TETRA TECH

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July 25, 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

Subject: **Data Validation Reports**
E Palestine Site - ER
EPA Contract No.: 68HE0519D0005
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201
Document Tracking No. 1900

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting these data validation reports for thirty-five air samples (including four duplicate samples) collected at the E Palestine ER. The samples were collected from May 24 to 29, 2023, and were analyzed for volatile organic compounds (VOCs) by Eurofins Air Toxics of Folsom, California. The final laboratory data package was received on July 7, 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, EPA Region 5, 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).

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

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

Sincerely,

Diane MacMillan
Digitally signed by Diane MacMillan
Date: 2023.07.25 11:21:38 -06'00'

Chemical Engineer

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

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ATTACHMENT

DATA VALIDATION REPORTS
EUROFINS AIR TOXICS REPORT NOS. 2305560, 2305597, 2305624 AND 2305708

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1900a		
Laboratory Report No.	2305560	Laboratory	Eurofins Air Toxics, LLC, Folsom CA
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in both scan and selective ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples, including one field duplicate		
Collection Date(s)	05/24/2023		
Field Duplicate Pairs	EPD-WA-06-052423/EPD-WA-66-052423		
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, EPA Region 5, 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 the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	The residual canister receipt vacuum values in the laboratory report are positive and should not be. The laboratory was contacted and confirmed that all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15: Acetone was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). As acetone was detected in EPD-WA-03-052423 and EPD-WA-04-052423 at levels between the MDL and RL, results for this analyte in those samples were qualified as not detected (flagged U) at the RL. TO-15 SIM: 1,4-Dichlorobenzene, m,p-xylene, and o-xylene were detected in the method blank at a level between the MDL and RL. As all results for these analytes in the field samples were either non-detect or ten times greater than the amount found in the blank, no qualification of sample results was necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	A high RPD was observed for acetone in the field duplicate pair EPD-WA-06-052423/EPD-WA-66-052423. Acetone was qualified as estimated (flagged J) in both samples.

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: • EPD-DW-A-052423 was 1.44 • EPD-UW-E-052423 was 1.54 • EPD-WA-01-052423 was 1.50 • EPD-WA-02-052423 was 1.49 • EPD-WA-03-052423 was 1.82 • EPD-WA-04-052423 was 1.52 • EPD-WA-05-052423 was 1.48 • EPD-WA-06-052423 was 1.75 • EPD-WA-66-052423 was 1.57

