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.14 U		0.031	0.14	UG/M3	0.14 U	
EPD-DW-A-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.067 U		0.026	0.067	UG/M3	0.067 U	
EPD-DW-A-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26 U		0.03	0.26	UG/M3	0.26 U	
EPD-DW-A-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.079 J		0.029	0.14	UG/M3	0.079 J	
EPD-DW-A-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2 U		0.082	0.2	UG/M3	0.20 U	
EPD-DW-A-102123	TO-15 SIM	71-43-2	BENZENE	0.37		0.055	0.27	UG/M3	0.37	
EPD-DW-A-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.043	0.21	UG/M3	0.50	
EPD-DW-A-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.22 U		0.024	0.22	UG/M3	0.22 U	
EPD-DW-A-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.036	0.16	UG/M3	0.10 J	
EPD-DW-A-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.95 J		0.029	1.7	UG/M3	0.95 J	
EPD-DW-A-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.036	0.13	UG/M3	0.13 U	
EPD-DW-A-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.073 J		0.023	0.14	UG/M3	0.073 J	
EPD-DW-A-102123	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.065	0.23	UG/M3	0.13 J	
EPD-DW-A-102123	TO-15 SIM	75-71-8	FREON 12	3		0.048	0.42	UG/M3	3.0	
EPD-DW-A-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.21 J		0.036	0.29	UG/M3	0.21 J	
EPD-DW-A-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.6 U		0.013	0.6	UG/M3	0.60 U	
EPD-DW-A-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.083 J		0.021	0.44	UG/M3	0.44 U	
EPD-DW-A-102123	TO-15 SIM	95-47-6	O-XYLENE	0.073 J		0.029	0.14	UG/M3	0.073 J	
EPD-DW-A-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.23 U		0.044	0.23	UG/M3	0.23 U	
EPD-DW-A-102123	TO-15 SIM	108-88-3	TOLUENE	0.77		0.039	0.32	UG/M3	0.77	
EPD-DW-A-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.14 J		0.032	0.67	UG/M3	0.14 J	
EPD-DW-A-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.18 U		0.037	0.18	UG/M3	0.18 U	
EPD-DW-A-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.043 U		0.018	0.043	UG/M3	0.043 U	
EPD-UW-E-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		0.7	5.3	UG/M3	5.3 U	
EPD-UW-E-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7 U		0.089	0.7	UG/M3	0.70 U	
EPD-UW-E-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.095	0.86	UG/M3	0.86 U	
EPD-UW-E-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-UW-E-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.081	0.7	UG/M3	0.70 U	
EPD-UW-E-102123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.045	0.32	UG/M3	0.32 U	
EPD-UW-E-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.16	0.86	UG/M3	0.86 U	
EPD-UW-E-102123	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.19	0.52	UG/M3	0.52 U	
EPD-UW-E-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.53	3.3	UG/M3	3.3 U	
EPD-UW-E-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1 U		0.5	2.1	UG/M3	2.1 U	
EPD-UW-E-102123	TO-15	591-78-6	2-HEXANONE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-UW-E-102123	TO-15	67-63-0	2-PROPANOL	7 U		1.9	7	UG/M3	7.0 U	
EPD-UW-E-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.61	2.2	UG/M3	2.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-E-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.093	0.7	UG/M3	0.70 U	
EPD-UW-E-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.16	0.58	UG/M3	0.58 U	
EPD-UW-E-102123	TO-15	67-64-1	ACETONE	4.5 J		1	6.8	UG/M3	4.5 J	
EPD-UW-E-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.088	0.74	UG/M3	0.74 U	
EPD-UW-E-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.14	0.96	UG/M3	0.96 U	
EPD-UW-E-102123	TO-15	75-25-2	BROMOFORM	1.5 U		0.19	1.5	UG/M3	1.5 U	
EPD-UW-E-102123	TO-15	74-83-9	BROMOMETHANE	28 U		0.73	28	UG/M3	28 U	
EPD-UW-E-102123	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.46	2.2	UG/M3	2.2 U	
EPD-UW-E-102123	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.074	0.66	UG/M3	0.66 U	
EPD-UW-E-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.11	0.65	UG/M3	0.65 U	
EPD-UW-E-102123	TO-15	98-82-8	CUMENE	0.7 U		0.097	0.7	UG/M3	0.70 U	
EPD-UW-E-102123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.39	2.5	UG/M3	2.5 U	
EPD-UW-E-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-UW-E-102123	TO-15	64-17-5	ETHANOL	3.2 J		1.9	5.4	UG/M3	3.2 J+	
EPD-UW-E-102123	TO-15	75-69-4	FREON 11	1.3		0.14	0.8	UG/M3	1.3	
EPD-UW-E-102123	TO-15	76-13-1	FREON 113	0.42 J		0.18	1.1	UG/M3	0.42 J	
EPD-UW-E-102123	TO-15	142-82-5	HEPTANE	2.9 U		0.53	2.9	UG/M3	2.9 U	
EPD-UW-E-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		1.1	7.6	UG/M3	7.6 U	
EPD-UW-E-102123	TO-15	110-54-3	HEXANE	2.5 U		0.23	2.5	UG/M3	2.5 U	
EPD-UW-E-102123	TO-15	75-09-2	METHYLENE CHLORIDE	0.99 U		0.41	0.99	UG/M3	0.99 U	
EPD-UW-E-102123	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.1	0.7	UG/M3	0.70 U	
EPD-UW-E-102123	TO-15	100-42-5	STYRENE	0.61 U		0.051	0.61	UG/M3	0.61 U	
EPD-UW-E-102123	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.47	2.1	UG/M3	2.1 U	
EPD-UW-E-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.1	0.65	UG/M3	0.65 U	
EPD-UW-E-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-E-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-E-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-UW-E-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.032	0.2	UG/M3	0.20 U	
EPD-UW-E-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-UW-E-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.026	0.12	UG/M3	0.12 U	
