



March 15, 2023

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R5_EastPalestine@epa.gov

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. 1695**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting these data validation reports for twenty-five air samples, including one field duplicate sample, collected at the E Palestine site. The samples were collected on March 3 – March 7, 2023 and were analyzed for volatile organic compounds (VOCs) by Eurofins Air Toxics, LLC and ALS Environmental. The final laboratory data package was received on March 11, 2023.

Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 3* (January 2022), and the *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

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

If you have any questions regarding this data validation report, please call me at (509) 688-5957.

Sincerely,

A handwritten signature in blue ink that appears to read "Debbie Kutsal".

Deb Kutsal
Senior Chemist

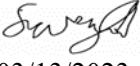
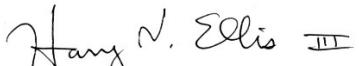
Enclosure

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

ATTACHMENT

**DATA VALIDATION REPORTS
EUROFINS AIR TOXICS, LLC REPORT NOS. 2303078 AND
2303113, AND ALS ENVIRONMENTAL REPORT NOS. P2301023,
AND P2301064**

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

Site Name	E Palestine Site - ER	
Document Tracking No.	1695a	
Data Reviewer (signature and date)	 March 11, 2023	 03/13/2023
Laboratory Report No.	2303078	
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes	
Samples and Matrix	Four air samples	
Collection Date(s)	03/03/2023	
Field Duplicate Pairs	None	
Field QC Blanks	None	
TO/TOLIN No.	68HE0520F0032/0001EB201	
Technical Reviewer (signature and date)	 14 March 2023	
Laboratory	Eurofins Air Toxics, LLC, Folsom CA	

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, 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
N	<p>The laboratory report narrative states that a revised COC form was provided by Tetra Tech on 3/4/2023.</p> <p>Although the COC form requests TO-15 SIM analysis for target analytes, some target analyte results were reported from TO-15 scan.</p>

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The laboratory report narrative states that the work order was reissued on 3/7/2023 with revised sample IDs in accordance with an email request from Tetra Tech.

Method blanks:

Within Criteria	Exceedance/Notes
N	<p>TO-15 Scan: The method blank contained carbon disulfide contamination. This resulted in all carbon disulfide sample results being qualified as nondetect at the reporting limit (RL).</p> <p>TO-15 SIM: The method blank contained 1,1,2,2-tetrachloroethane and ethyl benzene. This resulted in the ethyl benzene result for samples EPD-DW-01-030323 and EPD-WA-03-030323 being qualified as nondetect at the RL. 1,1,2,2-Tetrachloroethane was not found in the project samples, so no further qualifications were required.</p>

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

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

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	LCS and LCSD recoveries were reported and are acceptable; however, no RPDs were provided. No qualifications were applied.

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor was 1.39 for samples EPD-WA-01-030323 and EPD-DW-01-030323, 1.31 for sample EPD-WA-02-030323 and 1.42 for sample EPD-WA-03-030323.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RRLs:

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

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in all project samples. In some cases, the mass spectra were not adequate to identify the TIC, so the laboratory called these “Unknown TIC.” All named TICs were qualified as tentatively identified (flagged NJ) and the unknown TICs were qualified as estimated (flagged J).

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 was not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303078

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-01-030323	TO-15	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-DW-01-030323	TO-15	1,2,4-TRIMETHYLBENZENE	0.68 U		0.16	0.68	UG/M3	0.68 U	
EPD-DW-01-030323	TO-15	1,2-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-DW-01-030323	TO-15	1,2-DICHLOROPROPANE	0.64 U		0.22	0.64	UG/M3	0.64 U	
EPD-DW-01-030323	TO-15	1,3,5-TRIMETHYLBENZENE	0.68 U		0.21	0.68	UG/M3	0.68 U	
EPD-DW-01-030323	TO-15	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-DW-01-030323	TO-15	1,3-DICHLOROBENZENE	0.84 U		0.17	0.84	UG/M3	0.84 U	
EPD-DW-01-030323	TO-15	1,4-DIOXANE	0.5 U		0.27	0.5	UG/M3	0.5 U	
EPD-DW-01-030323	TO-15	2,2,4-TRIMETHYL PENTANE	3.2 U		0.46	3.2	UG/M3	3.2 U	
EPD-DW-01-030323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.64 J		0.46	2	UG/M3	0.64 J	
EPD-DW-01-030323	TO-15	2-HEXANONE	2.8 U		0.58	2.8	UG/M3	2.8 U	
EPD-DW-01-030323	TO-15	2-PROPANOL	0.54 J		0.37	6.8	UG/M3	0.54 J	
EPD-DW-01-030323	TO-15	3-CHLOROPROPENE	2.2 U		0.47	2.2	UG/M3	2.2 U	
EPD-DW-01-030323	TO-15	4-ETHYL TOLUENE	0.68 U		0.16	0.68	UG/M3	0.68 U	
EPD-DW-01-030323	TO-15	4-METHYL-2-PENTANONE	0.57 U		0.12	0.57	UG/M3	0.57 U	
EPD-DW-01-030323	TO-15	ACETONE	5.2 J		0.93	6.6	UG/M3	5.2 J	
EPD-DW-01-030323	TO-15	ALPHA-CHLOROTOLUENE	0.72 U		0.38	0.72	UG/M3	0.72 U	
EPD-DW-01-030323	TO-15	BROMODICHLOROMETHANE	0.93 U		0.2	0.93	UG/M3	0.93 U	
EPD-DW-01-030323	TO-15	BROMOFORM	1.4 U		0.33	1.4	UG/M3	1.4 U	
EPD-DW-01-030323	TO-15	BROMOMETHANE	27 U		2.1	27	UG/M3	27 U	
EPD-DW-01-030323	TO-15	BUTANE	1.4 NJ				UG/M3	1.4 NJ	
EPD-DW-01-030323	TO-15	BUTANE, 2-METHYL-	1.2 NJ				UG/M3	1.2 NJ	
EPD-DW-01-030323	TO-15	CARBON DISULFIDE	0.56 J		0.28	2.2	UG/M3	2.2 U	
EPD-DW-01-030323	TO-15	CHLOROBENZENE	0.64 U		0.18	0.64	UG/M3	2.2 U	
EPD-DW-01-030323	TO-15	CIS-1,3-DICHLOROPROPENE	0.63 U		0.19	0.63	UG/M3	2 U	
EPD-DW-01-030323	TO-15	CUMENE	0.68 U		0.1	0.68	UG/M3	2.2 U	
EPD-DW-01-030323	TO-15	CYCLOHEXANE	2.4 U		0.25	2.4	UG/M3	2.4 U	
EPD-DW-01-030323	TO-15	DIBROMOCHLOROMETHANE	1.2 U		0.24	1.2	UG/M3	1.2 U	
EPD-DW-01-030323	TO-15	ETHANOL	1.6 J		1.4	5.2	UG/M3	1.6 J	
EPD-DW-01-030323	TO-15	FREON 11	1.1		0.12	0.78	UG/M3	1.1	
EPD-DW-01-030323	TO-15	FREON 113	0.44 J		0.13	1.1	UG/M3	0.44 J	
EPD-DW-01-030323	TO-15	HEPTANE	2.8 U		0.58	2.8	UG/M3	2.8 U	
EPD-DW-01-030323	TO-15	HEXA CHLOROBUTADIENE	7.4 U		0.62	7.4	UG/M3	7.4 U	
EPD-DW-01-030323	TO-15	HEXANE	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-DW-01-030323	TO-15	METHYLENE CHLORIDE	0.96 U		0.36	0.96	UG/M3	0.96 U	
EPD-DW-01-030323	TO-15	PROPYLBENZENE	0.68 U		0.25	0.68	UG/M3	0.68 U	
EPD-DW-01-030323	TO-15	STYRENE	0.59 U		0.11	0.59	UG/M3	0.59 U	
EPD-DW-01-030323	TO-15	TETRAHYDROFURAN	2 U		1.3	2	UG/M3	2 U	
EPD-DW-01-030323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-DW-01-030323	TO-15	UNKNOWN TIC	0.93 J				UG/M3	0.93 J	
EPD-DW-01-030323	TO-15	UNKNOWN TIC	1.4 J				UG/M3	1.4 J	
EPD-DW-01-030323	TO-15	UNKNOWN TIC	0.76 J				UG/M3	0.76 J	
EPD-DW-01-030323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-DW-01-030323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.032	0.19	UG/M3	0.19 U	
EPD-DW-01-030323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-DW-01-030323	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.014	0.11	UG/M3	0.11 U	
EPD-DW-01-030323	TO-15 SIM	1,1-DICHLOROETHENE	0.055 U		0.028	0.055	UG/M3	0.055 U	
EPD-DW-01-030323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21 U		0.048	0.21	UG/M3	0.21 U	
EPD-DW-01-030323	TO-15 SIM	1,2-DICHLOROETHANE	0.051 J		0.022	0.11	UG/M3	0.051 J	
EPD-DW-01-030323	TO-15 SIM	1,4-DICHLOROBENZENE	0.17 U		0.091	0.17	UG/M3	0.17 U	
EPD-DW-01-030323	TO-15 SIM	BENZENE	0.6		0.043	0.22	UG/M3	0.6	
EPD-DW-01-030323	TO-15 SIM	CARBON TETRACHLORIDE	0.36		0.032	0.17	UG/M3	0.36	
EPD-DW-01-030323	TO-15 SIM	CHLOROETHANE	0.18 U		0.11	0.18	UG/M3	0.18 U	
EPD-DW-01-030323	TO-15 SIM	CHLOROFORM	0.063 J		0.022	0.14	UG/M3	0.063 J	
EPD-DW-01-030323	TO-15 SIM	CHLOROMETHANE	0.78 J		0.14	1.4	UG/M3	0.78 J	
EPD-DW-01-030323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11 U		0.024	0.11	UG/M3	0.11 U	
EPD-DW-01-030323	TO-15 SIM	ETHYL BENZENE	0.12		0.0086	0.12	UG/M3	0.12 U	
EPD-DW-01-030323	TO-15 SIM	FREON 114	0.093 J		0.028	0.19	UG/M3	0.093 J	
EPD-DW-01-030323	TO-15 SIM	FREON 12	1.8		0.02	0.34	UG/M3	1.8	
EPD-DW-01-030323	TO-15 SIM	M,P-XYLENE	0.34		0.018	0.24	UG/M3	0.34	
EPD-DW-01-030323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.5 U		0.018	0.5	UG/M3	0.5 U	
EPD-DW-01-030323	TO-15 SIM	NAPHTHALENE	0.36 U		0.068	0.36	UG/M3	0.36 U	
EPD-DW-01-030323	TO-15 SIM	O-XYLENE	0.13		0.015	0.12	UG/M3	0.13	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303078

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-01-030323	TO-15 SIM	TETRACHLOROETHENE	0.072 J		0.0073	0.19	UG/M3	0.072 J	
EPD-DW-01-030323	TO-15 SIM	TOLUENE	0.7		0.017	0.26	UG/M3	0.7	
EPD-DW-01-030323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	1.6		0.017	0.55	UG/M3	1.6	
EPD-DW-01-030323	TO-15 SIM	TRICHLOROETHENE	0.024 J		0.013	0.15	UG/M3	0.024 J	
EPD-DW-01-030323	TO-15 SIM	VINYL CHLORIDE	0.11		0.026	0.036	UG/M3	0.11	
EPD-WA-01-030323	TO-15	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-WA-01-030323	TO-15	1,2,4-TRIMETHYLBENZENE	0.68 U		0.16	0.68	UG/M3	0.68 U	
EPD-WA-01-030323	TO-15	1,2-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-WA-01-030323	TO-15	1,2-DICHLOROPROPANE	0.64 U		0.22	0.64	UG/M3	0.64 U	
EPD-WA-01-030323	TO-15	1,3,5-TRIMETHYLBENZENE	0.68 U		0.21	0.68	UG/M3	0.68 U	
EPD-WA-01-030323	TO-15	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-WA-01-030323	TO-15	1,3-DICHLOROBENZENE	0.84 U		0.17	0.84	UG/M3	0.84 U	
EPD-WA-01-030323	TO-15	1,4-DIOXANE	0.5 U		0.27	0.5	UG/M3	0.5 U	
EPD-WA-01-030323	TO-15	2,2,4-TRIMETHYLPENTANE	3.2 U		0.46	3.2	UG/M3	3.2 U	
EPD-WA-01-030323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2 U		0.46	2	UG/M3	2 U	
EPD-WA-01-030323	TO-15	2-HEXANONE	2.8 U		0.58	2.8	UG/M3	2.8 U	
EPD-WA-01-030323	TO-15	2-PROPANOL	6.8 U		0.37	6.8	UG/M3	6.8 U	
EPD-WA-01-030323	TO-15	3-CHLOROPROPENE	2.2 U		0.47	2.2	UG/M3	2.2 U	
EPD-WA-01-030323	TO-15	4-ETHYLtolUENE	0.68 U		0.16	0.68	UG/M3	0.68 U	
EPD-WA-01-030323	TO-15	4-METHYL-2-PENTANONE	0.57 U		0.12	0.57	UG/M3	0.57 U	
EPD-WA-01-030323	TO-15	ACETONE	3.2 J		0.93	6.6	UG/M3	3.2 J	
EPD-WA-01-030323	TO-15	ALPHA-CHLOROTOLUENE	0.72 U		0.38	0.72	UG/M3	0.72 U	
EPD-WA-01-030323	TO-15	BROMODICHLOROMETHANE	0.93 U		0.2	0.93	UG/M3	0.93 U	
EPD-WA-01-030323	TO-15	BROMOFORM	1.4 U		0.33	1.4	UG/M3	1.4 U	
EPD-WA-01-030323	TO-15	BROMOMETHANE	27 U		2.1	27	UG/M3	27 U	
EPD-WA-01-030323	TO-15	BUTANE	1.9 NJ				UG/M3	1.9 NJ	
EPD-WA-01-030323	TO-15	BUTANE, 2-METHYL-	1.4 NJ				UG/M3	1.4 NJ	
EPD-WA-01-030323	TO-15	CARBON DISULFIDE	0.59 J		0.28	2.2	UG/M3	2.2 U	
EPD-WA-01-030323	TO-15	CHLOROBENZENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-01-030323	TO-15	CIS-1,3-DICHLOROPROPENE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-WA-01-030323	TO-15	CUMENE	0.68 U		0.1	0.68	UG/M3	0.68 U	
EPD-WA-01-030323	TO-15	CYCLOHEXANE	2.4 U		0.25	2.4	UG/M3	2.4 U	
EPD-WA-01-030323	TO-15	DIBROMOCHLOROMETHANE	1.2 U		0.24	1.2	UG/M3	1.2 U	
EPD-WA-01-030323	TO-15	ETHANOL	5.2 U		1.4	5.2	UG/M3	5.2 U	
EPD-WA-01-030323	TO-15	FREON 11	1.1		0.12	0.78	UG/M3	1.1	
EPD-WA-01-030323	TO-15	FREON 113	0.4 J		0.13	1.1	UG/M3	0.4 J	
EPD-WA-01-030323	TO-15	HEPTANE	2.8 U		0.58	2.8	UG/M3	2.8 U	
EPD-WA-01-030323	TO-15	HEXACHLOROBUTADIENE	7.4 U		0.62	7.4	UG/M3	7.4 U	
EPD-WA-01-030323	TO-15	HEXANE	0.42 J		0.41	2.4	UG/M3	0.42 J	
EPD-WA-01-030323	TO-15	METHYLENE CHLORIDE	0.96 U		0.36	0.96	UG/M3	0.96 U	
EPD-WA-01-030323	TO-15	PENTANE	0.79 NJ				UG/M3	0.79 NJ	
EPD-WA-01-030323	TO-15	PENTANE, 2-METHYL-	0.71 NJ				UG/M3	0.71 NJ	
EPD-WA-01-030323	TO-15	PROPYLBENZENE	0.68 U		0.25	0.68	UG/M3	0.68 U	
EPD-WA-01-030323	TO-15	STYRENE	0.59 U		0.11	0.59	UG/M3	0.59 U	
EPD-WA-01-030323	TO-15	TETRAHYDROFURAN	2 U		1.3	2	UG/M3	2 U	
EPD-WA-01-030323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-01-030323	TO-15	UNKNOWN TIC	0.77 J				UG/M3	0.77 J	
EPD-WA-01-030323	TO-15	UNKNOWN TIC	1.3 J				UG/M3	1.3 J	
EPD-WA-01-030323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-01-030323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.032	0.19	UG/M3	0.19 U	
EPD-WA-01-030323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-WA-01-030323	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.014	0.11	UG/M3	0.11 U	
EPD-WA-01-030323	TO-15 SIM	1,1-DICHLOROETHENE	0.055 U		0.028	0.055	UG/M3	0.055 U	
EPD-WA-01-030323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21 U		0.048	0.21	UG/M3	0.21 U	
EPD-WA-01-030323	TO-15 SIM	1,2-DICHLOROETHANE	0.054 J		0.022	0.11	UG/M3	0.054 J	
EPD-WA-01-030323	TO-15 SIM	1,4-DICHLOROBENZENE	0.17 U		0.091	0.17	UG/M3	0.17 U	
EPD-WA-01-030323	TO-15 SIM	BENZENE	0.68		0.043	0.22	UG/M3	0.68	
EPD-WA-01-030323	TO-15 SIM	CARBON TETRACHLORIDE	0.35		0.032	0.17	UG/M3	0.35	
EPD-WA-01-030323	TO-15 SIM	CHLOROETHANE	0.18 U		0.11	0.18	UG/M3	0.18 U	
EPD-WA-01-030323	TO-15 SIM	CHLOROFORM	0.063 J		0.022	0.14	UG/M3	0.063 J	
EPD-WA-01-030323	TO-15 SIM	CHLOROMETHANE	0.73 J		0.14	1.4	UG/M3	0.73 J	
EPD-WA-01-030323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11 U		0.024	0.11	UG/M3	0.11 U	
EPD-WA-01-030323	TO-15 SIM	ETHYL BENZENE	0.16		0.0086	0.12	UG/M3	0.16	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303078