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in all samples except EPD-WA-04-052423. The known TICs were qualified as tentatively identified (flagged NJ). The unknown TICs were qualified as estimated (flagged J). 2-Ethyl-1-hexanol and butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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.
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.
NF	The tentatively identified compound was manually searched for but not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-A-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-DW-A-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26	J	0.17	0.71	UG/M3	0.26	J
EPD-DW-A-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.14	0.86	UG/M3	0.86	U
EPD-DW-A-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-DW-A-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-DW-A-052423	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-DW-A-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.086	0.86	UG/M3	0.86	U
EPD-DW-A-052423	TO-15	123-91-1	1,4-DIOXANE	0.094	J	0.075	0.52	UG/M3	0.094	J
EPD-DW-A-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.34	J	0.22	3.4	UG/M3	0.34	J
EPD-DW-A-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.57	J	0.36	2.1	UG/M3	0.57	J
EPD-DW-A-052423	TO-15	591-78-6	2-HEXANONE	2.9	U	0.56	2.9	UG/M3	2.9	U
EPD-DW-A-052423	TO-15	67-63-0	2-PROPANOL	7.1	U	0.17	7.1	UG/M3	7.1	U
EPD-DW-A-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-DW-A-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.71	U	0.12	0.71	UG/M3	0.71	U
EPD-DW-A-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-DW-A-052423	TO-15	67-64-1	ACETONE	7		0.51	6.8	UG/M3	7.0	
EPD-DW-A-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.22	0.74	UG/M3	0.74	U
EPD-DW-A-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.12	0.96	UG/M3	0.96	U
EPD-DW-A-052423	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-DW-A-052423	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-DW-A-052423	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.099	2.2	UG/M3	2.2	U
EPD-DW-A-052423	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.076	0.66	UG/M3	0.66	U
EPD-DW-A-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-DW-A-052423	TO-15	98-82-8	CUMENE	0.71	U	0.065	0.71	UG/M3	0.71	U
EPD-DW-A-052423	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-DW-A-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-DW-A-052423	TO-15	64-17-5	ETHANOL	3.6	J	0.69	17	UG/M3	3.6	J
EPD-DW-A-052423	TO-15	75-69-4	FREON 11	1.3		0.12	0.81	UG/M3	1.3	
EPD-DW-A-052423	TO-15	76-13-1	FREON 113	0.42	J	0.11	1.1	UG/M3	0.42	J
EPD-DW-A-052423	TO-15	142-82-5	HEPTANE	3	U	0.41	3	UG/M3	3.0	U
EPD-DW-A-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.5	7.7	UG/M3	7.7	U
EPD-DW-A-052423	TO-15	110-54-3	HEXANE	0.38	J	0.23	2.5	UG/M3	0.38	J
EPD-DW-A-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.52	J	0.31	1	UG/M3	0.52	J
EPD-DW-A-052423	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-DW-A-052423	TO-15	100-42-5	STYRENE	0.61	U	0.1	0.61	UG/M3	0.61	U
EPD-DW-A-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-DW-A-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-DW-A-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-DW-A-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	0.76	NJ			PPBV	0.76	NJ
EPD-DW-A-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-DW-A-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-DW-A-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.084	0.2	UG/M3	0.20	U
EPD-DW-A-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-DW-A-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-DW-A-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-DW-A-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.078	0.22	UG/M3	0.22	U
EPD-DW-A-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.07	J	0.03	0.12	UG/M3	0.070	J
EPD-DW-A-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-DW-A-052423	TO-15 SIM	71-43-2	BENZENE	0.49		0.026	0.23	UG/M3	0.49	
EPD-DW-A-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.58		0.038	0.18	UG/M3	0.58	
EPD-DW-A-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.034	J	0.021	0.19	UG/M3	0.034	J
EPD-DW-A-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.12	J	0.021	0.14	UG/M3	0.12	J
EPD-DW-A-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1	J	0.3	1.5	UG/M3	1.1	J
EPD-DW-A-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-DW-A-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.18		0.012	0.12	UG/M3	0.18	
EPD-DW-A-052423	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-DW-A-052423	TO-15 SIM	75-71-8	FREON 12	2.7		0.026	0.36	UG/M3	2.7	
EPD-DW-A-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.67		0.0076	0.25	UG/M3	0.67	
EPD-DW-A-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-DW-A-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.11	0.38	UG/M3	0.17	J
EPD-DW-A-052423	TO-15 SIM	95-47-6	O-XYLENE	0.23		0.011	0.12	UG/M3	0.23	
EPD-DW-A-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-DW-A-052423	TO-15 SIM	108-88-3	TOLUENE	1.1		0.014	0.27	UG/M3	1.1	
EPD-DW-A-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-DW-A-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-DW-A-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.14		0.011	0.037	UG/M3	0.14	
EPD-UW-E-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	1.3	5.7	UG/M3	5.7	U
EPD-UW-E-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.34	J	0.18	0.76	UG/M3	0.34	J
EPD-UW-E-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	0.14	0.92	UG/M3	0.92	U
EPD-UW-E-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-UW-E-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-UW-E-052423	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-E-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	0.092	0.92	UG/M3	0.92	U
EPD-UW-E-052423	TO-15	123-91-1	1,4-DIOXANE	0.088	J	0.08	0.55	UG/M3	0.088	J
EPD-UW-E-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.7	J	0.23	3.6	UG/M3	0.70	J
EPD-UW-E-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.6	J	0.39	2.3	UG/M3	0.60	J
EPD-UW-E-052423	TO-15	591-78-6	2-HEXANONE	3.2	U	0.6	3.2	UG/M3	3.2	U
EPD-UW-E-052423	TO-15	67-63-0	2-PROPANOL	7.6	U	0.18	7.6	UG/M3	7.6	U
EPD-UW-E-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-UW-E-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.21	J	0.13	0.76	UG/M3	0.21	J
EPD-UW-E-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.19	0.63	UG/M3	0.63	U
EPD-UW-E-052423	TO-15	67-64-1	ACETONE	9.1		0.55	7.3	UG/M3	9.1	
EPD-UW-E-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	0.23	0.8	UG/M3	0.80	U
EPD-UW-E-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-UW-E-052423	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-UW-E-052423	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-UW-E-052423	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-UW-E-052423	TO-15	108-90-7	CHLOROBENZENE	0.71	U	0.082	0.71	UG/M3	0.71	U
EPD-UW-E-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U	0.19	0.7	UG/M3	0.70	U
EPD-UW-E-052423	TO-15	98-82-8	CUMENE	0.76	U	0.07	0.76	UG/M3	0.76	U
EPD-UW-E-052423	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.45	2.6	UG/M3	2.6	U
EPD-UW-E-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-UW-E-052423	TO-15	64-17-5	ETHANOL	8.1	J	0.74	18	UG/M3	8.1	J
EPD-UW-E-052423	TO-15	75-69-4	FREON 11	1.3		0.13	0.86	UG/M3	1.3	
EPD-UW-E-052423	TO-15	76-13-1	FREON 113	0.5	J	0.12	1.2	UG/M3	0.50	J
EPD-UW-E-052423	TO-15	142-82-5	HEPTANE	3.2	U	0.44	3.2	UG/M3	3.2	U
EPD-UW-E-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	0.54	8.2	UG/M3	8.2	U
EPD-UW-E-052423	TO-15	110-54-3	HEXANE	0.63	J	0.24	2.7	UG/M3	0.63	J
EPD-UW-E-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.56	J	0.33	1.1	UG/M3	0.56	J
EPD-UW-E-052423	TO-15	103-65-1	PROPYLBENZENE	0.76	U	0.17	0.76	UG/M3	0.76	U
EPD-UW-E-052423	TO-15	100-42-5	STYRENE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-UW-E-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.38	2.3	UG/M3	2.3	U
EPD-UW-E-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-UW-E-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-UW-E-052423	TO-15	106-97-8	BUTANE	0.81	NJ			PPBV	0.81	NJ
EPD-UW-E-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2	NJ			PPBV	1.2	NJ
EPD-UW-E-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-UW-E-052423	TO-15	109-66-0	PENTANE	0.84	NJ			PPBV	0.84	NJ
EPD-UW-E-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-UW-E-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.09	0.21	UG/M3	0.21	U
EPD-UW-E-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.058	0.17	UG/M3	0.17	U
EPD-UW-E-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.018	0.12	UG/M3	0.12	U
EPD-UW-E-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.023	0.061	UG/M3	0.061	U
EPD-UW-E-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.083	0.24	UG/M3	0.24	U
EPD-UW-E-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.073	J	0.032	0.12	UG/M3	0.073	J
EPD-UW-E-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.066	0.18	UG/M3	0.18	U
EPD-UW-E-052423	TO-15 SIM	71-43-2	BENZENE	0.53		0.028	0.24	UG/M3	0.53	
EPD-UW-E-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.57		0.041	0.19	UG/M3	0.57	
EPD-UW-E-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.039	J	0.022	0.2	UG/M3	0.039	J
EPD-UW-E-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.092	J	0.022	0.15	UG/M3	0.092	J
EPD-UW-E-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.98	J	0.32	1.6	UG/M3	0.98	J
EPD-UW-E-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-UW-E-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.19		0.013	0.13	UG/M3	0.19	
EPD-UW-E-052423	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.22	UG/M3	0.12	J
EPD-UW-E-052423	TO-15 SIM	75-71-8	FREON 12	2.5		0.028	0.38	UG/M3	2.5	
EPD-UW-E-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.74		0.0082	0.27	UG/M3	0.74	
EPD-UW-E-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-UW-E-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.4	U	0.12	0.4	UG/M3	0.40	U
EPD-UW-E-052423	TO-15 SIM	95-47-6	O-XYLENE	0.28		0.011	0.13	UG/M3	0.28	
EPD-UW-E-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.11	0.21	UG/M3	0.21	U
EPD-UW-E-052423	TO-15 SIM	108-88-3	TOLUENE	1.4		0.015	0.29	UG/M3	1.4	
EPD-UW-E-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.014	0.61	UG/M3	0.61	U
EPD-UW-E-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-UW-E-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.052		0.011	0.039	UG/M3	0.052	
EPD-WA-01-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-WA-01-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.25	J	0.18	0.74	UG/M3	0.25	J
EPD-WA-01-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-01-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-01-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.15	0.74	UG/M3	0.74	U
EPD-WA-01-052423	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.046	0.33	UG/M3	0.33	U
EPD-WA-01-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.09	0.9	UG/M3	0.90	U
EPD-WA-01-052423	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-01-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.43	J	0.23	3.5	UG/M3	0.43	J
EPD-WA-01-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.79	J	0.38	2.2	UG/M3	0.79	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-052423	TO-15	591-78-6	2-HEXANONE	3.1	U	0.58	3.1	UG/M3	3.1	U
EPD-WA-01-052423	TO-15	67-63-0	2-PROPANOL	7.4	U	0.18	7.4	UG/M3	7.4	U
EPD-WA-01-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-WA-01-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.12	0.74	UG/M3	0.16	J
EPD-WA-01-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-01-052423	TO-15	67-64-1	ACETONE	9		0.53	7.1	UG/M3	9.0	
EPD-WA-01-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.22	0.78	UG/M3	0.78	U
EPD-WA-01-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-01-052423	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-01-052423	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-01-052423	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-01-052423	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.08	0.69	UG/M3	0.69	U
EPD-WA-01-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-01-052423	TO-15	98-82-8	CUMENE	0.74	U	0.068	0.74	UG/M3	0.74	U
EPD-WA-01-052423	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-01-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-01-052423	TO-15	64-17-5	ETHANOL	3.8	J	0.72	18	UG/M3	3.8	J
EPD-WA-01-052423	TO-15	75-69-4	FREON 11	1.3		0.13	0.84	UG/M3	1.3	
EPD-WA-01-052423	TO-15	76-13-1	FREON 113	0.44	J	0.12	1.1	UG/M3	0.44	J
EPD-WA-01-052423	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-01-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.52	8	UG/M3	8.0	U
EPD-WA-01-052423	TO-15	110-54-3	HEXANE	0.59	J	0.24	2.6	UG/M3	0.59	J
EPD-WA-01-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.52	J	0.32	1	UG/M3	0.52	J
EPD-WA-01-052423	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-01-052423	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-WA-01-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-01-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-01-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-01-052423	TO-15	106-97-8	BUTANE	1.4	NJ			PPBV	1.4	NJ
EPD-WA-01-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.7	NJ			PPBV	1.7	NJ
EPD-WA-01-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-01-052423	TO-15	109-66-0	PENTANE	0.92	NJ			PPBV	0.92	NJ
EPD-WA-01-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-01-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.088	0.2	UG/M3	0.20	U
EPD-WA-01-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-01-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-01-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-01-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-WA-01-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.068	J	0.031	0.12	UG/M3	0.068	J
EPD-WA-01-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-01-052423	TO-15 SIM	71-43-2	BENZENE	0.54		0.027	0.24	UG/M3	0.54	
EPD-WA-01-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.04	0.19	UG/M3	0.51	
EPD-WA-01-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-01-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.091	J	0.022	0.15	UG/M3	0.091	J
EPD-WA-01-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.98	J	0.31	1.5	UG/M3	0.98	J
EPD-WA-01-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-01-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.013	0.13	UG/M3	0.16	
EPD-WA-01-052423	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.017	0.21	UG/M3	0.11	J
EPD-WA-01-052423	TO-15 SIM	75-71-8	FREON 12	2.6		0.027	0.37	UG/M3	2.6	
EPD-WA-01-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.58		0.0079	0.26	UG/M3	0.58	
EPD-WA-01-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-01-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.15	J	0.11	0.39	UG/M3	0.15	J
EPD-WA-01-052423	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.011	0.13	UG/M3	0.21	
EPD-WA-01-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-01-052423	TO-15 SIM	108-88-3	TOLUENE	1.3		0.015	0.28	UG/M3	1.3	
EPD-WA-01-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.014	0.59	UG/M3	0.59	U
EPD-WA-01-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.029	J	0.022	0.16	UG/M3	0.029	J
EPD-WA-01-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.4		0.011	0.038	UG/M3	0.40	
EPD-WA-02-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-02-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.33	J	0.18	0.73	UG/M3	0.33	J
EPD-WA-02-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-02-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-02-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-02-052423	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-02-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.089	0.9	UG/M3	0.90	U
EPD-WA-02-052423	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-02-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.51	J	0.23	3.5	UG/M3	0.51	J
EPD-WA-02-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.86	J	0.38	2.2	UG/M3	0.86	J
EPD-WA-02-052423	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-02-052423	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-02-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-WA-02-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.27	J	0.12	0.73	UG/M3	0.27	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-02-052423	TO-15	67-64-1	ACETONE	10		0.53	7.1	UG/M3	10	
EPD-WA-02-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-02-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.12	1	UG/M3	1.0	U
EPD-WA-02-052423	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-02-052423	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-02-052423	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-02-052423	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.079	0.68	UG/M3	0.68	U
EPD-WA-02-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-02-052423	TO-15	98-82-8	CUMENE	0.73	U	0.068	0.73	UG/M3	0.73	U
EPD-WA-02-052423	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.43	2.6	UG/M3	2.6	U
EPD-WA-02-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-02-052423	TO-15	64-17-5	ETHANOL	4.9	J	0.71	17	UG/M3	4.9	J
EPD-WA-02-052423	TO-15	75-69-4	FREON 11	1.3		0.12	0.84	UG/M3	1.3	
EPD-WA-02-052423	TO-15	76-13-1	FREON 113	0.48	J	0.12	1.1	UG/M3	0.48	J
EPD-WA-02-052423	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-02-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-02-052423	TO-15	110-54-3	HEXANE	0.59	J	0.24	2.6	UG/M3	0.59	J
EPD-WA-02-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.48	J	0.32	1	UG/M3	0.48	J
EPD-WA-02-052423	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-02-052423	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-02-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-02-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-02-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-02-052423	TO-15	106-97-8	BUTANE	1.1	NJ			PPBV	1.1	NJ
EPD-WA-02-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2	NJ			PPBV	1.2	NJ
EPD-WA-02-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-02-052423	TO-15	75-28-5	ISOBUTANE	0.83	NJ			PPBV	0.83	NJ
EPD-WA-02-052423	TO-15	109-66-0	PENTANE	0.75	NJ			PPBV	0.75	NJ
EPD-WA-02-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-02-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.087	0.2	UG/M3	0.20	U
EPD-WA-02-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-02-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-02-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-02-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-WA-02-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.072	J	0.031	0.12	UG/M3	0.072	J
EPD-WA-02-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.063	0.18	UG/M3	0.18	U
EPD-WA-02-052423	TO-15 SIM	71-43-2	BENZENE	0.62		0.027	0.24	UG/M3	0.62	
EPD-WA-02-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.53		0.04	0.19	UG/M3	0.53	
EPD-WA-02-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-02-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.11	J	0.021	0.14	UG/M3	0.11	J
EPD-WA-02-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.31	1.5	UG/M3	1.0	J
EPD-WA-02-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-02-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.22		0.012	0.13	UG/M3	0.22	
EPD-WA-02-052423	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-WA-02-052423	TO-15 SIM	75-71-8	FREON 12	2.6		0.027	0.37	UG/M3	2.6	
EPD-WA-02-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.87		0.0079	0.26	UG/M3	0.87	
EPD-WA-02-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-02-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.12	J	0.11	0.39	UG/M3	0.12	J
EPD-WA-02-052423	TO-15 SIM	95-47-6	O-XYLENE	0.33		0.011	0.13	UG/M3	0.33	
EPD-WA-02-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-02-052423	TO-15 SIM	108-88-3	TOLUENE	1.5		0.014	0.28	UG/M3	1.5	
EPD-WA-02-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.014	0.59	UG/M3	0.59	U
EPD-WA-02-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-02-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.15		0.011	0.038	UG/M3	0.15	
EPD-WA-03-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.8	U	1.5	6.8	UG/M3	6.8	U
EPD-WA-03-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26	J	0.22	0.89	UG/M3	0.26	J
EPD-WA-03-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	1.1	U	0.17	1.1	UG/M3	1.1	U
EPD-WA-03-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.84	U	0.17	0.84	UG/M3	0.84	U
EPD-WA-03-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.89	U	0.18	0.89	UG/M3	0.89	U
EPD-WA-03-052423	TO-15	106-99-0	1,3-BUTADIENE	0.4	U	0.055	0.4	UG/M3	0.40	U
EPD-WA-03-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	1.1	U	0.11	1.1	UG/M3	1.1	U
EPD-WA-03-052423	TO-15	123-91-1	1,4-DIOXANE	0.66	U	0.095	0.66	UG/M3	0.66	U
EPD-WA-03-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.49	J	0.28	4.2	UG/M3	0.49	J
EPD-WA-03-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.55	J	0.46	2.7	UG/M3	0.55	J
EPD-WA-03-052423	TO-15	591-78-6	2-HEXANONE	3.7	U	0.71	3.7	UG/M3	3.7	U
EPD-WA-03-052423	TO-15	67-63-0	2-PROPANOL	8.9	U	0.22	8.9	UG/M3	8.9	U
EPD-WA-03-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.8	U	0.25	2.8	UG/M3	2.8	U
EPD-WA-03-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.26	J	0.15	0.89	UG/M3	0.26	J
EPD-WA-03-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.25	J	0.23	0.74	UG/M3	0.25	J
EPD-WA-03-052423	TO-15	67-64-1	ACETONE	7.9	J	0.65	8.6	UG/M3	8.6	U
EPD-WA-03-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.94	U	0.27	0.94	UG/M3	0.94	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1.2	U	0.15	1.2	UG/M3	1.2	U
EPD-WA-03-052423	TO-15	75-25-2	BROMOFORM	1.9	U	0.18	1.9	UG/M3	1.9	U
EPD-WA-03-052423	TO-15	74-83-9	BROMOMETHANE	35	U	1.7	35	UG/M3	35	U
EPD-WA-03-052423	TO-15	75-15-0	CARBON DISULFIDE	2.8	U	0.12	2.8	UG/M3	2.8	U
EPD-WA-03-052423	TO-15	108-90-7	CHLOROBENZENE	0.84	U	0.097	0.84	UG/M3	0.84	U
EPD-WA-03-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.83	U	0.22	0.83	UG/M3	0.83	U
EPD-WA-03-052423	TO-15	98-82-8	CUMENE	0.89	U	0.082	0.89	UG/M3	0.89	U
EPD-WA-03-052423	TO-15	110-82-7	CYCLOHEXANE	3.1	U	0.53	3.1	UG/M3	3.1	U
EPD-WA-03-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.6	U	0.23	1.6	UG/M3	1.6	U
EPD-WA-03-052423	TO-15	64-17-5	ETHANOL	6.2	J	0.87	21	UG/M3	6.2	J
EPD-WA-03-052423	TO-15	75-69-4	FREON 11	1.4		0.15	1	UG/M3	1.4	
EPD-WA-03-052423	TO-15	76-13-1	FREON 113	0.47	J	0.14	1.4	UG/M3	0.47	J
EPD-WA-03-052423	TO-15	142-82-5	HEPTANE	3.7	U	0.52	3.7	UG/M3	3.7	U
EPD-WA-03-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	9.7	U	0.64	9.7	UG/M3	9.7	U
EPD-WA-03-052423	TO-15	110-54-3	HEXANE	0.49	J	0.29	3.2	UG/M3	0.49	J
EPD-WA-03-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.49	J	0.39	1.3	UG/M3	0.49	J
EPD-WA-03-052423	TO-15	103-65-1	PROPYLBENZENE	0.89	U	0.21	0.89	UG/M3	0.89	U
EPD-WA-03-052423	TO-15	100-42-5	STYRENE	0.78	U	0.13	0.78	UG/M3	0.78	U
EPD-WA-03-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.7	U	0.45	2.7	UG/M3	2.7	U
EPD-WA-03-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.83	U	0.17	0.83	UG/M3	0.83	U
EPD-WA-03-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-03-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	0.96	NJ			PPBV	0.96	NJ
EPD-WA-03-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-03-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.2	U	0.026	0.2	UG/M3	0.20	U
EPD-WA-03-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.25	U	0.11	0.25	UG/M3	0.25	U
EPD-WA-03-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.2	U	0.068	0.2	UG/M3	0.20	U
EPD-WA-03-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-03-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.072	U	0.028	0.072	UG/M3	0.072	U
EPD-WA-03-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.28	U	0.098	0.28	UG/M3	0.28	U
EPD-WA-03-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.07	J	0.038	0.15	UG/M3	0.070	J
EPD-WA-03-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-03-052423	TO-15 SIM	71-43-2	BENZENE	0.86		0.033	0.29	UG/M3	0.86	
EPD-WA-03-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.049	0.23	UG/M3	0.51	
EPD-WA-03-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.24	U	0.026	0.24	UG/M3	0.24	U
EPD-WA-03-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.026	0.18	UG/M3	0.10	J
EPD-WA-03-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1	J	0.38	1.9	UG/M3	1.1	J
EPD-WA-03-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-03-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.015	0.16	UG/M3	0.25	
EPD-WA-03-052423	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.021	0.25	UG/M3	0.12	J
EPD-WA-03-052423	TO-15 SIM	75-71-8	FREON 12	2.6		0.033	0.45	UG/M3	2.6	
EPD-WA-03-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.93		0.0096	0.32	UG/M3	0.93	
EPD-WA-03-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.66	U	0.018	0.66	UG/M3	0.66	U
EPD-WA-03-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.48	U	0.14	0.48	UG/M3	0.48	U
EPD-WA-03-052423	TO-15 SIM	95-47-6	O-XYLENE	0.32		0.013	0.16	UG/M3	0.32	
EPD-WA-03-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.25	U	0.14	0.25	UG/M3	0.25	U
EPD-WA-03-052423	TO-15 SIM	108-88-3	TOLUENE	1.6		0.018	0.34	UG/M3	1.6	
EPD-WA-03-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.72	U	0.016	0.72	UG/M3	0.72	U
EPD-WA-03-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.2	U	0.027	0.2	UG/M3	0.20	U
EPD-WA-03-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.21		0.013	0.046	UG/M3	0.21	
EPD-WA-04-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-WA-04-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19	J	0.18	0.75	UG/M3	0.19	J
EPD-WA-04-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.14	0.91	UG/M3	0.91	U
EPD-WA-04-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-04-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.15	0.75	UG/M3	0.75	U
EPD-WA-04-052423	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.046	0.34	UG/M3	0.34	U
EPD-WA-04-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.091	0.91	UG/M3	0.91	U
EPD-WA-04-052423	TO-15	123-91-1	1,4-DIOXANE	1.2		0.079	0.55	UG/M3	1.2	
EPD-WA-04-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.29	J	0.23	3.6	UG/M3	0.29	J
EPD-WA-04-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.58	J	0.38	2.2	UG/M3	0.58	J
EPD-WA-04-052423	TO-15	591-78-6	2-HEXANONE	3.1	U	0.59	3.1	UG/M3	3.1	U
EPD-WA-04-052423	TO-15	67-63-0	2-PROPANOL	7.5	U	0.18	7.5	UG/M3	7.5	U
EPD-WA-04-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-WA-04-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.17	J	0.13	0.75	UG/M3	0.17	J
EPD-WA-04-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62	U	0.19	0.62	UG/M3	0.62	U
EPD-WA-04-052423	TO-15	67-64-1	ACETONE	6.5	J	0.54	7.2	UG/M3	7.2	U
EPD-WA-04-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.23	0.79	UG/M3	0.79	U
EPD-WA-04-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-04-052423	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-04-052423	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-04-052423	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.1	2.4	UG/M3	2.4	U
EPD-WA-04-052423	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.081	0.7	UG/M3	0.70	U
EPD-WA-04-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.18	0.69	UG/M3	0.69	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-052423	TO-15	98-82-8	CUMENE	0.75	U	0.069	0.75	UG/M3	0.75	U
EPD-WA-04-052423	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-04-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-04-052423	TO-15	64-17-5	ETHANOL	3.8	J	0.73	18	UG/M3	3.8	J
EPD-WA-04-052423	TO-15	75-69-4	FREON 11	1.3		0.13	0.85	UG/M3	1.3	
EPD-WA-04-052423	TO-15	76-13-1	FREON 113	0.51	J	0.12	1.2	UG/M3	0.51	J
EPD-WA-04-052423	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-04-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1	U	0.53	8.1	UG/M3	8.1	U
EPD-WA-04-052423	TO-15	110-54-3	HEXANE	0.34	J	0.24	2.7	UG/M3	0.34	J
EPD-WA-04-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.53	J	0.33	1	UG/M3	0.53	J
EPD-WA-04-052423	TO-15	103-65-1	PROPYLBENZENE	0.75	U	0.17	0.75	UG/M3	0.75	U
EPD-WA-04-052423	TO-15	100-42-5	STYRENE	0.65	U	0.1	0.65	UG/M3	0.65	U
EPD-WA-04-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-04-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-04-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-04-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-04-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-04-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.089	0.21	UG/M3	0.21	U
EPD-WA-04-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.057	0.16	UG/M3	0.16	U
EPD-WA-04-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-04-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.023	0.06	UG/M3	0.060	U
EPD-WA-04-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.082	0.23	UG/M3	0.23	U
EPD-WA-04-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.031	0.12	UG/M3	0.069	J
EPD-WA-04-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.065	0.18	UG/M3	0.18	U
EPD-WA-04-052423	TO-15 SIM	71-43-2	BENZENE	0.44		0.027	0.24	UG/M3	0.44	
EPD-WA-04-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.041	0.19	UG/M3	0.51	
EPD-WA-04-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-04-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.084	J	0.022	0.15	UG/M3	0.084	J
EPD-WA-04-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.99	J	0.32	1.6	UG/M3	0.99	J
EPD-WA-04-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-04-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.013	0.13	UG/M3	0.11	J
EPD-WA-04-052423	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-WA-04-052423	TO-15 SIM	75-71-8	FREON 12	2.5		0.028	0.38	UG/M3	2.5	
EPD-WA-04-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.4		0.008	0.26	UG/M3	0.40	
EPD-WA-04-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.015	0.55	UG/M3	0.55	U
EPD-WA-04-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.4	U	0.12	0.4	UG/M3	0.40	U
EPD-WA-04-052423	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.011	0.13	UG/M3	0.15	
EPD-WA-04-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.11	0.21	UG/M3	0.21	U
EPD-WA-04-052423	TO-15 SIM	108-88-3	TOLUENE	1.1		0.015	0.29	UG/M3	1.1	
EPD-WA-04-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6	U	0.014	0.6	UG/M3	0.60	U
EPD-WA-04-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-04-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.088		0.011	0.039	UG/M3	0.088	
EPD-WA-05-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-05-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.29	J	0.18	0.73	UG/M3	0.29	J
EPD-WA-05-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.14	0.89	UG/M3	0.89	U
EPD-WA-05-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-05-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-05-052423	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-05-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.088	0.89	UG/M3	0.89	U
EPD-WA-05-052423	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.077	0.53	UG/M3	0.53	U
EPD-WA-05-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.51	J	0.22	3.4	UG/M3	0.51	J
EPD-WA-05-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2	J	0.37	2.2	UG/M3	2.0	J
EPD-WA-05-052423	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-05-052423	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-05-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-05-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.24	J	0.12	0.73	UG/M3	0.24	J
EPD-WA-05-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-WA-05-052423	TO-15	67-64-1	ACETONE	14		0.53	7	UG/M3	14	
EPD-WA-05-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-05-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.12	0.99	UG/M3	0.99	U
EPD-WA-05-052423	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-05-052423	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-05-052423	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-05-052423	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.078	0.68	UG/M3	0.68	U
EPD-WA-05-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.18	0.67	UG/M3	0.67	U
EPD-WA-05-052423	TO-15	98-82-8	CUMENE	0.73	U	0.067	0.73	UG/M3	0.73	U
EPD-WA-05-052423	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.43	2.5	UG/M3	2.5	U
EPD-WA-05-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.18	1.3	UG/M3	1.3	U
EPD-WA-05-052423	TO-15	64-17-5	ETHANOL	7.2	J	0.71	17	UG/M3	7.2	J
EPD-WA-05-052423	TO-15	75-69-4	FREON 11	1.3		0.12	0.83	UG/M3	1.3	
EPD-WA-05-052423	TO-15	76-13-1	FREON 113	0.46	J	0.12	1.1	UG/M3	0.46	J
EPD-WA-05-052423	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-05-052423	TO-15	110-54-3	HEXANE	0.61	J	0.24	2.6	UG/M3	0.61	J
EPD-WA-05-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.48	J	0.32	1	UG/M3	0.48	J
EPD-WA-05-052423	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-05-052423	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-05-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-05-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-05-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-05-052423	TO-15	106-97-8	BUTANE	1	NJ			PPBV	1.0	NJ
EPD-WA-05-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.6	NJ			PPBV	1.6	NJ
EPD-WA-05-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-05-052423	TO-15	75-28-5	ISOBUTANE	0.95	NJ			PPBV	0.95	NJ
EPD-WA-05-052423	TO-15	109-66-0	PENTANE	0.88	NJ			PPBV	0.88	NJ
EPD-WA-05-052423	TO-15	NA	UNKNOWN TIC	1.4	J			PPBV	1.4	J
EPD-WA-05-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.028	J	0.021	0.16	UG/M3	0.028	J
EPD-WA-05-052423	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-05-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-05-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-05-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.022	0.059	UG/M3	0.059	U
EPD-WA-05-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.08	0.23	UG/M3	0.23	U
EPD-WA-05-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.074	J	0.03	0.12	UG/M3	0.074	J
EPD-WA-05-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.063	0.18	UG/M3	0.18	U
EPD-WA-05-052423	TO-15 SIM	71-43-2	BENZENE	0.55		0.027	0.24	UG/M3	0.55	
EPD-WA-05-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.52		0.04	0.19	UG/M3	0.52	
EPD-WA-05-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-05-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.13	J	0.021	0.14	UG/M3	0.13	J
EPD-WA-05-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.31	1.5	UG/M3	1.0	J
EPD-WA-05-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-05-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.35		0.012	0.13	UG/M3	0.35	
EPD-WA-05-052423	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.017	0.21	UG/M3	0.13	J
EPD-WA-05-052423	TO-15 SIM	75-71-8	FREON 12	2.6		0.027	0.36	UG/M3	2.6	
EPD-WA-05-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	1.3		0.0078	0.26	UG/M3	1.3	
EPD-WA-05-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-05-052423	TO-15 SIM	91-20-3	NAPHTHALENE	1.2		0.11	0.39	UG/M3	1.2	
EPD-WA-05-052423	TO-15 SIM	95-47-6	O-XYLENE	0.42		0.011	0.13	UG/M3	0.42	
EPD-WA-05-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.22		0.11	0.2	UG/M3	0.22	
EPD-WA-05-052423	TO-15 SIM	108-88-3	TOLUENE	1.9		0.014	0.28	UG/M3	1.9	
EPD-WA-05-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.013	0.59	UG/M3	0.59	U
EPD-WA-05-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-05-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.011	0.038	UG/M3	0.038	U
EPD-WA-06-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.5	U	1.4	6.5	UG/M3	6.5	U
EPD-WA-06-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.4	J	0.21	0.86	UG/M3	0.40	J
EPD-WA-06-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	1	U	0.16	1	UG/M3	1.0	U
EPD-WA-06-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.81	U	0.16	0.81	UG/M3	0.81	U
EPD-WA-06-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.86	U	0.17	0.86	UG/M3	0.86	U
EPD-WA-06-052423	TO-15	106-99-0	1,3-BUTADIENE	0.39	U	0.053	0.39	UG/M3	0.39	U
EPD-WA-06-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	1	U	0.1	1	UG/M3	1.0	U
EPD-WA-06-052423	TO-15	123-91-1	1,4-DIOXANE	0.63	U	0.091	0.63	UG/M3	0.63	U
EPD-WA-06-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.61	J	0.26	4.1	UG/M3	0.61	J
EPD-WA-06-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.76	J	0.44	2.6	UG/M3	0.76	J
EPD-WA-06-052423	TO-15	591-78-6	2-HEXANONE	3.6	U	0.68	3.6	UG/M3	3.6	U
EPD-WA-06-052423	TO-15	67-63-0	2-PROPANOL	8.6	U	0.21	8.6	UG/M3	8.6	U
EPD-WA-06-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.7	U	0.24	2.7	UG/M3	2.7	U
EPD-WA-06-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.86	U	0.15	0.86	UG/M3	0.86	U
EPD-WA-06-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.72	U	0.22	0.72	UG/M3	0.72	U
EPD-WA-06-052423	TO-15	67-64-1	ACETONE	14		0.62	8.3	UG/M3	14	J
EPD-WA-06-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.9	U	0.26	0.9	UG/M3	0.90	U
EPD-WA-06-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1.2	U	0.15	1.2	UG/M3	1.2	U
EPD-WA-06-052423	TO-15	75-25-2	BROMOFORM	1.8	U	0.17	1.8	UG/M3	1.8	U
EPD-WA-06-052423	TO-15	74-83-9	BROMOMETHANE	34	U	1.6	34	UG/M3	34	U
EPD-WA-06-052423	TO-15	75-15-0	CARBON DISULFIDE	2.7	U	0.12	2.7	UG/M3	2.7	U
EPD-WA-06-052423	TO-15	108-90-7	CHLOROBENZENE	0.8	U	0.093	0.8	UG/M3	0.80	U
EPD-WA-06-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.79	U	0.21	0.79	UG/M3	0.79	U
EPD-WA-06-052423	TO-15	98-82-8	CUMENE	0.86	U	0.079	0.86	UG/M3	0.86	U
EPD-WA-06-052423	TO-15	110-82-7	CYCLOHEXANE	3	U	0.51	3	UG/M3	3.0	U
EPD-WA-06-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.5	U	0.22	1.5	UG/M3	1.5	U
EPD-WA-06-052423	TO-15	64-17-5	ETHANOL	9.2	J	0.84	20	UG/M3	9.2	J
EPD-WA-06-052423	TO-15	75-69-4	FREON 11	1.4		0.15	0.98	UG/M3	1.4	
EPD-WA-06-052423	TO-15	76-13-1	FREON 113	0.5	J	0.14	1.3	UG/M3	0.50	J
EPD-WA-06-052423	TO-15	142-82-5	HEPTANE	3.6	U	0.5	3.6	UG/M3	3.6	U
EPD-WA-06-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	9.3	U	0.61	9.3	UG/M3	9.3	U
EPD-WA-06-052423	TO-15	110-54-3	HEXANE	0.67	J	0.28	3.1	UG/M3	0.67	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.38	1.2	UG/M3	0.45	J
EPD-WA-06-052423	TO-15	103-65-1	PROPYLBENZENE	0.86	U	0.2	0.86	UG/M3	0.86	U
EPD-WA-06-052423	TO-15	100-42-5	STYRENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-06-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-06-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.79	U	0.16	0.79	UG/M3	0.79	U
EPD-WA-06-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-06-052423	TO-15	106-97-8	BUTANE	1	NJ			PPBV	1.0	NJ
EPD-WA-06-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-06-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-06-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.19	U	0.025	0.19	UG/M3	0.19	U
EPD-WA-06-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.24	U	0.1	0.24	UG/M3	0.24	U
EPD-WA-06-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.19	U	0.066	0.19	UG/M3	0.19	U
EPD-WA-06-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.14	U	0.02	0.14	UG/M3	0.14	U
EPD-WA-06-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.069	U	0.027	0.069	UG/M3	0.069	U
EPD-WA-06-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.27	U	0.095	0.27	UG/M3	0.27	U
EPD-WA-06-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.074	J	0.036	0.14	UG/M3	0.074	J
EPD-WA-06-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.21	U	0.074	0.21	UG/M3	0.21	U
EPD-WA-06-052423	TO-15 SIM	71-43-2	BENZENE	0.67		0.032	0.28	UG/M3	0.67	
EPD-WA-06-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.57		0.047	0.22	UG/M3	0.57	
EPD-WA-06-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.23	U	0.025	0.23	UG/M3	0.23	U
EPD-WA-06-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.025	0.17	UG/M3	0.10	J
EPD-WA-06-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.36	1.8	UG/M3	1.0	J
EPD-WA-06-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-06-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.015	0.15	UG/M3	0.25	
EPD-WA-06-052423	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.02	0.24	UG/M3	0.12	J
EPD-WA-06-052423	TO-15 SIM	75-71-8	FREON 12	2.6		0.032	0.43	UG/M3	2.6	
EPD-WA-06-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.96		0.0093	0.3	UG/M3	0.96	
EPD-WA-06-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.63	U	0.017	0.63	UG/M3	0.63	U
EPD-WA-06-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.27	J	0.13	0.46	UG/M3	0.27	J
EPD-WA-06-052423	TO-15 SIM	95-47-6	O-XYLENE	0.34		0.013	0.15	UG/M3	0.34	
EPD-WA-06-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.24	U	0.13	0.24	UG/M3	0.24	U
EPD-WA-06-052423	TO-15 SIM	108-88-3	TOLUENE	1.6		0.017	0.33	UG/M3	1.6	
EPD-WA-06-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.69	U	0.016	0.69	UG/M3	0.69	U
EPD-WA-06-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.19	U	0.026	0.19	UG/M3	0.19	U
EPD-WA-06-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.069		0.013	0.045	UG/M3	0.069	
EPD-WA-66-052423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-WA-66-052423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.36	J	0.18	0.77	UG/M3	0.36	J
EPD-WA-66-052423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94	U	0.15	0.94	UG/M3	0.94	U
EPD-WA-66-052423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-66-052423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77	U	0.15	0.77	UG/M3	0.77	U
EPD-WA-66-052423	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	0.048	0.35	UG/M3	0.35	U
EPD-WA-66-052423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94	U	0.094	0.94	UG/M3	0.94	U
EPD-WA-66-052423	TO-15	123-91-1	1,4-DIOXANE	0.56	U	0.082	0.56	UG/M3	0.56	U
EPD-WA-66-052423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.54	J	0.24	3.7	UG/M3	0.54	J
EPD-WA-66-052423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.63	J	0.4	2.3	UG/M3	0.63	J
EPD-WA-66-052423	TO-15	591-78-6	2-HEXANONE	3.2	U	0.61	3.2	UG/M3	3.2	U
EPD-WA-66-052423	TO-15	67-63-0	2-PROPANOL	7.7	U	0.19	7.7	UG/M3	7.7	U
EPD-WA-66-052423	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-66-052423	TO-15	622-96-8	4-ETHYLTOLUENE	0.29	J	0.13	0.77	UG/M3	0.29	J
EPD-WA-66-052423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64	U	0.2	0.64	UG/M3	0.64	U
EPD-WA-66-052423	TO-15	67-64-1	ACETONE	8		0.56	7.4	UG/M3	8.0	J
EPD-WA-66-052423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81	U	0.24	0.81	UG/M3	0.81	U
EPD-WA-66-052423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-66-052423	TO-15	75-25-2	BROMOFORM	1.6	U	0.16	1.6	UG/M3	1.6	U
EPD-WA-66-052423	TO-15	74-83-9	BROMOMETHANE	30	U	1.5	30	UG/M3	30	U
EPD-WA-66-052423	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-66-052423	TO-15	108-90-7	CHLOROBENZENE	0.72	U	0.083	0.72	UG/M3	0.72	U
EPD-WA-66-052423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-66-052423	TO-15	98-82-8	CUMENE	0.77	U	0.071	0.77	UG/M3	0.77	U
EPD-WA-66-052423	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.46	2.7	UG/M3	2.7	U
EPD-WA-66-052423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-66-052423	TO-15	64-17-5	ETHANOL	12	J	0.75	18	UG/M3	12	J
EPD-WA-66-052423	TO-15	75-69-4	FREON 11	1.3		0.13	0.88	UG/M3	1.3	
EPD-WA-66-052423	TO-15	76-13-1	FREON 113	0.57	J	0.12	1.2	UG/M3	0.57	J
EPD-WA-66-052423	TO-15	142-82-5	HEPTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-WA-66-052423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	0.55	8.4	UG/M3	8.4	U
EPD-WA-66-052423	TO-15	110-54-3	HEXANE	0.69	J	0.25	2.8	UG/M3	0.69	J
EPD-WA-66-052423	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.34	1.1	UG/M3	0.45	J
EPD-WA-66-052423	TO-15	103-65-1	PROPYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-66-052423	TO-15	100-42-5	STYRENE	0.11	J	0.11	0.67	UG/M3	0.11	J
EPD-WA-66-052423	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-66-052423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71	U	0.15	0.71	UG/M3	0.71	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305560

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-66-052423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-66-052423	TO-15	106-97-8	BUTANE	1	NJ			PPBV	1.0	NJ
EPD-WA-66-052423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-66-052423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-66-052423	TO-15	75-28-5	ISOBUTANE	0.93	NJ			PPBV	0.93	NJ
EPD-WA-66-052423	TO-15	109-66-0	PENTANE	0.85	NJ			PPBV	0.85	NJ
EPD-WA-66-052423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-66-052423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.092	0.22	UG/M3	0.22	U
EPD-WA-66-052423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-66-052423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-66-052423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.024	0.062	UG/M3	0.062	U
EPD-WA-66-052423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.085	0.24	UG/M3	0.24	U
EPD-WA-66-052423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.07	J	0.032	0.13	UG/M3	0.070	J
EPD-WA-66-052423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.067	0.19	UG/M3	0.19	U
EPD-WA-66-052423	TO-15 SIM	71-43-2	BENZENE	0.67		0.028	0.25	UG/M3	0.67	
EPD-WA-66-052423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.042	0.2	UG/M3	0.50	
EPD-WA-66-052423	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.023	0.21	UG/M3	0.21	U
EPD-WA-66-052423	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.022	0.15	UG/M3	0.10	J
EPD-WA-66-052423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.99	J	0.33	1.6	UG/M3	0.99	J
EPD-WA-66-052423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-WA-66-052423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.013	0.14	UG/M3	0.25	
EPD-WA-66-052423	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.018	0.22	UG/M3	0.12	J
EPD-WA-66-052423	TO-15 SIM	75-71-8	FREON 12	2.5		0.028	0.39	UG/M3	2.5	
EPD-WA-66-052423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.95		0.0083	0.27	UG/M3	0.95	
EPD-WA-66-052423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	0.015	0.57	UG/M3	0.57	U
EPD-WA-66-052423	TO-15 SIM	91-20-3	NAPHTHALENE	0.22	J	0.12	0.41	UG/M3	0.22	J
EPD-WA-66-052423	TO-15 SIM	95-47-6	O-XYLENE	0.34		0.012	0.14	UG/M3	0.34	
EPD-WA-66-052423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-WA-66-052423	TO-15 SIM	108-88-3	TOLUENE	1.6		0.015	0.3	UG/M3	1.6	
EPD-WA-66-052423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.62	U	0.014	0.62	UG/M3	0.62	U
EPD-WA-66-052423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-66-052423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.065		0.012	0.04	UG/M3	0.065	

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1900b		
Laboratory Report No.	2305597	Laboratory	Eurofins Air Toxics, LLC, Folsom CA
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in both scan and selective ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples, including one field duplicate		
Collection Date(s)	05/25/2023		
Field Duplicate Pairs	EPD-WA-03-052523/EPD-WA-33-052523		
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, EPA Region 5, 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 the findings of this validation effort

Data completeness:

Within Criteria	Exceedance/Notes
Y	It was noted that the sample collection dates were incorrect, and the laboratory revised the report to correct the problem.