EPD-UW-E-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-UW-E-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.026	0.22	UG/M3	0.22 U	
EPD-UW-E-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.076 J		0.025	0.12	UG/M3	0.076 J	
EPD-UW-E-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.07	0.17	UG/M3	0.17 U	
EPD-UW-E-102123	TO-15 SIM	71-43-2	BENZENE	0.36		0.047	0.23	UG/M3	0.36	
EPD-UW-E-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.037	0.18	UG/M3	0.49	
EPD-UW-E-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-UW-E-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.03	0.14	UG/M3	0.10 J	
EPD-UW-E-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.94 J		0.024	1.5	UG/M3	0.94 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-E-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-UW-E-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.065 J		0.019	0.12	UG/M3	0.065 J	
EPD-UW-E-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.055	0.2	UG/M3	0.12 J	
EPD-UW-E-102123	TO-15 SIM	75-71-8	FREON 12	3		0.04	0.35	UG/M3	3.0	
EPD-UW-E-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.19 J		0.03	0.25	UG/M3	0.19 J	
EPD-UW-E-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.011	0.52	UG/M3	0.52 U	
EPD-UW-E-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.042 J		0.018	0.37	UG/M3	0.37 U	
EPD-UW-E-102123	TO-15 SIM	95-47-6	O-XYLENE	0.073 J		0.025	0.12	UG/M3	0.073 J	
EPD-UW-E-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.17 J		0.038	0.19	UG/M3	0.17 J	
EPD-UW-E-102123	TO-15 SIM	108-88-3	TOLUENE	0.53		0.033	0.27	UG/M3	0.53	
EPD-UW-E-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.027	0.57	UG/M3	0.57 U	
EPD-UW-E-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-UW-E-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.016	0.036	UG/M3	0.036 U	
EPD-WA-01-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		0.72	5.5	UG/M3	5.5 U	
EPD-WA-01-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.13 J		0.092	0.73	UG/M3	0.13 J	
EPD-WA-01-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.098	0.89	UG/M3	0.89 U	
EPD-WA-01-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-01-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.084	0.73	UG/M3	0.73 U	
EPD-WA-01-102123	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.047	0.33	UG/M3	0.33 U	
EPD-WA-01-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.16	0.89	UG/M3	0.89 U	
EPD-WA-01-102123	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.19	0.53	UG/M3	0.53 U	
EPD-WA-01-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.54	3.4	UG/M3	3.4 U	
EPD-WA-01-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.87 J		0.52	2.2	UG/M3	0.87 J	
EPD-WA-01-102123	TO-15	591-78-6	2-HEXANONE	3 U		0.43	3	UG/M3	3.0 U	
EPD-WA-01-102123	TO-15	67-63-0	2-PROPANOL	7.3 U		2	7.3	UG/M3	7.3 U	
EPD-WA-01-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.64	2.3	UG/M3	2.3 U	
EPD-WA-01-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.096	0.73	UG/M3	0.73 U	
EPD-WA-01-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.16	0.61	UG/M3	0.61 U	
EPD-WA-01-102123	TO-15	67-64-1	ACETONE	8.9		1.1	7	UG/M3	8.9	
EPD-WA-01-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.091	0.77	UG/M3	0.77 U	
EPD-WA-01-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.15	0.99	UG/M3	0.99 U	
EPD-WA-01-102123	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-WA-01-102123	TO-15	74-83-9	BROMOMETHANE	29 U		0.76	29	UG/M3	29 U	
EPD-WA-01-102123	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.47	2.3	UG/M3	2.3 U	
EPD-WA-01-102123	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.076	0.68	UG/M3	0.68 U	
EPD-WA-01-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.11	0.67	UG/M3	0.67 U	
EPD-WA-01-102123	TO-15	98-82-8	CUMENE	0.73 U		0.1	0.73	UG/M3	0.73 U	
EPD-WA-01-102123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.4	2.5	UG/M3	2.5 U	
EPD-WA-01-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-102123	TO-15	64-17-5	ETHANOL	9.8		2	5.6	UG/M3	9.8	J+
EPD-WA-01-102123	TO-15	75-69-4	FREON 11	1.3		0.14	0.83	UG/M3	1.3	
EPD-WA-01-102123	TO-15	76-13-1	FREON 113	0.44	J	0.19	1.1	UG/M3	0.44	J
EPD-WA-01-102123	TO-15	142-82-5	HEPTANE	3	U	0.55	3	UG/M3	3.0	U
EPD-WA-01-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	1.2	7.9	UG/M3	7.9	U
EPD-WA-01-102123	TO-15	110-54-3	HEXANE	2.6	U	0.24	2.6	UG/M3	2.6	U
EPD-WA-01-102123	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.42	1	UG/M3	1.0	U
EPD-WA-01-102123	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.1	0.73	UG/M3	0.73	U
EPD-WA-01-102123	TO-15	100-42-5	STYRENE	0.067	J	0.052	0.63	UG/M3	0.067	J
EPD-WA-01-102123	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.48	2.2	UG/M3	2.2	U
EPD-WA-01-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.11	0.67	UG/M3	0.67	U
EPD-WA-01-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.034	0.16	UG/M3	0.16	U
EPD-WA-01-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.033	0.2	UG/M3	0.20	U
EPD-WA-01-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-WA-01-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.027	0.12	UG/M3	0.12	U
EPD-WA-01-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-01-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.027	0.23	UG/M3	0.23	U
EPD-WA-01-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.079	J	0.026	0.12	UG/M3	0.079	J
EPD-WA-01-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.072	0.18	UG/M3	0.18	U
EPD-WA-01-102123	TO-15 SIM	71-43-2	BENZENE	0.41		0.048	0.24	UG/M3	0.41	
EPD-WA-01-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.038	0.19	UG/M3	0.50	