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-030323	TO-15 SIM	FREON 114	0.094 J		0.028	0.19	UG/M3	0.094 J	
EPD-WA-01-030323	TO-15 SIM	FREON 12	1.8		0.02	0.34	UG/M3	1.8	
EPD-WA-01-030323	TO-15 SIM	M,P-XYLENE	0.51		0.018	0.24	UG/M3	0.51	
EPD-WA-01-030323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.5 U		0.018	0.5	UG/M3	0.5 U	
EPD-WA-01-030323	TO-15 SIM	NAPHTHALENE	0.079 J		0.068	0.36	UG/M3	0.079 J	
EPD-WA-01-030323	TO-15 SIM	O-XYLENE	0.2		0.015	0.12	UG/M3	0.2	
EPD-WA-01-030323	TO-15 SIM	TETRACHLOROETHENE	0.17 J		0.0073	0.19	UG/M3	0.17 J	
EPD-WA-01-030323	TO-15 SIM	TOLUENE	1		0.017	0.26	UG/M3	1	
EPD-WA-01-030323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.55 U		0.017	0.55	UG/M3	0.55 U	
EPD-WA-01-030323	TO-15 SIM	TRICHLOROETHENE	0.015 J		0.013	0.15	UG/M3	0.015 J	
EPD-WA-01-030323	TO-15 SIM	VINYL CHLORIDE	0.22		0.026	0.036	UG/M3	0.22	
EPD-WA-02-030323	TO-15	1,2,4-TRICHLOROBENZENE	4.9 U		0.64	4.9	UG/M3	4.9 U	
EPD-WA-02-030323	TO-15	1,2,4-TRIMETHYLBENZENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-WA-02-030323	TO-15	1,2-DICHLOROBENZENE	0.79 U		0.17	0.79	UG/M3	0.79 U	
EPD-WA-02-030323	TO-15	1,2-DICHLOROPROPANE	0.6 U		0.21	0.6	UG/M3	0.6 U	
EPD-WA-02-030323	TO-15	1,3,5-TRIMETHYLBENZENE	0.64 U		0.2	0.64	UG/M3	0.64 U	
EPD-WA-02-030323	TO-15	1,3-BUTADIENE	0.29 U		0.12	0.29	UG/M3	0.29 U	
EPD-WA-02-030323	TO-15	1,3-DICHLOROBENZENE	0.79 U		0.16	0.79	UG/M3	0.79 U	
EPD-WA-02-030323	TO-15	1,4-DIOXANE	0.47 U		0.26	0.47	UG/M3	0.47 U	
EPD-WA-02-030323	TO-15	2,2,4-TRIMETHYLPENTANE	3 U		0.43	3	UG/M3	3 U	
EPD-WA-02-030323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.45 J		0.43	1.9	UG/M3	0.45 J	
EPD-WA-02-030323	TO-15	2-HEXANONE	2.7 U		0.54	2.7	UG/M3	2.7 U	
EPD-WA-02-030323	TO-15	2-PROPANOL	6.4 U		0.35	6.4	UG/M3	6.4 U	
EPD-WA-02-030323	TO-15	2-PROPENOIC ACID, BUTYL ESTER	1 NJ				UG/M3	1 NJ	
EPD-WA-02-030323	TO-15	3-CHLOROPROPENE	2 U		0.45	2	UG/M3	2 U	
EPD-WA-02-030323	TO-15	4-ETHYLtoluene	0.64 U		0.15	0.64	UG/M3	0.64 U	
EPD-WA-02-030323	TO-15	4-METHYL-2-PENTANONE	0.54 U		0.11	0.54	UG/M3	0.54 U	
EPD-WA-02-030323	TO-15	ACETONE	2.9 J		0.88	6.2	UG/M3	2.9 J	
EPD-WA-02-030323	TO-15	ALPHA-CHLOROTOLUENE	0.68 U		0.36	0.68	UG/M3	0.68 U	
EPD-WA-02-030323	TO-15	BROMODICHLOROMETHANE	0.88 U		0.19	0.88	UG/M3	0.88 U	
EPD-WA-02-030323	TO-15	BROMOFORM	1.4 U		0.31	1.4	UG/M3	1.4 U	
EPD-WA-02-030323	TO-15	BROMOMETHANE	25 U		2	25	UG/M3	25 U	
EPD-WA-02-030323	TO-15	BUTANE	2 NJ				UG/M3	2 NJ	
EPD-WA-02-030323	TO-15	BUTANE, 2-METHYL-	1.3 NJ				UG/M3	1.3 NJ	
EPD-WA-02-030323	TO-15	CARBON DISULFIDE	0.49 J		0.27	2	UG/M3	2 U	
EPD-WA-02-030323	TO-15	CHLOROBENZENE	0.6 U		0.17	0.6	UG/M3	0.6 U	
EPD-WA-02-030323	TO-15	CIS-1,3-DICHLOROPROPENE	0.59 U		0.18	0.59	UG/M3	0.59 U	
EPD-WA-02-030323	TO-15	CUMENE	0.64 U		0.097	0.64	UG/M3	0.64 U	
EPD-WA-02-030323	TO-15	CYCLOHEXANE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-02-030323	TO-15	DIBROMOCHLOROMETHANE	1.1 U		0.23	1.1	UG/M3	1.1 U	
EPD-WA-02-030323	TO-15	ETHANOL	4.9 U		1.3	4.9	UG/M3	4.9 U	
EPD-WA-02-030323	TO-15	FREON 11	1.1		0.11	0.74	UG/M3	1.1	
EPD-WA-02-030323	TO-15	FREON 113	0.42 J		0.12	1	UG/M3	0.42 J	
EPD-WA-02-030323	TO-15	HEPTANE	2.7 U		0.54	2.7	UG/M3	2.7 U	
EPD-WA-02-030323	TO-15	HEXACHLOROBUTADIENE	7 U		0.58	7	UG/M3	7 U	
EPD-WA-02-030323	TO-15	HEXANE	2.3 U		0.38	2.3	UG/M3	2.3 U	
EPD-WA-02-030323	TO-15	METHYLENE CHLORIDE	0.91 U		0.34	0.91	UG/M3	0.91 U	
EPD-WA-02-030323	TO-15	PENTANE	0.78 NJ				UG/M3	0.78 NJ	
EPD-WA-02-030323	TO-15	PROPYLBENZENE	0.64 U		0.24	0.64	UG/M3	0.64 U	
EPD-WA-02-030323	TO-15	STYRENE	0.56 U		0.1	0.56	UG/M3	0.56 U	
EPD-WA-02-030323	TO-15	TETRAHYDROFURAN	1.9 U		1.2	1.9	UG/M3	1.9 U	
EPD-WA-02-030323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.59 U		0.16	0.59	UG/M3	0.59 U	
EPD-WA-02-030323	TO-15	UNKNOWN TIC	0.79 J				UG/M3	0.79 J	
EPD-WA-02-030323	TO-15	UNKNOWN TIC	1.2 J				UG/M3	1.2 J	
EPD-WA-02-030323	TO-15	UNKNOWN TIC	0.91 J				UG/M3	0.91 J	
EPD-WA-02-030323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14 U		0.019	0.14	UG/M3	0.14 U	
EPD-WA-02-030323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18 U		0.03	0.18	UG/M3	0.18 U	
EPD-WA-02-030323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14 U		0.028	0.14	UG/M3	0.14 U	
EPD-WA-02-030323	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.013	0.11	UG/M3	0.11 U	
EPD-WA-02-030323	TO-15 SIM	1,1-DICHLOROETHENE	0.052 U		0.026	0.052	UG/M3	0.052 U	
EPD-WA-02-030323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.2 U		0.045	0.2	UG/M3	0.2 U	
EPD-WA-02-030323	TO-15 SIM	1,2-DICHLOROETHANE	0.054 J		0.021	0.11	UG/M3	0.054 J	
EPD-WA-02-030323	TO-15 SIM	1,4-DICHLOROBENZENE	0.16 U		0.086	0.16	UG/M3	0.16 U	

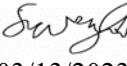
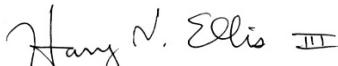
E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303078

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-030323	TO-15 SIM	BENZENE	0.61		0.04	0.21	UG/M3	0.61	
EPD-WA-02-030323	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.031	0.16	UG/M3	0.37	
EPD-WA-02-030323	TO-15 SIM	CHLOROETHANE	0.17 U		0.1	0.17	UG/M3	0.17 U	
EPD-WA-02-030323	TO-15 SIM	CHLOROFORM	0.061 J		0.02	0.13	UG/M3	0.061 J	
EPD-WA-02-030323	TO-15 SIM	CHLOROMETHANE	0.74 J		0.13	1.4	UG/M3	0.74 J	
EPD-WA-02-030323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.1 U		0.022	0.1	UG/M3	0.1 U	
EPD-WA-02-030323	TO-15 SIM	ETHYL BENZENE	0.14		0.0081	0.11	UG/M3	0.14	
EPD-WA-02-030323	TO-15 SIM	FREON 114	0.097 J		0.026	0.18	UG/M3	0.097 J	
EPD-WA-02-030323	TO-15 SIM	FREON 12	1.8		0.018	0.32	UG/M3	1.8	
EPD-WA-02-030323	TO-15 SIM	M,P-XYLENE	0.44		0.016	0.23	UG/M3	0.44	
EPD-WA-02-030323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.47 U		0.018	0.47	UG/M3	0.47 U	
EPD-WA-02-030323	TO-15 SIM	NAPHTHALENE	0.097 J		0.064	0.34	UG/M3	0.097 J	
EPD-WA-02-030323	TO-15 SIM	O-XYLENE	0.17		0.014	0.11	UG/M3	0.17	
EPD-WA-02-030323	TO-15 SIM	TETRACHLOROETHENE	0.11 J		0.0068	0.18	UG/M3	0.11 J	
EPD-WA-02-030323	TO-15 SIM	TOLUENE	0.76		0.016	0.25	UG/M3	0.76	
EPD-WA-02-030323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.52 U		0.016	0.52	UG/M3	0.52 U	
EPD-WA-02-030323	TO-15 SIM	TRICHLOROETHENE	0.016 J		0.013	0.14	UG/M3	0.016 J	
EPD-WA-02-030323	TO-15 SIM	VINYL CHLORIDE	0.92		0.024	0.033	UG/M3	0.92	
EPD-WA-03-030323	TO-15	1,2,4-TRICHLOROBENZENE	5.3 U		0.7	5.3	UG/M3	5.3 U	
EPD-WA-03-030323	TO-15	1,2,4-TRIMETHYLBENZENE	0.7 U		0.17	0.7	UG/M3	0.7 U	
EPD-WA-03-030323	TO-15	1,2-DICHLOROBENZENE	0.85 U		0.18	0.85	UG/M3	0.85 U	
EPD-WA-03-030323	TO-15	1,2-DICHLOROPROPANE	0.66 U		0.23	0.66	UG/M3	0.66 U	
EPD-WA-03-030323	TO-15	1,3,5-TRIMETHYLBENZENE	0.7 U		0.22	0.7	UG/M3	0.7 U	
EPD-WA-03-030323	TO-15	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-WA-03-030323	TO-15	1,3-DICHLOROBENZENE	0.85 U		0.18	0.85	UG/M3	0.85 U	
EPD-WA-03-030323	TO-15	1,4-DIOXANE	0.51 U		0.28	0.51	UG/M3	0.51 U	
EPD-WA-03-030323	TO-15	2,2,4-TRIMETHYLPENTANE	3.3 U		0.47	3.3	UG/M3	3.3 U	
EPD-WA-03-030323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.66 J		0.47	2.1	UG/M3	0.66 J	
EPD-WA-03-030323	TO-15	2-HEXANONE	2.9 U		0.59	2.9	UG/M3	2.9 U	
EPD-WA-03-030323	TO-15	2-PROPANOL	7 U		0.38	7	UG/M3	7 U	
EPD-WA-03-030323	TO-15	3-CHLOROPROPENE	2.2 U		0.48	2.2	UG/M3	2.2 U	
EPD-WA-03-030323	TO-15	4-ETHYLtolUENE	0.7 U		0.16	0.7	UG/M3	0.7 U	
EPD-WA-03-030323	TO-15	4-METHYL-2-PENTANONE	0.58 U		0.12	0.58	UG/M3	0.58 U	
EPD-WA-03-030323	TO-15	ACETALDEHYDE	1.6 NJ			UG/M3		1.6 NJ	
EPD-WA-03-030323	TO-15	ACETONE	3.3 J		0.95	6.7	UG/M3	3.3 J	
EPD-WA-03-030323	TO-15	ALPHA-CHLOROTOLUENE	0.74 U		0.39	0.74	UG/M3	0.74 U	
EPD-WA-03-030323	TO-15	BROMODICHLOROMETHANE	0.95 U		0.2	0.95	UG/M3	0.95 U	
EPD-WA-03-030323	TO-15	BROMOFORM	1.5 U		0.33	1.5	UG/M3	1.5 U	
EPD-WA-03-030323	TO-15	BROMOMETHANE	28 U		2.1	28	UG/M3	28 U	
EPD-WA-03-030323	TO-15	BUTANE, 2-METHYL-	1.1 NJ			UG/M3		1.1 NJ	
EPD-WA-03-030323	TO-15	CARBON DISULFIDE	0.54 J		0.29	2.2	UG/M3	2.2 U	
EPD-WA-03-030323	TO-15	CHLOROBENZENE	0.65 U		0.18	0.65	UG/M3	0.65 U	
EPD-WA-03-030323	TO-15	CIS-1,3-DICHLOROPROPENE	0.64 U		0.2	0.64	UG/M3	0.64 U	
EPD-WA-03-030323	TO-15	CUMENE	0.7 U		0.1	0.7	UG/M3	0.7 U	
EPD-WA-03-030323	TO-15	CYCLOHEXANE	2.4 U		0.26	2.4	UG/M3	2.4 U	
EPD-WA-03-030323	TO-15	DIBROMOCHLOROMETHANE	1.2 U		0.25	1.2	UG/M3	1.2 U	
EPD-WA-03-030323	TO-15	ETHANOL	5.4 U		1.4	5.4	UG/M3	5.4 U	
EPD-WA-03-030323	TO-15	FREON 11	1		0.12	0.8	UG/M3	1.0	
EPD-WA-03-030323	TO-15	FREON 113	0.39 J		0.14	1.1	UG/M3	0.39 J	
EPD-WA-03-030323	TO-15	HEPTANE	2.9 U		0.59	2.9	UG/M3	2.9 U	
EPD-WA-03-030323	TO-15	HEXACHLOROBUTADIENE	7.6 U		0.64	7.6	UG/M3	7.6 U	
EPD-WA-03-030323	TO-15	HEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-03-030323	TO-15	METHYLENE CHLORIDE	0.99 U		0.37	0.99	UG/M3	0.99 U	
EPD-WA-03-030323	TO-15	PROPYLBENZENE	0.7 U		0.26	0.7	UG/M3	0.7 U	
EPD-WA-03-030323	TO-15	STYRENE	0.6 U		0.11	0.6	UG/M3	0.6 U	
EPD-WA-03-030323	TO-15	TETRAHYDROFURAN	2.1 U		1.3	2.1	UG/M3	2.1 U	
EPD-WA-03-030323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-WA-03-030323	TO-15	UNKNOWN TIC	1.5 J			UG/M3		1.5 J	
EPD-WA-03-030323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-03-030323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.033	0.19	UG/M3	0.19 U	
EPD-WA-03-030323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-WA-03-030323	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.014	0.11	UG/M3	0.11 U	
EPD-WA-03-030323	TO-15 SIM	1,1-DICHLOROETHENE	0.056 U		0.028	0.056	UG/M3	0.056 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2303078