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	The residual canister receipt vacuum values in the laboratory report are positive and should not be. The laboratory was contacted and confirmed that all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15: Acetone was detected in the method blank at a concentration between the method detection limit (MDL) and reporting limit (RL). Acetone was detected in the following samples at concentrations between the MDL and RL: EPD-DW-E-052523, EPD-UW-A-052523, EPD-WA-01-052523, EPD-WA-04-052523, EPD-WA-05-052523, and EPD-WA-33-052523; results for acetone in those samples were qualified as not detected (flagged U) at the RL. TO-15 SIM: M,p-xylene was detected in the method blank at a concentration between the MDL and RL. M,p-xylene was detected in the following samples at concentrations between the MDL and RL: EPD-DW-E-052523, EPD-UW-A-052523, EPD-WA-02-052523, EPD-WA-03-052523, EPD-WA-06-052523, and EPD-WA-33-052523; results for m,p-xylene in those samples were qualified as not detected (flagged U) at the RL. TO-15 SIM: 1,4-Dichlorobenzene was detected in the method blank at a concentration between the MDL and RL. All results for this analyte in the field samples were non-detect, so no qualification of sample results was necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: • EPD-DW-E-052523 was 1.50 • EPD-UW-A-052523 was 1.46 • EPD-WA-01-052523 was 1.44 • EPD-WA-02-052523 was 1.50 • EPD-WA-03-052523 was 1.50 • EPD-WA-04-052523 was 1.49 • EPD-WA-05-052523 was 1.54 • EPD-WA-06-052523 was 1.56 • EPD-WA-33-052523 was 1.56

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in three samples: EPD-UW-A-052523, EPD-WA-02-052523, and EPD-WA-05-052523. These known TICs were qualified as tentatively identified (flagged NJ). 2-Ethyl-1-hexanol and butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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.
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.
NF	The tentatively identified compound was manually searched for but not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305597

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-E-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-DW-E-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74	U	0.18	0.74	UG/M3	0.74	U
EPD-DW-E-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-DW-E-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-DW-E-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.15	0.74	UG/M3	0.74	U
EPD-DW-E-052523	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.046	0.33	UG/M3	0.33	U
EPD-DW-E-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.09	0.9	UG/M3	0.90	U
EPD-DW-E-052523	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-DW-E-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.23	3.5	UG/M3	3.5	U
EPD-DW-E-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42	J	0.38	2.2	UG/M3	0.42	J
EPD-DW-E-052523	TO-15	591-78-6	2-HEXANONE	3.1	U	0.58	3.1	UG/M3	3.1	U
EPD-DW-E-052523	TO-15	67-63-0	2-PROPANOL	7.4	U	0.18	7.4	UG/M3	7.4	U
EPD-DW-E-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-DW-E-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-DW-E-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-DW-E-052523	TO-15	67-64-1	ACETONE	6.2	J	0.53	7.1	UG/M3	7.1	U
EPD-DW-E-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.22	0.78	UG/M3	0.78	U
EPD-DW-E-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-DW-E-052523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-DW-E-052523	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-DW-E-052523	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-DW-E-052523	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.08	0.69	UG/M3	0.69	U
EPD-DW-E-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-DW-E-052523	TO-15	98-82-8	CUMENE	0.74	U	0.068	0.74	UG/M3	0.74	U
EPD-DW-E-052523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-DW-E-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-DW-E-052523	TO-15	64-17-5	ETHANOL	1.8	J	0.72	18	UG/M3	1.8	J
EPD-DW-E-052523	TO-15	75-69-4	FREON 11	1.2		0.13	0.84	UG/M3	1.2	
EPD-DW-E-052523	TO-15	76-13-1	FREON 113	0.52	J	0.12	1.1	UG/M3	0.52	J
EPD-DW-E-052523	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-DW-E-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.52	8	UG/M3	8.0	U
EPD-DW-E-052523	TO-15	110-54-3	HEXANE	2.6	U	0.24	2.6	UG/M3	2.6	U
EPD-DW-E-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.46	J	0.32	1	UG/M3	0.46	J
EPD-DW-E-052523	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-DW-E-052523	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-DW-E-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-DW-E-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-DW-E-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-DW-E-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-DW-E-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-DW-E-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.088	0.2	UG/M3	0.20	U
EPD-DW-E-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-DW-E-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-DW-E-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-DW-E-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-DW-E-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.067	J	0.031	0.12	UG/M3	0.067	J
EPD-DW-E-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-DW-E-052523	TO-15 SIM	71-43-2	BENZENE	0.27		0.027	0.24	UG/M3	0.27	
EPD-DW-E-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.04	0.19	UG/M3	0.50	
EPD-DW-E-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-DW-E-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.073	J	0.022	0.15	UG/M3	0.073	J
EPD-DW-E-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.31	1.5	UG/M3	0.96	J
EPD-DW-E-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-DW-E-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.05	J	0.013	0.13	UG/M3	0.050	J
EPD-DW-E-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-DW-E-052523	TO-15 SIM	75-71-8	FREON 12	2.5		0.027	0.37	UG/M3	2.5	
EPD-DW-E-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16	J	0.0079	0.26	UG/M3	0.26	U
EPD-DW-E-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-DW-E-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-DW-E-052523	TO-15 SIM	95-47-6	O-XYLENE	0.062	J	0.011	0.13	UG/M3	0.062	J
EPD-DW-E-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-DW-E-052523	TO-15 SIM	108-88-3	TOLUENE	0.35		0.015	0.28	UG/M3	0.35	
EPD-DW-E-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.014	0.59	UG/M3	0.59	U
EPD-DW-E-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.031	J	0.022	0.16	UG/M3	0.031	J
EPD-DW-E-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.083		0.011	0.038	UG/M3	0.083	
EPD-UW-A-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-UW-A-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-UW-A-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.14	0.88	UG/M3	0.88	U
EPD-UW-A-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-UW-A-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-UW-A-052523	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-UW-A-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.087	0.88	UG/M3	0.88	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-A-052523	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.076	0.53	UG/M3	0.53	U
EPD-UW-A-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.22	3.4	UG/M3	3.4	U
EPD-UW-A-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.44	J	0.37	2.2	UG/M3	0.44	J
EPD-UW-A-052523	TO-15	591-78-6	2-HEXANONE	3	U	0.57	3	UG/M3	3.0	U
EPD-UW-A-052523	TO-15	67-63-0	2-PROPANOL	7.2	U	0.17	7.2	UG/M3	7.2	U
EPD-UW-A-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-UW-A-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-UW-A-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.18	0.6	UG/M3	0.60	U
EPD-UW-A-052523	TO-15	67-64-1	ACETONE	6.8	J	0.52	6.9	UG/M3	6.9	U
EPD-UW-A-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.22	0.76	UG/M3	0.76	U
EPD-UW-A-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.12	0.98	UG/M3	0.98	U
EPD-UW-A-052523	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-UW-A-052523	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-UW-A-052523	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-UW-A-052523	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.077	0.67	UG/M3	0.67	U
EPD-UW-A-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-UW-A-052523	TO-15	98-82-8	CUMENE	0.72	U	0.066	0.72	UG/M3	0.72	U
EPD-UW-A-052523	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-UW-A-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-UW-A-052523	TO-15	64-17-5	ETHANOL	1.5	J	0.7	17	UG/M3	1.5	J
EPD-UW-A-052523	TO-15	75-69-4	FREON 11	1.3		0.12	0.82	UG/M3	1.3	
EPD-UW-A-052523	TO-15	76-13-1	FREON 113	0.49	J	0.11	1.1	UG/M3	0.49	J
EPD-UW-A-052523	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-UW-A-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.51	7.8	UG/M3	7.8	U
EPD-UW-A-052523	TO-15	110-54-3	HEXANE	2.6	U	0.23	2.6	UG/M3	2.6	U
EPD-UW-A-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.44	J	0.32	1	UG/M3	0.44	J
EPD-UW-A-052523	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.16	0.72	UG/M3	0.72	U
EPD-UW-A-052523	TO-15	100-42-5	STYRENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-UW-A-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.36	2.2	UG/M3	2.2	U
EPD-UW-A-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-UW-A-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-UW-A-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-UW-A-052523	TO-15	2916-68-9	ETHANOL, 2-(TRIMETHYLSILYL)-	1.1	NJ			PPBV	1.1	NJ
EPD-UW-A-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-UW-A-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.085	0.2	UG/M3	0.20	U
EPD-UW-A-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.055	0.16	UG/M3	0.16	U
EPD-UW-A-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-UW-A-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.022	0.058	UG/M3	0.058	U
EPD-UW-A-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.079	0.22	UG/M3	0.22	U
EPD-UW-A-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.07	J	0.03	0.12	UG/M3	0.070	J
EPD-UW-A-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.062	0.18	UG/M3	0.18	U
EPD-UW-A-052523	TO-15 SIM	71-43-2	BENZENE	0.21	J	0.026	0.23	UG/M3	0.21	J
EPD-UW-A-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.55		0.039	0.18	UG/M3	0.55	
EPD-UW-A-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.036	J	0.021	0.19	UG/M3	0.036	J
EPD-UW-A-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.021	0.14	UG/M3	0.079	J
EPD-UW-A-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.3	1.5	UG/M3	1.0	J
EPD-UW-A-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-UW-A-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.03	J	0.012	0.13	UG/M3	0.030	J
EPD-UW-A-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-UW-A-052523	TO-15 SIM	75-71-8	FREON 12	2.7		0.026	0.36	UG/M3	2.7	
EPD-UW-A-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.068	J	0.0077	0.25	UG/M3	0.25	U
EPD-UW-A-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-UW-A-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-UW-A-052523	TO-15 SIM	95-47-6	O-XYLENE	0.032	J	0.011	0.13	UG/M3	0.032	J
EPD-UW-A-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-UW-A-052523	TO-15 SIM	108-88-3	TOLUENE	0.23	J	0.014	0.28	UG/M3	0.23	J
EPD-UW-A-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	U	0.013	0.58	UG/M3	0.58	U
EPD-UW-A-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-UW-A-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.014	J	0.011	0.037	UG/M3	0.014	J
EPD-WA-01-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-WA-01-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71	U	0.17	0.71	UG/M3	0.71	U
EPD-WA-01-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.14	0.86	UG/M3	0.86	U
EPD-WA-01-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-WA-01-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-WA-01-052523	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-WA-01-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.086	0.86	UG/M3	0.86	U
EPD-WA-01-052523	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.075	0.52	UG/M3	0.52	U
EPD-WA-01-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.22	3.4	UG/M3	3.4	U
EPD-WA-01-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.45	J	0.36	2.1	UG/M3	0.45	J
EPD-WA-01-052523	TO-15	591-78-6	2-HEXANONE	2.9	U	0.56	2.9	UG/M3	2.9	U
EPD-WA-01-052523	TO-15	67-63-0	2-PROPANOL	7.1	U	0.17	7.1	UG/M3	7.1	U
EPD-WA-01-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U

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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.71	U	0.12	0.71	UG/M3	0.71	U
EPD-WA-01-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-WA-01-052523	TO-15	67-64-1	ACETONE	6.3	J	0.51	6.8	UG/M3	6.8	U
EPD-WA-01-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.22	0.74	UG/M3	0.74	U
EPD-WA-01-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.12	0.96	UG/M3	0.96	U
EPD-WA-01-052523	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-01-052523	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-01-052523	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.099	2.2	UG/M3	2.2	U
EPD-WA-01-052523	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.076	0.66	UG/M3	0.66	U
EPD-WA-01-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-01-052523	TO-15	98-82-8	CUMENE	0.71	U	0.065	0.71	UG/M3	0.71	U
EPD-WA-01-052523	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-WA-01-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-01-052523	TO-15	64-17-5	ETHANOL	3.3	J	0.69	17	UG/M3	3.3	J
EPD-WA-01-052523	TO-15	75-69-4	FREON 11	1.2		0.12	0.81	UG/M3	1.2	
EPD-WA-01-052523	TO-15	76-13-1	FREON 113	0.41	J	0.11	1.1	UG/M3	0.41	J
EPD-WA-01-052523	TO-15	142-82-5	HEPTANE	3	U	0.41	3	UG/M3	3.0	U
EPD-WA-01-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.5	7.7	UG/M3	7.7	U
EPD-WA-01-052523	TO-15	110-54-3	HEXANE	0.26	J	0.23	2.5	UG/M3	0.26	J
EPD-WA-01-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.31	1	UG/M3	0.45	J
EPD-WA-01-052523	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-WA-01-052523	TO-15	100-42-5	STYRENE	0.61	U	0.1	0.61	UG/M3	0.61	U
EPD-WA-01-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-01-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-01-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-01-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-01-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-WA-01-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.084	0.2	UG/M3	0.20	U
EPD-WA-01-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-WA-01-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-WA-01-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-01-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.078	0.22	UG/M3	0.22	U
EPD-WA-01-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.068	J	0.03	0.12	UG/M3	0.068	J
EPD-WA-01-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-WA-01-052523	TO-15 SIM	71-43-2	BENZENE	0.32		0.026	0.23	UG/M3	0.32	
EPD-WA-01-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.53		0.038	0.18	UG/M3	0.53	
EPD-WA-01-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-01-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.021	0.14	UG/M3	0.076	J
EPD-WA-01-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.3	1.5	UG/M3	1.0	J
EPD-WA-01-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-01-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.081	J	0.012	0.12	UG/M3	0.081	J
EPD-WA-01-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-01-052523	TO-15 SIM	75-71-8	FREON 12	2.6		0.026	0.36	UG/M3	2.6	
EPD-WA-01-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.0076	0.25	UG/M3	0.30	
EPD-WA-01-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-01-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-WA-01-052523	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.011	0.12	UG/M3	0.11	J
EPD-WA-01-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18	J	0.11	0.2	UG/M3	0.18	J
EPD-WA-01-052523	TO-15 SIM	108-88-3	TOLUENE	0.46		0.014	0.27	UG/M3	0.46	
EPD-WA-01-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-WA-01-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-01-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.52		0.011	0.037	UG/M3	0.52	
EPD-WA-02-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-WA-02-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74	U	0.18	0.74	UG/M3	0.74	U
EPD-WA-02-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-02-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-02-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.15	0.74	UG/M3	0.74	U
EPD-WA-02-052523	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.046	0.33	UG/M3	0.33	U
EPD-WA-02-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.09	0.9	UG/M3	0.90	U
EPD-WA-02-052523	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-02-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.23	3.5	UG/M3	3.5	U
EPD-WA-02-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-02-052523	TO-15	591-78-6	2-HEXANONE	3.1	U	0.58	3.1	UG/M3	3.1	U
EPD-WA-02-052523	TO-15	67-63-0	2-PROPANOL	7.4	U	0.18	7.4	UG/M3	7.4	U
EPD-WA-02-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-WA-02-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-02-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-02-052523	TO-15	67-64-1	ACETONE	13		0.53	7.1	UG/M3	13	
EPD-WA-02-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.22	0.78	UG/M3	0.78	U
EPD-WA-02-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-02-052523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-02-052523	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305597

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-052523	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-02-052523	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.08	0.69	UG/M3	0.69	U
EPD-WA-02-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-02-052523	TO-15	98-82-8	CUMENE	0.74	U	0.068	0.74	UG/M3	0.74	U
EPD-WA-02-052523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-02-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-02-052523	TO-15	64-17-5	ETHANOL	1.8	J	0.72	18	UG/M3	1.8	J
EPD-WA-02-052523	TO-15	75-69-4	FREON 11	1.3		0.13	0.84	UG/M3	1.3	
EPD-WA-02-052523	TO-15	76-13-1	FREON 113	0.47	J	0.12	1.1	UG/M3	0.47	J
EPD-WA-02-052523	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-02-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.52	8	UG/M3	8.0	U
EPD-WA-02-052523	TO-15	110-54-3	HEXANE	2.6	U	0.24	2.6	UG/M3	2.6	U
EPD-WA-02-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.65	J	0.32	1	UG/M3	0.65	J
EPD-WA-02-052523	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-02-052523	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-WA-02-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-02-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-02-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-02-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-02-052523	TO-15	124-19-6	NONANAL	0.76	NJ			PPBV	0.76	NJ
EPD-WA-02-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-02-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.088	0.2	UG/M3	0.20	U
EPD-WA-02-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-02-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-02-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-02-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-WA-02-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.073	J	0.031	0.12	UG/M3	0.073	J
EPD-WA-02-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-02-052523	TO-15 SIM	71-43-2	BENZENE	0.33		0.027	0.24	UG/M3	0.33	
EPD-WA-02-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.52		0.04	0.19	UG/M3	0.52	
EPD-WA-02-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-02-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.09	J	0.022	0.15	UG/M3	0.090	J
EPD-WA-02-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.31	1.5	UG/M3	0.96	J
EPD-WA-02-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-02-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.062	J	0.013	0.13	UG/M3	0.062	J
EPD-WA-02-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-WA-02-052523	TO-15 SIM	75-71-8	FREON 12	2.5		0.027	0.37	UG/M3	2.5	
EPD-WA-02-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.2	J	0.0079	0.26	UG/M3	0.26	U
EPD-WA-02-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-02-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-WA-02-052523	TO-15 SIM	95-47-6	O-XYLENE	0.076	J	0.011	0.13	UG/M3	0.076	J
EPD-WA-02-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-02-052523	TO-15 SIM	108-88-3	TOLUENE	0.38		0.015	0.28	UG/M3	0.38	
EPD-WA-02-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	1.7		0.014	0.59	UG/M3	1.7	
EPD-WA-02-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-02-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.23		0.011	0.038	UG/M3	0.23	
EPD-WA-03-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-WA-03-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74	U	0.18	0.74	UG/M3	0.74	U
EPD-WA-03-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-03-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-03-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.15	0.74	UG/M3	0.74	U
EPD-WA-03-052523	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.046	0.33	UG/M3	0.33	U
EPD-WA-03-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.09	0.9	UG/M3	0.90	U
EPD-WA-03-052523	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-03-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.23	3.5	UG/M3	3.5	U
EPD-WA-03-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.47	J	0.38	2.2	UG/M3	0.47	J
EPD-WA-03-052523	TO-15	591-78-6	2-HEXANONE	3.1	U	0.58	3.1	UG/M3	3.1	U
EPD-WA-03-052523	TO-15	67-63-0	2-PROPANOL	7.4	U	0.18	7.4	UG/M3	7.4	U
EPD-WA-03-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-WA-03-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-03-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-03-052523	TO-15	67-64-1	ACETONE	7.7		0.53	7.1	UG/M3	7.7	
EPD-WA-03-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.22	0.78	UG/M3	0.78	U
EPD-WA-03-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-03-052523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-03-052523	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-03-052523	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-03-052523	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.08	0.69	UG/M3	0.69	U
EPD-WA-03-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-03-052523	TO-15	98-82-8	CUMENE	0.74	U	0.068	0.74	UG/M3	0.74	U
EPD-WA-03-052523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-03-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305597