EPD-WA-01-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-01-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.099	J	0.031	0.14	UG/M3	0.099	J
EPD-WA-01-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.94	J	0.025	1.5	UG/M3	0.94	J
EPD-WA-01-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.031	0.12	UG/M3	0.12	U
EPD-WA-01-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.086	J	0.02	0.13	UG/M3	0.086	J
EPD-WA-01-102123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.057	0.21	UG/M3	0.13	J
EPD-WA-01-102123	TO-15 SIM	75-71-8	FREON 12	3		0.042	0.36	UG/M3	3.0	
EPD-WA-01-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.27		0.031	0.26	UG/M3	0.27	
EPD-WA-01-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.011	0.53	UG/M3	0.53	U
EPD-WA-01-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.061	J	0.018	0.39	UG/M3	0.39	U
EPD-WA-01-102123	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.026	0.13	UG/M3	0.11	J
EPD-WA-01-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.044	J	0.039	0.2	UG/M3	0.044	J
EPD-WA-01-102123	TO-15 SIM	108-88-3	TOLUENE	0.6		0.034	0.28	UG/M3	0.60	
EPD-WA-01-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.028	0.59	UG/M3	0.59	U
EPD-WA-01-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.032	0.16	UG/M3	0.16	U
EPD-WA-01-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.016	0.038	UG/M3	0.038	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7 U		0.75	5.7	UG/M3	5.7 U	
EPD-WA-02-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.1 J		0.096	0.76	UG/M3	0.10 J	
EPD-WA-02-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92 U		0.1	0.92	UG/M3	0.92 U	
EPD-WA-02-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-02-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.087	0.76	UG/M3	0.76 U	
EPD-WA-02-102123	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.049	0.34	UG/M3	0.34 U	
EPD-WA-02-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92 U		0.17	0.92	UG/M3	0.92 U	
EPD-WA-02-102123	TO-15	123-91-1	1,4-DIOXANE	0.55 U		0.2	0.55	UG/M3	0.55 U	
EPD-WA-02-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U		0.57	3.6	UG/M3	3.6 U	
EPD-WA-02-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3 U		0.54	2.3	UG/M3	2.3 U	
EPD-WA-02-102123	TO-15	591-78-6	2-HEXANONE	3.2 U		0.45	3.2	UG/M3	3.2 U	
EPD-WA-02-102123	TO-15	67-63-0	2-PROPANOL	7.6 U		2	7.6	UG/M3	7.6 U	
EPD-WA-02-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.66	2.4	UG/M3	2.4 U	
EPD-WA-02-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.1	0.76	UG/M3	0.76 U	
EPD-WA-02-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-02-102123	TO-15	67-64-1	ACETONE	4.5 J		1.1	7.3	UG/M3	4.5 J	
EPD-WA-02-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.094	0.8	UG/M3	0.80 U	
EPD-WA-02-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.15	1	UG/M3	1.0 U	
EPD-WA-02-102123	TO-15	75-25-2	BROMOFORM	1.6 U		0.21	1.6	UG/M3	1.6 U	
EPD-WA-02-102123	TO-15	74-83-9	BROMOMETHANE	30 U		0.78	30	UG/M3	30 U	
EPD-WA-02-102123	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.49	2.4	UG/M3	2.4 U	
EPD-WA-02-102123	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.079	0.71	UG/M3	0.71 U	
EPD-WA-02-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.11	0.7	UG/M3	0.70 U	
EPD-WA-02-102123	TO-15	98-82-8	CUMENE	0.76 U		0.1	0.76	UG/M3	0.76 U	
EPD-WA-02-102123	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.42	2.6	UG/M3	2.6 U	
EPD-WA-02-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	
EPD-WA-02-102123	TO-15	64-17-5	ETHANOL	2.6 J		2.1	5.8	UG/M3	2.6 J+	
EPD-WA-02-102123	TO-15	75-69-4	FREON 11	1.3		0.14	0.86	UG/M3	1.3	
EPD-WA-02-102123	TO-15	76-13-1	FREON 113	0.45 J		0.19	1.2	UG/M3	0.45 J	
EPD-WA-02-102123	TO-15	142-82-5	HEPTANE	3.2 U		0.58	3.2	UG/M3	3.2 U	
EPD-WA-02-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2 U		1.2	8.2	UG/M3	8.2 U	
EPD-WA-02-102123	TO-15	110-54-3	HEXANE	2.7 U		0.25	2.7	UG/M3	2.7 U	
EPD-WA-02-102123	TO-15	75-09-2	METHYLENE CHLORIDE	0.46 J		0.44	1.1	UG/M3	0.46 J	
EPD-WA-02-102123	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.11	0.76	UG/M3	0.76 U	
EPD-WA-02-102123	TO-15	100-42-5	STYRENE	0.66 U		0.054	0.66	UG/M3	0.66 U	
EPD-WA-02-102123	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.5	2.3	UG/M3	2.3 U	
EPD-WA-02-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.11	0.7	UG/M3	0.70 U	
EPD-WA-02-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.035	0.17	UG/M3	0.17 U	
EPD-WA-02-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.035	0.21	UG/M3	0.21 U	
EPD-WA-02-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.021	0.17	UG/M3	0.17 U	
EPD-WA-02-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-02-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-WA-02-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.028	0.24	UG/M3	0.24 U	
EPD-WA-02-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.075 J		0.027	0.12	UG/M3	0.075 J	
EPD-WA-02-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.075	0.18	UG/M3	0.18 U	
EPD-WA-02-102123	TO-15 SIM	71-43-2	BENZENE	0.43		0.05	0.24	UG/M3	0.43	
EPD-WA-02-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.04	0.19	UG/M3	0.50	
EPD-WA-02-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-WA-02-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.032	0.15	UG/M3	0.10 J	
EPD-WA-02-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92 J		0.026	1.6	UG/M3	0.92 J	
EPD-WA-02-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.033	0.12	UG/M3	0.12 U	