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-030323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.22 U		0.049	0.22	UG/M3	0.22 U	
EPD-WA-03-030323	TO-15 SIM	1,2-DICHLOROETHANE	0.05 J		0.022	0.11	UG/M3	0.05 J	
EPD-WA-03-030323	TO-15 SIM	1,4-DICHLOROBENZENE	0.17 U		0.093	0.17	UG/M3	0.17 U	
EPD-WA-03-030323	TO-15 SIM	BENZENE	0.59		0.044	0.23	UG/M3	0.59	
EPD-WA-03-030323	TO-15 SIM	CARBON TETRACHLORIDE	0.36		0.033	0.18	UG/M3	0.36	
EPD-WA-03-030323	TO-15 SIM	CHLOROETHANE	0.19 U		0.11	0.19	UG/M3	0.19 U	
EPD-WA-03-030323	TO-15 SIM	CHLOROFORM	0.062 J		0.022	0.14	UG/M3	0.062 J	
EPD-WA-03-030323	TO-15 SIM	CHLOROMETHANE	0.74 J		0.14	1.5	UG/M3	0.74 J	
EPD-WA-03-030323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11 U		0.024	0.11	UG/M3	0.11 U	
EPD-WA-03-030323	TO-15 SIM	ETHYL BENZENE	0.086 J		0.0088	0.12	UG/M3	0.12 U	
EPD-WA-03-030323	TO-15 SIM	FREON 114	0.1 J		0.028	0.2	UG/M3	0.1 J	
EPD-WA-03-030323	TO-15 SIM	FREON 12	1.8		0.02	0.35	UG/M3	1.8	
EPD-WA-03-030323	TO-15 SIM	M,P-XYLENE	0.22 J		0.018	0.25	UG/M3	0.22 J	
EPD-WA-03-030323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.51 U		0.019	0.51	UG/M3	0.51 U	
EPD-WA-03-030323	TO-15 SIM	NAPHTHALENE	0.11 J		0.07	0.37	UG/M3	0.11 J	
EPD-WA-03-030323	TO-15 SIM	O-XYLENE	0.094 J		0.015	0.12	UG/M3	0.094 J	
EPD-WA-03-030323	TO-15 SIM	TETRACHLOROETHENE	0.11 J		0.0074	0.19	UG/M3	0.11 J	
EPD-WA-03-030323	TO-15 SIM	TOLUENE	0.55		0.018	0.27	UG/M3	0.55	
EPD-WA-03-030323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.56 U		0.017	0.56	UG/M3	0.56 U	
EPD-WA-03-030323	TO-15 SIM	TRICHLOROETHENE	0.016 J		0.014	0.15	UG/M3	0.016 J	
EPD-WA-03-030323	TO-15 SIM	VINYL CHLORIDE	1.8		0.026	0.036	UG/M3	1.8	

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

Site Name	E Palestine Site - ER	
Document Tracking No.	1695b	
Data Reviewer (signature and date)	 March 11, 2023	 03/13/2023
Laboratory Report No.	2303113	
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes	
Samples and Matrix	Seven air samples	
Collection Date(s)	03/06/2023	
Field Duplicate Pairs	None	
Field QC Blanks	None	
TO/TOLIN No.	68HE0520F0032/0001EB201	
Technical Reviewer (signature and date)	 15 March 2023	
Laboratory	Eurofins Air Toxics, LLC, Folsom CA	

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, 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
N	The laboratory narrative states that sample EPD-DW-01-030623 was canceled on 3/6/23 per client's request. No results are provided for this sample.

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The laboratory narrative states that the chain-of-custody (COC) form sample ID for sample EPD-WA-01-030623 did not match the entry on the sample tag and that the sample was logged in using the ID on the COC form.

Method blanks:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan: The method blank contained methylene chloride. This resulted in all field samples being qualified as nondetect for methylene chloride at the reporting limit (RL).</p> <p>TO-15 SIM: The method blank contained ethyl benzene, tetrachloroethene, and toluene. This resulted in the following results being qualified as nondetect at the RL:</p> <ul style="list-style-type: none"> • Ethylbenzene in samples EPD-WA-03-030623, EPD-WA-04-030623, and EPD-UW-01-030623 • Tetrachloroethene for all samples

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

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

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	LCS and LCSD recoveries were reported and are acceptable; however, no RPDs were provided. No qualifications were applied.

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor was 1.42 for samples EPD-WA-01-0623, 1.16 for sample EPD-WA-02-030623, 1.20 for sample EPD-WA-03-030623, 1.27 for sample EPD-WA-04-030623, 1.23 for sample EPD-WA-05-030623, 1.23 for sample EPD-WA-06-030623, and 1.42 for sample EPD-UW-01-030623.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RRLs:

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

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in five of the project samples. In some cases, the mass spectra were not adequate to identify the TIC, so the laboratory called these “Unknown TIC.” All named TICs were qualified as tentatively identified (flagged NJ) and the unknown TICs were qualified as estimated (flagged J).

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 was not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303113

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-UW-01-030623	TO-15	1,2,4-TRICHLOROBENZENE	5.3 U		0.64	5.3	UG/M3	5.3 U	
EPD-UW-01-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.13 J		0.1	0.7	UG/M3	0.13 J	
EPD-UW-01-030623	TO-15	1,2-DICHLOROBENZENE	0.85 U		0.18	0.85	UG/M3	0.85 U	
EPD-UW-01-030623	TO-15	1,2-DICHLOROPROPANE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-UW-01-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.7 U		0.12	0.7	UG/M3	0.7 U	
EPD-UW-01-030623	TO-15	1,3-BUTADIENE	0.31 U		0.054	0.31	UG/M3	0.31 U	
EPD-UW-01-030623	TO-15	1,3-DICHLOROBENZENE	0.85 U		0.1	0.85	UG/M3	0.85 U	
EPD-UW-01-030623	TO-15	1,4-DIOXANE	0.51 U		0.12	0.51	UG/M3	0.51 U	
EPD-UW-01-030623	TO-15	2,2,4-TRIMETHYLPENTANE	3.3 U		0.3	3.3	UG/M3	3.3 U	
EPD-UW-01-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.43 J		0.19	2.1	UG/M3	0.43 J	
EPD-UW-01-030623	TO-15	2-HEXANONE	2.9 U		0.16	2.9	UG/M3	2.9 U	
EPD-UW-01-030623	TO-15	2-PROPANOL	7 U		3.8	7	UG/M3	7 U	
EPD-UW-01-030623	TO-15	3-CHLOROPROPENE	2.2 U		0.21	2.2	UG/M3	2.2 U	
EPD-UW-01-030623	TO-15	4-ETHYLTOULENE	0.7 U		0.09	0.7	UG/M3	0.7 U	
EPD-UW-01-030623	TO-15	4-METHYL-2-PENTANONE	0.58 U		0.11	0.58	UG/M3	0.58 U	
EPD-UW-01-030623	TO-15	ACETONE	6.7 U		4.6	6.7	UG/M3	6.7 U	
EPD-UW-01-030623	TO-15	ALPHA-CHLORTOLUENE	0.74 U		0.086	0.74	UG/M3	0.74 U	
EPD-UW-01-030623	TO-15	BROMODICHLOROMETHANE	0.95 U		0.082	0.95	UG/M3	0.95 U	
EPD-UW-01-030623	TO-15	BROMOFORM	1.5 U		0.34	1.5	UG/M3	1.5 U	
EPD-UW-01-030623	TO-15	BROMOMETHANE	28 U		0.34	28	UG/M3	28 U	
EPD-UW-01-030623	TO-15	CARBON DISULFIDE	2.2 U		0.23	2.2	UG/M3	2.2 U	
EPD-UW-01-030623	TO-15	CHLOROBENZENE	0.65 U		0.061	0.65	UG/M3	0.65 U	
EPD-UW-01-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.64 U		0.11	0.64	UG/M3	0.64 U	
EPD-UW-01-030623	TO-15	CUMENE	0.7 U		0.093	0.7	UG/M3	0.7 U	
EPD-UW-01-030623	TO-15	CYCLOHEXANE	2.4 U		0.098	2.4	UG/M3	2.4 U	
EPD-UW-01-030623	TO-15	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-UW-01-030623	TO-15	ETHANOL	6.2		2.8	5.4	UG/M3	6.2	
EPD-UW-01-030623	TO-15	FREON 11	1.4		0.1	0.8	UG/M3	1.4	
EPD-UW-01-030623	TO-15	FREON 113	0.49 J		0.091	1.1	UG/M3	0.49 J	
EPD-UW-01-030623	TO-15	HEPTANE	2.9 U		0.23	2.9	UG/M3	2.9 U	
EPD-UW-01-030623	TO-15	HEXACHLOROBUTADIENE	7.6 U		0.37	7.6	UG/M3	7.6 U	
EPD-UW-01-030623	TO-15	HEXANE	0.26 J		0.17	2.5	UG/M3	0.26 J	
EPD-UW-01-030623	TO-15	METHYLENE CHLORIDE	0.48 J		0.15	0.99	UG/M3	0.99 U	
EPD-UW-01-030623	TO-15	PROPYLBENZENE	0.7 U		0.078	0.7	UG/M3	0.7 U	
EPD-UW-01-030623	TO-15	STYRENE	0.6 U		0.092	0.6	UG/M3	0.6 U	
EPD-UW-01-030623	TO-15	TETRAHYDROFURAN	2.1 U		0.2	2.1	UG/M3	2.1 U	
EPD-UW-01-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.097	0.64	UG/M3	0.64 U	
EPD-UW-01-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15 U		0.0068	0.15	UG/M3	0.15 U	
EPD-UW-01-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.014	0.19	UG/M3	0.19 U	
EPD-UW-01-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15 U		0.0089	0.15	UG/M3	0.15 U	
EPD-UW-01-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.0059	0.11	UG/M3	0.11 U	
EPD-UW-01-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.056 U		0.012	0.056	UG/M3	0.056 U	
EPD-UW-01-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.22 U		0.018	0.22	UG/M3	0.22 U	
EPD-UW-01-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.084 J		0.0095	0.11	UG/M3	0.084 J	
EPD-UW-01-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.17 U		0.075	0.17	UG/M3	0.17 U	
EPD-UW-01-030623	TO-15 SIM	BENZENE	0.65		0.075	0.23	UG/M3	0.65	
EPD-UW-01-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.51		0.024	0.18	UG/M3	0.51	
EPD-UW-01-030623	TO-15 SIM	CHLOROETHANE	0.19 U		0.013	0.19	UG/M3	0.19 U	
EPD-UW-01-030623	TO-15 SIM	CHLOROFORM	0.08 J		0.011	0.14	UG/M3	0.08 J	
EPD-UW-01-030623	TO-15 SIM	CHLOROMETHANE	0.8 J		0.009	1.5	UG/M3	0.8 J	
EPD-UW-01-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11 U		0.0097	0.11	UG/M3	0.11 U	
EPD-UW-01-030623	TO-15 SIM	ETHYL BENZENE	0.099 J		0.019	0.12	UG/M3	0.12 U	
EPD-UW-01-030623	TO-15 SIM	FREON 114	0.11 J		0.0081	0.2	UG/M3	0.11 J	
EPD-UW-01-030623	TO-15 SIM	FREON 12	2.7		0.0058	0.35	UG/M3	2.7	
EPD-UW-01-030623	TO-15 SIM	M,P-XYLENE	0.3		0.055	0.25	UG/M3	0.3	
EPD-UW-01-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.51 U		0.0051	0.51	UG/M3	0.51 U	
EPD-UW-01-030623	TO-15 SIM	NAPHTHALENE	0.37 U		0.046	0.37	UG/M3	0.37 U	
EPD-UW-01-030623	TO-15 SIM	O-XYLENE	0.12		0.03	0.12	UG/M3	0.12	
EPD-UW-01-030623	TO-15 SIM	TETRACHLOROETHENE	0.051 J		0.0075	0.19	UG/M3	0.19 U	
EPD-UW-01-030623	TO-15 SIM	TOLUENE	0.76		0.036	0.27	UG/M3	0.76	
EPD-UW-01-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.56 U		0.0098	0.56	UG/M3	0.56 U	
EPD-UW-01-030623	TO-15 SIM	TRICHLOROETHENE	0.15 U		0.011	0.15	UG/M3	0.15 U	
EPD-UW-01-030623	TO-15 SIM	VINYL CHLORIDE	0.41		0.005	0.036	UG/M3	0.41	
EPD-WA-01-030623	TO-15	.ALPHA.-PINENE	2 NJ				UG/M3	2 NJ	
EPD-WA-01-030623	TO-15	.BETA.-PINENE	1.5 NJ				UG/M3	1.5 NJ	
EPD-WA-01-030623	TO-15	1,2,4-TRICHLOROBENZENE	5.3 U		0.64	5.3	UG/M3	5.3 U	
EPD-WA-01-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.28 J		0.1	0.7	UG/M3	0.28 J	
EPD-WA-01-030623	TO-15	1,2-DICHLOROBENZENE	0.85 U		0.18	0.85	UG/M3	0.85 U	
EPD-WA-01-030623	TO-15	1,2-DICHLOROPROPANE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-01-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.7 U		0.12	0.7	UG/M3	0.7 U	
EPD-WA-01-030623	TO-15	1,3-BUTADIENE	0.11 J		0.054	0.31	UG/M3	0.11 J	
EPD-WA-01-030623	TO-15	1,3-DICHLOROBENZENE	0.85 U		0.1	0.85	UG/M3	0.85 U	
EPD-WA-01-030623	TO-15	1,4-DIOXANE	0.51 U		0.12	0.51	UG/M3	0.51 U	
EPD-WA-01-030623	TO-15	2,2,4-TRIMETHYLPENTANE	0.6 J		0.3	3.3	UG/M3	0.6 J	
EPD-WA-01-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.69 J		0.19	2.1	UG/M3	0.69 J	
EPD-WA-01-030623	TO-15	2-HEXANONE	2.9 U		0.16	2.9	UG/M3	2.9 U	
EPD-WA-01-030623	TO-15	2-PROPANOL	7 U		3.8	7	UG/M3	7 U	
EPD-WA-01-030623	TO-15	2-PROPOENOIC ACID, BUTYL ESTER	5.4 NJ				UG/M3	5.4 NJ	
EPD-WA-01-030623	TO-15	3-CHLOROPROPENE	2.2 U		0.21	2.2	UG/M3	2.2 U	
EPD-WA-01-030623	TO-15	4-ETHYLTOULENE	0.15 J		0.09	0.7	UG/M3	0.15 J	
EPD-WA-01-030623	TO-15	4-METHYL-2-PENTANONE	0.58 U		0.11	0.58	UG/M3	0.58 U	
EPD-WA-01-030623	TO-15	ACETONE	5.1 J		4.6	6.7	UG/M3	5.1 J	
EPD-WA-01-030623	TO-15	ALPHA-CHLORTOLUENE	0.74 U		0.086	0.74	UG/M3	0.74 U	
EPD-WA-01-030623	TO-15	BROMODICHLOROMETHANE	0.95 U		0.082	0.95	UG/M3	0.95 U	
EPD-WA-01-030623	TO-15	BROMOFORM	1.5 U		0.34	1.5	UG/M3	1.5 U	
EPD-WA-01-030623	TO-15	BROMOMETHANE	28 U		0.34	28	UG/M3	28 U	
EPD-WA-01-030623	TO-15	CARBON DISULFIDE	2.2 U		0.23	2.2	UG/M3	2.2 U	
EPD-WA-01-030623	TO-15	CHLOROBENZENE	0.65 U		0.061	0.65	UG/M3	0.65 U	
EPD-WA-01-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.64 U		0.11	0.64	UG/M3	0.64 U	
EPD-WA-01-030623	TO-15	CUMENE	0.7 U		0.093	0.7	UG/M3	0.7 U	
EPD-WA-01-030623	TO-15	CYCLOHEXANE	0.12 J		0.098	2.4	UG/M3	0.12 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303113