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-052523	TO-15	64-17-5	ETHANOL	2.9	J	0.72	18	UG/M3	2.9	J
EPD-WA-03-052523	TO-15	75-69-4	FREON 11	1.4		0.13	0.84	UG/M3	1.4	
EPD-WA-03-052523	TO-15	76-13-1	FREON 113	0.53	J	0.12	1.1	UG/M3	0.53	J
EPD-WA-03-052523	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-03-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.52	8	UG/M3	8.0	U
EPD-WA-03-052523	TO-15	110-54-3	HEXANE	2.6	U	0.24	2.6	UG/M3	2.6	U
EPD-WA-03-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J	0.32	1	UG/M3	0.42	J
EPD-WA-03-052523	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-03-052523	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-WA-03-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-03-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-03-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-03-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-03-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-03-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.088	0.2	UG/M3	0.20	U
EPD-WA-03-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-03-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-03-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-03-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-WA-03-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.072	J	0.031	0.12	UG/M3	0.072	J
EPD-WA-03-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-03-052523	TO-15 SIM	71-43-2	BENZENE	0.28		0.027	0.24	UG/M3	0.28	
EPD-WA-03-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.53		0.04	0.19	UG/M3	0.53	
EPD-WA-03-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-03-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.022	0.15	UG/M3	0.074	J
EPD-WA-03-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.31	1.5	UG/M3	1.0	J
EPD-WA-03-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-03-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.043	J	0.013	0.13	UG/M3	0.043	J
EPD-WA-03-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-WA-03-052523	TO-15 SIM	75-71-8	FREON 12	2.6		0.027	0.37	UG/M3	2.6	
EPD-WA-03-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.12	J	0.0079	0.26	UG/M3	0.26	U
EPD-WA-03-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-03-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-WA-03-052523	TO-15 SIM	95-47-6	O-XYLENE	0.053	J	0.011	0.13	UG/M3	0.053	J
EPD-WA-03-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-03-052523	TO-15 SIM	108-88-3	TOLUENE	0.27	J	0.015	0.28	UG/M3	0.27	J
EPD-WA-03-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.014	0.59	UG/M3	0.59	U
EPD-WA-03-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-03-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039		0.011	0.038	UG/M3	0.039	
EPD-WA-04-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-04-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18	J	0.18	0.73	UG/M3	0.18	J
EPD-WA-04-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-04-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-04-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-04-052523	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-04-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.089	0.9	UG/M3	0.90	U
EPD-WA-04-052523	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-04-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.23	3.5	UG/M3	3.5	U
EPD-WA-04-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-04-052523	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-04-052523	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-04-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-WA-04-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.15	J	0.12	0.73	UG/M3	0.15	J
EPD-WA-04-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-04-052523	TO-15	67-64-1	ACETONE	6	J	0.53	7.1	UG/M3	7.1	U
EPD-WA-04-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-04-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.12	1	UG/M3	1.0	U
EPD-WA-04-052523	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-04-052523	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-04-052523	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-04-052523	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.079	0.68	UG/M3	0.68	U
EPD-WA-04-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-04-052523	TO-15	98-82-8	CUMENE	0.73	U	0.068	0.73	UG/M3	0.73	U
EPD-WA-04-052523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.43	2.6	UG/M3	2.6	U
EPD-WA-04-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-04-052523	TO-15	64-17-5	ETHANOL	1.9	J	0.71	17	UG/M3	1.9	J
EPD-WA-04-052523	TO-15	75-69-4	FREON 11	1.3		0.12	0.84	UG/M3	1.3	
EPD-WA-04-052523	TO-15	76-13-1	FREON 113	0.43	J	0.12	1.1	UG/M3	0.43	J
EPD-WA-04-052523	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-04-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-04-052523	TO-15	110-54-3	HEXANE	2.6	U	0.24	2.6	UG/M3	2.6	U
EPD-WA-04-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.46	J	0.32	1	UG/M3	0.46	J

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-052523	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-04-052523	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-04-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-04-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-04-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-04-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-04-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-04-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.087	0.2	UG/M3	0.20	U
EPD-WA-04-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-04-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-04-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-04-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-WA-04-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.07	J	0.031	0.12	UG/M3	0.070	J
EPD-WA-04-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.063	0.18	UG/M3	0.18	U
EPD-WA-04-052523	TO-15 SIM	71-43-2	BENZENE	0.42		0.027	0.24	UG/M3	0.42	
EPD-WA-04-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.04	0.19	UG/M3	0.51	
EPD-WA-04-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-04-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.021	0.14	UG/M3	0.071	J
EPD-WA-04-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.99	J	0.31	1.5	UG/M3	0.99	J
EPD-WA-04-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-04-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.012	0.13	UG/M3	0.11	J
EPD-WA-04-052523	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.017	0.21	UG/M3	0.11	J
EPD-WA-04-052523	TO-15 SIM	75-71-8	FREON 12	2.5		0.027	0.37	UG/M3	2.5	
EPD-WA-04-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.36		0.0079	0.26	UG/M3	0.36	
EPD-WA-04-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-04-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-WA-04-052523	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.011	0.13	UG/M3	0.14	
EPD-WA-04-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-04-052523	TO-15 SIM	108-88-3	TOLUENE	0.88		0.014	0.28	UG/M3	0.88	
EPD-WA-04-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.014	0.59	UG/M3	0.59	U
EPD-WA-04-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-04-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.027	J	0.011	0.038	UG/M3	0.027	J
EPD-WA-05-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	1.3	5.7	UG/M3	5.7	U
EPD-WA-05-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76	U	0.18	0.76	UG/M3	0.76	U
EPD-WA-05-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	0.14	0.92	UG/M3	0.92	U
EPD-WA-05-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-WA-05-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-WA-05-052523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U
EPD-WA-05-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	0.092	0.92	UG/M3	0.92	U
EPD-WA-05-052523	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.08	0.55	UG/M3	0.55	U
EPD-WA-05-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.23	3.6	UG/M3	3.6	U
EPD-WA-05-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.45	J	0.39	2.3	UG/M3	0.45	J
EPD-WA-05-052523	TO-15	591-78-6	2-HEXANONE	3.2	U	0.6	3.2	UG/M3	3.2	U
EPD-WA-05-052523	TO-15	67-63-0	2-PROPANOL	7.6	U	0.18	7.6	UG/M3	7.6	U
EPD-WA-05-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-WA-05-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.76	U	0.13	0.76	UG/M3	0.76	U
EPD-WA-05-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.19	0.63	UG/M3	0.63	U
EPD-WA-05-052523	TO-15	67-64-1	ACETONE	7.2	J	0.55	7.3	UG/M3	7.3	U
EPD-WA-05-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	0.23	0.8	UG/M3	0.80	U
EPD-WA-05-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-05-052523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-05-052523	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-05-052523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-05-052523	TO-15	108-90-7	CHLOROBENZENE	0.71	U	0.082	0.71	UG/M3	0.71	U
EPD-WA-05-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U	0.19	0.7	UG/M3	0.70	U
EPD-WA-05-052523	TO-15	98-82-8	CUMENE	0.76	U	0.07	0.76	UG/M3	0.76	U
EPD-WA-05-052523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.45	2.6	UG/M3	2.6	U
EPD-WA-05-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-05-052523	TO-15	64-17-5	ETHANOL	18	U	0.74	18	UG/M3	18	U
EPD-WA-05-052523	TO-15	75-69-4	FREON 11	1.4		0.13	0.86	UG/M3	1.4	
EPD-WA-05-052523	TO-15	76-13-1	FREON 113	0.44	J	0.12	1.2	UG/M3	0.44	J
EPD-WA-05-052523	TO-15	142-82-5	HEPTANE	3.2	U	0.44	3.2	UG/M3	3.2	U
EPD-WA-05-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	0.54	8.2	UG/M3	8.2	U
EPD-WA-05-052523	TO-15	110-54-3	HEXANE	2.7	U	0.24	2.7	UG/M3	2.7	U
EPD-WA-05-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.53	J	0.33	1.1	UG/M3	0.53	J
EPD-WA-05-052523	TO-15	103-65-1	PROPYLBENZENE	0.76	U	0.17	0.76	UG/M3	0.76	U
EPD-WA-05-052523	TO-15	100-42-5	STYRENE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-05-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.38	2.3	UG/M3	2.3	U
EPD-WA-05-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-05-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-05-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-05-052523	TO-15	124-19-6	NONANAL	3.1	NJ			PPBV	3.1	NJ

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305597

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-05-052523	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-05-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.058	0.17	UG/M3	0.17	U
EPD-WA-05-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.018	0.12	UG/M3	0.12	U
EPD-WA-05-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.023	0.061	UG/M3	0.061	U
EPD-WA-05-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.083	0.24	UG/M3	0.24	U
EPD-WA-05-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.068	J	0.032	0.12	UG/M3	0.068	J
EPD-WA-05-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.066	0.18	UG/M3	0.18	U
EPD-WA-05-052523	TO-15 SIM	71-43-2	BENZENE	0.26		0.028	0.24	UG/M3	0.26	
EPD-WA-05-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.041	0.19	UG/M3	0.50	
EPD-WA-05-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-05-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.022	0.15	UG/M3	0.078	J
EPD-WA-05-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.32	1.6	UG/M3	0.96	J
EPD-WA-05-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-05-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.2		0.013	0.13	UG/M3	0.20	
EPD-WA-05-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.22	UG/M3	0.12	J
EPD-WA-05-052523	TO-15 SIM	75-71-8	FREON 12	2.5		0.028	0.38	UG/M3	2.5	
EPD-WA-05-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.7		0.0082	0.27	UG/M3	0.70	
EPD-WA-05-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-WA-05-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.68		0.12	0.4	UG/M3	0.68	
EPD-WA-05-052523	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.011	0.13	UG/M3	0.20	
EPD-WA-05-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.11	0.21	UG/M3	0.21	U
EPD-WA-05-052523	TO-15 SIM	108-88-3	TOLUENE	1.3		0.015	0.29	UG/M3	1.3	
EPD-WA-05-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.04	J	0.014	0.61	UG/M3	0.040	J
EPD-WA-05-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-05-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.011	0.039	UG/M3	0.039	U
EPD-WA-06-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-WA-06-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-06-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94	U	0.15	0.94	UG/M3	0.94	U
EPD-WA-06-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-06-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77	U	0.15	0.77	UG/M3	0.77	U
EPD-WA-06-052523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U
EPD-WA-06-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94	U	0.093	0.94	UG/M3	0.94	U
EPD-WA-06-052523	TO-15	123-91-1	1,4-DIOXANE	0.085	J	0.081	0.56	UG/M3	0.085	J
EPD-WA-06-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.24	3.6	UG/M3	3.6	U
EPD-WA-06-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.65	J	0.39	2.3	UG/M3	0.65	J
EPD-WA-06-052523	TO-15	591-78-6	2-HEXANONE	3.2	U	0.61	3.2	UG/M3	3.2	U
EPD-WA-06-052523	TO-15	67-63-0	2-PROPANOL	7.7	U	0.18	7.7	UG/M3	7.7	U
EPD-WA-06-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-06-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.77	U	0.13	0.77	UG/M3	0.77	U
EPD-WA-06-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64	U	0.2	0.64	UG/M3	0.64	U
EPD-WA-06-052523	TO-15	67-64-1	ACETONE	8		0.56	7.4	UG/M3	8.0	
EPD-WA-06-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81	U	0.23	0.81	UG/M3	0.81	U
EPD-WA-06-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-06-052523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-06-052523	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-06-052523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-06-052523	TO-15	108-90-7	CHLOROBENZENE	0.72	U	0.083	0.72	UG/M3	0.72	U
EPD-WA-06-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-06-052523	TO-15	98-82-8	CUMENE	0.77	U	0.071	0.77	UG/M3	0.77	U
EPD-WA-06-052523	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.45	2.7	UG/M3	2.7	U
EPD-WA-06-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-06-052523	TO-15	64-17-5	ETHANOL	19		0.75	18	UG/M3	19	
EPD-WA-06-052523	TO-15	75-69-4	FREON 11	1.3		0.13	0.88	UG/M3	1.3	
EPD-WA-06-052523	TO-15	76-13-1	FREON 113	0.45	J	0.12	1.2	UG/M3	0.45	J
EPD-WA-06-052523	TO-15	142-82-5	HEPTANE	3.2	U	0.44	3.2	UG/M3	3.2	U
EPD-WA-06-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3	U	0.55	8.3	UG/M3	8.3	U
EPD-WA-06-052523	TO-15	110-54-3	HEXANE	2.7	U	0.25	2.7	UG/M3	2.7	U
EPD-WA-06-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.41	J	0.34	1.1	UG/M3	0.41	J
EPD-WA-06-052523	TO-15	103-65-1	PROPYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-06-052523	TO-15	100-42-5	STYRENE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-06-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-06-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-WA-06-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-06-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-06-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-06-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.091	0.21	UG/M3	0.21	U
EPD-WA-06-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-06-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-06-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.024	0.062	UG/M3	0.062	U
EPD-WA-06-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.084	0.24	UG/M3	0.24	U
EPD-WA-06-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.032	0.13	UG/M3	0.069	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305597

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.066	0.19	UG/M3	0.19	U
EPD-WA-06-052523	TO-15 SIM	71-43-2	BENZENE	0.32		0.028	0.25	UG/M3	0.32	
EPD-WA-06-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.53		0.042	0.2	UG/M3	0.53	
EPD-WA-06-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-06-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.022	0.15	UG/M3	0.076	J
EPD-WA-06-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.32	1.6	UG/M3	1.0	J
EPD-WA-06-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-06-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.08	J	0.013	0.14	UG/M3	0.080	J
EPD-WA-06-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.018	0.22	UG/M3	0.12	J
EPD-WA-06-052523	TO-15 SIM	75-71-8	FREON 12	2.6		0.028	0.38	UG/M3	2.6	
EPD-WA-06-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24	J	0.0083	0.27	UG/M3	0.27	U
EPD-WA-06-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-WA-06-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.18	J	0.12	0.41	UG/M3	0.18	J
EPD-WA-06-052523	TO-15 SIM	95-47-6	O-XYLENE	0.094	J	0.012	0.14	UG/M3	0.094	J
EPD-WA-06-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-WA-06-052523	TO-15 SIM	108-88-3	TOLUENE	0.44		0.015	0.29	UG/M3	0.44	
EPD-WA-06-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.62	U	0.014	0.62	UG/M3	0.62	U
EPD-WA-06-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-06-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.027	J	0.012	0.04	UG/M3	0.027	J
EPD-WA-33-052523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-WA-33-052523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-33-052523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94	U	0.15	0.94	UG/M3	0.94	U
EPD-WA-33-052523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-33-052523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77	U	0.15	0.77	UG/M3	0.77	U
EPD-WA-33-052523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U
EPD-WA-33-052523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94	U	0.093	0.94	UG/M3	0.94	U
EPD-WA-33-052523	TO-15	123-91-1	1,4-DIOXANE	0.56	U	0.081	0.56	UG/M3	0.56	U
EPD-WA-33-052523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.24	3.6	UG/M3	3.6	U
EPD-WA-33-052523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.53	J	0.39	2.3	UG/M3	0.53	J
EPD-WA-33-052523	TO-15	591-78-6	2-HEXANONE	3.2	U	0.61	3.2	UG/M3	3.2	U
EPD-WA-33-052523	TO-15	67-63-0	2-PROPANOL	7.7	U	0.18	7.7	UG/M3	7.7	U
EPD-WA-33-052523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-33-052523	TO-15	622-96-8	4-ETHYLTOLUENE	0.77	U	0.13	0.77	UG/M3	0.77	U
EPD-WA-33-052523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64	U	0.2	0.64	UG/M3	0.64	U
EPD-WA-33-052523	TO-15	67-64-1	ACETONE	6.5	J	0.56	7.4	UG/M3	7.4	U
EPD-WA-33-052523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81	U	0.23	0.81	UG/M3	0.81	U
EPD-WA-33-052523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-33-052523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-33-052523	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-33-052523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-33-052523	TO-15	108-90-7	CHLOROBENZENE	0.72	U	0.083	0.72	UG/M3	0.72	U
EPD-WA-33-052523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-33-052523	TO-15	98-82-8	CUMENE	0.77	U	0.071	0.77	UG/M3	0.77	U
EPD-WA-33-052523	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.45	2.7	UG/M3	2.7	U
EPD-WA-33-052523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-33-052523	TO-15	64-17-5	ETHANOL	1.6	J	0.75	18	UG/M3	1.6	J
EPD-WA-33-052523	TO-15	75-69-4	FREON 11	1.4		0.13	0.88	UG/M3	1.4	
EPD-WA-33-052523	TO-15	76-13-1	FREON 113	0.53	J	0.12	1.2	UG/M3	0.53	J
EPD-WA-33-052523	TO-15	142-82-5	HEPTANE	3.2	U	0.44	3.2	UG/M3	3.2	U
EPD-WA-33-052523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3	U	0.55	8.3	UG/M3	8.3	U
EPD-WA-33-052523	TO-15	110-54-3	HEXANE	2.7	U	0.25	2.7	UG/M3	2.7	U
EPD-WA-33-052523	TO-15	75-09-2	METHYLENE CHLORIDE	0.5	J	0.34	1.1	UG/M3	0.50	J
EPD-WA-33-052523	TO-15	103-65-1	PROPYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-33-052523	TO-15	100-42-5	STYRENE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-33-052523	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-33-052523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-WA-33-052523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-33-052523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-33-052523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-33-052523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.091	0.21	UG/M3	0.21	U
EPD-WA-33-052523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-33-052523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-33-052523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.024	0.062	UG/M3	0.062	U
EPD-WA-33-052523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.084	0.24	UG/M3	0.24	U
EPD-WA-33-052523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.072	J	0.032	0.13	UG/M3	0.072	J
EPD-WA-33-052523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.066	0.19	UG/M3	0.19	U
EPD-WA-33-052523	TO-15 SIM	71-43-2	BENZENE	0.26		0.028	0.25	UG/M3	0.26	
EPD-WA-33-052523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.55		0.042	0.2	UG/M3	0.55	
EPD-WA-33-052523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-33-052523	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.022	0.15	UG/M3	0.074	J
EPD-WA-33-052523	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.32	1.6	UG/M3	1.0	J
EPD-WA-33-052523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305597

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-052523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.044	J	0.013	0.14	UG/M3	0.044	J
EPD-WA-33-052523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.018	0.22	UG/M3	0.12	J
EPD-WA-33-052523	TO-15 SIM	75-71-8	FREON 12	2.7		0.028	0.38	UG/M3	2.7	
EPD-WA-33-052523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.12	J	0.0083	0.27	UG/M3	0.27	U
EPD-WA-33-052523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-WA-33-052523	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	0.12	0.41	UG/M3	0.41	U
EPD-WA-33-052523	TO-15 SIM	95-47-6	O-XYLENE	0.052	J	0.012	0.14	UG/M3	0.052	J
EPD-WA-33-052523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-WA-33-052523	TO-15 SIM	108-88-3	TOLUENE	0.26	J	0.015	0.29	UG/M3	0.26	J
EPD-WA-33-052523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.62	U	0.014	0.62	UG/M3	0.62	U
EPD-WA-33-052523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-33-052523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.043		0.012	0.04	UG/M3	0.043	

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1900c		
Laboratory Report No.	2305624	Laboratory	Eurofins Air Toxics, LLC, Folsom CA
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in both scan and selective ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples, including one field duplicate		
Collection Date(s)	05/26/2023		
Field Duplicate Pairs	EPD-WA-02-052623/EPD-WA-22-052623		
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, EPA Region 5, 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 the findings of this validation effort

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	The residual canister receipt vacuum values in the laboratory report are positive and should not be. The laboratory was contacted and confirmed that all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15: Acetone was detected in the method blank for batch 20052701 at a concentration between the method detection limit (MDL) and reporting limit (RL). Acetone was detected in the following samples at levels between the MDL and RL: EPD-DW-F-052623, EPD-WA-01-052623, EPD-WA-02-052623, and EPD-WA-22-052623; results for acetone in those samples were qualified as not detected (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	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	TO-15 SIM : Low percent recovery (%R) was observed for 1,4-Dichlorobenzene in the LCS/LCSD pair for batch 21052701. Associated samples were all non-detect for this analyte and flagged as estimated by the laboratory (flagged UJ).