EPD-WA-02-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.085 J		0.021	0.13	UG/M3	0.085 J	
EPD-WA-02-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.059	0.22	UG/M3	0.12 J	
EPD-WA-02-102123	TO-15 SIM	75-71-8	FREON 12	3		0.044	0.38	UG/M3	3.0	
EPD-WA-02-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23 J		0.033	0.27	UG/M3	0.23 J	
EPD-WA-02-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.012	0.56	UG/M3	0.56 U	
EPD-WA-02-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.046 J		0.019	0.4	UG/M3	0.40 U	
EPD-WA-02-102123	TO-15 SIM	95-47-6	O-XYLENE	0.092 J		0.027	0.13	UG/M3	0.092 J	
EPD-WA-02-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.041	0.21	UG/M3	0.21 U	
EPD-WA-02-102123	TO-15 SIM	108-88-3	TOLUENE	0.66		0.036	0.29	UG/M3	0.66	
EPD-WA-02-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61 U		0.029	0.61	UG/M3	0.61 U	
EPD-WA-02-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.034	0.16	UG/M3	0.16 U	
EPD-WA-02-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.017	0.039	UG/M3	0.039 U	
EPD-WA-03-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		0.67	5.1	UG/M3	5.1 U	
EPD-WA-03-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.099 J		0.085	0.67	UG/M3	0.099 J	
EPD-WA-03-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82 U		0.091	0.82	UG/M3	0.82 U	
EPD-WA-03-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63 U		0.13	0.63	UG/M3	0.63 U	
EPD-WA-03-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.67 U		0.078	0.67	UG/M3	0.67 U	
EPD-WA-03-102123	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.044	0.3	UG/M3	0.30 U	
EPD-WA-03-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82 U		0.15	0.82	UG/M3	0.82 U	
EPD-WA-03-102123	TO-15	123-91-1	1,4-DIOXANE	0.49 U		0.18	0.49	UG/M3	0.49 U	
EPD-WA-03-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.5	3.2	UG/M3	3.2 U	
EPD-WA-03-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1 J		0.48	2	UG/M3	1.0 J	
EPD-WA-03-102123	TO-15	591-78-6	2-HEXANONE	2.8 U		0.4	2.8	UG/M3	2.8 U	
EPD-WA-03-102123	TO-15	67-63-0	2-PROPANOL	6.7 U		1.8	6.7	UG/M3	6.7 U	
EPD-WA-03-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		0.59	2.1	UG/M3	2.1 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.67	U	0.089	0.67	UG/M3	0.67	U
EPD-WA-03-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.25	J	0.15	0.56	UG/M3	0.25	J
EPD-WA-03-102123	TO-15	67-64-1	ACETONE	7.1		0.99	6.5	UG/M3	7.1	
EPD-WA-03-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.084	0.71	UG/M3	0.71	U
EPD-WA-03-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.14	0.92	UG/M3	0.92	U
EPD-WA-03-102123	TO-15	75-25-2	BROMOFORM	1.4	U	0.19	1.4	UG/M3	1.4	U
EPD-WA-03-102123	TO-15	74-83-9	BROMOMETHANE	27	U	0.7	27	UG/M3	27	U
EPD-WA-03-102123	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.44	2.1	UG/M3	2.1	U
EPD-WA-03-102123	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.071	0.63	UG/M3	0.63	U
EPD-WA-03-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-WA-03-102123	TO-15	98-82-8	CUMENE	0.67	U	0.093	0.67	UG/M3	0.67	U
EPD-WA-03-102123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.37	2.4	UG/M3	2.4	U
EPD-WA-03-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.13	1.2	UG/M3	1.2	U
EPD-WA-03-102123	TO-15	64-17-5	ETHANOL	2.4	J	1.9	5.2	UG/M3	2.4	J+
EPD-WA-03-102123	TO-15	75-69-4	FREON 11	1.2		0.13	0.77	UG/M3	1.2	
EPD-WA-03-102123	TO-15	76-13-1	FREON 113	0.45	J	0.17	1	UG/M3	0.45	J
EPD-WA-03-102123	TO-15	142-82-5	HEPTANE	2.8	U	0.51	2.8	UG/M3	2.8	U
EPD-WA-03-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.3	U	1.1	7.3	UG/M3	7.3	U
EPD-WA-03-102123	TO-15	110-54-3	HEXANE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-03-102123	TO-15	75-09-2	METHYLENE CHLORIDE	0.46	J	0.39	0.95	UG/M3	0.46	J
EPD-WA-03-102123	TO-15	103-65-1	PROPYLBENZENE	0.67	U	0.096	0.67	UG/M3	0.67	U
EPD-WA-03-102123	TO-15	100-42-5	STYRENE	0.58	U	0.048	0.58	UG/M3	0.58	U
EPD-WA-03-102123	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.45	2	UG/M3	2.0	U
EPD-WA-03-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-WA-03-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.032	0.15	UG/M3	0.15	U
EPD-WA-03-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.031	0.19	UG/M3	0.19	U
EPD-WA-03-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3	0.15	U
EPD-WA-03-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.025	0.11	UG/M3	0.11	U
EPD-WA-03-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.021	0.054	UG/M3	0.054	U
EPD-WA-03-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.025	0.21	UG/M3	0.21	U
EPD-WA-03-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.074	J	0.024	0.11	UG/M3	0.074	J
EPD-WA-03-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.067	0.16	UG/M3	0.16	U
EPD-WA-03-102123	TO-15 SIM	71-43-2	BENZENE	0.36		0.045	0.22	UG/M3	0.36	
EPD-WA-03-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.035	0.17	UG/M3	0.49	
EPD-WA-03-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.019	0.18	UG/M3	0.18	U
EPD-WA-03-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.098	J	0.029	0.13	UG/M3	0.098	J
EPD-WA-03-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.023	1.4	UG/M3	1.0	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.029	0.11	UG/M3	0.11 U	
EPD-WA-03-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.066 J		0.018	0.12	UG/M3	0.066 J	
EPD-WA-03-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.053	0.19	UG/M3	0.12 J	
EPD-WA-03-102123	TO-15 SIM	75-71-8	FREON 12	3		0.039	0.34	UG/M3	3.0	