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-WA-01-030623	TO-15	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-01-030623	TO-15	ETHANOL	8.5		2.8	5.4	UG/M3	8.5	
EPD-WA-01-030623	TO-15	FREON 11	1.4		0.1	0.8	UG/M3	1.4	
EPD-WA-01-030623	TO-15	FREON 113	0.45 J		0.091	1.1	UG/M3	0.45 J	
EPD-WA-01-030623	TO-15	HEPTANE	0.31 J		0.23	2.9	UG/M3	0.31 J	
EPD-WA-01-030623	TO-15	HEXACHLOROBUTADIENE	7.6 U		0.37	7.6	UG/M3	7.6 U	
EPD-WA-01-030623	TO-15	HEXANE	0.69 J		0.17	2.5	UG/M3	0.69 J	
EPD-WA-01-030623	TO-15	METHYLENE CHLORIDE	0.44 J		0.15	0.99	UG/M3	0.99 U	
EPD-WA-01-030623	TO-15	PROPYLBENZENE	0.7 U		0.078	0.7	UG/M3	0.7 U	
EPD-WA-01-030623	TO-15	STYRENE	0.6 U		0.092	0.6	UG/M3	0.6 U	
EPD-WA-01-030623	TO-15	TETRAHYDROFURAN	2.1 U		0.2	2.1	UG/M3	2.1 U	
EPD-WA-01-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.097	0.64	UG/M3	0.64 U	
EPD-WA-01-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15 U		0.0068	0.15	UG/M3	0.15 U	
EPD-WA-01-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.014	0.19	UG/M3	0.19 U	
EPD-WA-01-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15 U		0.0089	0.15	UG/M3	0.15 U	
EPD-WA-01-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.0059	0.11	UG/M3	0.11 U	
EPD-WA-01-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.056 U		0.012	0.056	UG/M3	0.056 U	
EPD-WA-01-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.22 U		0.018	0.22	UG/M3	0.22 U	
EPD-WA-01-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.078 J		0.0095	0.11	UG/M3	0.078 J	
EPD-WA-01-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.17 U		0.075	0.17	UG/M3	0.17 U	
EPD-WA-01-030623	TO-15 SIM	BENZENE	0.96		0.075	0.23	UG/M3	0.96	
EPD-WA-01-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.48		0.024	0.18	UG/M3	0.48	
EPD-WA-01-030623	TO-15 SIM	CHLOROETHANE	0.19 U		0.013	0.19	UG/M3	0.19 U	
EPD-WA-01-030623	TO-15 SIM	CHLOROFORM	0.073 J		0.011	0.14	UG/M3	0.073 J	
EPD-WA-01-030623	TO-15 SIM	CHLOROMETHANE	0.8 J		0.009	1.5	UG/M3	0.8 J	
EPD-WA-01-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11 U		0.0097	0.11	UG/M3	0.11 U	
EPD-WA-01-030623	TO-15 SIM	ETHYL BENZENE	0.14		0.019	0.12	UG/M3	0.14	
EPD-WA-01-030623	TO-15 SIM	FREON 114	0.11 J		0.0081	0.2	UG/M3	0.11 J	
EPD-WA-01-030623	TO-15 SIM	FREON 12	2.6		0.0058	0.35	UG/M3	2.6	
EPD-WA-01-030623	TO-15 SIM	M,P-XYLENE	0.43		0.055	0.25	UG/M3	0.43	
EPD-WA-01-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.51 U		0.0051	0.51	UG/M3	0.51 U	
EPD-WA-01-030623	TO-15 SIM	NAPHTHALENE	0.37 U		0.046	0.37	UG/M3	0.37 U	
EPD-WA-01-030623	TO-15 SIM	O-XYLENE	0.22		0.03	0.12	UG/M3	0.22	
EPD-WA-01-030623	TO-15 SIM	TETRACHLOROETHENE	0.08 J		0.0075	0.19	UG/M3	0.19 U	
EPD-WA-01-030623	TO-15 SIM	TOLUENE	1.3		0.036	0.27	UG/M3	1.3	
EPD-WA-01-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.56 U		0.0098	0.56	UG/M3	0.56 U	
EPD-WA-01-030623	TO-15 SIM	TRICHLOROETHENE	0.15 U		0.011	0.15	UG/M3	0.15 U	
EPD-WA-01-030623	TO-15 SIM	VINYL CHLORIDE	3.5		0.005	0.036	UG/M3	3.5	
EPD-WA-02-030623	TO-15	1,2,4-TRICHLOROBENZENE	4.3 U		0.52	4.3	UG/M3	4.3 U	
EPD-WA-02-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.25 J		0.083	0.57	UG/M3	0.25 J	
EPD-WA-02-030623	TO-15	1,2-DICHLOROBENZENE	0.7 U		0.14	0.7	UG/M3	0.7 U	
EPD-WA-02-030623	TO-15	1,2-DICHLOROPROPANE	0.54 U		0.1	0.54	UG/M3	0.54 U	
EPD-WA-02-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.57 U		0.1	0.57	UG/M3	0.57 U	
EPD-WA-02-030623	TO-15	1,3-BUTADIENE	0.19 J		0.044	0.26	UG/M3	0.19 J	
EPD-WA-02-030623	TO-15	1,3-DICHLOROBENZENE	0.7 U		0.082	0.7	UG/M3	0.7 U	
EPD-WA-02-030623	TO-15	1,4-DIOXANE	0.42 U		0.1	0.42	UG/M3	0.42 U	
EPD-WA-02-030623	TO-15	2,2,4-TRIMETHYLPENTANE	0.28 J		0.24	2.7	UG/M3	0.28 J	
EPD-WA-02-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.54 J		0.16	1.7	UG/M3	0.54 J	
EPD-WA-02-030623	TO-15	2-HEXANONE	2.4 U		0.13	2.4	UG/M3	2.4 U	
EPD-WA-02-030623	TO-15	2-PROPANOL	5.7 U		3.1	5.7	UG/M3	5.7 U	
EPD-WA-02-030623	TO-15	2-PROPOENOIC ACID, BUTYL ESTER	2.8 NJ			UG/M3		2.8 NJ	
EPD-WA-02-030623	TO-15	3-CHLOROPROPENE	1.8 U		0.17	1.8	UG/M3	1.8 U	
EPD-WA-02-030623	TO-15	4-ETHYLTOLUENE	0.2 J		0.074	0.57	UG/M3	0.2 J	
EPD-WA-02-030623	TO-15	4-METHYL-2-PENTANONE	0.48 U		0.091	0.48	UG/M3	0.48 U	
EPD-WA-02-030623	TO-15	ACETONE	4.3 J		3.8	5.5	UG/M3	4.3 J	
EPD-WA-02-030623	TO-15	ALPHA-CHLOROTOLUENE	0.6 U		0.07	0.6	UG/M3	0.6 U	
EPD-WA-02-030623	TO-15	BROMODICHLOROMETHANE	0.78 U		0.067	0.78	UG/M3	0.78 U	
EPD-WA-02-030623	TO-15	BROMOFORM	1.2 U		0.28	1.2	UG/M3	1.2 U	
EPD-WA-02-030623	TO-15	BROMOMETHANE	22 U		0.27	22	UG/M3	22 U	
EPD-WA-02-030623	TO-15	CARBON DISULFIDE	1.8 U		0.19	1.8	UG/M3	1.8 U	
EPD-WA-02-030623	TO-15	CHLOROBENZENE	0.53 U		0.05	0.53	UG/M3	0.53 U	
EPD-WA-02-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.53 U		0.087	0.53	UG/M3	0.53 U	
EPD-WA-02-030623	TO-15	CUMENE	0.57 U		0.076	0.57	UG/M3	0.57 U	
EPD-WA-02-030623	TO-15	CYCLOHEXANE	2 U		0.08	2	UG/M3	2 U	
EPD-WA-02-030623	TO-15	DIBROMOCHLOROMETHANE	0.99 U		0.12	0.99	UG/M3	0.99 U	
EPD-WA-02-030623	TO-15	ETHANOL	5.1		2.3	4.4	UG/M3	5.1	
EPD-WA-02-030623	TO-15	FREON 11	1.3		0.082	0.65	UG/M3	1.3	
EPD-WA-02-030623	TO-15	FREON 113	0.49 J		0.075	0.89	UG/M3	0.49 J	
EPD-WA-02-030623	TO-15	HEPTANE	0.25 J		0.19	2.4	UG/M3	0.25 J	
EPD-WA-02-030623	TO-15	HEXACHLOROBUTADIENE	6.2 U		0.3	6.2	UG/M3	6.2 U	
EPD-WA-02-030623	TO-15	HEXANE	0.46 J		0.14	2	UG/M3	0.46 J	
EPD-WA-02-030623	TO-15	METHYLENE CHLORIDE	0.47 J		0.12	0.8	UG/M3	0.8 U	
EPD-WA-02-030623	TO-15	PROPYLBENZENE	0.57 U		0.064	0.57	UG/M3	0.57 U	
EPD-WA-02-030623	TO-15	STYRENE	0.085 J		0.075	0.49	UG/M3	0.085 J	
EPD-WA-02-030623	TO-15	TETRAHYDROFURAN	1.7 U		0.17	1.7	UG/M3	1.7 U	
EPD-WA-02-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.53 U		0.079	0.53	UG/M3	0.53 U	
EPD-WA-02-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.13 U		0.0056	0.13	UG/M3	0.13 U	
EPD-WA-02-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-02-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.13 U		0.0073	0.13	UG/M3	0.13 U	
EPD-WA-02-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.094 U		0.0048	0.094	UG/M3	0.094 U	
EPD-WA-02-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.046 U		0.0098	0.046	UG/M3	0.046 U	
EPD-WA-02-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.18 U		0.015	0.18	UG/M3	0.18 U	
EPD-WA-02-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.077 J		0.0077	0.094	UG/M3	0.077 J	
EPD-WA-02-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.14 U		0.062	0.14	UG/M3	0.14 U	
EPD-WA-02-030623	TO-15 SIM	BENZENE	1		0.061	0.18	UG/M3	1	
EPD-WA-02-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.49		0.019	0.14	UG/M3	0.49	
EPD-WA-02-030623	TO-15 SIM	CHLOROETHANE	0.15 U		0.011	0.15	UG/M3	0.15 U	
EPD-WA-02-030623	TO-15 SIM	CHLOROFORM	0.074 J		0.009	0.11	UG/M3	0.074 J	
EPD-WA-02-030623	TO-15 SIM	CHLOROMETHANE	0.81 J		0.0074	1.2	UG/M3	0.81 J	
EPD-WA-02-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.092 U		0.008	0.092	UG/M3	0.092 U	
EPD-WA-02-030623	TO-15 SIM	ETHYL BENZENE	0.18		0.016	0.1	UG/M3	0.18	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303113