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: • EPD-DW-F-052623 was 1.46 • EPD-UW-B-052623 was 1.44 • EPD-WA-01-052623 was 1.48 • EPD-WA-02-052623 was 1.47 • EPD-WA-03-052623 was 1.55 • EPD-WA-04-052623 was 1.47 • EPD-WA-05-052623 was 1.42 • EPD-WA-06-052623 was 1.41 • EPD-WA-22-052623 was 1.46

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were not detected in any samples. 2-Ethyl-1-hexanol and butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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.
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.
NF	The tentatively identified compound was manually searched for but not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-F-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-DW-F-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-DW-F-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.14	0.88	UG/M3	0.88	U
EPD-DW-F-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-DW-F-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-DW-F-052623	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-DW-F-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.087	0.88	UG/M3	0.88	U
EPD-DW-F-052623	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.076	0.53	UG/M3	0.53	U
EPD-DW-F-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.35	J	0.22	3.4	UG/M3	0.35	J
EPD-DW-F-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.38	J	0.37	2.2	UG/M3	0.38	J
EPD-DW-F-052623	TO-15	591-78-6	2-HEXANONE	3	U	0.57	3	UG/M3	3.0	U
EPD-DW-F-052623	TO-15	67-63-0	2-PROPANOL	7.2	U	0.17	7.2	UG/M3	7.2	U
EPD-DW-F-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-DW-F-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-DW-F-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.18	0.6	UG/M3	0.60	U
EPD-DW-F-052623	TO-15	67-64-1	ACETONE	5.1	J	0.52	6.9	UG/M3	6.9	U
EPD-DW-F-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.22	0.76	UG/M3	0.76	U
EPD-DW-F-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.12	0.98	UG/M3	0.98	U
EPD-DW-F-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-DW-F-052623	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-DW-F-052623	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-DW-F-052623	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.077	0.67	UG/M3	0.67	U
EPD-DW-F-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-DW-F-052623	TO-15	98-82-8	CUMENE	0.72	U	0.066	0.72	UG/M3	0.72	U
EPD-DW-F-052623	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-DW-F-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-DW-F-052623	TO-15	64-17-5	ETHANOL	2.7	J	0.7	17	UG/M3	2.7	J
EPD-DW-F-052623	TO-15	75-69-4	FREON 11	1.3		0.12	0.82	UG/M3	1.3	
EPD-DW-F-052623	TO-15	76-13-1	FREON 113	0.54	J	0.11	1.1	UG/M3	0.54	J
EPD-DW-F-052623	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-DW-F-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.51	7.8	UG/M3	7.8	U
EPD-DW-F-052623	TO-15	110-54-3	HEXANE	0.24	J	0.23	2.6	UG/M3	0.24	J
EPD-DW-F-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.41	J	0.32	1	UG/M3	0.41	J
EPD-DW-F-052623	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.16	0.72	UG/M3	0.72	U
EPD-DW-F-052623	TO-15	100-42-5	STYRENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-DW-F-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.36	2.2	UG/M3	2.2	U
EPD-DW-F-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-DW-F-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-DW-F-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-DW-F-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-DW-F-052623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.085	0.2	UG/M3	0.20	U
EPD-DW-F-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.055	0.16	UG/M3	0.16	U
EPD-DW-F-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-DW-F-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.022	0.058	UG/M3	0.058	U
EPD-DW-F-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.079	0.22	UG/M3	0.22	U
EPD-DW-F-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.03	0.12	UG/M3	0.069	J
EPD-DW-F-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.062	0.18	UG/M3	0.18	U
EPD-DW-F-052623	TO-15 SIM	71-43-2	BENZENE	0.3		0.026	0.23	UG/M3	0.30	
EPD-DW-F-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.039	0.18	UG/M3	0.49	
EPD-DW-F-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-DW-F-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.021	0.14	UG/M3	0.079	J
EPD-DW-F-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.3	1.5	UG/M3	0.92	J
EPD-DW-F-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-DW-F-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.076	J	0.012	0.13	UG/M3	0.076	J
EPD-DW-F-052623	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-DW-F-052623	TO-15 SIM	75-71-8	FREON 12	2.5		0.026	0.36	UG/M3	2.5	
EPD-DW-F-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.28		0.0077	0.25	UG/M3	0.28	
EPD-DW-F-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-DW-F-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-DW-F-052623	TO-15 SIM	95-47-6	O-XYLENE	0.1	J	0.011	0.13	UG/M3	0.10	J
EPD-DW-F-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-DW-F-052623	TO-15 SIM	108-88-3	TOLUENE	0.57		0.014	0.28	UG/M3	0.57	
EPD-DW-F-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	U	0.013	0.58	UG/M3	0.58	U
EPD-DW-F-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-DW-F-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.097		0.011	0.037	UG/M3	0.097	
EPD-UW-B-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.3	5.3	UG/M3	5.3	U
EPD-UW-B-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71	U	0.21	0.71	UG/M3	0.71	U
EPD-UW-B-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.1	0.86	UG/M3	0.86	U
EPD-UW-B-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-UW-B-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-UW-B-052623	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.031	0.32	UG/M3	0.32	U
EPD-UW-B-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.098	0.86	UG/M3	0.86	U

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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-B-052623	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.082	0.52	UG/M3	0.52	U
EPD-UW-B-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.54	3.4	UG/M3	3.4	U
EPD-UW-B-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.32	2.1	UG/M3	2.1	U
EPD-UW-B-052623	TO-15	591-78-6	2-HEXANONE	2.9	U	0.46	2.9	UG/M3	2.9	U
EPD-UW-B-052623	TO-15	67-63-0	2-PROPANOL	7.1	U	0.4	7.1	UG/M3	7.1	U
EPD-UW-B-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.45	2.2	UG/M3	2.2	U
EPD-UW-B-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-UW-B-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.21	0.59	UG/M3	0.59	U
EPD-UW-B-052623	TO-15	67-64-1	ACETONE	5.3	J	0.78	6.8	UG/M3	5.3	J
EPD-UW-B-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.14	0.74	UG/M3	0.74	U
EPD-UW-B-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.15	0.96	UG/M3	0.96	U
EPD-UW-B-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.41	1.5	UG/M3	1.5	U
EPD-UW-B-052623	TO-15	74-83-9	BROMOMETHANE	28	U	0.8	28	UG/M3	28	U
EPD-UW-B-052623	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.64	2.2	UG/M3	2.2	U
EPD-UW-B-052623	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.052	0.66	UG/M3	0.66	U
EPD-UW-B-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-UW-B-052623	TO-15	98-82-8	CUMENE	0.71	U	0.09	0.71	UG/M3	0.71	U
EPD-UW-B-052623	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.24	2.5	UG/M3	2.5	U
EPD-UW-B-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.22	1.2	UG/M3	1.2	U
EPD-UW-B-052623	TO-15	64-17-5	ETHANOL	17	U	0.66	17	UG/M3	17	U
EPD-UW-B-052623	TO-15	75-69-4	FREON 11	1.1		0.064	0.81	UG/M3	1.1	
EPD-UW-B-052623	TO-15	76-13-1	FREON 113	0.45	J	0.19	1.1	UG/M3	0.45	J
EPD-UW-B-052623	TO-15	142-82-5	HEPTANE	3	U	0.36	3	UG/M3	3.0	U
EPD-UW-B-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.77	7.7	UG/M3	7.7	U
EPD-UW-B-052623	TO-15	110-54-3	HEXANE	2.5	U	0.4	2.5	UG/M3	2.5	U
EPD-UW-B-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.64	J	0.57	1	UG/M3	0.64	J
EPD-UW-B-052623	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-UW-B-052623	TO-15	100-42-5	STYRENE	0.61	U	0.089	0.61	UG/M3	0.61	U
EPD-UW-B-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.34	2.1	UG/M3	2.1	U
EPD-UW-B-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.16	0.65	UG/M3	0.65	U
EPD-UW-B-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-UW-B-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-UW-B-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-UW-B-052623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.048	0.2	UG/M3	0.20	U
EPD-UW-B-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.018	0.16	UG/M3	0.16	U
EPD-UW-B-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-UW-B-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.015	0.057	UG/M3	0.057	U
EPD-UW-B-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.03	0.22	UG/M3	0.22	U
EPD-UW-B-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.075	J	0.014	0.12	UG/M3	0.075	J
EPD-UW-B-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.074	0.17	UG/M3	0.17	UJ
EPD-UW-B-052623	TO-15 SIM	71-43-2	BENZENE	0.19	J	0.022	0.23	UG/M3	0.19	J
EPD-UW-B-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.013	0.18	UG/M3	0.43	
EPD-UW-B-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.01	0.19	UG/M3	0.19	U
EPD-UW-B-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.072	J	0.015	0.14	UG/M3	0.072	J
EPD-UW-B-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.8	J	0.18	1.5	UG/M3	0.80	J
EPD-UW-B-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.015	0.11	UG/M3	0.11	U
EPD-UW-B-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.027	J	0.019	0.12	UG/M3	0.027	J
EPD-UW-B-052623	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.022	0.2	UG/M3	0.10	J
EPD-UW-B-052623	TO-15 SIM	75-71-8	FREON 12	2.2		0.014	0.36	UG/M3	2.2	
EPD-UW-B-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.078	J	0.024	0.25	UG/M3	0.078	J
EPD-UW-B-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0096	0.52	UG/M3	0.52	U
EPD-UW-B-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-UW-B-052623	TO-15 SIM	95-47-6	O-XYLENE	0.036	J	0.021	0.12	UG/M3	0.036	J
EPD-UW-B-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.028	0.2	UG/M3	0.20	U
EPD-UW-B-052623	TO-15 SIM	108-88-3	TOLUENE	0.27		0.019	0.27	UG/M3	0.27	
EPD-UW-B-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.0086	0.57	UG/M3	0.57	U
EPD-UW-B-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.025	0.15	UG/M3	0.15	U
EPD-UW-B-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.01	0.037	UG/M3	0.037	U
EPD-WA-01-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-01-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73	U	0.18	0.73	UG/M3	0.73	U
EPD-WA-01-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.14	0.89	UG/M3	0.89	U
EPD-WA-01-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-01-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-01-052623	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-01-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.088	0.89	UG/M3	0.89	U
EPD-WA-01-052623	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.077	0.53	UG/M3	0.53	U
EPD-WA-01-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.33	J	0.22	3.4	UG/M3	0.33	J
EPD-WA-01-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.38	J	0.37	2.2	UG/M3	0.38	J
EPD-WA-01-052623	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-01-052623	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-01-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-01-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.73	U	0.12	0.73	UG/M3	0.73	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-WA-01-052623	TO-15	67-64-1	ACETONE	6.4	J	0.53	7	UG/M3	7	U
EPD-WA-01-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-01-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.12	0.99	UG/M3	0.99	U
EPD-WA-01-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-01-052623	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-01-052623	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-01-052623	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.078	0.68	UG/M3	0.68	U
EPD-WA-01-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.18	0.67	UG/M3	0.67	U
EPD-WA-01-052623	TO-15	98-82-8	CUMENE	0.73	U	0.067	0.73	UG/M3	0.73	U
EPD-WA-01-052623	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.43	2.5	UG/M3	2.5	U
EPD-WA-01-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.18	1.3	UG/M3	1.3	U
EPD-WA-01-052623	TO-15	64-17-5	ETHANOL	3.5	J	0.71	17	UG/M3	3.5	J
EPD-WA-01-052623	TO-15	75-69-4	FREON 11	1.5		0.12	0.83	UG/M3	1.5	
EPD-WA-01-052623	TO-15	76-13-1	FREON 113	0.58	J	0.12	1.1	UG/M3	0.58	J
EPD-WA-01-052623	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-01-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-01-052623	TO-15	110-54-3	HEXANE	2.6	U	0.24	2.6	UG/M3	2.6	U
EPD-WA-01-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.52	J	0.32	1	UG/M3	0.52	J
EPD-WA-01-052623	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-01-052623	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-01-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-01-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-01-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-01-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-01-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-01-052623	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-01-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-01-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-01-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.022	0.059	UG/M3	0.059	U
EPD-WA-01-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.08	0.23	UG/M3	0.23	U
EPD-WA-01-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.066	J	0.03	0.12	UG/M3	0.066	J
EPD-WA-01-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.063	0.18	UG/M3	0.18	U
EPD-WA-01-052623	TO-15 SIM	71-43-2	BENZENE	0.29		0.027	0.24	UG/M3	0.29	
EPD-WA-01-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.6		0.04	0.19	UG/M3	0.60	
EPD-WA-01-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-01-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.083	J	0.021	0.14	UG/M3	0.083	J
EPD-WA-01-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1	J	0.31	1.5	UG/M3	1.1	J
EPD-WA-01-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-01-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.061	J	0.012	0.13	UG/M3	0.061	J
EPD-WA-01-052623	TO-15 SIM	76-14-2	FREON 114	0.15	J	0.017	0.21	UG/M3	0.15	J
EPD-WA-01-052623	TO-15 SIM	75-71-8	FREON 12	2.9		0.027	0.36	UG/M3	2.9	
EPD-WA-01-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.21	J	0.0078	0.26	UG/M3	0.21	J
EPD-WA-01-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-01-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-WA-01-052623	TO-15 SIM	95-47-6	O-XYLENE	0.081	J	0.011	0.13	UG/M3	0.081	J
EPD-WA-01-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-01-052623	TO-15 SIM	108-88-3	TOLUENE	0.58		0.014	0.28	UG/M3	0.58	
EPD-WA-01-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.013	0.59	UG/M3	0.59	U
EPD-WA-01-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-01-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.41		0.011	0.038	UG/M3	0.41	
EPD-WA-02-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-WA-02-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-WA-02-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.14	0.88	UG/M3	0.88	U
EPD-WA-02-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-02-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-WA-02-052623	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.045	0.32	UG/M3	0.32	U
EPD-WA-02-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.088	0.88	UG/M3	0.88	U
EPD-WA-02-052623	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.076	0.53	UG/M3	0.53	U
EPD-WA-02-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.39	J	0.22	3.4	UG/M3	0.39	J
EPD-WA-02-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.39	J	0.37	2.2	UG/M3	0.39	J
EPD-WA-02-052623	TO-15	591-78-6	2-HEXANONE	3	U	0.57	3	UG/M3	3.0	U
EPD-WA-02-052623	TO-15	67-63-0	2-PROPANOL	7.2	U	0.17	7.2	UG/M3	7.2	U
EPD-WA-02-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-02-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-WA-02-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.18	0.6	UG/M3	0.60	U
EPD-WA-02-052623	TO-15	67-64-1	ACETONE	5.9	J	0.52	7	UG/M3	7	U
EPD-WA-02-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.22	0.76	UG/M3	0.76	U
EPD-WA-02-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.12	0.98	UG/M3	0.98	U
EPD-WA-02-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-02-052623	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-WA-02-052623	TO-15	75-15-0	CARBON DISULFIDE	0.1	J	0.1	2.3	UG/M3	0.10	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-052623	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.078	0.68	UG/M3	0.68	U
EPD-WA-02-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.18	0.67	UG/M3	0.67	U
EPD-WA-02-052623	TO-15	98-82-8	CUMENE	0.72	U	0.067	0.72	UG/M3	0.72	U
EPD-WA-02-052623	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.43	2.5	UG/M3	2.5	U
EPD-WA-02-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-02-052623	TO-15	64-17-5	ETHANOL	1.7	J	0.7	17	UG/M3	1.7	J
EPD-WA-02-052623	TO-15	75-69-4	FREON 11	1.5		0.12	0.82	UG/M3	1.5	
EPD-WA-02-052623	TO-15	76-13-1	FREON 113	0.59	J	0.12	1.1	UG/M3	0.59	J
EPD-WA-02-052623	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-02-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.52	7.8	UG/M3	7.8	U
EPD-WA-02-052623	TO-15	110-54-3	HEXANE	0.27	J	0.23	2.6	UG/M3	0.27	J
EPD-WA-02-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.52	J	0.32	1	UG/M3	0.52	J
EPD-WA-02-052623	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-WA-02-052623	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-02-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-02-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-02-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-02-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-02-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-02-052623	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-02-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.055	0.16	UG/M3	0.16	U
EPD-WA-02-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-02-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.022	0.058	UG/M3	0.058	U
EPD-WA-02-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.08	0.22	UG/M3	0.22	U
EPD-WA-02-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.03	0.12	UG/M3	0.069	J
EPD-WA-02-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.062	0.18	UG/M3	0.18	U
EPD-WA-02-052623	TO-15 SIM	71-43-2	BENZENE	0.35		0.026	0.23	UG/M3	0.35	
EPD-WA-02-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.59		0.039	0.18	UG/M3	0.59	
EPD-WA-02-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-02-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.021	0.14	UG/M3	0.081	J
EPD-WA-02-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1	J	0.3	1.5	UG/M3	1.1	J
EPD-WA-02-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-02-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.07	J	0.012	0.13	UG/M3	0.070	J
EPD-WA-02-052623	TO-15 SIM	76-14-2	FREON 114	0.14	J	0.017	0.2	UG/M3	0.14	J
EPD-WA-02-052623	TO-15 SIM	75-71-8	FREON 12	3		0.027	0.36	UG/M3	3.0	
EPD-WA-02-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23	J	0.0078	0.26	UG/M3	0.23	J
EPD-WA-02-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-02-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-WA-02-052623	TO-15 SIM	95-47-6	O-XYLENE	0.092	J	0.011	0.13	UG/M3	0.092	J
EPD-WA-02-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-02-052623	TO-15 SIM	108-88-3	TOLUENE	0.5		0.014	0.28	UG/M3	0.50	
EPD-WA-02-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	U	0.013	0.58	UG/M3	0.58	U
EPD-WA-02-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-02-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.39		0.011	0.038	UG/M3	0.39	
EPD-WA-03-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.4	5.8	UG/M3	5.8	U
EPD-WA-03-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76	U	0.23	0.76	UG/M3	0.76	U
EPD-WA-03-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93	U	0.11	0.93	UG/M3	0.93	U
EPD-WA-03-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-WA-03-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-WA-03-052623	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.033	0.34	UG/M3	0.34	U
EPD-WA-03-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93	U	0.1	0.93	UG/M3	0.93	U
EPD-WA-03-052623	TO-15	123-91-1	1,4-DIOXANE	0.56	U	0.089	0.56	UG/M3	0.56	U
EPD-WA-03-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.58	3.6	UG/M3	3.6	U
EPD-WA-03-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3	U	0.35	2.3	UG/M3	2.3	U
EPD-WA-03-052623	TO-15	591-78-6	2-HEXANONE	3.2	U	0.49	3.2	UG/M3	3.2	U
EPD-WA-03-052623	TO-15	67-63-0	2-PROPANOL	7.6	U	0.43	7.6	UG/M3	7.6	U
EPD-WA-03-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.48	2.4	UG/M3	2.4	U
EPD-WA-03-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-WA-03-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.23	0.63	UG/M3	0.63	U
EPD-WA-03-052623	TO-15	67-64-1	ACETONE	4	J	0.84	7.4	UG/M3	4.0	J
EPD-WA-03-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	0.15	0.8	UG/M3	0.80	U
EPD-WA-03-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.16	1	UG/M3	1.0	U
EPD-WA-03-052623	TO-15	75-25-2	BROMOFORM	1.6	U	0.44	1.6	UG/M3	1.6	U
EPD-WA-03-052623	TO-15	74-83-9	BROMOMETHANE	30	U	0.86	30	UG/M3	30	U
EPD-WA-03-052623	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.69	2.4	UG/M3	2.4	U
EPD-WA-03-052623	TO-15	108-90-7	CHLOROBENZENE	0.71	U	0.056	0.71	UG/M3	0.71	U
EPD-WA-03-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-03-052623	TO-15	98-82-8	CUMENE	0.76	U	0.096	0.76	UG/M3	0.76	U
EPD-WA-03-052623	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.26	2.7	UG/M3	2.7	U
EPD-WA-03-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.23	1.3	UG/M3	1.3	U
EPD-WA-03-052623	TO-15	64-17-5	ETHANOL	25		0.71	18	UG/M3	25	
EPD-WA-03-052623	TO-15	75-69-4	FREON 11	1.1		0.069	0.87	UG/M3	1.1	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-052623	TO-15	76-13-1	FREON 113	0.4	J	0.2	1.2	UG/M3	0.40	J
EPD-WA-03-052623	TO-15	142-82-5	HEPTANE	3.2	U	0.39	3.2	UG/M3	3.2	U
EPD-WA-03-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3	U	0.83	8.3	UG/M3	8.3	U
EPD-WA-03-052623	TO-15	110-54-3	HEXANE	2.7	U	0.43	2.7	UG/M3	2.7	U
EPD-WA-03-052623	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	0.61	1.1	UG/M3	1.1	U
EPD-WA-03-052623	TO-15	103-65-1	PROPYLBENZENE	0.76	U	0.17	0.76	UG/M3	0.76	U
EPD-WA-03-052623	TO-15	100-42-5	STYRENE	0.66	U	0.096	0.66	UG/M3	0.66	U
EPD-WA-03-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.37	2.3	UG/M3	2.3	U
EPD-WA-03-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	0.17	0.7	UG/M3	0.70	U
EPD-WA-03-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-03-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-03-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.014	0.17	UG/M3	0.17	U
EPD-WA-03-052623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.052	0.21	UG/M3	0.21	U
EPD-WA-03-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.02	0.17	UG/M3	0.17	U
EPD-WA-03-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-WA-03-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.016	0.061	UG/M3	0.061	U
EPD-WA-03-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.032	0.24	UG/M3	0.24	U
EPD-WA-03-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.076	J	0.014	0.12	UG/M3	0.076	J
EPD-WA-03-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	UJ	0.08	0.19	UG/M3	0.19	UJ
EPD-WA-03-052623	TO-15 SIM	71-43-2	BENZENE	0.27		0.024	0.25	UG/M3	0.27	
EPD-WA-03-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.014	0.2	UG/M3	0.42	
EPD-WA-03-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.011	0.2	UG/M3	0.20	U
EPD-WA-03-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.016	0.15	UG/M3	0.068	J
EPD-WA-03-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.79	J	0.19	1.6	UG/M3	0.79	J
EPD-WA-03-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-WA-03-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.037	J	0.02	0.13	UG/M3	0.037	J
EPD-WA-03-052623	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.024	0.22	UG/M3	0.10	J
EPD-WA-03-052623	TO-15 SIM	75-71-8	FREON 12	2.1		0.015	0.38	UG/M3	2.1	
EPD-WA-03-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.13	J	0.026	0.27	UG/M3	0.13	J
EPD-WA-03-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.01	0.56	UG/M3	0.56	U
EPD-WA-03-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	0.12	0.41	UG/M3	0.41	U
EPD-WA-03-052623	TO-15 SIM	95-47-6	O-XYLENE	0.055	J	0.023	0.13	UG/M3	0.055	J
EPD-WA-03-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.038	J	0.03	0.21	UG/M3	0.038	J
EPD-WA-03-052623	TO-15 SIM	108-88-3	TOLUENE	0.41		0.021	0.29	UG/M3	0.41	
EPD-WA-03-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.0092	0.61	UG/M3	0.61	U
EPD-WA-03-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.027	0.17	UG/M3	0.17	U
EPD-WA-03-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.15		0.011	0.04	UG/M3	0.15	
EPD-WA-04-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-WA-04-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-WA-04-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.14	0.88	UG/M3	0.88	U
EPD-WA-04-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-04-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-WA-04-052623	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.045	0.32	UG/M3	0.32	U
EPD-WA-04-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.088	0.88	UG/M3	0.88	U
EPD-WA-04-052623	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.076	0.53	UG/M3	0.53	U
EPD-WA-04-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.24	J	0.22	3.4	UG/M3	0.24	J
EPD-WA-04-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.5	J	0.37	2.2	UG/M3	1.5	J
EPD-WA-04-052623	TO-15	591-78-6	2-HEXANONE	3	U	0.57	3	UG/M3	3.0	U
EPD-WA-04-052623	TO-15	67-63-0	2-PROPANOL	2.1	J	0.17	7.2	UG/M3	2.1	J
EPD-WA-04-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-04-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-WA-04-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.18	0.6	UG/M3	0.60	U
EPD-WA-04-052623	TO-15	67-64-1	ACETONE	12		0.52	7	UG/M3	12	
EPD-WA-04-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.22	0.76	UG/M3	0.76	U
EPD-WA-04-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.12	0.98	UG/M3	0.98	U
EPD-WA-04-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-04-052623	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-WA-04-052623	TO-15	75-15-0	CARBON DISULFIDE	0.15	J	0.1	2.3	UG/M3	0.15	J
EPD-WA-04-052623	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.078	0.68	UG/M3	0.68	U
EPD-WA-04-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.18	0.67	UG/M3	0.67	U
EPD-WA-04-052623	TO-15	98-82-8	CUMENE	0.72	U	0.067	0.72	UG/M3	0.72	U
EPD-WA-04-052623	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.43	2.5	UG/M3	2.5	U
EPD-WA-04-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-04-052623	TO-15	64-17-5	ETHANOL	1.6	J	0.7	17	UG/M3	1.6	J
EPD-WA-04-052623	TO-15	75-69-4	FREON 11	1.4		0.12	0.82	UG/M3	1.4	
EPD-WA-04-052623	TO-15	76-13-1	FREON 113	0.5	J	0.12	1.1	UG/M3	0.50	J
EPD-WA-04-052623	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-04-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.52	7.8	UG/M3	7.8	U
EPD-WA-04-052623	TO-15	110-54-3	HEXANE	2.6	U	0.23	2.6	UG/M3	2.6	U
EPD-WA-04-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.53	J	0.32	1	UG/M3	0.53	J
EPD-WA-04-052623	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-WA-04-052623	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-04-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-04-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-04-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-04-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-04-052623	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-04-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.055	0.16	UG/M3	0.16	U
EPD-WA-04-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-04-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.022	0.058	UG/M3	0.058	U
EPD-WA-04-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.08	0.22	UG/M3	0.22	U
EPD-WA-04-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.071	J	0.03	0.12	UG/M3	0.071	J
EPD-WA-04-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.062	0.18	UG/M3	0.18	U
EPD-WA-04-052623	TO-15 SIM	71-43-2	BENZENE	0.32		0.026	0.23	UG/M3	0.32	
EPD-WA-04-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.6		0.039	0.18	UG/M3	0.60	
EPD-WA-04-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-04-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.087	J	0.021	0.14	UG/M3	0.087	J
EPD-WA-04-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1	J	0.3	1.5	UG/M3	1.1	J
EPD-WA-04-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-04-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.069	J	0.012	0.13	UG/M3	0.069	J
EPD-WA-04-052623	TO-15 SIM	76-14-2	FREON 114	0.14	J	0.017	0.2	UG/M3	0.14	J
EPD-WA-04-052623	TO-15 SIM	75-71-8	FREON 12	3		0.027	0.36	UG/M3	3.0	
EPD-WA-04-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.21	J	0.0078	0.26	UG/M3	0.21	J
EPD-WA-04-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-04-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-WA-04-052623	TO-15 SIM	95-47-6	O-XYLENE	0.082	J	0.011	0.13	UG/M3	0.082	J
EPD-WA-04-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-04-052623	TO-15 SIM	108-88-3	TOLUENE	0.63		0.014	0.28	UG/M3	0.63	
EPD-WA-04-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.03	J	0.013	0.58	UG/M3	0.030	J
EPD-WA-04-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-04-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.011	0.038	UG/M3	0.038	U
EPD-WA-05-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.3	5.3	UG/M3	5.3	U
EPD-WA-05-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7	U	0.21	0.7	UG/M3	0.70	U
EPD-WA-05-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.1	0.85	UG/M3	0.85	U
EPD-WA-05-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-05-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-05-052623	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.03	0.31	UG/M3	0.31	U
EPD-WA-05-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.097	0.85	UG/M3	0.85	U
EPD-WA-05-052623	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.081	0.51	UG/M3	0.51	U
EPD-WA-05-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.54	3.3	UG/M3	3.3	U
EPD-WA-05-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.32	2.1	UG/M3	2.1	U
EPD-WA-05-052623	TO-15	591-78-6	2-HEXANONE	2.9	U	0.45	2.9	UG/M3	2.9	U
EPD-WA-05-052623	TO-15	67-63-0	2-PROPANOL	7	U	0.39	7	UG/M3	7.0	U
EPD-WA-05-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.44	2.2	UG/M3	2.2	U
EPD-WA-05-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.26	J	0.14	0.7	UG/M3	0.26	J
EPD-WA-05-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.21	0.58	UG/M3	0.58	U
EPD-WA-05-052623	TO-15	67-64-1	ACETONE	4	J	0.77	6.7	UG/M3	4.0	J
EPD-WA-05-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.14	0.74	UG/M3	0.74	U
EPD-WA-05-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.15	0.95	UG/M3	0.95	U
EPD-WA-05-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.41	1.5	UG/M3	1.5	U
EPD-WA-05-052623	TO-15	74-83-9	BROMOMETHANE	28	U	0.79	28	UG/M3	28	U
EPD-WA-05-052623	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.63	2.2	UG/M3	2.2	U
EPD-WA-05-052623	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.051	0.65	UG/M3	0.65	U
EPD-WA-05-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-WA-05-052623	TO-15	98-82-8	CUMENE	0.7	U	0.088	0.7	UG/M3	0.70	U
EPD-WA-05-052623	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.24	2.4	UG/M3	2.4	U
EPD-WA-05-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.21	1.2	UG/M3	1.2	U
EPD-WA-05-052623	TO-15	64-17-5	ETHANOL	2.5	J	0.65	16	UG/M3	2.5	J
EPD-WA-05-052623	TO-15	75-69-4	FREON 11	1.1		0.063	0.8	UG/M3	1.1	
EPD-WA-05-052623	TO-15	76-13-1	FREON 113	0.43	J	0.19	1.1	UG/M3	0.43	J
EPD-WA-05-052623	TO-15	142-82-5	HEPTANE	2.9	U	0.36	2.9	UG/M3	2.9	U
EPD-WA-05-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.76	7.6	UG/M3	7.6	U
EPD-WA-05-052623	TO-15	110-54-3	HEXANE	2.5	U	0.39	2.5	UG/M3	2.5	U
EPD-WA-05-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.59	J	0.56	0.99	UG/M3	0.59	J
EPD-WA-05-052623	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-WA-05-052623	TO-15	100-42-5	STYRENE	0.6	U	0.088	0.6	UG/M3	0.60	U
EPD-WA-05-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.34	2.1	UG/M3	2.1	U
EPD-WA-05-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.16	0.64	UG/M3	0.64	U
EPD-WA-05-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-05-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-05-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-WA-05-052623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.047	0.19	UG/M3	0.19	U
EPD-WA-05-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3	0.15	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-WA-05-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.014	0.056	UG/M3	0.056	U
EPD-WA-05-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.03	0.22	UG/M3	0.22	U
EPD-WA-05-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.075	J	0.013	0.11	UG/M3	0.075	J
EPD-WA-05-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.073	0.17	UG/M3	0.17	UJ
EPD-WA-05-052623	TO-15 SIM	71-43-2	BENZENE	0.36		0.022	0.23	UG/M3	0.36	
EPD-WA-05-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.013	0.18	UG/M3	0.43	
EPD-WA-05-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.01	0.19	UG/M3	0.19	U
EPD-WA-05-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.092	J	0.015	0.14	UG/M3	0.092	J
EPD-WA-05-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.78	J	0.18	1.5	UG/M3	0.78	J
EPD-WA-05-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.015	0.11	UG/M3	0.11	U
EPD-WA-05-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12	J	0.018	0.12	UG/M3	0.12	J
EPD-WA-05-052623	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.022	0.2	UG/M3	0.11	J
EPD-WA-05-052623	TO-15 SIM	75-71-8	FREON 12	2.1		0.014	0.35	UG/M3	2.1	
EPD-WA-05-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.54		0.024	0.25	UG/M3	0.54	
EPD-WA-05-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.0095	0.51	UG/M3	0.51	U
EPD-WA-05-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.7		0.11	0.37	UG/M3	0.70	
EPD-WA-05-052623	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.021	0.12	UG/M3	0.19	
EPD-WA-05-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.039	J	0.028	0.19	UG/M3	0.039	J
EPD-WA-05-052623	TO-15 SIM	108-88-3	TOLUENE	1		0.019	0.27	UG/M3	1.0	
EPD-WA-05-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.0084	0.56	UG/M3	0.56	U
EPD-WA-05-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.025	0.15	UG/M3	0.15	U
EPD-WA-05-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.066		0.01	0.036	UG/M3	0.066	
EPD-WA-06-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.3	5.2	UG/M3	5.2	U
EPD-WA-06-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.34	J	0.21	0.69	UG/M3	0.34	J
EPD-WA-06-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.1	0.85	UG/M3	0.85	U
EPD-WA-06-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.11	0.65	UG/M3	0.65	U
EPD-WA-06-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-06-052623	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.03	0.31	UG/M3	0.31	U
EPD-WA-06-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.096	0.85	UG/M3	0.85	U
EPD-WA-06-052623	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.081	0.51	UG/M3	0.51	U
EPD-WA-06-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.53	3.3	UG/M3	3.3	U
EPD-WA-06-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.32	2.1	UG/M3	2.1	U
EPD-WA-06-052623	TO-15	591-78-6	2-HEXANONE	2.9	U	0.45	2.9	UG/M3	2.9	U
EPD-WA-06-052623	TO-15	67-63-0	2-PROPANOL	0.77	J	0.39	6.9	UG/M3	0.77	J
EPD-WA-06-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.44	2.2	UG/M3	2.2	U
EPD-WA-06-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.48	J	0.13	0.69	UG/M3	0.48	J
EPD-WA-06-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.21	0.58	UG/M3	0.58	U
EPD-WA-06-052623	TO-15	67-64-1	ACETONE	9.1		0.77	6.7	UG/M3	9.1	
EPD-WA-06-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73	U	0.13	0.73	UG/M3	0.73	U
EPD-WA-06-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.14	0.94	UG/M3	0.94	U
EPD-WA-06-052623	TO-15	75-25-2	BROMOFORM	1.4	U	0.4	1.4	UG/M3	1.4	U
EPD-WA-06-052623	TO-15	74-83-9	BROMOMETHANE	27	U	0.79	27	UG/M3	27	U
EPD-WA-06-052623	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.63	2.2	UG/M3	2.2	U
EPD-WA-06-052623	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.051	0.65	UG/M3	0.65	U
EPD-WA-06-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-WA-06-052623	TO-15	98-82-8	CUMENE	0.69	U	0.088	0.69	UG/M3	0.69	U
EPD-WA-06-052623	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.24	2.4	UG/M3	2.4	U
EPD-WA-06-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.21	1.2	UG/M3	1.2	U
EPD-WA-06-052623	TO-15	64-17-5	ETHANOL	12	J	0.64	16	UG/M3	12	J
EPD-WA-06-052623	TO-15	75-69-4	FREON 11	1.2		0.062	0.79	UG/M3	1.2	
EPD-WA-06-052623	TO-15	76-13-1	FREON 113	0.47	J	0.18	1.1	UG/M3	0.47	J
EPD-WA-06-052623	TO-15	142-82-5	HEPTANE	2.9	U	0.35	2.9	UG/M3	2.9	U
EPD-WA-06-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.75	7.5	UG/M3	7.5	U
EPD-WA-06-052623	TO-15	110-54-3	HEXANE	2.5	U	0.39	2.5	UG/M3	2.5	U
EPD-WA-06-052623	TO-15	75-09-2	METHYLENE CHLORIDE	1		0.56	0.98	UG/M3	1.0	
EPD-WA-06-052623	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.15	0.69	UG/M3	0.69	U
EPD-WA-06-052623	TO-15	100-42-5	STYRENE	0.6	U	0.087	0.6	UG/M3	0.60	U
EPD-WA-06-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.34	2.1	UG/M3	2.1	U
EPD-WA-06-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.16	0.64	UG/M3	0.64	U
EPD-WA-06-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-06-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-06-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-WA-06-052623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.047	0.19	UG/M3	0.19	U
EPD-WA-06-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3	0.15	U
EPD-WA-06-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-WA-06-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.014	0.056	UG/M3	0.056	U
EPD-WA-06-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.03	0.22	UG/M3	0.22	U
EPD-WA-06-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.083	J	0.013	0.11	UG/M3	0.083	J
EPD-WA-06-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.073	0.17	UG/M3	0.17	UJ
EPD-WA-06-052623	TO-15 SIM	71-43-2	BENZENE	0.7		0.022	0.22	UG/M3	0.70	
EPD-WA-06-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.013	0.18	UG/M3	0.43	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.0099	0.19	UG/M3	0.19	U
EPD-WA-06-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.015	0.14	UG/M3	0.074	J
EPD-WA-06-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77	J	0.18	1.4	UG/M3	0.77	J
EPD-WA-06-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-06-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.21		0.018	0.12	UG/M3	0.21	
EPD-WA-06-052623	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.021	0.2	UG/M3	0.10	J
EPD-WA-06-052623	TO-15 SIM	75-71-8	FREON 12	2.1		0.014	0.35	UG/M3	2.1	
EPD-WA-06-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.64		0.024	0.24	UG/M3	0.64	
EPD-WA-06-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.0094	0.51	UG/M3	0.51	U
EPD-WA-06-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.21	J	0.11	0.37	UG/M3	0.21	J
EPD-WA-06-052623	TO-15 SIM	95-47-6	O-XYLENE	0.24		0.021	0.12	UG/M3	0.24	
EPD-WA-06-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.043	J	0.027	0.19	UG/M3	0.043	J
EPD-WA-06-052623	TO-15 SIM	108-88-3	TOLUENE	1.3		0.019	0.26	UG/M3	1.3	
EPD-WA-06-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.0084	0.56	UG/M3	0.56	U
EPD-WA-06-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.028	J	0.024	0.15	UG/M3	0.028	J
EPD-WA-06-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.2		0.01	0.036	UG/M3	0.20	
EPD-WA-22-052623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-WA-22-052623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.17	0.72	UG/M3	0.72	U
EPD-WA-22-052623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.14	0.88	UG/M3	0.88	U
EPD-WA-22-052623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-22-052623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-WA-22-052623	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-WA-22-052623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.087	0.88	UG/M3	0.88	U
EPD-WA-22-052623	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.076	0.53	UG/M3	0.53	U
EPD-WA-22-052623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.4	J	0.22	3.4	UG/M3	0.40	J
EPD-WA-22-052623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.48	J	0.37	2.2	UG/M3	0.48	J
EPD-WA-22-052623	TO-15	591-78-6	2-HEXANONE	3	U	0.57	3	UG/M3	3.0	U
EPD-WA-22-052623	TO-15	67-63-0	2-PROPANOL	7.2	U	0.17	7.2	UG/M3	7.2	U
EPD-WA-22-052623	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-22-052623	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-WA-22-052623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.18	0.6	UG/M3	0.60	U
EPD-WA-22-052623	TO-15	67-64-1	ACETONE	5.8	J	0.52	6.9	UG/M3	6.9	U
EPD-WA-22-052623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.22	0.76	UG/M3	0.76	U
EPD-WA-22-052623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.12	0.98	UG/M3	0.98	U
EPD-WA-22-052623	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-22-052623	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-WA-22-052623	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-22-052623	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.077	0.67	UG/M3	0.67	U
EPD-WA-22-052623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-22-052623	TO-15	98-82-8	CUMENE	0.72	U	0.066	0.72	UG/M3	0.72	U
EPD-WA-22-052623	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-WA-22-052623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-22-052623	TO-15	64-17-5	ETHANOL	1.5	J	0.7	17	UG/M3	1.5	J
EPD-WA-22-052623	TO-15	75-69-4	FREON 11	1.5		0.12	0.82	UG/M3	1.5	
EPD-WA-22-052623	TO-15	76-13-1	FREON 113	0.58	J	0.11	1.1	UG/M3	0.58	J
EPD-WA-22-052623	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-22-052623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.51	7.8	UG/M3	7.8	U
EPD-WA-22-052623	TO-15	110-54-3	HEXANE	2.6	U	0.23	2.6	UG/M3	2.6	U
EPD-WA-22-052623	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.32	1	UG/M3	0.45	J
EPD-WA-22-052623	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.16	0.72	UG/M3	0.72	U
EPD-WA-22-052623	TO-15	100-42-5	STYRENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-WA-22-052623	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.36	2.2	UG/M3	2.2	U
EPD-WA-22-052623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-WA-22-052623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-22-052623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-22-052623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-22-052623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.085	0.2	UG/M3	0.20	U
EPD-WA-22-052623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.055	0.16	UG/M3	0.16	U
EPD-WA-22-052623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-22-052623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.022	0.058	UG/M3	0.058	U
EPD-WA-22-052623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.079	0.22	UG/M3	0.22	U
EPD-WA-22-052623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.071	J	0.03	0.12	UG/M3	0.071	J
EPD-WA-22-052623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.062	0.18	UG/M3	0.18	U
EPD-WA-22-052623	TO-15 SIM	71-43-2	BENZENE	0.34		0.026	0.23	UG/M3	0.34	
EPD-WA-22-052623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.58		0.039	0.18	UG/M3	0.58	
EPD-WA-22-052623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-22-052623	TO-15 SIM	67-66-3	CHLOROFORM	0.082	J	0.021	0.14	UG/M3	0.082	J
EPD-WA-22-052623	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1	J	0.3	1.5	UG/M3	1.1	J
EPD-WA-22-052623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-22-052623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.071	J	0.012	0.13	UG/M3	0.071	J
EPD-WA-22-052623	TO-15 SIM	76-14-2	FREON 114	0.14	J	0.016	0.2	UG/M3	0.14	J
EPD-WA-22-052623	TO-15 SIM	75-71-8	FREON 12	2.9		0.026	0.36	UG/M3	2.9	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305624