EPD-WA-03-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.19 J		0.029	0.24	UG/M3	0.19 J	
EPD-WA-03-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49 U		0.01	0.49	UG/M3	0.49 U	
EPD-WA-03-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.07 J		0.017	0.36	UG/M3	0.36 U	
EPD-WA-03-102123	TO-15 SIM	95-47-6	O-XYLENE	0.067 J		0.024	0.12	UG/M3	0.067 J	
EPD-WA-03-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 U		0.036	0.18	UG/M3	0.18 U	
EPD-WA-03-102123	TO-15 SIM	108-88-3	TOLUENE	0.74		0.032	0.26	UG/M3	0.74	
EPD-WA-03-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.048 J		0.026	0.54	UG/M3	0.048 J	
EPD-WA-03-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-WA-03-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035 U		0.015	0.035	UG/M3	0.035 U	
EPD-WA-04-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		0.71	5.4	UG/M3	5.4 U	
EPD-WA-04-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.13 J		0.09	0.71	UG/M3	0.13 J	
EPD-WA-04-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U		0.096	0.87	UG/M3	0.87 U	
EPD-WA-04-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.13	0.67	UG/M3	0.67 U	
EPD-WA-04-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.082	0.71	UG/M3	0.71 U	
EPD-WA-04-102123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.046	0.32	UG/M3	0.32 U	
EPD-WA-04-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U		0.16	0.87	UG/M3	0.87 U	
EPD-WA-04-102123	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.19	0.52	UG/M3	0.52 U	
EPD-WA-04-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.53	3.4	UG/M3	3.4 U	
EPD-WA-04-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.53 J		0.51	2.1	UG/M3	0.53 J	
EPD-WA-04-102123	TO-15	591-78-6	2-HEXANONE	3 U		0.42	3	UG/M3	3.0 U	
EPD-WA-04-102123	TO-15	67-63-0	2-PROPANOL	7.1 U		1.9	7.1	UG/M3	7.1 U	
EPD-WA-04-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.62	2.3	UG/M3	2.3 U	
EPD-WA-04-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.094	0.71	UG/M3	0.71 U	
EPD-WA-04-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.16	0.59	UG/M3	0.59 U	
EPD-WA-04-102123	TO-15	67-64-1	ACETONE	5.5 J		1	6.9	UG/M3	5.5 J	
EPD-WA-04-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.089	0.75	UG/M3	0.75 U	
EPD-WA-04-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.14	0.97	UG/M3	0.97 U	
EPD-WA-04-102123	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-WA-04-102123	TO-15	74-83-9	BROMOMETHANE	28 U		0.74	28	UG/M3	28 U	
EPD-WA-04-102123	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.46	2.2	UG/M3	2.2 U	
EPD-WA-04-102123	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.075	0.67	UG/M3	0.67 U	
EPD-WA-04-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-04-102123	TO-15	98-82-8	CUMENE	0.71 U		0.098	0.71	UG/M3	0.71 U	
EPD-WA-04-102123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.39	2.5	UG/M3	2.5 U	
EPD-WA-04-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-102123	TO-15	64-17-5	ETHANOL	17		2	5.5	UG/M3	17 J+	
EPD-WA-04-102123	TO-15	75-69-4	FREON 11	1.4		0.14	0.81	UG/M3	1.4	
EPD-WA-04-102123	TO-15	76-13-1	FREON 113	0.45 J		0.18	1.1	UG/M3	0.45 J	
EPD-WA-04-102123	TO-15	142-82-5	HEPTANE	3 U		0.54	3	UG/M3	3.0 U	
EPD-WA-04-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		1.1	7.7	UG/M3	7.7 U	
EPD-WA-04-102123	TO-15	110-54-3	HEXANE	0.34 J		0.23	2.6	UG/M3	0.34 J	
EPD-WA-04-102123	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.41	1	UG/M3	1.0 U	
EPD-WA-04-102123	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.1	0.71	UG/M3	0.71 U	
EPD-WA-04-102123	TO-15	100-42-5	STYRENE	0.62 U		0.051	0.62	UG/M3	0.62 U	
EPD-WA-04-102123	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.48	2.1	UG/M3	2.1 U	
EPD-WA-04-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-WA-04-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-WA-04-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.033	0.2	UG/M3	0.20 U	
EPD-WA-04-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-WA-04-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.026	0.12	UG/M3	0.12 U	
EPD-WA-04-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-WA-04-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.026	0.22	UG/M3	0.22 U	
EPD-WA-04-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.077 J		0.025	0.12	UG/M3	0.077 J	
EPD-WA-04-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.071	0.17	UG/M3	0.17 U	
EPD-WA-04-102123	TO-15 SIM	71-43-2	BENZENE	0.64		0.048	0.23	UG/M3	0.64	
EPD-WA-04-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.037	0.18	UG/M3	0.49	
EPD-WA-04-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-WA-04-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.099 J		0.031	0.14	UG/M3	0.099 J	
EPD-WA-04-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.93 J		0.025	1.5	UG/M3	0.93 J	
EPD-WA-04-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.031	0.11	UG/M3	0.11 U	
EPD-WA-04-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.02	0.12	UG/M3	0.10 J	
EPD-WA-04-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.056	0.2	UG/M3	0.12 J	
EPD-WA-04-102123	TO-15 SIM	75-71-8	FREON 12	3		0.041	0.36	UG/M3	3.0	
EPD-WA-04-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.031	0.25	UG/M3	0.30	
EPD-WA-04-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.011	0.52	UG/M3	0.52 U	
EPD-WA-04-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.074 J		0.018	0.38	UG/M3	0.38 U	
EPD-WA-04-102123	TO-15 SIM	95-47-6	O-XYLENE	0.12 J		0.025	0.12	UG/M3	0.12 J	
EPD-WA-04-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.049 J		0.038	0.2	UG/M3	0.049 J	