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-WA-02-030623	TO-15 SIM	FREON 114	0.11 J		0.0066	0.16	UG/M3	0.11 J	
EPD-WA-02-030623	TO-15 SIM	FREON 12	2.6		0.0048	0.29	UG/M3	2.6	
EPD-WA-02-030623	TO-15 SIM	M,P-XYLENE	0.52		0.045	0.2	UG/M3	0.52	
EPD-WA-02-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.42 U		0.0042	0.42	UG/M3	0.42 U	
EPD-WA-02-030623	TO-15 SIM	NAPHTHALENE	0.038 J		0.037	0.3	UG/M3	0.038 J	
EPD-WA-02-030623	TO-15 SIM	O-XYLENE	0.25		0.024	0.1	UG/M3	0.25	
EPD-WA-02-030623	TO-15 SIM	TETRACHLOROETHENE	0.068 J		0.0061	0.16	UG/M3	0.16 U	
EPD-WA-02-030623	TO-15 SIM	TOLUENE	1.3		0.029	0.22	UG/M3	1.3	
EPD-WA-02-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.46 U		0.008	0.46	UG/M3	0.46 U	
EPD-WA-02-030623	TO-15 SIM	TRICHLOROETHENE	0.12 U		0.0089	0.12	UG/M3	0.12 U	
EPD-WA-02-030623	TO-15 SIM	VINYL CHLORIDE	3.8		0.0041	0.03	UG/M3	3.8	
EPD-WA-03-030623	TO-15	1,2,4-TRICHLOROBENZENE	4.4 U		0.54	4.4	UG/M3	4.4 U	
EPD-WA-03-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.59 U		0.086	0.59	UG/M3	0.59 U	
EPD-WA-03-030623	TO-15	1,2-DICHLOROBENZENE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-WA-03-030623	TO-15	1,2-DICHLOROPROPANE	0.55 U		0.11	0.55	UG/M3	0.55 U	
EPD-WA-03-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.59 U		0.1	0.59	UG/M3	0.59 U	
EPD-WA-03-030623	TO-15	1,3-BUTADIENE	0.26 U		0.046	0.26	UG/M3	0.26 U	
EPD-WA-03-030623	TO-15	1,3-DICHLOROBENZENE	0.72 U		0.085	0.72	UG/M3	0.72 U	
EPD-WA-03-030623	TO-15	1,4-DIOXANE	0.43 U		0.11	0.43	UG/M3	0.43 U	
EPD-WA-03-030623	TO-15	2,2,4-TRIMETHYLPENTANE	2.8 U		0.25	2.8	UG/M3	2.8 U	
EPD-WA-03-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.37 J		0.16	1.8	UG/M3	0.37 J	
EPD-WA-03-030623	TO-15	2-HEXANONE	2.4 U		0.13	2.4	UG/M3	2.4 U	
EPD-WA-03-030623	TO-15	2-PROPANOL	5.9 U		3.2	5.9	UG/M3	5.9 U	
EPD-WA-03-030623	TO-15	2-PROPOENOIC ACID, BUTYL ESTER	0.67 NJ			UG/M3		0.67 NJ	
EPD-WA-03-030623	TO-15	3-CHLOROPROPENE	1.9 U		0.18	1.9	UG/M3	1.9 U	
EPD-WA-03-030623	TO-15	4-ETHYLTOLUENE	0.59 U		0.076	0.59	UG/M3	0.59 U	
EPD-WA-03-030623	TO-15	4-METHYL-2-PENTANONE	0.49 U		0.094	0.49	UG/M3	0.49 U	
EPD-WA-03-030623	TO-15	ACETONE	4.3 J		3.9	5.7	UG/M3	4.3 J	
EPD-WA-03-030623	TO-15	ALPHA-CHLOROTOLUENE	0.62 U		0.072	0.62	UG/M3	0.62 U	
EPD-WA-03-030623	TO-15	BROMODICHLOROMETHANE	0.8 U		0.069	0.8	UG/M3	0.8 U	
EPD-WA-03-030623	TO-15	BROMOFORM	1.2 U		0.29	1.2	UG/M3	1.2 U	
EPD-WA-03-030623	TO-15	BROMOMETHANE	23 U		0.28	23	UG/M3	23 U	
EPD-WA-03-030623	TO-15	CARBON DISULFIDE	1.9 U		0.2	1.9	UG/M3	1.9 U	
EPD-WA-03-030623	TO-15	CHLOROBENZENE	0.55 U		0.051	0.55	UG/M3	0.55 U	
EPD-WA-03-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.54 U		0.09	0.54	UG/M3	0.54 U	
EPD-WA-03-030623	TO-15	CUMENE	0.59 U		0.079	0.59	UG/M3	0.59 U	
EPD-WA-03-030623	TO-15	CYCLOHEXANE	2.1 U		0.083	2.1	UG/M3	2.1 U	
EPD-WA-03-030623	TO-15	DIBROMOCHLOROMETHANE	1 U		0.12	1	UG/M3	1 U	
EPD-WA-03-030623	TO-15	ETHANOL	2.7 J		2.4	4.5	UG/M3	2.7 J	
EPD-WA-03-030623	TO-15	FREON 11	1.1		0.085	0.67	UG/M3	1.1	
EPD-WA-03-030623	TO-15	FREON 113	0.36 J		0.077	0.92	UG/M3	0.36 J	
EPD-WA-03-030623	TO-15	HEPTANE	2.4 U		0.19	2.4	UG/M3	2.4 U	
EPD-WA-03-030623	TO-15	HEXA-CHLOROBUTADIENE	6.4 U		0.32	6.4	UG/M3	6.4 U	
EPD-WA-03-030623	TO-15	HEXANE	0.23 J		0.14	2.1	UG/M3	0.23 J	
EPD-WA-03-030623	TO-15	METHYLENE CHLORIDE	0.34 J		0.12	0.83	UG/M3	0.83 U	
EPD-WA-03-030623	TO-15	PROPYLBENZENE	0.59 U		0.066	0.59	UG/M3	0.59 U	
EPD-WA-03-030623	TO-15	STYRENE	0.51 U		0.078	0.51	UG/M3	0.51 U	
EPD-WA-03-030623	TO-15	TETRAHYDROFURAN	1.8 U		0.17	1.8	UG/M3	1.8 U	
EPD-WA-03-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.54 U		0.082	0.54	UG/M3	0.54 U	
EPD-WA-03-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.13 U		0.0058	0.13	UG/M3	0.13 U	
EPD-WA-03-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-03-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.13 U		0.0075	0.13	UG/M3	0.13 U	
EPD-WA-03-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.097 U		0.005	0.097	UG/M3	0.097 U	
EPD-WA-03-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.048 U		0.01	0.048	UG/M3	0.048 U	
EPD-WA-03-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.18 U		0.016	0.18	UG/M3	0.18 U	
EPD-WA-03-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.058 J		0.008	0.097	UG/M3	0.058 J	
EPD-WA-03-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.14 U		0.064	0.14	UG/M3	0.14 U	
EPD-WA-03-030623	TO-15 SIM	BENZENE	0.57		0.064	0.19	UG/M3	0.57	
EPD-WA-03-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.39		0.02	0.15	UG/M3	0.39	
EPD-WA-03-030623	TO-15 SIM	CHLOROETHANE	0.16 U		0.011	0.16	UG/M3	0.16 U	
EPD-WA-03-030623	TO-15 SIM	CHLOROFORM	0.06 J		0.0093	0.12	UG/M3	0.06 J	
EPD-WA-03-030623	TO-15 SIM	CHLOROMETHANE	0.63 J		0.0076	1.2	UG/M3	0.63 J	
EPD-WA-03-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.095 U		0.0082	0.095	UG/M3	0.095 U	
EPD-WA-03-030623	TO-15 SIM	ETHYL BENZENE	0.065 J		0.016	0.1	UG/M3	0.1 U	
EPD-WA-03-030623	TO-15 SIM	FREON 114	0.085 J		0.0069	0.17	UG/M3	0.085 J	
EPD-WA-03-030623	TO-15 SIM	FREON 12	2.1		0.0049	0.3	UG/M3	2.1	
EPD-WA-03-030623	TO-15 SIM	M,P-XYLENE	0.18 J		0.047	0.21	UG/M3	0.18 J	
EPD-WA-03-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.43 U		0.0043	0.43	UG/M3	0.43 U	
EPD-WA-03-030623	TO-15 SIM	NAPHTHALENE	0.31 U		0.039	0.31	UG/M3	0.31 U	
EPD-WA-03-030623	TO-15 SIM	O-XYLENE	0.076 J		0.025	0.1	UG/M3	0.076 J	
EPD-WA-03-030623	TO-15 SIM	TETRACHLOROETHENE	0.058 J		0.0063	0.16	UG/M3	0.16 U	
EPD-WA-03-030623	TO-15 SIM	TOLUENE	0.61		0.03	0.23	UG/M3	0.61	
EPD-WA-03-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.48 U		0.0083	0.48	UG/M3	0.48 U	
EPD-WA-03-030623	TO-15 SIM	TRICHLOROETHENE	0.13 U		0.0092	0.13	UG/M3	0.13 U	
EPD-WA-03-030623	TO-15 SIM	VINYL CHLORIDE	2		0.0043	0.031	UG/M3	2	
EPD-WA-04-030623	TO-15	.ALPHA.-PINENE	1.7 NJ			UG/M3		1.7 NJ	
EPD-WA-04-030623	TO-15	.BETA.-PINENE	1.1 NJ			UG/M3		1.1 NJ	
EPD-WA-04-030623	TO-15	1,2,4-TRICHLOROBENZENE	4.7 U		0.57	4.7	UG/M3	4.7 U	
EPD-WA-04-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.19 J		0.091	0.62	UG/M3	0.19 J	
EPD-WA-04-030623	TO-15	1,2-DICHLOROBENZENE	0.76 U		0.16	0.76	UG/M3	0.76 U	
EPD-WA-04-030623	TO-15	1,2-DICHLOROPROPANE	0.59 U		0.11	0.59	UG/M3	0.59 U	
EPD-WA-04-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.62 U		0.11	0.62	UG/M3	0.62 U	
EPD-WA-04-030623	TO-15	1,3-BUTADIENE	0.28 U		0.048	0.28	UG/M3	0.28 U	
EPD-WA-04-030623	TO-15	1,3-DICHLOROBENZENE	0.76 U		0.09	0.76	UG/M3	0.76 U	
EPD-WA-04-030623	TO-15	1,4-DIOXANE	0.46 U		0.11	0.46	UG/M3	0.46 U	
EPD-WA-04-030623	TO-15	2,2,4-TRIMETHYLPENTANE	3 U		0.27	3	UG/M3	3 U	
EPD-WA-04-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.47 J		0.17	1.9	UG/M3	0.47 J	
EPD-WA-04-030623	TO-15	2-HEXANONE	2.6 U		0.14	2.6	UG/M3	2.6 U	
EPD-WA-04-030623	TO-15	2-PROPANOL	6.2 U		3.4	6.2	UG/M3	6.2 U	
EPD-WA-04-030623	TO-15	3-CHLOROPROPENE	2 U		0.18	2	UG/M3	2 U	
EPD-WA-04-030623	TO-15	4-ETHYLTOLUENE	0.09 J		0.081	0.62	UG/M3	0.09 J	

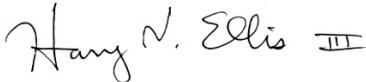
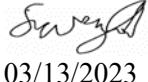
E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303113

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-WA-04-030623	TO-15	4-METHYL-2-PENTANONE	0.52 U		0.1	0.52	UG/M3	0.52 U	
EPD-WA-04-030623	TO-15	ACETONE	4.3 J		4.2	6	UG/M3	4.3 J	
EPD-WA-04-030623	TO-15	ALPHA-CHLOROTOLUENE	0.66 U		0.077	0.66	UG/M3	0.66 U	
EPD-WA-04-030623	TO-15	BROMODICHLOROMETHANE	0.85 U		0.073	0.85	UG/M3	0.85 U	
EPD-WA-04-030623	TO-15	BROMOFORM	1.3 U		0.31	1.3	UG/M3	1.3 U	
EPD-WA-04-030623	TO-15	BROMOMETHANE	25 U		0.3	25	UG/M3	25 U	
EPD-WA-04-030623	TO-15	CARBON DISULFIDE	2 U		0.21	2	UG/M3	2 U	
EPD-WA-04-030623	TO-15	CHLOROBENZENE	0.58 U		0.054	0.58	UG/M3	0.58 U	
EPD-WA-04-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.58 U		0.095	0.58	UG/M3	0.58 U	
EPD-WA-04-030623	TO-15	CUMENE	0.2 J		0.083	0.62	UG/M3	0.2 J	
EPD-WA-04-030623	TO-15	CYCLOHEXANE	2.2 U		0.088	2.2	UG/M3	2.2 U	
EPD-WA-04-030623	TO-15	DIBROMOCHLOROMETHANE	1.1 U		0.13	1.1	UG/M3	1.1 U	
EPD-WA-04-030623	TO-15	ETHANOL	3.2 J		2.5	4.8	UG/M3	3.2 J	
EPD-WA-04-030623	TO-15	FREON 11	1.4		0.09	0.71	UG/M3	1.4	
EPD-WA-04-030623	TO-15	FREON 113	0.45 J		0.082	0.97	UG/M3	0.45 J	
EPD-WA-04-030623	TO-15	HEPTANE	2.6 U		0.2	2.6	UG/M3	2.6 U	
EPD-WA-04-030623	TO-15	HEXACHLOROBUTADIENE	6.8 U		0.33	6.8	UG/M3	6.8 U	
EPD-WA-04-030623	TO-15	HEXANE	0.22 J		0.15	2.2	UG/M3	0.22 J	
EPD-WA-04-030623	TO-15	METHYLENE CHLORIDE	0.44 J		0.13	0.88	UG/M3	0.88 U	
EPD-WA-04-030623	TO-15	PROPYLBENZENE	0.62 U		0.07	0.62	UG/M3	0.62 U	
EPD-WA-04-030623	TO-15	STYRENE	0.54 U		0.082	0.54	UG/M3	0.54 U	
EPD-WA-04-030623	TO-15	TETRAHYDROFURAN	1.9 U		0.18	1.9	UG/M3	1.9 U	
EPD-WA-04-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.58 U		0.087	0.58	UG/M3	0.58 U	
EPD-WA-04-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14 U		0.0061	0.14	UG/M3	0.14 U	
EPD-WA-04-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17 U		0.013	0.17	UG/M3	0.17 U	
EPD-WA-04-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14 U		0.008	0.14	UG/M3	0.14 U	
EPD-WA-04-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.1 U		0.0052	0.1	UG/M3	0.1 U	
EPD-WA-04-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.05 U		0.011	0.05	UG/M3	0.05 U	
EPD-WA-04-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.2 U		0.016	0.2	UG/M3	0.2 U	
EPD-WA-04-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.081 J		0.0085	0.1	UG/M3	0.081 J	
EPD-WA-04-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.15 U		0.067	0.15	UG/M3	0.15 U	
EPD-WA-04-030623	TO-15 SIM	BENZENE	0.58		0.067	0.2	UG/M3	0.58	
EPD-WA-04-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.5		0.021	0.16	UG/M3	0.5	
EPD-WA-04-030623	TO-15 SIM	CHLOROETHANE	0.17 U		0.012	0.17	UG/M3	0.17 U	
EPD-WA-04-030623	TO-15 SIM	CHLOROFORM	0.073 J		0.0099	0.12	UG/M3	0.073 J	
EPD-WA-04-030623	TO-15 SIM	CHLOROMETHANE	0.8 J		0.0081	1.3	UG/M3	0.8 J	
EPD-WA-04-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.1 U		0.0087	0.1	UG/M3	0.1 U	
EPD-WA-04-030623	TO-15 SIM	ETHYL BENZENE	0.07 J		0.017	0.11	UG/M3	0.11 U	
EPD-WA-04-030623	TO-15 SIM	FREON 114	0.11 J		0.0073	0.18	UG/M3	0.11 J	
EPD-WA-04-030623	TO-15 SIM	FREON 12	2.6		0.0052	0.31	UG/M3	2.6	
EPD-WA-04-030623	TO-15 SIM	M,P-XYLENE	0.2 J		0.049	0.22	UG/M3	0.2 J	
EPD-WA-04-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.46 U		0.0046	0.46	UG/M3	0.46 U	
EPD-WA-04-030623	TO-15 SIM	NAPHTHALENE	0.33 U		0.041	0.33	UG/M3	0.33 U	
EPD-WA-04-030623	TO-15 SIM	O-XYLENE	0.084 J		0.026	0.11	UG/M3	0.084 J	
EPD-WA-04-030623	TO-15 SIM	TETRACHLOROETHENE	0.1 J		0.0067	0.17	UG/M3	0.17 U	
EPD-WA-04-030623	TO-15 SIM	TOLUENE	0.81		0.032	0.24	UG/M3	0.81	
EPD-WA-04-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.5 U		0.0088	0.5	UG/M3	0.5 U	
EPD-WA-04-030623	TO-15 SIM	TRICHLOROETHENE	0.14 U		0.0098	0.14	UG/M3	0.14 U	
EPD-WA-04-030623	TO-15 SIM	VINYL CHLORIDE	0.5		0.0045	0.032	UG/M3	0.5	
EPD-WA-05-030623	TO-15	1,2,4-TRICHLOROBENZENE	4.6 U		0.55	4.6	UG/M3	4.6 U	
EPD-WA-05-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.21 J		0.088	0.6	UG/M3	0.21 J	
EPD-WA-05-030623	TO-15	1,2-DICHLOROBENZENE	0.74 U		0.15	0.74	UG/M3	0.74 U	
EPD-WA-05-030623	TO-15	1,2-DICHLOROPROPANE	0.57 U		0.11	0.57	UG/M3	0.57 U	
EPD-WA-05-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.6 U		0.11	0.6	UG/M3	0.6 U	
EPD-WA-05-030623	TO-15	1,3-BUTADIENE	0.1 J		0.047	0.27	UG/M3	0.1 J	
EPD-WA-05-030623	TO-15	1,3-DICHLOROBENZENE	0.74 U		0.087	0.74	UG/M3	0.74 U	
EPD-WA-05-030623	TO-15	1,4-DIOXANE	0.44 U		0.11	0.44	UG/M3	0.44 U	
EPD-WA-05-030623	TO-15	2,2,4-TRIMETHYLPTANE	0.55 J		0.26	2.9	UG/M3	0.55 J	
EPD-WA-05-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.5 J		0.16	1.8	UG/M3	0.5 J	
EPD-WA-05-030623	TO-15	2-HEXANONE	2.5 U		0.13	2.5	UG/M3	2.5 U	
EPD-WA-05-030623	TO-15	2-PROPANOL	6 U		3.3	6	UG/M3	6 U	
EPD-WA-05-030623	TO-15	3-CHLOROPROPENE	1.9 U		0.18	1.9	UG/M3	1.9 U	
EPD-WA-05-030623	TO-15	4-ETHYLTOLUENE	0.21 J		0.078	0.6	UG/M3	0.21 J	
EPD-WA-05-030623	TO-15	4-METHYL-2-PENTANONE	0.5 U		0.097	0.5	UG/M3	0.5 U	
EPD-WA-05-030623	TO-15	ACETONE	4.4 J		4	5.8	UG/M3	4.4 J	
EPD-WA-05-030623	TO-15	ALPHA-CHLOROTOLUENE	0.64 U		0.074	0.64	UG/M3	0.64 U	
EPD-WA-05-030623	TO-15	BROMODICHLOROMETHANE	0.82 U		0.071	0.82	UG/M3	0.82 U	
EPD-WA-05-030623	TO-15	BROMOFORM	1.3 U		0.3	1.3	UG/M3	1.3 U	
EPD-WA-05-030623	TO-15	BROMOMETHANE	24 U		0.29	24	UG/M3	24 U	
EPD-WA-05-030623	TO-15	CARBON DISULFIDE	1.9 U		0.2	1.9	UG/M3	1.9 U	
EPD-WA-05-030623	TO-15	CHLOROBENZENE	0.57 U		0.052	0.57	UG/M3	0.57 U	
EPD-WA-05-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.56 U		0.092	0.56	UG/M3	0.56 U	
EPD-WA-05-030623	TO-15	CUMENE	0.6 U		0.081	0.6	UG/M3	0.6 U	
EPD-WA-05-030623	TO-15	CYCLOHEXANE	0.11 J		0.085	2.1	UG/M3	0.11 J	
EPD-WA-05-030623	TO-15	DIBROMOCHLOROMETHANE	1 U		0.13	1	UG/M3	1 U	
EPD-WA-05-030623	TO-15	ETHANOL	6.3		2.4	4.6	UG/M3	6.3	
EPD-WA-05-030623	TO-15	FREON 11	1.4		0.087	0.69	UG/M3	1.4	
EPD-WA-05-030623	TO-15	FREON 113	0.49 J		0.079	0.94	UG/M3	0.49 J	
EPD-WA-05-030623	TO-15	HEPTANE	0.34 J		0.2	2.5	UG/M3	0.34 J	
EPD-WA-05-030623	TO-15	HEXACHLOROBUTADIENE	6.6 U		0.32	6.6	UG/M3	6.6 U	
EPD-WA-05-030623	TO-15	HEXANE	0.68 J		0.15	2.2	UG/M3	0.68 J	
EPD-WA-05-030623	TO-15	METHYLENE CHLORIDE	0.5 J		0.13	0.85	UG/M3	0.85 U	
EPD-WA-05-030623	TO-15	PROPYLBENZENE	0.6 U		0.068	0.6	UG/M3	0.6 U	
EPD-WA-05-030623	TO-15	STYRENE	0.52 U		0.08	0.52	UG/M3	0.52 U	
EPD-WA-05-030623	TO-15	TETRAHYDROFURAN	1.8 U		0.18	1.8	UG/M3	1.8 U	
EPD-WA-05-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.56 U		0.084	0.56	UG/M3	0.56 U	
EPD-WA-05-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.13 U		0.0059	0.13	UG/M3	0.13 U	
EPD-WA-05-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17 U		0.012	0.17	UG/M3	0.17 U	
EPD-WA-05-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.13 U		0.0077	0.13	UG/M3	0.13 U	
EPD-WA-05-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.1 U		0.0051	0.1	UG/M3	0.1 U	
EPD-WA-05-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.049 U		0.01	0.049	UG/M3	0.049 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2303113