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-052623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.22	J	0.0077	0.25	UG/M3	0.22	J
EPD-WA-22-052623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-22-052623	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-WA-22-052623	TO-15 SIM	95-47-6	O-XYLENE	0.092	J	0.011	0.13	UG/M3	0.092	J
EPD-WA-22-052623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-22-052623	TO-15 SIM	108-88-3	TOLUENE	0.5		0.014	0.28	UG/M3	0.50	
EPD-WA-22-052623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	U	0.013	0.58	UG/M3	0.58	U
EPD-WA-22-052623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-22-052623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.38		0.011	0.037	UG/M3	0.38	

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1900d		
Laboratory Report No.	2305708	Laboratory	Eurofins Air Toxics, LLC, Folsom CA
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in both scan and selective ion monitoring (SIM) modes		
Samples and Matrix	Eight air samples, including one field duplicate		
Collection Date(s)	05/29/2023		
Field Duplicate Pairs	EPD-WA-05-052923/EPD-WA-55-052923		
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, EPA Region 5, 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 the findings of this validation effort

Data completeness:

Within Criteria	Exceedance/Notes
Y	The Laboratory notes, "The Chain of Custody (COC) information for samples EPD-WA-05-052923 and EPD-WA-55-052923 did not match the entries on the sample tags with regard to sample identification. Therefore, the information on the COC was used to process and report the samples." The laboratory reported and then cancelled sample EPD-WA-02-052923 per client request because of malfunctioning sampling equipment.

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	The residual canister receipt vacuum values in the laboratory report are positive and should not be. The laboratory was contacted and confirmed that all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied. Due to an equipment malfunction, the can for EPD-WA-02-052923 was not viable and the analysis was cancelled.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15: Methylene chloride was detected in the method blank at a concentration between the method detection limit (MDL) and reporting limit (RL). Methylene chloride was detected in EPD-WA-55-052923 at a concentration between the MDL and RL, therefore, the result for methylene chloride in that sample was qualified as not detected (flagged U) at the RL. 1,2,4-Trichlorobenzene, alpha-chlorotoluene, and hexachlorobutadiene were detected in the method blank at concentrations between the MDLs and RLs. These analytes were not detected in any field samples, so no qualification of data was necessary. TO-15 SIM: 1,1,2,2-Tetrachloroethane was detected in the method blank at a concentration between the MDL and RL. This analyte was not detected in any field samples, so no qualification of data was necessary. Naphthalene was detected in the method blank at a concentration between the MDL and RL. Naphthalene was detected in the following samples at concentrations between the MDL and RL: EPD-DW-G-052923, EPD-UW-C-052923, EPD-WA-01-052923, EPD-WA-03-052923, EPD-WA-04-052923, and EPD-WA-06-052923; results for these samples were reported as non-detect (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	

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 factor for: • EPD-DW-G-052923 was 1.51 • EPD-UW-C-052923 was 1.57 • EPD-WA-01-052923 was 1.52 • EPD-WA-03-052923 was 1.41 • EPD-WA-04-052923 was 1.48 • EPD-WA-05-052923 was 1.53 • EPD-WA-06-052923 was 1.44 • EPD-WA-55-052923 was 1.48

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in five samples. The known TICs were qualified as tentatively identified (flagged NJ). The unknown TICs were qualified as estimated (flagged J). 2-Ethyl-1-hexanol and butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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.
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.
NF	The tentatively identified compound was manually searched for but not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305708