EPD-WA-04-102123	TO-15 SIM	108-88-3	TOLUENE	0.68		0.034	0.27	UG/M3	0.68	
EPD-WA-04-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.028	0.57	UG/M3	0.57 U	
EPD-WA-04-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-WA-04-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.016	0.037	UG/M3	0.037 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9 U		0.78	5.9	UG/M3	5.9 U	
EPD-WA-05-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22 J		0.099	0.78	UG/M3	0.22 J	
EPD-WA-05-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.96 U		0.1	0.96	UG/M3	0.96 U	
EPD-WA-05-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73 U		0.15	0.73	UG/M3	0.73 U	
EPD-WA-05-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78 U		0.09	0.78	UG/M3	0.78 U	
EPD-WA-05-102123	TO-15	106-99-0	1,3-BUTADIENE	0.35 U		0.05	0.35	UG/M3	0.35 U	
EPD-WA-05-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.96 U		0.17	0.96	UG/M3	0.96 U	
EPD-WA-05-102123	TO-15	123-91-1	1,4-DIOXANE	0.57 U		0.21	0.57	UG/M3	0.57 U	
EPD-WA-05-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.7 U		0.58	3.7	UG/M3	3.7 U	
EPD-WA-05-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3 U		0.56	2.3	UG/M3	2.3 U	
EPD-WA-05-102123	TO-15	591-78-6	2-HEXANONE	3.2 U		0.46	3.2	UG/M3	3.2 U	
EPD-WA-05-102123	TO-15	67-63-0	2-PROPANOL	7.8 U		2.1	7.8	UG/M3	7.8 U	
EPD-WA-05-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.5 U		0.68	2.5	UG/M3	2.5 U	
EPD-WA-05-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.78 U		0.1	0.78	UG/M3	0.78 U	
EPD-WA-05-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65 U		0.17	0.65	UG/M3	0.65 U	
EPD-WA-05-102123	TO-15	67-64-1	ACETONE	5.4 J		1.1	7.6	UG/M3	5.4 J	
EPD-WA-05-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82 U		0.097	0.82	UG/M3	0.82 U	
EPD-WA-05-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.16	1.1	UG/M3	1.1 U	
EPD-WA-05-102123	TO-15	75-25-2	BROMOFORM	1.6 U		0.22	1.6	UG/M3	1.6 U	
EPD-WA-05-102123	TO-15	74-83-9	BROMOMETHANE	31 U		0.81	31	UG/M3	31 U	
EPD-WA-05-102123	TO-15	75-15-0	CARBON DISULFIDE	2.5 U		0.51	2.5	UG/M3	2.5 U	
EPD-WA-05-102123	TO-15	108-90-7	CHLOROBENZENE	0.73 U		0.082	0.73	UG/M3	0.73 U	
EPD-WA-05-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72 U		0.12	0.72	UG/M3	0.72 U	
EPD-WA-05-102123	TO-15	98-82-8	CUMENE	0.78 U		0.11	0.78	UG/M3	0.78 U	
EPD-WA-05-102123	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.43	2.7	UG/M3	2.7 U	
EPD-WA-05-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.15	1.4	UG/M3	1.4 U	
EPD-WA-05-102123	TO-15	64-17-5	ETHANOL	3.9 J		2.2	6	UG/M3	3.9 J+	
EPD-WA-05-102123	TO-15	75-69-4	FREON 11	1.3		0.15	0.89	UG/M3	1.3	
EPD-WA-05-102123	TO-15	76-13-1	FREON 113	0.41 J		0.2	1.2	UG/M3	0.41 J	
EPD-WA-05-102123	TO-15	142-82-5	HEPTANE	3.2 U		0.59	3.2	UG/M3	3.2 U	
EPD-WA-05-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.5 U		1.2	8.5	UG/M3	8.5 U	
EPD-WA-05-102123	TO-15	110-54-3	HEXANE	0.43 J		0.26	2.8	UG/M3	0.43 J	
EPD-WA-05-102123	TO-15	75-09-2	METHYLENE CHLORIDE	1.1 U		0.45	1.1	UG/M3	1.1 U	
EPD-WA-05-102123	TO-15	103-65-1	PROPYLBENZENE	0.78 U		0.11	0.78	UG/M3	0.78 U	
EPD-WA-05-102123	TO-15	100-42-5	STYRENE	0.68 U		0.056	0.68	UG/M3	0.68 U	
EPD-WA-05-102123	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.52	2.3	UG/M3	2.3 U	
EPD-WA-05-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72 U		0.12	0.72	UG/M3	0.72 U	
EPD-WA-05-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.037	0.17	UG/M3	0.17 U	
EPD-WA-05-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22 U		0.036	0.22	UG/M3	0.22 U	
EPD-WA-05-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.021	0.17	UG/M3	0.17 U	
EPD-WA-05-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U		0.029	0.13	UG/M3	0.13 U	
EPD-WA-05-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063 U		0.024	0.063	UG/M3	0.063 U	
EPD-WA-05-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.029	0.24	UG/M3	0.24 U	
EPD-WA-05-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.076 J		0.028	0.13	UG/M3	0.076 J	
EPD-WA-05-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.078	0.19	UG/M3	0.19 U	
EPD-WA-05-102123	TO-15 SIM	71-43-2	BENZENE	0.62		0.052	0.25	UG/M3	0.62	
EPD-WA-05-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.041	0.2	UG/M3	0.50	
EPD-WA-05-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.21 U		0.022	0.21	UG/M3	0.21 U	
EPD-WA-05-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.034	0.16	UG/M3	0.10 J	
EPD-WA-05-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92 J		0.027	1.6	UG/M3	0.92 J	
EPD-WA-05-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.034	0.13	UG/M3	0.13 U	
EPD-WA-05-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.7		0.022	0.14	UG/M3	0.70	
EPD-WA-05-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.061	0.22	UG/M3	0.12 J	
EPD-WA-05-102123	TO-15 SIM	75-71-8	FREON 12	3		0.045	0.39	UG/M3	3.0	
EPD-WA-05-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	2.2		0.034	0.28	UG/M3	2.2	
EPD-WA-05-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57 U		0.012	0.57	UG/M3	0.57 U	
EPD-WA-05-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.054 J		0.02	0.42	UG/M3	0.42 U	
EPD-WA-05-102123	TO-15 SIM	95-47-6	O-XYLENE	0.66		0.028	0.14	UG/M3	0.66	
EPD-WA-05-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.046 J		0.042	0.22	UG/M3	0.046 J	
EPD-WA-05-102123	TO-15 SIM	108-88-3	TOLUENE	11		0.037	0.3	UG/M3	11	
EPD-WA-05-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.63 U		0.03	0.63	UG/M3	0.63 U	
EPD-WA-05-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.035	0.17	UG/M3	0.17 U	