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-WA-05-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.19 U		0.016	0.19	UG/M3	0.19 U	
EPD-WA-05-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.08 J		0.0082	0.1	UG/M3	0.08 J	
EPD-WA-05-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.15 U		0.065	0.15	UG/M3	0.15 U	
EPD-WA-05-030623	TO-15 SIM	BENZENE	0.91		0.065	0.2	UG/M3	0.91	
EPD-WA-05-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.49		0.02	0.15	UG/M3	0.49	
EPD-WA-05-030623	TO-15 SIM	CHLOROETHANE	0.16 U		0.011	0.16	UG/M3	0.16 U	
EPD-WA-05-030623	TO-15 SIM	CHLOROFORM	0.081 J		0.0095	0.12	UG/M3	0.081 J	
EPD-WA-05-030623	TO-15 SIM	CHLORMETHANE	0.78 J		0.0078	1.3	UG/M3	0.78 J	
EPD-WA-05-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.098 U		0.0084	0.098	UG/M3	0.098 U	
EPD-WA-05-030623	TO-15 SIM	ETHYL BENZENE	0.2		0.017	0.11	UG/M3	0.2	
EPD-WA-05-030623	TO-15 SIM	FREON 114	0.11 J		0.007	0.17	UG/M3	0.11 J	
EPD-WA-05-030623	TO-15 SIM	FREON 12	2.6		0.005	0.3	UG/M3	2.6	
EPD-WA-05-030623	TO-15 SIM	M,P-XYLENE	0.68		0.048	0.21	UG/M3	0.68	
EPD-WA-05-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.44 U		0.0044	0.44	UG/M3	0.44 U	
EPD-WA-05-030623	TO-15 SIM	NAPHTHALENE	0.32 U		0.04	0.32	UG/M3	0.32 U	
EPD-WA-05-030623	TO-15 SIM	O-XYLENE	0.26		0.026	0.11	UG/M3	0.26	
EPD-WA-05-030623	TO-15 SIM	TETRACHLOROETHENE	0.052 J		0.0065	0.17	UG/M3	0.17 U	
EPD-WA-05-030623	TO-15 SIM	TOLUENE	1.5		0.031	0.23	UG/M3	1.5	
EPD-WA-05-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.49 U		0.0085	0.49	UG/M3	0.49 U	
EPD-WA-05-030623	TO-15 SIM	TRICHLOROETHENE	0.014 J		0.0094	0.13	UG/M3	0.014 J	
EPD-WA-05-030623	TO-15 SIM	VINYL CHLORIDE	0.72		0.0044	0.031	UG/M3	0.72	
EPD-WA-06-030623	TO-15	1,2,4-TRICHLOROBENZENE	4.6 U		0.55	4.6	UG/M3	4.6 U	
EPD-WA-06-030623	TO-15	1,2,4-TRIMETHYLBENZENE	0.21 J		0.088	0.6	UG/M3	0.21 J	
EPD-WA-06-030623	TO-15	1,2-DICHLOROBENZENE	0.74 U		0.15	0.74	UG/M3	0.74 U	
EPD-WA-06-030623	TO-15	1,2-DICHLOROPROPANE	0.57 U		0.11	0.57	UG/M3	0.57 U	
EPD-WA-06-030623	TO-15	1,3,5-TRIMETHYLBENZENE	0.6 U		0.11	0.6	UG/M3	0.6 U	
EPD-WA-06-030623	TO-15	1,3-BUTADIENE	0.15 J		0.047	0.27	UG/M3	0.15 J	
EPD-WA-06-030623	TO-15	1,3-DICHLOROBENZENE	0.74 U		0.087	0.74	UG/M3	0.74 U	
EPD-WA-06-030623	TO-15	1,4-DIOXANE	0.44 U		0.11	0.44	UG/M3	0.44 U	
EPD-WA-06-030623	TO-15	2,2,4-TRIMETHYLPENTANE	0.39 J		0.26	2.9	UG/M3	0.39 J	
EPD-WA-06-030623	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.64 J		0.16	1.8	UG/M3	0.64 J	
EPD-WA-06-030623	TO-15	2-HEXANONE	2.5 U		0.13	2.5	UG/M3	2.5 U	
EPD-WA-06-030623	TO-15	2-PROPANOL	6 U		3.3	6	UG/M3	6 U	
EPD-WA-06-030623	TO-15	2-PROPOENOIC ACID, BUTYL ESTER	4.2 NJ			UG/M3		4.2 NJ	
EPD-WA-06-030623	TO-15	3-CHLOROPROPENE	1.9 U		0.18	1.9	UG/M3	1.9 U	
EPD-WA-06-030623	TO-15	4-ETHYLTOLUENE	0.2 J		0.078	0.6	UG/M3	0.2 J	
EPD-WA-06-030623	TO-15	4-METHYL-2-PENTANONE	0.5 U		0.097	0.5	UG/M3	0.5 U	
EPD-WA-06-030623	TO-15	ACETONE	5.8 U		4	5.8	UG/M3	5.8 U	
EPD-WA-06-030623	TO-15	ALPHA-CHLOROTOLUENE	0.64 U		0.074	0.64	UG/M3	0.64 U	
EPD-WA-06-030623	TO-15	BROMODICHLOROMETHANE	0.82 U		0.071	0.82	UG/M3	0.82 U	
EPD-WA-06-030623	TO-15	BROMOFORM	1.3 U		0.3	1.3	UG/M3	1.3 U	
EPD-WA-06-030623	TO-15	BROMOMETHANE	24 U		0.29	24	UG/M3	24 U	
EPD-WA-06-030623	TO-15	CARBON DISULFIDE	1.9 U		0.2	1.9	UG/M3	1.9 U	
EPD-WA-06-030623	TO-15	CHLOROBENZENE	0.57 U		0.052	0.57	UG/M3	0.57 U	
EPD-WA-06-030623	TO-15	CIS-1,3-DICHLOROPROPENE	0.56 U		0.092	0.56	UG/M3	0.56 U	
EPD-WA-06-030623	TO-15	CUMENE	0.6 U		0.081	0.6	UG/M3	0.6 U	
EPD-WA-06-030623	TO-15	CYCLOHEXANE	2.1 U		0.085	2.1	UG/M3	2.1 U	
EPD-WA-06-030623	TO-15	DIBROMOCHLOROMETHANE	1 U		0.13	1	UG/M3	1 U	
EPD-WA-06-030623	TO-15	ETHANOL	13		2.4	4.6	UG/M3	13	
EPD-WA-06-030623	TO-15	FREON 113	1.4		0.087	0.69	UG/M3	1.4	
EPD-WA-06-030623	TO-15	FREON 113	0.49 J		0.079	0.94	UG/M3	0.49 J	
EPD-WA-06-030623	TO-15	HEPTANE	0.28 J		0.2	2.5	UG/M3	0.28 J	
EPD-WA-06-030623	TO-15	HEXACHLOROBUTADIENE	6.6 U		0.32	6.6	UG/M3	6.6 U	
EPD-WA-06-030623	TO-15	HEXANE	0.58 J		0.15	2.2	UG/M3	0.58 J	
EPD-WA-06-030623	TO-15	METHYLENE CHLORIDE	0.44 J		0.13	0.85	UG/M3	0.85 U	
EPD-WA-06-030623	TO-15	PROPYLBENZENE	0.6 U		0.068	0.6	UG/M3	0.6 U	
EPD-WA-06-030623	TO-15	STYRENE	0.52 U		0.08	0.52	UG/M3	0.52 U	
EPD-WA-06-030623	TO-15	TETRAHYDROFURAN	0.25 J		0.18	1.8	UG/M3	0.25 J	
EPD-WA-06-030623	TO-15	TRANS-1,3-DICHLOROPROPENE	0.56 U		0.084	0.56	UG/M3	0.56 U	
EPD-WA-06-030623	TO-15	UNKNOWN TIC	1.2 J			UG/M3		1.2 J	
EPD-WA-06-030623	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.13 U		0.0059	0.13	UG/M3	0.13 U	
EPD-WA-06-030623	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17 U		0.012	0.17	UG/M3	0.17 U	
EPD-WA-06-030623	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.13 U		0.0077	0.13	UG/M3	0.13 U	
EPD-WA-06-030623	TO-15 SIM	1,1-DICHLOROETHANE	0.1 U		0.0051	0.1	UG/M3	0.1 U	
EPD-WA-06-030623	TO-15 SIM	1,1-DICHLOROETHENE	0.049 U		0.01	0.049	UG/M3	0.049 U	
EPD-WA-06-030623	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.19 U		0.016	0.19	UG/M3	0.19 U	
EPD-WA-06-030623	TO-15 SIM	1,2-DICHLOROETHANE	0.077 J		0.0082	0.1	UG/M3	0.077 J	
EPD-WA-06-030623	TO-15 SIM	1,4-DICHLOROBENZENE	0.15 U		0.065	0.15	UG/M3	0.15 U	
EPD-WA-06-030623	TO-15 SIM	BENZENE	1.3		0.065	0.2	UG/M3	1.3	
EPD-WA-06-030623	TO-15 SIM	CARBON TETRACHLORIDE	0.48		0.02	0.15	UG/M3	0.48	
EPD-WA-06-030623	TO-15 SIM	CHLOROETHANE	0.027 J		0.011	0.16	UG/M3	0.027 J	
EPD-WA-06-030623	TO-15 SIM	CHLOROFORM	0.079 J		0.0095	0.12	UG/M3	0.079 J	
EPD-WA-06-030623	TO-15 SIM	CHLOROMETHANE	0.8 J		0.0078	1.3	UG/M3	0.8 J	
EPD-WA-06-030623	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.098 U		0.0084	0.098	UG/M3	0.098 U	
EPD-WA-06-030623	TO-15 SIM	ETHYL BENZENE	0.18		0.017	0.11	UG/M3	0.18	
EPD-WA-06-030623	TO-15 SIM	FREON 114	0.11 J		0.007	0.17	UG/M3	0.11 J	
EPD-WA-06-030623	TO-15 SIM	FREON 12	2.6		0.005	0.3	UG/M3	2.6	
EPD-WA-06-030623	TO-15 SIM	M,P-XYLENE	0.56		0.048	0.21	UG/M3	0.56	
EPD-WA-06-030623	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.44 U		0.0044	0.44	UG/M3	0.44 U	
EPD-WA-06-030623	TO-15 SIM	NAPHTHALENE	0.1 J		0.04	0.32	UG/M3	0.1 J	
EPD-WA-06-030623	TO-15 SIM	O-XYLENE	0.27		0.026	0.11	UG/M3	0.27	
EPD-WA-06-030623	TO-15 SIM	TETRACHLOROETHENE	0.063 J		0.0065	0.17	UG/M3	0.17 U	
EPD-WA-06-030623	TO-15 SIM	TOLUENE	1.4		0.031	0.23	UG/M3	1.4	
EPD-WA-06-030623	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.49 U		0.0085	0.49	UG/M3	0.49 U	
EPD-WA-06-030623	TO-15 SIM	TRICHLOROETHENE	0.13 U		0.0094	0.13	UG/M3	0.13 U	
EPD-WA-06-030623	TO-15 SIM	VINYL CHLORIDE	3.4		0.0044	0.031	UG/M3	3.4	

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

Site Name	E Palestine Site - ER		TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1695c		Technical Reviewer (signature and date)	 Harry N. Ellis III 14 March 2023
Data Reviewer (signature and date)	 March 11, 2023	 03/13/2023	Laboratory	ALS Environmental, Simi Valley, CA
Laboratory Report No.	P2301023		Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes
Samples and Matrix	Six air samples including one field duplicate			
Collection Date(s)	03/05/2023			
Field Duplicate Pairs	EPD-WA-01-030523/EPD-WA-11-030523			
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, 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	

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM: The method blank contained toluene. All field sample toluene results are >10X the blank result; therefore, no qualification 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	

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

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	To-15 SIM: 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and o-xylene had high recoveries for the LCS and LCSD. The results for these compounds were qualified as estimated with a possible high bias (flagged J+) for all field samples.

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors were 1.50 for sample EPD-WA-01-030523, 1.76 for sample EPD-WA-11-030523, 1.47 for sample EPD-WA-02-030523, 1.48 for EPD-WA-03-030523, 1.59 for sample EPD-DW-01-030523, and 1.52 for sample EPD-UW-01-030523.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were identified in all samples. The known TICs were qualified as tentatively identified (flagged NJ). Butyl ester 2-propenoic acid (butyl acrylate), 2-ethylhexyl acrylate, and 2-butoxyethanol were reported as not detected and qualified as manually searched for, but not found in the samples (flagged U, NF).