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	0.33	5.6	UG/M3	5.6	U
EPD-DW-G-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.15	J	0.096	0.74	UG/M3	0.15	J
EPD-DW-G-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.13	0.91	UG/M3	0.91	U
EPD-DW-G-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.1	0.7	UG/M3	0.70	U
EPD-DW-G-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-DW-G-052923	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.076	0.33	UG/M3	0.33	U
EPD-DW-G-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.17	0.91	UG/M3	0.91	U
EPD-DW-G-052923	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.16	0.54	UG/M3	0.54	U
EPD-DW-G-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.22	J	0.16	3.5	UG/M3	0.22	J
EPD-DW-G-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1	J	0.24	2.2	UG/M3	1.1	J
EPD-DW-G-052923	TO-15	591-78-6	2-HEXANONE	3.1	U	0.45	3.1	UG/M3	3.1	U
EPD-DW-G-052923	TO-15	67-63-0	2-PROPANOL	0.59	J	0.21	7.4	UG/M3	0.59	J
EPD-DW-G-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.26	2.4	UG/M3	2.4	U
EPD-DW-G-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.15	J	0.14	0.74	UG/M3	0.15	J
EPD-DW-G-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.13	J	0.097	0.62	UG/M3	0.13	J
EPD-DW-G-052923	TO-15	67-64-1	ACETONE	8.9		0.73	7.2	UG/M3	8.9	
EPD-DW-G-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.12	0.78	UG/M3	0.78	U
EPD-DW-G-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.1	1	UG/M3	1.0	U
EPD-DW-G-052923	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-DW-G-052923	TO-15	74-83-9	BROMOMETHANE	29	U	0.87	29	UG/M3	29	U
EPD-DW-G-052923	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.35	2.4	UG/M3	2.4	U
EPD-DW-G-052923	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.07	0.7	UG/M3	0.70	U
EPD-DW-G-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.1	0.68	UG/M3	0.68	U
EPD-DW-G-052923	TO-15	98-82-8	CUMENE	0.74	U	0.16	0.74	UG/M3	0.74	U
EPD-DW-G-052923	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.12	2.6	UG/M3	2.6	U
EPD-DW-G-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-DW-G-052923	TO-15	64-17-5	ETHANOL	4	J	0.5	5.7	UG/M3	4.0	J
EPD-DW-G-052923	TO-15	75-69-4	FREON 11	0.99		0.095	0.85	UG/M3	0.99	
EPD-DW-G-052923	TO-15	76-13-1	FREON 113	0.43	J	0.17	1.2	UG/M3	0.43	J
EPD-DW-G-052923	TO-15	142-82-5	HEPTANE	0.16	J	0.074	3.1	UG/M3	0.16	J
EPD-DW-G-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.092	8	UG/M3	8.0	U
EPD-DW-G-052923	TO-15	110-54-3	HEXANE	0.3	J	0.08	2.7	UG/M3	0.30	J
EPD-DW-G-052923	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.61	1	UG/M3	1.0	U
EPD-DW-G-052923	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-DW-G-052923	TO-15	100-42-5	STYRENE	0.64	U	0.15	0.64	UG/M3	0.64	U
EPD-DW-G-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.72	2.2	UG/M3	2.2	U
EPD-DW-G-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.094	0.68	UG/M3	0.68	U
EPD-DW-G-052923	TO-15	872-05-9	1-DECENE	0.86	NJ			PPBV	0.86	NJ
EPD-DW-G-052923	TO-15	693-54-9	2-DECANONE	0.87	NJ			PPBV	0.87	NJ
EPD-DW-G-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-DW-G-052923	TO-15	78-78-4	BUTANE, 2-METHYL-	0.81	NJ			PPBV	0.81	NJ
EPD-DW-G-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-DW-G-052923	TO-15	111-71-7	HEPTANAL	0.8	NJ			PPBV	0.80	NJ
EPD-DW-G-052923	TO-15	66-25-1	HEXANAL	0.76	NJ			PPBV	0.76	NJ
EPD-DW-G-052923	TO-15	124-19-6	NONANAL	5.3	NJ			PPBV	5.3	NJ
EPD-DW-G-052923	TO-15	124-13-0	OCTANAL	1.1	NJ			PPBV	1.1	NJ
EPD-DW-G-052923	TO-15	NA	UNKNOWN TIC	1.1	J			PPBV	1.1	J
EPD-DW-G-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.015	0.16	UG/M3	0.16	U
EPD-DW-G-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.021	0.21	UG/M3	0.21	U
EPD-DW-G-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.024	0.16	UG/M3	0.16	U
EPD-DW-G-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-DW-G-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.016	0.06	UG/M3	0.060	U
EPD-DW-G-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.16	0.23	UG/M3	0.23	U
EPD-DW-G-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.067	J	0.035	0.12	UG/M3	0.067	J
EPD-DW-G-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-DW-G-052923	TO-15 SIM	71-43-2	BENZENE	0.57		0.03	0.24	UG/M3	0.57	
EPD-DW-G-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.052	0.19	UG/M3	0.42	
EPD-DW-G-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.0085	0.2	UG/M3	0.20	U
EPD-DW-G-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.095	J	0.014	0.15	UG/M3	0.095	J
EPD-DW-G-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66	J	0.23	1.6	UG/M3	0.66	J
EPD-DW-G-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.032	0.12	UG/M3	0.12	U
EPD-DW-G-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.02	0.13	UG/M3	0.11	J
EPD-DW-G-052923	TO-15 SIM	76-14-2	FREON 114	0.098	J	0.011	0.21	UG/M3	0.098	J
EPD-DW-G-052923	TO-15 SIM	75-71-8	FREON 12	2		0.029	0.37	UG/M3	2.0	
EPD-DW-G-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.35		0.034	0.26	UG/M3	0.35	
EPD-DW-G-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.02	0.54	UG/M3	0.54	U
EPD-DW-G-052923	TO-15 SIM	91-20-3	NAPHTHALENE	0.18	J	0.05	0.4	UG/M3	0.4	U
EPD-DW-G-052923	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.025	0.13	UG/M3	0.13	
EPD-DW-G-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.057	J	0.015	0.2	UG/M3	0.057	J
EPD-DW-G-052923	TO-15 SIM	108-88-3	TOLUENE	0.97		0.017	0.28	UG/M3	0.97	
EPD-DW-G-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6	U	0.027	0.6	UG/M3	0.60	U
EPD-DW-G-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.03	0.16	UG/M3	0.16	U
EPD-DW-G-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.063		0.015	0.038	UG/M3	0.063	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS REPORT NO. 2305708