EPD-WA-05-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.041 U		0.017	0.041	UG/M3	0.041 U	
EPD-WA-06-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.9 U		0.65	4.9	UG/M3	4.9 U	
EPD-WA-06-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.65 U		0.083	0.65	UG/M3	0.65 U	
EPD-WA-06-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.8 U		0.088	0.8	UG/M3	0.80 U	
EPD-WA-06-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-06-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.65 U		0.075	0.65	UG/M3	0.65 U	
EPD-WA-06-102123	TO-15	106-99-0	1,3-BUTADIENE	0.29 U		0.042	0.29	UG/M3	0.29 U	
EPD-WA-06-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.8 U		0.14	0.8	UG/M3	0.80 U	
EPD-WA-06-102123	TO-15	123-91-1	1,4-DIOXANE	0.48 U		0.17	0.48	UG/M3	0.48 U	
EPD-WA-06-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.1 U		0.49	3.1	UG/M3	3.1 U	
EPD-WA-06-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.54 J		0.47	2	UG/M3	0.54 J	
EPD-WA-06-102123	TO-15	591-78-6	2-HEXANONE	2.7 U		0.38	2.7	UG/M3	2.7 U	
EPD-WA-06-102123	TO-15	67-63-0	2-PROPANOL	6.5 U		1.8	6.5	UG/M3	6.5 U	
EPD-WA-06-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		0.57	2.1	UG/M3	2.1 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.65 U		0.086	0.65	UG/M3	0.65 U	
EPD-WA-06-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.54 U		0.14	0.54	UG/M3	0.54 U	
EPD-WA-06-102123	TO-15	67-64-1	ACETONE	5.7 J		0.96	6.3	UG/M3	5.7 J	
EPD-WA-06-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69 U		0.082	0.69	UG/M3	0.69 U	
EPD-WA-06-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.89 U		0.13	0.89	UG/M3	0.89 U	
EPD-WA-06-102123	TO-15	75-25-2	BROMOFORM	1.4 U		0.18	1.4	UG/M3	1.4 U	
EPD-WA-06-102123	TO-15	74-83-9	BROMOMETHANE	26 U		0.68	26	UG/M3	26 U	
EPD-WA-06-102123	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.42	2.1	UG/M3	2.1 U	
EPD-WA-06-102123	TO-15	108-90-7	CHLOROBENZENE	0.61 U		0.069	0.61	UG/M3	0.61 U	
EPD-WA-06-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.6 U		0.099	0.6	UG/M3	0.60 U	
EPD-WA-06-102123	TO-15	98-82-8	CUMENE	0.65 U		0.09	0.65	UG/M3	0.65 U	
EPD-WA-06-102123	TO-15	110-82-7	CYCLOHEXANE	2.3 U		0.36	2.3	UG/M3	2.3 U	
EPD-WA-06-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1 U		0.12	1.1	UG/M3	1.1 U	
EPD-WA-06-102123	TO-15	64-17-5	ETHANOL	3.1 J		1.8	5	UG/M3	3.1 J+	
EPD-WA-06-102123	TO-15	75-69-4	FREON 11	1.3		0.13	0.75	UG/M3	1.3	
EPD-WA-06-102123	TO-15	76-13-1	FREON 113	0.48 J		0.17	1	UG/M3	0.48 J	
EPD-WA-06-102123	TO-15	142-82-5	HEPTANE	2.7 U		0.5	2.7	UG/M3	2.7 U	
EPD-WA-06-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1 U		1	7.1	UG/M3	7.1 U	
EPD-WA-06-102123	TO-15	110-54-3	HEXANE	2.3 U		0.21	2.3	UG/M3	2.3 U	
EPD-WA-06-102123	TO-15	75-09-2	METHYLENE CHLORIDE	0.92 U		0.38	0.92	UG/M3	0.92 U	
EPD-WA-06-102123	TO-15	103-65-1	PROPYLBENZENE	0.65 U		0.094	0.65	UG/M3	0.65 U	
EPD-WA-06-102123	TO-15	100-42-5	STYRENE	0.57 U		0.047	0.57	UG/M3	0.57 U	
EPD-WA-06-102123	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.44	2	UG/M3	2.0 U	
EPD-WA-06-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.6 U		0.097	0.6	UG/M3	0.60 U	
EPD-WA-06-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14 U		0.031	0.14	UG/M3	0.14 U	
EPD-WA-06-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18 U		0.03	0.18	UG/M3	0.18 U	
EPD-WA-06-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14 U		0.018	0.14	UG/M3	0.14 U	
EPD-WA-06-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.024	0.11	UG/M3	0.11 U	
EPD-WA-06-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053 U		0.02	0.053	UG/M3	0.053 U	
EPD-WA-06-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2 U		0.024	0.2	UG/M3	0.20 U	
EPD-WA-06-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.078 J		0.023	0.11	UG/M3	0.078 J	
EPD-WA-06-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 U		0.065	0.16	UG/M3	0.16 U	
EPD-WA-06-102123	TO-15 SIM	71-43-2	BENZENE	0.34		0.044	0.21	UG/M3	0.34	
EPD-WA-06-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.034	0.17	UG/M3	0.50	
EPD-WA-06-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.019	0.18	UG/M3	0.18 U	
EPD-WA-06-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.098 J		0.028	0.13	UG/M3	0.098 J	
EPD-WA-06-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	1 J		0.023	1.4	UG/M3	1.0 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1 U		0.028	0.1	UG/M3	0.10 U	
EPD-WA-06-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.07 J		0.018	0.12	UG/M3	0.070 J	
EPD-WA-06-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.051	0.18	UG/M3	0.12 J	
EPD-WA-06-102123	TO-15 SIM	75-71-8	FREON 12	3		0.038	0.33	UG/M3	3.0	
EPD-WA-06-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.2 J		0.028	0.23	UG/M3	0.20 J	
EPD-WA-06-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48 U		0.01	0.48	UG/M3	0.48 U	
EPD-WA-06-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.072 J		0.016	0.35	UG/M3	0.35 U	
EPD-WA-06-102123	TO-15 SIM	95-47-6	O-XYLENE	0.07 J		0.023	0.12	UG/M3	0.070 J	
EPD-WA-06-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.039 J		0.035	0.18	UG/M3	0.039 J	
EPD-WA-06-102123	TO-15 SIM	108-88-3	TOLUENE	0.75		0.031	0.25	UG/M3	0.75	
EPD-WA-06-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.53 U		0.025	0.53	UG/M3	0.53 U	
EPD-WA-06-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14 U		0.029	0.14	UG/M3	0.14 U	
EPD-WA-06-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034 U		0.015	0.034	UG/M3	0.034 U	