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

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 was not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
ALS ENVIRONMENTAL REPORT NO. P2301023

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-01-030523	TO-15	2-Butoxyethanol	0 U,NF		UG/M3		0 U,NF		
EPD-DW-01-030523	TO-15	2-Ethylhexyl Acrylate	0 U,NF		UG/M3		0 U,NF		
EPD-DW-01-030523	TO-15	Acetone	4.9 T		UG/M3		4.9 NJ		
EPD-DW-01-030523	TO-15	BUTYL ESTER-2-PROPENOIC ACID	3.1 T		UG/M3		3.1 NJ		
EPD-DW-01-030523	TO-15	Ethyl Acetate	9.7 T		UG/M3		9.7 NJ		
EPD-DW-01-030523	TO-15	Propane	3.4 T		UG/M3		3.4 NJ		
EPD-DW-01-030523	TO-15 SIM	1,1,1-Trichloroethane	0.04 U	0.014	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.04 U	0.014	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,1,2-Trichloroethane	0.16 U	0.0094	0.16	UG/M3	0.16	U	
EPD-DW-01-030523	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.44	0.013	0.04	UG/M3	0.44		
EPD-DW-01-030523	TO-15 SIM	1,1-Dichloroethane	0.04 U	0.013	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,1-Dichloroethene	0.04 U	0.014	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,2,4-Trichlorobenzene	0.08 U	0.032	0.08	UG/M3	0.08	U	
EPD-DW-01-030523	TO-15 SIM	1,2,4-Trimethylbenzene	0.12 J	0.025	0.16	UG/M3	0.12 J+		
EPD-DW-01-030523	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.16 U	0.022	0.16	UG/M3	0.16	U	
EPD-DW-01-030523	TO-15 SIM	1,2-Dibromoethane	0.04 U	0.011	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,2-Dichlorobenzene	0.04 U	0.029	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,2-Dichloroethane	0.057	0.013	0.04	UG/M3	0.057		
EPD-DW-01-030523	TO-15 SIM	1,2-Dichloropropane	0.014 J	0.0097	0.04	UG/M3	0.014 J		
EPD-DW-01-030523	TO-15 SIM	1,3,5-Trimethylbenzene	0.026 J	0.022	0.16	UG/M3	0.026 J+		
EPD-DW-01-030523	TO-15 SIM	1,3-Butadiene	0.056 J	0.013	0.08	UG/M3	0.056 J		
EPD-DW-01-030523	TO-15 SIM	1,3-Dichlorobenzene	0.04 U	0.027	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,4-Dichlorobenzene	0.04 U	0.032	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	1,4-Dioxane	0.16 U	0.014	0.16	UG/M3	0.16	U	
EPD-DW-01-030523	TO-15 SIM	Acetone	3.5 J	0.37	4	UG/M3	3.5 J		
EPD-DW-01-030523	TO-15 SIM	Acrolein	0.14 J	0.056	0.32	UG/M3	0.14 J		
EPD-DW-01-030523	TO-15 SIM	Benzene	0.75	0.024	0.12	UG/M3	0.75		
EPD-DW-01-030523	TO-15 SIM	Bromodichloromethane	0.04 U	0.0092	0.04	UG/M3	0.04	U	
EPD-DW-01-030523	TO-15 SIM	Bromomethane	0.023 J	0.011	0.04	UG/M3	0.023 J		
EPD-DW-01-030523	TO-15 SIM	Carbon Tetrachloride	0.39	0.011	0.04	UG/M3	0.39		
EPD-DW-01-030523	TO-15 SIM	Chlorobenzene	0.16 U	0.015	0.16	UG/M3	0.16	U	
EPD-DW-01-030523	TO-15 SIM	Chloroethane	0.014 J	0.012	0.04	UG/M3	0.014 J		
EPD-DW-01-030523	TO-15 SIM	Chloroform	0.062 J	0.013	0.16	UG/M3	0.062 J		
EPD-DW-01-030523	TO-15 SIM	Chloromethane	0.19	0.041	0.08	UG/M3	0.19		
EPD-DW-01-030523	TO-15 SIM	cis-1,2-Dichloroethene	0.04 U	0.011	0.04	UG/M3	0.04 U		
EPD-DW-01-030523	TO-15 SIM	cis-1,3-Dichloropropene	0.08 U	0.011	0.08	UG/M3	0.08 U		
EPD-DW-01-030523	TO-15 SIM	Dibromochloromethane	0.04 U	0.01	0.04	UG/M3	0.04 U		
EPD-DW-01-030523	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.2	0.014	0.08	UG/M3	2.2		
EPD-DW-01-030523	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.3	0.012	0.16	UG/M3	0.3		
EPD-DW-01-030523	TO-15 SIM	Ethylbenzene	0.087 J	0.019	0.16	UG/M3	0.087 J		
EPD-DW-01-030523	TO-15 SIM	Hexachlorobutadiene	0.16 U	0.021	0.16	UG/M3	0.16 U		
EPD-DW-01-030523	TO-15 SIM	m,p-Xylenes	0.29	0.038	0.16	UG/M3	0.29		
EPD-DW-01-030523	TO-15 SIM	Methyl tert-Butyl Ether	0.04 U	0.019	0.04	UG/M3	0.04 U		
EPD-DW-01-030523	TO-15 SIM	Naphthalene	0.077 J	0.035	0.16	UG/M3	0.077 J		
EPD-DW-01-030523	TO-15 SIM	o-Xylene	0.12 J	0.021	0.16	UG/M3	0.12 J+		
EPD-DW-01-030523	TO-15 SIM	Styrene	0.084 J	0.019	0.16	UG/M3	0.084 J		
EPD-DW-01-030523	TO-15 SIM	Tetrachloroethene	0.098	0.014	0.04	UG/M3	0.098		
EPD-DW-01-030523	TO-15 SIM	Toluene	1.7 B	0.019	0.16	UG/M3	1.7		
EPD-DW-01-030523	TO-15 SIM	trans-1,2-Dichloroethene	0.04 U	0.017	0.04	UG/M3	0.04 U		
EPD-DW-01-030523	TO-15 SIM	trans-1,3-Dichloropropene	0.08 U	0.0076	0.08	UG/M3	0.08 U		
EPD-DW-01-030523	TO-15 SIM	Trichloroethene	0.024 J	0.012	0.04	UG/M3	0.024 J		
EPD-DW-01-030523	TO-15 SIM	Trichlorofluoromethane	1.1	0.013	0.08	UG/M3	1.1		
EPD-DW-01-030523	TO-15 SIM	Vinyl Chloride	0.24	0.019	0.04	UG/M3	0.24		
EPD-UW-01-030523	TO-15	2-Butoxyethanol	0 U,NF		UG/M3		0 U,NF		
EPD-UW-01-030523	TO-15	2-Ethylhexyl Acrylate	0 U,NF		UG/M3		0 U,NF		
EPD-UW-01-030523	TO-15	2-Methylbutane	7.7 T		UG/M3		7.7 NJ		
EPD-UW-01-030523	TO-15	2-Methylpropane	4.8 T		UG/M3		4.8 NJ		
EPD-UW-01-030523	TO-15	BUTYL ESTER-2-PROPENOIC ACID	0 U,NF		UG/M3		0 U,NF		
EPD-UW-01-030523	TO-15	Ethyl Acetate	17 T		UG/M3		17 NJ		
EPD-UW-01-030523	TO-15	Hexamethylcyclotrisiloxane	5.8 T		UG/M3		5.8 NJ		
EPD-UW-01-030523	TO-15	n-Butane	5.7 T		UG/M3		5.7 NJ		
EPD-UW-01-030523	TO-15	Propane	5.6 T		UG/M3		5.6 NJ		
EPD-UW-01-030523	TO-15 SIM	1,1,1-Trichloroethane	0.038 U	0.014	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.038 U	0.013	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,1,2-Trichloroethane	0.15 U	0.009	0.15	UG/M3	0.15 U		
EPD-UW-01-030523	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.46	0.012	0.038	UG/M3	0.46		
EPD-UW-01-030523	TO-15 SIM	1,1-Dichloroethane	0.038 U	0.012	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,1-Dichlorobenzene	0.038 U	0.013	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,2,4-Trichlorobenzene	0.076 U	0.03	0.076	UG/M3	0.076 U		
EPD-UW-01-030523	TO-15 SIM	1,2,4-Trimethylbenzene	0.29	0.024	0.15	UG/M3	0.29 J+		
EPD-UW-01-030523	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.15 U	0.021	0.15	UG/M3	0.15 U		
EPD-UW-01-030523	TO-15 SIM	1,2-Dibromoethane	0.038 U	0.01	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,2-Dichlorobenzene	0.038 U	0.027	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,2-Dichloroethane	0.062	0.013	0.038	UG/M3	0.062		
EPD-UW-01-030523	TO-15 SIM	1,2-Dichloropropane	0.014 J	0.0093	0.038	UG/M3	0.014 J		
EPD-UW-01-030523	TO-15 SIM	1,3,5-Trimethylbenzene	0.07 J	0.021	0.15	UG/M3	0.07 J+		
EPD-UW-01-030523	TO-15 SIM	1,3-Butadiene	0.13	0.012	0.076	UG/M3	0.13		
EPD-UW-01-030523	TO-15 SIM	1,3-Dichlorobenzene	0.038 U	0.026	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,4-Dichlorobenzene	0.038 U	0.03	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	1,4-Dioxane	0.15 U	0.013	0.15	UG/M3	0.15 U		
EPD-UW-01-030523	TO-15 SIM	Acetone	3.7 J	0.35	3.8	UG/M3	3.7 J		
EPD-UW-01-030523	TO-15 SIM	Acrolein	0.26 J	0.053	0.3	UG/M3	0.26 J		
EPD-UW-01-030523	TO-15 SIM	Benzene	1.3	0.023	0.11	UG/M3	1.3		
EPD-UW-01-030523	TO-15 SIM	Bromodichloromethane	0.038 U	0.0088	0.038	UG/M3	0.038 U		
EPD-UW-01-030523	TO-15 SIM	Bromomethane	0.024 J	0.01	0.038	UG/M3	0.024 J		
EPD-UW-01-030523	TO-15 SIM	Carbon Tetrachloride	0.4	0.011	0.038	UG/M3	0.4		
EPD-UW-01-030523	TO-15 SIM	Chlorobenzene	0.15 U	0.015	0.15	UG/M3	0.15 U		

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
ALS ENVIRONMENTAL REPORT NO. P2301023

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-UW-01-030523	TO-15 SIM	Chloroethane	0.016 J		0.012	0.038	UG/M3	0.016 J	
EPD-UW-01-030523	TO-15 SIM	Chloroform	0.11 J		0.012	0.15	UG/M3	0.11 J	
EPD-UW-01-030523	TO-15 SIM	Chloromethane	0.19		0.04	0.076	UG/M3	0.19	
EPD-UW-01-030523	TO-15 SIM	cis-1,2-Dichloroethene	0.038 U		0.011	0.038	UG/M3	0.038 U	
EPD-UW-01-030523	TO-15 SIM	cis-1,3-Dichloropropene	0.076 U		0.011	0.076	UG/M3	0.076 U	
EPD-UW-01-030523	TO-15 SIM	Dibromochloromethane	0.038 U		0.0097	0.038	UG/M3	0.038 U	
EPD-UW-01-030523	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.013	0.076	UG/M3	2.3	
EPD-UW-01-030523	TO-15 SIM	Dichlormethane (Methylene Chloride)	0.34		0.012	0.15	UG/M3	0.34	
EPD-UW-01-030523	TO-15 SIM	Ethylbenzene	0.2		0.018	0.15	UG/M3	0.2	
EPD-UW-01-030523	TO-15 SIM	Hexachlorobutadiene	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-UW-01-030523	TO-15 SIM	m,p-Xylenes	0.84		0.036	0.15	UG/M3	0.84	
EPD-UW-01-030523	TO-15 SIM	Methyl tert-Butyl Ether	0.038 U		0.018	0.038	UG/M3	0.038 U	
EPD-UW-01-030523	TO-15 SIM	Naphthalene	0.071 J		0.033	0.15	UG/M3	0.071 J	
EPD-UW-01-030523	TO-15 SIM	o-Xylene	0.29		0.02	0.15	UG/M3	0.29 J+	
EPD-UW-01-030523	TO-15 SIM	Styrene	0.093 J		0.018	0.15	UG/M3	0.093 J	
EPD-UW-01-030523	TO-15 SIM	Tetrachloroethene	0.062		0.013	0.038	UG/M3	0.062	
EPD-UW-01-030523	TO-15 SIM	Toluene	2 B		0.018	0.15	UG/M3	2 B	
EPD-UW-01-030523	TO-15 SIM	trans-1,2-Dichloroethene	0.038 U		0.017	0.038	UG/M3	0.038 U	
EPD-UW-01-030523	TO-15 SIM	trans-1,3-Dichloropropene	0.076 U		0.0073	0.076	UG/M3	0.076 U	
EPD-UW-01-030523	TO-15 SIM	Trichloroethene	0.013 J		0.012	0.038	UG/M3	0.013 J	
EPD-UW-01-030523	TO-15 SIM	Trichlorofluoromethane	1.2		0.012	0.076	UG/M3	1.2	
EPD-UW-01-030523	TO-15 SIM	Vinyl Chloride	0.046		0.018	0.038	UG/M3	0.046	
EPD-WA-01-030523	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-01-030523	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-01-030523	TO-15	2-Methylbutane	17 T				UG/M3	17 NJ	
EPD-WA-01-030523	TO-15	2-Methylpentane	4.3 T				UG/M3	4.3 NJ	
EPD-WA-01-030523	TO-15	2-Methylpropane	7.2 T				UG/M3	7.2 NJ	
EPD-WA-01-030523	TO-15	alpha-Pinene	4.8 T				UG/M3	4.8 NJ	
EPD-WA-01-030523	TO-15	Benzene	4.3 T				UG/M3	4.3 NJ	
EPD-WA-01-030523	TO-15	BUTYL ESTER-2-PROPENOIC ACID	25 T				UG/M3	25 NJ	
EPD-WA-01-030523	TO-15	Ethyl Acetate	23 T				UG/M3	23 NJ	
EPD-WA-01-030523	TO-15	n-Butane	20 T				UG/M3	20 NJ	
EPD-WA-01-030523	TO-15	n-Pentane	6.9 T				UG/M3	6.9 NJ	
EPD-WA-01-030523	TO-15	Propane	4.3 T				UG/M3	4.3 NJ	
EPD-WA-01-030523	TO-15	Tetrahydrofuran	2.9 T				UG/M3	2.9 NJ	
EPD-WA-01-030523	TO-15	Toluene	3 T				UG/M3	3 NJ	
EPD-WA-01-030523	TO-15 SIM	1,1,1-Trichloroethane	0.038 U		0.014	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.038 U		0.013	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,1,2-Trichloroethane	0.15 U		0.0089	0.15	UG/M3	0.15 U	
EPD-WA-01-030523	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.44		0.012	0.038	UG/M3	0.44	
EPD-WA-01-030523	TO-15 SIM	1,1-Dichloroethane	0.038 U		0.012	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,1-Dichloroethene	0.038 U		0.013	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,2,4-Trichlorobenzene	0.075 U		0.03	0.075	UG/M3	0.075 U	
EPD-WA-01-030523	TO-15 SIM	1,2,4-Trimethylbenzene	0.77		0.024	0.15	UG/M3	0.77 J+	
EPD-WA-01-030523	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-01-030523	TO-15 SIM	1,2-Dibromoethane	0.038 U		0.01	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,2-Dichlorobenzene	0.038 U		0.027	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,2-Dichloroethane	0.063		0.012	0.038	UG/M3	0.063	
EPD-WA-01-030523	TO-15 SIM	1,2-Dichloropropane	0.014 J		0.0092	0.038	UG/M3	0.014 J	
EPD-WA-01-030523	TO-15 SIM	1,3,5-Trimethylbenzene	0.19		0.021	0.15	UG/M3	0.19 J+	
EPD-WA-01-030523	TO-15 SIM	1,3-Butadiene	0.2		0.012	0.075	UG/M3	0.2	
EPD-WA-01-030523	TO-15 SIM	1,3-Dichlorobenzene	0.038 U		0.026	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,4-Dichlorobenzene	0.038 U		0.03	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	1,4-Dioxane	0.15 U		0.013	0.15	UG/M3	0.15 U	
EPD-WA-01-030523	TO-15 SIM	Acetone	4		0.35	3.8	UG/M3	4	
EPD-WA-01-030523	TO-15 SIM	Acrolein	0.23 J		0.053	0.3	UG/M3	0.23 J	
EPD-WA-01-030523	TO-15 SIM	Benzene	1.9		0.023	0.11	UG/M3	1.9	
EPD-WA-01-030523	TO-15 SIM	Bromodichloromethane	0.038 U		0.0087	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	Bromomethane	0.022 J		0.01	0.038	UG/M3	0.022 J	
EPD-WA-01-030523	TO-15 SIM	Carbon Tetrachloride	0.4		0.011	0.038	UG/M3	0.4	
EPD-WA-01-030523	TO-15 SIM	Chlorobenzene	0.15 U		0.015	0.15	UG/M3	0.15 U	
EPD-WA-01-030523	TO-15 SIM	Chloroethane	0.013 J		0.012	0.038	UG/M3	0.013 J	
EPD-WA-01-030523	TO-15 SIM	Chloroform	0.066 J		0.012	0.15	UG/M3	0.066 J	
EPD-WA-01-030523	TO-15 SIM	Chloromethane	0.26		0.039	0.075	UG/M3	0.26	
EPD-WA-01-030523	TO-15 SIM	cis-1,2-Dichloroethene	0.038 U		0.011	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	cis-1,3-Dichloropropene	0.075 U		0.011	0.075	UG/M3	0.075 U	
EPD-WA-01-030523	TO-15 SIM	Dibromochloromethane	0.038 U		0.0096	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.2		0.013	0.075	UG/M3	2.2	
EPD-WA-01-030523	TO-15 SIM	Dichlormethane (Methylene Chloride)	0.3		0.012	0.15	UG/M3	0.3	
EPD-WA-01-030523	TO-15 SIM	Ethylbenzene	0.41		0.018	0.15	UG/M3	0.41	
EPD-WA-01-030523	TO-15 SIM	Hexachlorobutadiene	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-01-030523	TO-15 SIM	m,p-Xylenes	1.8		0.036	0.15	UG/M3	1.8	
EPD-WA-01-030523	TO-15 SIM	Methyl tert-Butyl Ether	0.038 U		0.018	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	Naphthalene	0.22		0.033	0.15	UG/M3	0.22	
EPD-WA-01-030523	TO-15 SIM	o-Xylene	0.67		0.02	0.15	UG/M3	0.67 J+	
EPD-WA-01-030523	TO-15 SIM	Styrene	0.41		0.018	0.15	UG/M3	0.41	
EPD-WA-01-030523	TO-15 SIM	Tetrachloroethene	0.074		0.013	0.038	UG/M3	0.074	
EPD-WA-01-030523	TO-15 SIM	Toluene	3.4 B		0.018	0.15	UG/M3	3.4	
EPD-WA-01-030523	TO-15 SIM	trans-1,2-Dichloroethene	0.038 U		0.017	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	trans-1,3-Dichloropropene	0.075 U		0.0072	0.075	UG/M3	0.075 U	
EPD-WA-01-030523	TO-15 SIM	Trichloroethene	0.038 U		0.012	0.038	UG/M3	0.038 U	
EPD-WA-01-030523	TO-15 SIM	Trichlorofluoromethane	1.1		0.012	0.075	UG/M3	1.1	
EPD-WA-01-030523	TO-15 SIM	Vinyl Chloride	0.73		0.018	0.038	UG/M3	0.73	
EPD-WA-02-030523	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-02-030523	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-02-030523	TO-15	2-Methylbutane	6.9 T				UG/M3	6.9 NJ	
EPD-WA-02-030523	TO-15	BUTYL ESTER-2-PROPENOIC ACID	4.1 T				UG/M3	4.1 NJ	