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	0.34	5.8	UG/M3	5.8	U
EPD-UW-C-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.77	U	0.1	0.77	UG/M3	0.77	U
EPD-UW-C-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94	U	0.13	0.94	UG/M3	0.94	U
EPD-UW-C-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.1	0.72	UG/M3	0.72	U
EPD-UW-C-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77	U	0.13	0.77	UG/M3	0.77	U
EPD-UW-C-052923	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	0.079	0.35	UG/M3	0.35	U
EPD-UW-C-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94	U	0.18	0.94	UG/M3	0.94	U
EPD-UW-C-052923	TO-15	123-91-1	1,4-DIOXANE	0.56	U	0.16	0.56	UG/M3	0.56	U
EPD-UW-C-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.7	U	0.17	3.7	UG/M3	3.7	U
EPD-UW-C-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.62	J	0.25	2.3	UG/M3	0.62	J
EPD-UW-C-052923	TO-15	591-78-6	2-HEXANONE	3.2	U	0.47	3.2	UG/M3	3.2	U
EPD-UW-C-052923	TO-15	67-63-0	2-PROPANOL	7.7	U	0.22	7.7	UG/M3	7.7	U
EPD-UW-C-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.27	2.4	UG/M3	2.4	U
EPD-UW-C-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.77	U	0.14	0.77	UG/M3	0.77	U
EPD-UW-C-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-UW-C-052923	TO-15	67-64-1	ACETONE	6.3	J	0.76	7.4	UG/M3	6.3	J
EPD-UW-C-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81	U	0.12	0.81	UG/M3	0.81	U
EPD-UW-C-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.1	1	UG/M3	1.0	U
EPD-UW-C-052923	TO-15	75-25-2	BROMOFORM	1.6	U	0.16	1.6	UG/M3	1.6	U
EPD-UW-C-052923	TO-15	74-83-9	BROMOMETHANE	30	U	0.9	30	UG/M3	30	U
EPD-UW-C-052923	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.37	2.4	UG/M3	2.4	U
EPD-UW-C-052923	TO-15	108-90-7	CHLOROBENZENE	0.72	U	0.073	0.72	UG/M3	0.72	U
EPD-UW-C-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71	U	0.1	0.71	UG/M3	0.71	U
EPD-UW-C-052923	TO-15	98-82-8	CUMENE	0.77	U	0.17	0.77	UG/M3	0.77	U
EPD-UW-C-052923	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.12	2.7	UG/M3	2.7	U
EPD-UW-C-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3	1.3	U
EPD-UW-C-052923	TO-15	64-17-5	ETHANOL	2.3	J	0.52	5.9	UG/M3	2.3	J
EPD-UW-C-052923	TO-15	75-69-4	FREON 11	1		0.099	0.88	UG/M3	1.0	
EPD-UW-C-052923	TO-15	76-13-1	FREON 113	0.47	J	0.18	1.2	UG/M3	0.47	J
EPD-UW-C-052923	TO-15	142-82-5	HEPTANE	0.11	J	0.077	3.2	UG/M3	0.11	J
EPD-UW-C-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	0.096	8.4	UG/M3	8.4	U
EPD-UW-C-052923	TO-15	110-54-3	HEXANE	0.19	J	0.083	2.8	UG/M3	0.19	J
EPD-UW-C-052923	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	0.63	1.1	UG/M3	1.1	U
EPD-UW-C-052923	TO-15	103-65-1	PROPYLBENZENE	0.77	U	0.13	0.77	UG/M3	0.77	U
EPD-UW-C-052923	TO-15	100-42-5	STYRENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-UW-C-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.74	2.3	UG/M3	2.3	U
EPD-UW-C-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71	U	0.098	0.71	UG/M3	0.71	U
EPD-UW-C-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-UW-C-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-UW-C-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.015	0.17	UG/M3	0.17	U
EPD-UW-C-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.022	0.22	UG/M3	0.22	U
EPD-UW-C-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.025	0.17	UG/M3	0.17	U
EPD-UW-C-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.011	0.13	UG/M3	0.13	U
EPD-UW-C-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.016	0.062	UG/M3	0.062	U
EPD-UW-C-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.16	0.24	UG/M3	0.24	U
EPD-UW-C-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.066	J	0.037	0.13	UG/M3	0.066	J
EPD-UW-C-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.15	0.19	UG/M3	0.19	U
EPD-UW-C-052923	TO-15 SIM	71-43-2	BENZENE	0.32		0.031	0.25	UG/M3	0.32	
EPD-UW-C-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.054	0.2	UG/M3	0.43	
EPD-UW-C-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.0089	0.21	UG/M3	0.21	U
EPD-UW-C-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.072	J	0.015	0.15	UG/M3	0.072	J
EPD-UW-C-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.7	J	0.24	1.6	UG/M3	0.70	J
EPD-UW-C-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.034	0.12	UG/M3	0.12	U
EPD-UW-C-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.068	J	0.02	0.14	UG/M3	0.068	J
EPD-UW-C-052923	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.012	0.22	UG/M3	0.10	J
EPD-UW-C-052923	TO-15 SIM	75-71-8	FREON 12	2		0.031	0.39	UG/M3	2.0	
EPD-UW-C-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.2	J	0.036	0.27	UG/M3	0.20	J
EPD-UW-C-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	0.02	0.57	UG/M3	0.57	U
EPD-UW-C-052923	TO-15 SIM	91-20-3	NAPHTHALENE	0.09	J	0.052	0.41	UG/M3	0.41	U
EPD-UW-C-052923	TO-15 SIM	95-47-6	O-XYLENE	0.076	J	0.026	0.14	UG/M3	0.076	J
EPD-UW-C-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.044	J	0.015	0.21	UG/M3	0.044	J
EPD-UW-C-052923	TO-15 SIM	108-88-3	TOLUENE	0.9		0.018	0.3	UG/M3	0.90	
EPD-UW-C-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.62	U	0.028	0.62	UG/M3	0.62	U
EPD-UW-C-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.032	0.17	UG/M3	0.17	U
EPD-UW-C-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.03	J	0.016	0.04	UG/M3	0.030	J
EPD-WA-01-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	0.33	5.6	UG/M3	5.6	U
EPD-WA-01-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.1	J	0.097	0.75	UG/M3	0.10	J
EPD-WA-01-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.13	0.91	UG/M3	0.91	U
EPD-WA-01-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.1	0.7	UG/M3	0.70	U
EPD-WA-01-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.12	0.75	UG/M3	0.75	U
EPD-WA-01-052923	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.076	0.34	UG/M3	0.34	U
EPD-WA-01-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.17	0.91	UG/M3	0.91	U
EPD-WA-01-052923	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.16	0.55	UG/M3	0.55	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.16	3.6	UG/M3	3.6	U
EPD-WA-01-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.6	J	0.24	2.2	UG/M3	0.60	J
EPD-WA-01-052923	TO-15	591-78-6	2-HEXANONE	3.1	U	0.45	3.1	UG/M3	3.1	U
EPD-WA-01-052923	TO-15	67-63-0	2-PROPANOL	7.5	U	0.21	7.5	UG/M3	7.5	U
EPD-WA-01-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.26	2.4	UG/M3	2.4	U
EPD-WA-01-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.75	U	0.14	0.75	UG/M3	0.75	U
EPD-WA-01-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62	U	0.098	0.62	UG/M3	0.62	U
EPD-WA-01-052923	TO-15	67-64-1	ACETONE	5.7	J	0.73	7.2	UG/M3	5.7	J
EPD-WA-01-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.12	0.79	UG/M3	0.79	U
EPD-WA-01-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.1	1	UG/M3	1.0	U
EPD-WA-01-052923	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-01-052923	TO-15	74-83-9	BROMOMETHANE	30	U	0.88	30	UG/M3	30	U
EPD-WA-01-052923	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.36	2.4	UG/M3	2.4	U
EPD-WA-01-052923	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.07	0.7	UG/M3	0.70	U
EPD-WA-01-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.1	0.69	UG/M3	0.69	U
EPD-WA-01-052923	TO-15	98-82-8	CUMENE	0.75	U	0.16	0.75	UG/M3	0.75	U
EPD-WA-01-052923	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.12	2.6	UG/M3	2.6	U
EPD-WA-01-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3	1.3	U
EPD-WA-01-052923	TO-15	64-17-5	ETHANOL	2.3	J	0.5	5.7	UG/M3	2.3	J
EPD-WA-01-052923	TO-15	75-69-4	FREON 11	1		0.096	0.85	UG/M3	1.0	
EPD-WA-01-052923	TO-15	76-13-1	FREON 113	0.45	J	0.17	1.2	UG/M3	0.45	J
EPD-WA-01-052923	TO-15	142-82-5	HEPTANE	0.15	J	0.075	3.1	UG/M3	0.15	J
EPD-WA-01-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1	U	0.092	8.1	UG/M3	8.1	U
EPD-WA-01-052923	TO-15	110-54-3	HEXANE	0.26	J	0.08	2.7	UG/M3	0.26	J
EPD-WA-01-052923	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.61	1	UG/M3	1.0	U
EPD-WA-01-052923	TO-15	103-65-1	PROPYLBENZENE	0.75	U	0.12	0.75	UG/M3	0.75	U
EPD-WA-01-052923	TO-15	100-42-5	STYRENE	0.65	U	0.15	0.65	UG/M3	0.65	U
EPD-WA-01-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.72	2.2	UG/M3	2.2	U
EPD-WA-01-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.094	0.69	UG/M3	0.69	U
EPD-WA-01-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-01-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-01-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.015	0.16	UG/M3	0.16	U
EPD-WA-01-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.021	0.21	UG/M3	0.21	U
EPD-WA-01-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.024	0.16	UG/M3	0.16	U
EPD-WA-01-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-01-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.016	0.06	UG/M3	0.060	U
EPD-WA-01-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.16	0.23	UG/M3	0.23	U
EPD-WA-01-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.063	J	0.036	0.12	UG/M3	0.063	J
EPD-WA-01-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-WA-01-052923	TO-15 SIM	71-43-2	BENZENE	0.42		0.03	0.24	UG/M3	0.42	
EPD-WA-01-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.052	0.19	UG/M3	0.43	
EPD-WA-01-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.0086	0.2	UG/M3	0.20	U
EPD-WA-01-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.014	0.15	UG/M3	0.071	J
EPD-WA-01-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J	0.24	1.6	UG/M3	0.68	J
EPD-WA-01-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.032	0.12	UG/M3	0.12	U
EPD-WA-01-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.075	J	0.02	0.13	UG/M3	0.075	J
EPD-WA-01-052923	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.011	0.21	UG/M3	0.10	J
EPD-WA-01-052923	TO-15 SIM	75-71-8	FREON 12	2		0.03	0.38	UG/M3	2.0	
EPD-WA-01-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23	J	0.034	0.26	UG/M3	0.23	J
EPD-WA-01-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.02	0.55	UG/M3	0.55	U
EPD-WA-01-052923	TO-15 SIM	91-20-3	NAPHTHALENE	0.1	J	0.05	0.4	UG/M3	0.4	U
EPD-WA-01-052923	TO-15 SIM	95-47-6	O-XYLENE	0.088	J	0.025	0.13	UG/M3	0.088	J
EPD-WA-01-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.038	J	0.015	0.21	UG/M3	0.038	J
EPD-WA-01-052923	TO-15 SIM	108-88-3	TOLUENE	0.72		0.017	0.29	UG/M3	0.72	
EPD-WA-01-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6	U	0.028	0.6	UG/M3	0.60	U
EPD-WA-01-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.03	0.16	UG/M3	0.16	U
EPD-WA-01-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.21		0.015	0.039	UG/M3	0.21	
EPD-WA-03-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	0.3	5.2	UG/M3	5.2	U
EPD-WA-03-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.1	J	0.09	0.69	UG/M3	0.10	J
EPD-WA-03-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.12	0.85	UG/M3	0.85	U
EPD-WA-03-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.093	0.65	UG/M3	0.65	U
EPD-WA-03-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.11	0.69	UG/M3	0.69	U
EPD-WA-03-052923	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.071	0.31	UG/M3	0.31	U
EPD-WA-03-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.16	0.85	UG/M3	0.85	U
EPD-WA-03-052923	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3	0.51	U
EPD-WA-03-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.15	J	0.15	3.3	UG/M3	0.15	J
EPD-WA-03-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.67	J	0.22	2.1	UG/M3	0.67	J
EPD-WA-03-052923	TO-15	591-78-6	2-HEXANONE	2.9	U	0.42	2.9	UG/M3	2.9	U
EPD-WA-03-052923	TO-15	67-63-0	2-PROPANOL	6.9	U	0.19	6.9	UG/M3	6.9	U
EPD-WA-03-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-03-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.69	U	0.13	0.69	UG/M3	0.69	U
EPD-WA-03-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.31	J	0.091	0.58	UG/M3	0.31	J
EPD-WA-03-052923	TO-15	67-64-1	ACETONE	6.7		0.68	6.7	UG/M3	6.7	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73	U	0.11	0.73	UG/M3	0.73	U
EPD-WA-03-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.093	0.94	UG/M3	0.94	U
EPD-WA-03-052923	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-03-052923	TO-15	74-83-9	BROMOMETHANE	27	U	0.81	27	UG/M3	27	U
EPD-WA-03-052923	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.33	2.2	UG/M3	2.2	U
EPD-WA-03-052923	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.065	0.65	UG/M3	0.65	U
EPD-WA-03-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.093	0.64	UG/M3	0.64	U
EPD-WA-03-052923	TO-15	98-82-8	CUMENE	0.69	U	0.15	0.69	UG/M3	0.69	U
EPD-WA-03-052923	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-03-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.19	1.2	UG/M3	1.2	U
EPD-WA-03-052923	TO-15	64-17-5	ETHANOL	2.8	J	0.46	5.3	UG/M3	2.8	J
EPD-WA-03-052923	TO-15	75-69-4	FREON 11	0.97		0.089	0.79	UG/M3	0.97	
EPD-WA-03-052923	TO-15	76-13-1	FREON 113	0.46	J	0.16	1.1	UG/M3	0.46	J
EPD-WA-03-052923	TO-15	142-82-5	HEPTANE	0.12	J	0.069	2.9	UG/M3	0.12	J
EPD-WA-03-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.086	7.5	UG/M3	7.5	U
EPD-WA-03-052923	TO-15	110-54-3	HEXANE	0.28	J	0.074	2.5	UG/M3	0.28	J
EPD-WA-03-052923	TO-15	75-09-2	METHYLENE CHLORIDE	0.98	U	0.57	0.98	UG/M3	0.98	U
EPD-WA-03-052923	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.12	0.69	UG/M3	0.69	U
EPD-WA-03-052923	TO-15	100-42-5	STYRENE	0.6	U	0.14	0.6	UG/M3	0.60	U
EPD-WA-03-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.67	2.1	UG/M3	2.1	U
EPD-WA-03-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.088	0.64	UG/M3	0.64	U
EPD-WA-03-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-03-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-03-052923	TO-15	NA	UNKNOWN TIC	0.85	J			PPBV	0.85	J
EPD-WA-03-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.014	0.15	UG/M3	0.15	U
EPD-WA-03-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.02	0.19	UG/M3	0.19	U
EPD-WA-03-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.022	0.15	UG/M3	0.15	U
EPD-WA-03-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-03-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.015	0.056	UG/M3	0.056	U
EPD-WA-03-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.15	0.22	UG/M3	0.22	U
EPD-WA-03-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.065	J	0.033	0.11	UG/M3	0.065	J
EPD-WA-03-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.13	0.17	UG/M3	0.17	U
EPD-WA-03-052923	TO-15 SIM	71-43-2	BENZENE	0.45		0.028	0.22	UG/M3	0.45	
EPD-WA-03-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.048	0.18	UG/M3	0.42	
EPD-WA-03-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.008	0.19	UG/M3	0.19	U
EPD-WA-03-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.013	0.14	UG/M3	0.080	J
EPD-WA-03-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.69	J	0.22	1.4	UG/M3	0.69	J
EPD-WA-03-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.03	0.11	UG/M3	0.11	U
EPD-WA-03-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.076	J	0.018	0.12	UG/M3	0.076	J
EPD-WA-03-052923	TO-15 SIM	76-14-2	FREON 114	0.094	J	0.011	0.2	UG/M3	0.094	J
EPD-WA-03-052923	TO-15 SIM	75-71-8	FREON 12	2		0.028	0.35	UG/M3	2.0	
EPD-WA-03-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23	J	0.032	0.24	UG/M3	0.23	J
EPD-WA-03-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.018	0.51	UG/M3	0.51	U
EPD-WA-03-052923	TO-15 SIM	91-20-3	NAPHTHALENE	0.19	J	0.046	0.37	UG/M3	0.37	U
EPD-WA-03-052923	TO-15 SIM	95-47-6	O-XYLENE	0.085	J	0.023	0.12	UG/M3	0.085	J
EPD-WA-03-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.035	J	0.014	0.19	UG/M3	0.035	J
EPD-WA-03-052923	TO-15 SIM	108-88-3	TOLUENE	0.72		0.016	0.26	UG/M3	0.72	
EPD-WA-03-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.026	0.56	UG/M3	0.56	U
EPD-WA-03-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.028	0.15	UG/M3	0.15	U
EPD-WA-03-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.14		0.014	0.036	UG/M3	0.14	
EPD-WA-04-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	0.32	5.5	UG/M3	5.5	U
EPD-WA-04-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73	U	0.094	0.73	UG/M3	0.73	U
EPD-WA-04-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.12	0.89	UG/M3	0.89	U
EPD-WA-04-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.098	0.68	UG/M3	0.68	U
EPD-WA-04-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-04-052923	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.074	0.33	UG/M3	0.33	U
EPD-WA-04-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.17	0.89	UG/M3	0.89	U
EPD-WA-04-052923	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.16	0.53	UG/M3	0.53	U
EPD-WA-04-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.16	3.4	UG/M3	3.4	U
EPD-WA-04-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.58	J	0.23	2.2	UG/M3	0.58	J
EPD-WA-04-052923	TO-15	591-78-6	2-HEXANONE	3	U	0.44	3	UG/M3	3.0	U
EPD-WA-04-052923	TO-15	67-63-0	2-PROPANOL	7.3	U	0.2	7.3	UG/M3	7.3	U
EPD-WA-04-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.26	2.3	UG/M3	2.3	U
EPD-WA-04-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.73	U	0.13	0.73	UG/M3	0.73	U
EPD-WA-04-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.095	0.61	UG/M3	0.61	U
EPD-WA-04-052923	TO-15	67-64-1	ACETONE	6.1	J	0.71	7	UG/M3	6.1	J
EPD-WA-04-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.11	0.77	UG/M3	0.77	U
EPD-WA-04-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.098	0.99	UG/M3	0.99	U
EPD-WA-04-052923	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-04-052923	TO-15	74-83-9	BROMOMETHANE	29	U	0.85	29	UG/M3	29	U
EPD-WA-04-052923	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.35	2.3	UG/M3	2.3	U
EPD-WA-04-052923	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.069	0.68	UG/M3	0.68	U
EPD-WA-04-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.098	0.67	UG/M3	0.67	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-052923	TO-15	98-82-8	CUMENE	0.73	U	0.16	0.73	UG/M3	0.73	U
EPD-WA-04-052923	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.11	2.5	UG/M3	2.5	U
EPD-WA-04-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-04-052923	TO-15	64-17-5	ETHANOL	2.2	J	0.49	5.6	UG/M3	2.2	J
EPD-WA-04-052923	TO-15	75-69-4	FREON 11	1		0.093	0.83	UG/M3	1.0	
EPD-WA-04-052923	TO-15	76-13-1	FREON 113	0.44	J	0.17	1.1	UG/M3	0.44	J
EPD-WA-04-052923	TO-15	142-82-5	HEPTANE	0.079	J	0.073	3	UG/M3	0.079	J
EPD-WA-04-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.09	7.9	UG/M3	7.9	U
EPD-WA-04-052923	TO-15	110-54-3	HEXANE	0.2	J	0.078	2.6	UG/M3	0.20	J
EPD-WA-04-052923	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.6	1	UG/M3	1.0	U
EPD-WA-04-052923	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-04-052923	TO-15	100-42-5	STYRENE	0.63	U	0.15	0.63	UG/M3	0.63	U
EPD-WA-04-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.7	2.2	UG/M3	2.2	U
EPD-WA-04-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.092	0.67	UG/M3	0.67	U
EPD-WA-04-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-04-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-04-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.014	0.16	UG/M3	0.16	U
EPD-WA-04-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-04-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.023	0.16	UG/M3	0.16	U
EPD-WA-04-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.01	0.12	UG/M3	0.12	U
EPD-WA-04-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.016	0.059	UG/M3	0.059	U
EPD-WA-04-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.15	0.23	UG/M3	0.23	U
EPD-WA-04-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.067	J	0.035	0.12	UG/M3	0.067	J
EPD-WA-04-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-WA-04-052923	TO-15 SIM	71-43-2	BENZENE	0.34		0.029	0.24	UG/M3	0.34	
EPD-WA-04-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.051	0.19	UG/M3	0.43	
EPD-WA-04-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.0084	0.2	UG/M3	0.20	U
EPD-WA-04-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.073	J	0.014	0.14	UG/M3	0.073	J
EPD-WA-04-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.69	J	0.23	1.5	UG/M3	0.69	J
EPD-WA-04-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.032	0.12	UG/M3	0.12	U
EPD-WA-04-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.056	J	0.019	0.13	UG/M3	0.056	J
EPD-WA-04-052923	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.011	0.21	UG/M3	0.10	J
EPD-WA-04-052923	TO-15 SIM	75-71-8	FREON 12	2		0.029	0.36	UG/M3	2.0	
EPD-WA-04-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.15	J	0.033	0.26	UG/M3	0.15	J
EPD-WA-04-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.019	0.53	UG/M3	0.53	U
EPD-WA-04-052923	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.048	0.39	UG/M3	0.39	U
EPD-WA-04-052923	TO-15 SIM	95-47-6	O-XYLENE	0.06	J	0.024	0.13	UG/M3	0.060	J
EPD-WA-04-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.037	J	0.014	0.2	UG/M3	0.037	J
EPD-WA-04-052923	TO-15 SIM	108-88-3	TOLUENE	0.64		0.017	0.28	UG/M3	0.64	
EPD-WA-04-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.057	J	0.027	0.59	UG/M3	0.057	J
EPD-WA-04-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.03	0.16	UG/M3	0.16	U
EPD-WA-04-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.031	J	0.015	0.038	UG/M3	0.031	J
EPD-WA-05-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	0.33	5.7	UG/M3	5.7	U
EPD-WA-05-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18	J	0.097	0.75	UG/M3	0.18	J
EPD-WA-05-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	0.13	0.92	UG/M3	0.92	U
EPD-WA-05-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	0.1	0.71	UG/M3	0.71	U
EPD-WA-05-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.12	0.75	UG/M3	0.75	U
EPD-WA-05-052923	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.077	0.34	UG/M3	0.34	U
EPD-WA-05-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	0.17	0.92	UG/M3	0.92	U
EPD-WA-05-052923	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.16	0.55	UG/M3	0.55	U
EPD-WA-05-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.34	J	0.16	3.6	UG/M3	0.34	J
EPD-WA-05-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.99	J	0.24	2.2	UG/M3	0.99	J
EPD-WA-05-052923	TO-15	591-78-6	2-HEXANONE	3.1	U	0.46	3.1	UG/M3	3.1	U
EPD-WA-05-052923	TO-15	67-63-0	2-PROPANOL	7.5	U	0.21	7.5	UG/M3	7.5	U
EPD-WA-05-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.26	2.4	UG/M3	2.4	U
EPD-WA-05-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.18	J	0.14	0.75	UG/M3	0.18	J
EPD-WA-05-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.098	0.63	UG/M3	0.63	U
EPD-WA-05-052923	TO-15	67-64-1	ACETONE	8.3		0.74	7.3	UG/M3	8.3	
EPD-WA-05-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.12	0.79	UG/M3	0.79	U
EPD-WA-05-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.1	1	UG/M3	1.0	U
EPD-WA-05-052923	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-05-052923	TO-15	74-83-9	BROMOMETHANE	30	U	0.88	30	UG/M3	30	U
EPD-WA-05-052923	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.36	2.4	UG/M3	2.4	U
EPD-WA-05-052923	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.071	0.7	UG/M3	0.70	U
EPD-WA-05-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.1	0.69	UG/M3	0.69	U
EPD-WA-05-052923	TO-15	98-82-8	CUMENE	0.75	U	0.16	0.75	UG/M3	0.75	U
EPD-WA-05-052923	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.12	2.6	UG/M3	2.6	U
EPD-WA-05-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3	1.3	U
EPD-WA-05-052923	TO-15	64-17-5	ETHANOL	4.5	J	0.5	5.8	UG/M3	4.5	J
EPD-WA-05-052923	TO-15	75-69-4	FREON 11	0.99		0.097	0.86	UG/M3	0.99	
EPD-WA-05-052923	TO-15	76-13-1	FREON 113	0.4	J	0.17	1.2	UG/M3	0.40	J
EPD-WA-05-052923	TO-15	142-82-5	HEPTANE	0.27	J	0.075	3.1	UG/M3	0.27	J
EPD-WA-05-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	0.093	8.2	UG/M3	8.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-052923	TO-15	110-54-3	HEXANE	0.51	J	0.081	2.7	UG/M3	0.51	J
EPD-WA-05-052923	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	0.62	1.1	UG/M3	1.1	U
EPD-WA-05-052923	TO-15	103-65-1	PROPYLBENZENE	0.75	U	0.12	0.75	UG/M3	0.75	U
EPD-WA-05-052923	TO-15	100-42-5	STYRENE	0.65	U	0.15	0.65	UG/M3	0.65	U
EPD-WA-05-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.72	2.2	UG/M3	2.2	U
EPD-WA-05-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.095	0.69	UG/M3	0.69	U
EPD-WA-05-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-05-052923	TO-15	78-78-4	BUTANE, 2-METHYL-	0.99	NJ			PPBV	0.99	NJ
EPD-WA-05-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-05-052923	TO-15	NA	UNKNOWN TIC	1.1	J			PPBV	1.1	J
EPD-WA-05-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.015	0.17	UG/M3	0.17	U
EPD-WA-05-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.021	0.21	UG/M3	0.21	U
EPD-WA-05-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.024	0.17	UG/M3	0.17	U
EPD-WA-05-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-05-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.016	0.061	UG/M3	0.061	U
EPD-WA-05-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.16	0.24	UG/M3	0.24	U
EPD-WA-05-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.066	J	0.036	0.12	UG/M3	0.066	J
EPD-WA-05-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-WA-05-052923	TO-15 SIM	71-43-2	BENZENE	0.65		0.03	0.24	UG/M3	0.65	
EPD-WA-05-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.052	0.19	UG/M3	0.42	
EPD-WA-05-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.0086	0.2	UG/M3	0.20	U
EPD-WA-05-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.11	J	0.014	0.15	UG/M3	0.11	J
EPD-WA-05-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J	0.24	1.6	UG/M3	0.68	J
EPD-WA-05-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.033	0.12	UG/M3	0.12	U
EPD-WA-05-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.02	0.13	UG/M3	0.15	
EPD-WA-05-052923	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.012	0.21	UG/M3	0.096	J
EPD-WA-05-052923	TO-15 SIM	75-71-8	FREON 12	2		0.03	0.38	UG/M3	2.0	
EPD-WA-05-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.52		0.035	0.26	UG/M3	0.52	
EPD-WA-05-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.02	0.55	UG/M3	0.55	U
EPD-WA-05-052923	TO-15 SIM	91-20-3	NAPHTHALENE	1.1		0.05	0.4	UG/M3	1.1	
EPD-WA-05-052923	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.025	0.13	UG/M3	0.19	
EPD-WA-05-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.069	J	0.015	0.21	UG/M3	0.069	J
EPD-WA-05-052923	TO-15 SIM	108-88-3	TOLUENE	1.5		0.017	0.29	UG/M3	1.5	
EPD-WA-05-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.028	0.61	UG/M3	0.61	U
EPD-WA-05-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.032	J	0.031	0.16	UG/M3	0.032	J
EPD-WA-05-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.025	J	0.015	0.039	UG/M3	0.025	J
EPD-WA-06-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	0.31	5.3	UG/M3	5.3	U
EPD-WA-06-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.16	J	0.092	0.71	UG/M3	0.16	J
EPD-WA-06-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.12	0.86	UG/M3	0.86	U
EPD-WA-06-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.095	0.66	UG/M3	0.66	U
EPD-WA-06-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.12	0.71	UG/M3	0.71	U
EPD-WA-06-052923	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.072	0.32	UG/M3	0.32	U
EPD-WA-06-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.16	0.86	UG/M3	0.86	U
EPD-WA-06-052923	TO-15	123-91-1	1,4-DIOXANE	0.23	J	0.15	0.52	UG/M3	0.23	J
EPD-WA-06-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.23	J	0.15	3.4	UG/M3	0.23	J
EPD-WA-06-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.67	J	0.23	2.1	UG/M3	0.67	J
EPD-WA-06-052923	TO-15	591-78-6	2-HEXANONE	2.9	U	0.43	2.9	UG/M3	2.9	U
EPD-WA-06-052923	TO-15	67-63-0	2-PROPANOL	7.1	U	0.2	7.1	UG/M3	7.1	U
EPD-WA-06-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.25	2.2	UG/M3	2.2	U
EPD-WA-06-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.13	0.71	UG/M3	0.16	J
EPD-WA-06-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.093	0.59	UG/M3	0.59	U
EPD-WA-06-052923	TO-15	67-64-1	ACETONE	6.8		0.69	6.8	UG/M3	6.8	
EPD-WA-06-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.11	0.74	UG/M3	0.74	U
EPD-WA-06-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.095	0.96	UG/M3	0.96	U
EPD-WA-06-052923	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-06-052923	TO-15	74-83-9	BROMOMETHANE	28	U	0.83	28	UG/M3	28	U
EPD-WA-06-052923	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.34	2.2	UG/M3	2.2	U
EPD-WA-06-052923	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.067	0.66	UG/M3	0.66	U
EPD-WA-06-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.095	0.65	UG/M3	0.65	U
EPD-WA-06-052923	TO-15	98-82-8	CUMENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-WA-06-052923	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.11	2.5	UG/M3	2.5	U
EPD-WA-06-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3	1.2	U
EPD-WA-06-052923	TO-15	64-17-5	ETHANOL	9.9	J0	0.47	5.4	UG/M3	9.9	J0
EPD-WA-06-052923	TO-15	75-69-4	FREON 11	0.97		0.091	0.81	UG/M3	0.97	
EPD-WA-06-052923	TO-15	76-13-1	FREON 113	0.46	J	0.16	1.1	UG/M3	0.46	J
EPD-WA-06-052923	TO-15	142-82-5	HEPTANE	0.25	J	0.071	3	UG/M3	0.25	J
EPD-WA-06-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.088	7.7	UG/M3	7.7	U
EPD-WA-06-052923	TO-15	110-54-3	HEXANE	0.45	J	0.076	2.5	UG/M3	0.45	J
EPD-WA-06-052923	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.58	1	UG/M3	1.0	U
EPD-WA-06-052923	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.12	0.71	UG/M3	0.71	U
EPD-WA-06-052923	TO-15	100-42-5	STYRENE	0.61	U	0.14	0.61	UG/M3	0.61	U
EPD-WA-06-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.68	2.1	UG/M3	2.1	U
EPD-WA-06-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.089	0.65	UG/M3	0.65	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-06-052923	TO-15	106-97-8	BUTANE	0.76	NJ			PPBV	0.76	NJ
EPD-WA-06-052923	TO-15	78-78-4	BUTANE, 2-METHYL-	1	NJ			PPBV	1.0	NJ
EPD-WA-06-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-06-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.014	0.16	UG/M3	0.16	U
EPD-WA-06-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.02	0.2	UG/M3	0.20	U
EPD-WA-06-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.023	0.16	UG/M3	0.16	U
EPD-WA-06-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.01	0.12	UG/M3	0.12	U
EPD-WA-06-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.015	0.057	UG/M3	0.057	U
EPD-WA-06-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.15	0.22	UG/M3	0.22	U
EPD-WA-06-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.062	J	0.034	0.12	UG/M3	0.062	J
EPD-WA-06-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.14	0.17	UG/M3	0.17	U
EPD-WA-06-052923	TO-15 SIM	71-43-2	BENZENE	0.65		0.028	0.23	UG/M3	0.65	
EPD-WA-06-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.049	0.18	UG/M3	0.42	
EPD-WA-06-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.0081	0.19	UG/M3	0.19	U
EPD-WA-06-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.014	0.14	UG/M3	0.078	J
EPD-WA-06-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66	J	0.22	1.5	UG/M3	0.66	J
EPD-WA-06-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.031	0.11	UG/M3	0.11	U
EPD-WA-06-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12	J	0.019	0.12	UG/M3	0.12	J
EPD-WA-06-052923	TO-15 SIM	76-14-2	FREON 114	0.094	J	0.011	0.2	UG/M3	0.094	J
EPD-WA-06-052923	TO-15 SIM	75-71-8	FREON 12	2		0.028	0.36	UG/M3	2.0	
EPD-WA-06-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.39		0.032	0.25	UG/M3	0.39	
EPD-WA-06-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.019	0.52	UG/M3	0.52	U
EPD-WA-06-052923	TO-15 SIM	91-20-3	NAPHTHALENE	0.3	J	0.047	0.38	UG/M3	0.38	U
EPD-WA-06-052923	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.024	0.12	UG/M3	0.14	
EPD-WA-06-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.042	J	0.014	0.2	UG/M3	0.042	J
EPD-WA-06-052923	TO-15 SIM	108-88-3	TOLUENE	1		0.016	0.27	UG/M3	1.0	
EPD-WA-06-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.026	0.57	UG/M3	0.57	U
EPD-WA-06-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-WA-06-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.24		0.014	0.037	UG/M3	0.24	
EPD-WA-55-052923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	0.32	5.5	UG/M3	5.5	U
EPD-WA-55-052923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18	J	0.094	0.73	UG/M3	0.18	J
EPD-WA-55-052923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.12	0.89	UG/M3	0.89	U
EPD-WA-55-052923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.098	0.68	UG/M3	0.68	U
EPD-WA-55-052923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-55-052923	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.074	0.33	UG/M3	0.33	U
EPD-WA-55-052923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.17	0.89	UG/M3	0.89	U
EPD-WA-55-052923	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.16	0.53	UG/M3	0.53	U
EPD-WA-55-052923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.34	J	0.16	3.4	UG/M3	0.34	J
EPD-WA-55-052923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.82	J	0.23	2.2	UG/M3	0.82	J
EPD-WA-55-052923	TO-15	591-78-6	2-HEXANONE	3	U	0.44	3	UG/M3	3.0	U
EPD-WA-55-052923	TO-15	67-63-0	2-PROPANOL	7.3	U	0.2	7.3	UG/M3	7.3	U
EPD-WA-55-052923	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.26	2.3	UG/M3	2.3	U
EPD-WA-55-052923	TO-15	622-96-8	4-ETHYLTOLUENE	0.18	J	0.13	0.73	UG/M3	0.18	J
EPD-WA-55-052923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.095	0.61	UG/M3	0.61	U
EPD-WA-55-052923	TO-15	67-64-1	ACETONE	9.1		0.71	7	UG/M3	9.1	
EPD-WA-55-052923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.11	0.77	UG/M3	0.77	U
EPD-WA-55-052923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.098	0.99	UG/M3	0.99	U
EPD-WA-55-052923	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-55-052923	TO-15	74-83-9	BROMOMETHANE	29	U	0.85	29	UG/M3	29	U
EPD-WA-55-052923	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.35	2.3	UG/M3	2.3	U
EPD-WA-55-052923	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.069	0.68	UG/M3	0.68	U
EPD-WA-55-052923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.098	0.67	UG/M3	0.67	U
EPD-WA-55-052923	TO-15	98-82-8	CUMENE	0.73	U	0.16	0.73	UG/M3	0.73	U
EPD-WA-55-052923	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.11	2.5	UG/M3	2.5	U
EPD-WA-55-052923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-55-052923	TO-15	64-17-5	ETHANOL	4.4	J	0.49	5.6	UG/M3	4.4	J
EPD-WA-55-052923	TO-15	75-69-4	FREON 11	0.99		0.093	0.83	UG/M3	0.99	
EPD-WA-55-052923	TO-15	76-13-1	FREON 113	0.4	J	0.17	1.1	UG/M3	0.40	J
EPD-WA-55-052923	TO-15	142-82-5	HEPTANE	0.25	J	0.073	3	UG/M3	0.25	J
EPD-WA-55-052923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.09	7.9	UG/M3	7.9	U
EPD-WA-55-052923	TO-15	110-54-3	HEXANE	0.5	J	0.078	2.6	UG/M3	0.50	J
EPD-WA-55-052923	TO-15	75-09-2	METHYLENE CHLORIDE	0.6	J	0.6	1	UG/M3	1.0	U
EPD-WA-55-052923	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-55-052923	TO-15	100-42-5	STYRENE	0.63	U	0.15	0.63	UG/M3	0.63	U
EPD-WA-55-052923	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.7	2.2	UG/M3	2.2	U
EPD-WA-55-052923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.092	0.67	UG/M3	0.67	U
EPD-WA-55-052923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0.0	U,NF
EPD-WA-55-052923	TO-15	106-97-8	BUTANE	0.76	NJ			PPBV	0.76	NJ
EPD-WA-55-052923	TO-15	78-78-4	BUTANE, 2-METHYL-	0.91	NJ			PPBV	0.91	NJ
EPD-WA-55-052923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER	0	U			PPBV	0.0	U,NF
EPD-WA-55-052923	TO-15	NA	UNKNOWN TIC	0.77	J			PPBV	0.77	J
EPD-WA-55-052923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.014	0.16	UG/M3	0.16	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-052923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-55-052923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.023	0.16	UG/M3	0.16	U
EPD-WA-55-052923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.01	0.12	UG/M3	0.12	U
EPD-WA-55-052923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.016	0.059	UG/M3	0.059	U
EPD-WA-55-052923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.15	0.23	UG/M3	0.23	U
EPD-WA-55-052923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.067	J	0.035	0.12	UG/M3	0.067	J
EPD-WA-55-052923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-WA-55-052923	TO-15 SIM	71-43-2	BENZENE	0.62		0.029	0.24	UG/M3	0.62	
EPD-WA-55-052923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.051	0.19	UG/M3	0.41	
EPD-WA-55-052923	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.0084	0.2	UG/M3	0.20	U
EPD-WA-55-052923	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.014	0.14	UG/M3	0.10	J
EPD-WA-55-052923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66	J	0.23	1.5	UG/M3	0.66	J
EPD-WA-55-052923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.032	0.12	UG/M3	0.12	U
EPD-WA-55-052923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.019	0.13	UG/M3	0.15	
EPD-WA-55-052923	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.011	0.21	UG/M3	0.096	J
EPD-WA-55-052923	TO-15 SIM	75-71-8	FREON 12	2		0.029	0.36	UG/M3	2.0	
EPD-WA-55-052923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.5		0.033	0.26	UG/M3	0.50	
EPD-WA-55-052923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.019	0.53	UG/M3	0.53	U
EPD-WA-55-052923	TO-15 SIM	91-20-3	NAPHTHALENE	1.1		0.048	0.39	UG/M3	1.1	
EPD-WA-55-052923	TO-15 SIM	95-47-6	O-XYLENE	0.18		0.024	0.13	UG/M3	0.18	
EPD-WA-55-052923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.067	J	0.014	0.2	UG/M3	0.067	J
EPD-WA-55-052923	TO-15 SIM	108-88-3	TOLUENE	1.4		0.017	0.28	UG/M3	1.4	
EPD-WA-55-052923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.099	J	0.027	0.59	UG/M3	0.099	J
EPD-WA-55-052923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.03	0.16	UG/M3	0.16	U
EPD-WA-55-052923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.022	J	0.015	0.038	UG/M3	0.022	J