EPD-WA-44-102123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-WA-44-102123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.13 J		0.087	0.68	UG/M3	0.13 J	
EPD-WA-44-102123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.092	0.84	UG/M3	0.84 U	
EPD-WA-44-102123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-WA-44-102123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.079	0.68	UG/M3	0.68 U	
EPD-WA-44-102123	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.044	0.31	UG/M3	0.31 U	
EPD-WA-44-102123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.15	0.84	UG/M3	0.84 U	
EPD-WA-44-102123	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.18	0.5	UG/M3	0.50 UJ	
EPD-WA-44-102123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.51	3.2	UG/M3	3.2 U	
EPD-WA-44-102123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.84 J		0.49	2	UG/M3	0.84 J	
EPD-WA-44-102123	TO-15	591-78-6	2-HEXANONE	2.8 U		0.4	2.8	UG/M3	2.8 U	
EPD-WA-44-102123	TO-15	67-63-0	2-PROPANOL	2.7 J		1.8	6.8	UG/M3	2.7 J	
EPD-WA-44-102123	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-44-102123	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U		0.09	0.68	UG/M3	0.68 U	
EPD-WA-44-102123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.15	0.57	UG/M3	0.57 U	
EPD-WA-44-102123	TO-15	67-64-1	ACETONE	9		1	6.6	UG/M3	9.0	
EPD-WA-44-102123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.085	0.72	UG/M3	0.72 U	
EPD-WA-44-102123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93 U		0.14	0.93	UG/M3	0.93 U	
EPD-WA-44-102123	TO-15	75-25-2	BROMOFORM	1.4 U		0.19	1.4	UG/M3	1.4 U	
EPD-WA-44-102123	TO-15	74-83-9	BROMOMETHANE	27 U		0.71	27	UG/M3	27 U	
EPD-WA-44-102123	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-44-102123	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.072	0.64	UG/M3	0.64 U	
EPD-WA-44-102123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-44-102123	TO-15	98-82-8	CUMENE	0.68 U		0.094	0.68	UG/M3	0.68 U	
EPD-WA-44-102123	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.38	2.4	UG/M3	2.4 U	
EPD-WA-44-102123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-102123	TO-15	64-17-5	ETHANOL	18		1.9	5.2	UG/M3	18 J+	
EPD-WA-44-102123	TO-15	75-69-4	FREON 11	1.3		0.13	0.78	UG/M3	1.3	
EPD-WA-44-102123	TO-15	76-13-1	FREON 113	0.4 J		0.18	1.1	UG/M3	0.40 J	
EPD-WA-44-102123	TO-15	142-82-5	HEPTANE	2.8 U		0.52	2.8	UG/M3	2.8 U	
EPD-WA-44-102123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		1.1	7.4	UG/M3	7.4 U	
EPD-WA-44-102123	TO-15	110-54-3	HEXANE	0.34 J		0.22	2.4	UG/M3	0.34 J	
EPD-WA-44-102123	TO-15	75-09-2	METHYLENE CHLORIDE	0.96 U		0.4	0.96	UG/M3	0.96 U	
EPD-WA-44-102123	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.098	0.68	UG/M3	0.68 U	
EPD-WA-44-102123	TO-15	100-42-5	STYRENE	0.59 U		0.049	0.59	UG/M3	0.59 U	
EPD-WA-44-102123	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.46	2	UG/M3	2.0 U	
EPD-WA-44-102123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-44-102123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-44-102123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-44-102123	TO-15	NA	UNKNOWN TIC	0.98 J				PPBV	0.98 J	
EPD-WA-44-102123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.032	0.15	UG/M3	0.15 U	
EPD-WA-44-102123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.031	0.19	UG/M3	0.19 U	
EPD-WA-44-102123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-44-102123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.025	0.11	UG/M3	0.11 U	
EPD-WA-44-102123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.021	0.055	UG/M3	0.055 U	
EPD-WA-44-102123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.025	0.21	UG/M3	0.21 U	
EPD-WA-44-102123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.076 J		0.024	0.11	UG/M3	0.076 J	
EPD-WA-44-102123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.068	0.17	UG/M3	0.17 U	
EPD-WA-44-102123	TO-15 SIM	71-43-2	BENZENE	0.65		0.046	0.22	UG/M3	0.65	
EPD-WA-44-102123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.036	0.17	UG/M3	0.49	
EPD-WA-44-102123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-44-102123	TO-15 SIM	67-66-3	CHLOROFORM	0.098 J		0.029	0.14	UG/M3	0.098 J	
EPD-WA-44-102123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.99 J		0.024	1.4	UG/M3	0.99 J	
EPD-WA-44-102123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-WA-44-102123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098 J		0.019	0.12	UG/M3	0.098 J	
EPD-WA-44-102123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.054	0.19	UG/M3	0.12 J	
EPD-WA-44-102123	TO-15 SIM	75-71-8	FREON 12	3		0.039	0.34	UG/M3	3.0	
EPD-WA-44-102123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.029	0.24	UG/M3	0.30	
EPD-WA-44-102123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.011	0.5	UG/M3	0.50 U	
EPD-WA-44-102123	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.017	0.36	UG/M3	0.36 U	
EPD-WA-44-102123	TO-15 SIM	95-47-6	O-XYLENE	0.12 J		0.024	0.12	UG/M3	0.12 J	
EPD-WA-44-102123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.094 J		0.037	0.19	UG/M3	0.094 J	
EPD-WA-44-102123	TO-15 SIM	108-88-3	TOLUENE	0.73		0.032	0.26	UG/M3	0.73	
EPD-WA-44-102123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.026	0.55	UG/M3	0.55 U	
EPD-WA-44-102123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.03	0.15	UG/M3	0.15 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310545

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-102123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.015	0.036	UG/M3	0.036	U