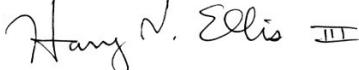
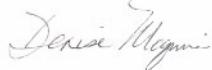
E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
ALS ENVIRONMENTAL REPORT NO. P2301023

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-WA-02-030523	TO-15	Ethyl Acetate	7 T				UG/M3	7 NJ	
EPD-WA-02-030523	TO-15	n-Butane	5.3 T				UG/M3	5.3 NJ	
EPD-WA-02-030523	TO-15	Propane	3.9 T				UG/M3	3.9 NJ	
EPD-WA-02-030523	TO-15 SIM	1,1,1-Trichloroethane	0.037 U		0.013	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.037 U		0.013	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,1,2-Trichloroethane	0.15 U		0.0087	0.15	UG/M3	0.15 U	
EPD-WA-02-030523	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.44		0.012	0.037	UG/M3	0.44	
EPD-WA-02-030523	TO-15 SIM	1,1-Dichloroethane	0.037 U		0.012	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,1-Dichloroethene	0.037 U		0.013	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,2,4-Trichlorobenzene	0.074 U		0.029	0.074	UG/M3	0.074 U	
EPD-WA-02-030523	TO-15 SIM	1,2,4-Trimethylbenzene	0.28		0.024	0.15	UG/M3	0.28 J+	
EPD-WA-02-030523	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-02-030523	TO-15 SIM	1,2-Dibromoethane	0.037 U		0.0098	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,2-Dichlorobenzene	0.037 U		0.026	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,2-Dichloroethane	0.058		0.012	0.037	UG/M3	0.058	
EPD-WA-02-030523	TO-15 SIM	1,2-Dichloropropane	0.013 J		0.009	0.037	UG/M3	0.013 J	
EPD-WA-02-030523	TO-15 SIM	1,3,5-Trimethylbenzene	0.07 J		0.021	0.15	UG/M3	0.07 J+	
EPD-WA-02-030523	TO-15 SIM	1,3-Butadiene	0.16		0.012	0.074	UG/M3	0.16	
EPD-WA-02-030523	TO-15 SIM	1,3-Dichlorobenzene	0.037 U		0.025	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,4-Dichlorobenzene	0.037 U		0.029	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	1,4-Dioxane	0.15 U		0.013	0.15	UG/M3	0.15 U	
EPD-WA-02-030523	TO-15 SIM	Acetone	3.7		0.34	3.7	UG/M3	3.7	
EPD-WA-02-030523	TO-15 SIM	Acrolein	0.25 J		0.051	0.29	UG/M3	0.25 J	
EPD-WA-02-030523	TO-15 SIM	Benzene	1.5		0.022	0.11	UG/M3	1.5	
EPD-WA-02-030523	TO-15 SIM	Bromodichloromethane	0.037 U		0.0085	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	Bromomethane	0.022 J		0.0098	0.037	UG/M3	0.022 J	
EPD-WA-02-030523	TO-15 SIM	Carbon Tetrachloride	0.4		0.01	0.037	UG/M3	0.4	
EPD-WA-02-030523	TO-15 SIM	Chlorobenzene	0.15 U		0.014	0.15	UG/M3	0.15 U	
EPD-WA-02-030523	TO-15 SIM	Chloroethane	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	Chloroform	0.066 J		0.012	0.15	UG/M3	0.066 J	
EPD-WA-02-030523	TO-15 SIM	Chloromethane	0.26		0.038	0.074	UG/M3	0.26	
EPD-WA-02-030523	TO-15 SIM	cis-1,2-Dichloroethene	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	cis-1,3-Dichloropropene	0.074 U		0.01	0.074	UG/M3	0.074 U	
EPD-WA-02-030523	TO-15 SIM	Dibromochloromethane	0.037 U		0.0094	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.2		0.012	0.074	UG/M3	2.2	
EPD-WA-02-030523	TO-15 SIM	Dichlormethane (Methylene Chloride)	0.3		0.011	0.15	UG/M3	0.3	
EPD-WA-02-030523	TO-15 SIM	Ethylbenzene	0.21		0.018	0.15	UG/M3	0.21	
EPD-WA-02-030523	TO-15 SIM	Hexachlorobutadiene	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-02-030523	TO-15 SIM	m,p-Xylenes	0.81		0.035	0.15	UG/M3	0.81	
EPD-WA-02-030523	TO-15 SIM	Methyl tert-Butyl Ether	0.037 U		0.018	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	Naphthalene	0.16		0.032	0.15	UG/M3	0.16	
EPD-WA-02-030523	TO-15 SIM	o-Xylene	0.31		0.019	0.15	UG/M3	0.31 J+	
EPD-WA-02-030523	TO-15 SIM	Styrene	0.16		0.018	0.15	UG/M3	0.16	
EPD-WA-02-030523	TO-15 SIM	Tetrachloroethene	0.067		0.013	0.037	UG/M3	0.067	
EPD-WA-02-030523	TO-15 SIM	Toluene	1.7 B		0.018	0.15	UG/M3	1.7	
EPD-WA-02-030523	TO-15 SIM	trans-1,2-Dichloroethene	0.037 U		0.016	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	trans-1,3-Dichloropropene	0.074 U		0.0071	0.074	UG/M3	0.074 U	
EPD-WA-02-030523	TO-15 SIM	Trichloroethene	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-02-030523	TO-15 SIM	Trichlorofluoromethane	1.1		0.012	0.074	UG/M3	1.1	
EPD-WA-02-030523	TO-15 SIM	Vinyl Chloride	0.28		0.018	0.037	UG/M3	0.28	
EPD-WA-03-030523	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-03-030523	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-03-030523	TO-15	2-Methylbutane	6.3 T				UG/M3	6.3 NJ	
EPD-WA-03-030523	TO-15	BUTYL ESTER-2-PROPOENOIC ACID	0 U,NF				UG/M3	0 U,NF	
EPD-WA-03-030523	TO-15	Ethyl Acetate	46 T				UG/M3	46 NJ	
EPD-WA-03-030523	TO-15	n-Butane	3.6 T				UG/M3	3.6 NJ	
EPD-WA-03-030523	TO-15	Propane	4.7 T				UG/M3	4.7 NJ	
EPD-WA-03-030523	TO-15 SIM	1,1,1-Trichloroethane	0.037 U		0.013	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.037 U		0.013	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,1,2-Trichloroethane	0.15 U		0.0087	0.15	UG/M3	0.15 U	
EPD-WA-03-030523	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.46		0.012	0.037	UG/M3	0.46	
EPD-WA-03-030523	TO-15 SIM	1,1-Dichloroethane	0.037 U		0.012	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,1-Dichloroethene	0.037 U		0.013	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,2,4-Trichlorobenzene	0.074 U		0.03	0.074	UG/M3	0.074 U	
EPD-WA-03-030523	TO-15 SIM	1,2,4-Trimethylbenzene	0.2		0.024	0.15	UG/M3	0.2 J+	
EPD-WA-03-030523	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-03-030523	TO-15 SIM	1,2-Dibromoethane	0.037 U		0.0099	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,2-Dichlorobenzene	0.037 U		0.027	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,2-Dichloroethane	0.06		0.012	0.037	UG/M3	0.06	
EPD-WA-03-030523	TO-15 SIM	1,2-Dichloropropane	0.014 J		0.009	0.037	UG/M3	0.014 J	
EPD-WA-03-030523	TO-15 SIM	1,3,5-Trimethylbenzene	0.049 J		0.021	0.15	UG/M3	0.049 J+	
EPD-WA-03-030523	TO-15 SIM	1,3-Butadiene	0.088		0.012	0.074	UG/M3	0.088	
EPD-WA-03-030523	TO-15 SIM	1,3-Dichlorobenzene	0.037 U		0.025	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,4-Dichlorobenzene	0.037 U		0.03	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	1,4-Dioxane	0.15 U		0.013	0.15	UG/M3	0.15 U	
EPD-WA-03-030523	TO-15 SIM	Acetone	4		0.34	3.7	UG/M3	4	
EPD-WA-03-030523	TO-15 SIM	Acrolein	0.15 J		0.052	0.3	UG/M3	0.15 J	
EPD-WA-03-030523	TO-15 SIM	Benzene	1.1		0.022	0.11	UG/M3	1.1	
EPD-WA-03-030523	TO-15 SIM	Bromodichloromethane	0.037 U		0.0086	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	Bromomethane	0.023 J		0.0099	0.037	UG/M3	0.023 J	
EPD-WA-03-030523	TO-15 SIM	Carbon Tetrachloride	0.41		0.011	0.037	UG/M3	0.41	
EPD-WA-03-030523	TO-15 SIM	Chlorobenzene	0.15 U		0.014	0.15	UG/M3	0.15 U	
EPD-WA-03-030523	TO-15 SIM	Chloroethane	0.013 J		0.012	0.037	UG/M3	0.013 J	
EPD-WA-03-030523	TO-15 SIM	Chloroform	0.077 J		0.012	0.15	UG/M3	0.077 J	
EPD-WA-03-030523	TO-15 SIM	Chloromethane	0.19		0.038	0.074	UG/M3	0.19	
EPD-WA-03-030523	TO-15 SIM	cis-1,2-Dichloroethene	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-03-030523	TO-15 SIM	cis-1,3-Dichloropropene	0.074 U		0.011	0.074	UG/M3	0.074 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
ALS ENVIRONMENTAL REPORT NO. P2301023

Sample ID	Method	Analyte	Lab Result	Lab Qual	MDL	RL	Units	VAL Result	VAL Qual
EPD-WA-03-030523	TO-15 SIM	Dibromochloromethane	0.037	U	0.0095	0.037	UG/M3	0.037	U
EPD-WA-03-030523	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.013	0.074	UG/M3	2.3	
EPD-WA-03-030523	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.32		0.012	0.15	UG/M3	0.32	
EPD-WA-03-030523	TO-15 SIM	Ethylbenzene	0.14	J	0.018	0.15	UG/M3	0.14	J
EPD-WA-03-030523	TO-15 SIM	Hexachlorobutadiene	0.15	U	0.019	0.15	UG/M3	0.15	U
EPD-WA-03-030523	TO-15 SIM	m,p-Xylenes	0.54		0.036	0.15	UG/M3	0.54	
EPD-WA-03-030523	TO-15 SIM	Methyl tert-Butyl Ether	0.037	U	0.018	0.037	UG/M3	0.037	U
EPD-WA-03-030523	TO-15 SIM	Naphthalene	0.082	J	0.033	0.15	UG/M3	0.082	J
EPD-WA-03-030523	TO-15 SIM	o-Xylene	0.22		0.019	0.15	UG/M3	0.22	J+
EPD-WA-03-030523	TO-15 SIM	Styrene	0.12	J	0.018	0.15	UG/M3	0.12	J
EPD-WA-03-030523	TO-15 SIM	Tetrachloroethene	0.055		0.013	0.037	UG/M3	0.055	
EPD-WA-03-030523	TO-15 SIM	Toluene	1.5	B	0.018	0.15	UG/M3	1.5	
EPD-WA-03-030523	TO-15 SIM	trans-1,2-Dichloroethene	0.037	U	0.016	0.037	UG/M3	0.037	U
EPD-WA-03-030523	TO-15 SIM	trans-1,3-Dichloropropene	0.074	U	0.0071	0.074	UG/M3	0.074	U
EPD-WA-03-030523	TO-15 SIM	Trichloroethene	0.037	U	0.011	0.037	UG/M3	0.037	U
EPD-WA-03-030523	TO-15 SIM	Trichlorofluoromethane	1.2		0.012	0.074	UG/M3	1.2	
EPD-WA-03-030523	TO-15 SIM	Vinyl Chloride	0.24		0.018	0.037	UG/M3	0.24	
EPD-WA-11-030523	TO-15	2-Butoxyethanol	0	U,NF			UG/M3	0	U,NF
EPD-WA-11-030523	TO-15	2-Ethylhexyl Acrylate	0	U,NF			UG/M3	0	U,NF
EPD-WA-11-030523	TO-15	2-Methylbutane	18	T			UG/M3	18	NJ
EPD-WA-11-030523	TO-15	2-Methylpentane	4.3	T			UG/M3	4.3	NJ
EPD-WA-11-030523	TO-15	2-Methylpropane	8.9	T			UG/M3	8.9	NJ
EPD-WA-11-030523	TO-15	alpha-Pinene	5.4	T			UG/M3	5.4	NJ
EPD-WA-11-030523	TO-15	Benzene	4.3	T			UG/M3	4.3	NJ
EPD-WA-11-030523	TO-15	BUTYL ESTER-2-PROPENOIC ACID	24	T			UG/M3	24	NJ
EPD-WA-11-030523	TO-15	Ethyl Acetate	9.8	T			UG/M3	9.8	NJ
EPD-WA-11-030523	TO-15	Hexamethylcyclotrisiloxane	7.3	T			UG/M3	7.3	NJ
EPD-WA-11-030523	TO-15	n-Butane	19	T			UG/M3	19	NJ
EPD-WA-11-030523	TO-15	n-Pentane	6.8	T			UG/M3	6.8	NJ
EPD-WA-11-030523	TO-15	Propane	6.5	T			UG/M3	6.5	NJ
EPD-WA-11-030523	TO-15 SIM	1,1,1-Trichloroethane	0.044	U	0.016	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.044	U	0.015	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,1,2-Trichloroethane	0.18	U	0.01	0.18	UG/M3	0.18	U
EPD-WA-11-030523	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.48		0.014	0.044	UG/M3	0.48	
EPD-WA-11-030523	TO-15 SIM	1,1-Dichloroethane	0.044	U	0.014	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,1-Dichloroethene	0.044	U	0.015	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,2,4-Trichlorobenzene	0.088	U	0.035	0.088	UG/M3	0.088	U
EPD-WA-11-030523	TO-15 SIM	1,2,4-Trimethylbenzene	0.8		0.028	0.18	UG/M3	0.8	J+
EPD-WA-11-030523	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.18	U	0.025	0.18	UG/M3	0.18	U
EPD-WA-11-030523	TO-15 SIM	1,2-Dibromoethane	0.044	U	0.012	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,2-Dichlorobenzene	0.044	U	0.032	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,2-Dichloroethane	0.067		0.015	0.044	UG/M3	0.067	
EPD-WA-11-030523	TO-15 SIM	1,2-Dichloropropane	0.015	J	0.011	0.044	UG/M3	0.015	J
EPD-WA-11-030523	TO-15 SIM	1,3,5-Trimethylbenzene	0.2		0.025	0.18	UG/M3	0.2	J+
EPD-WA-11-030523	TO-15 SIM	1,3-Butadiene	0.23		0.014	0.088	UG/M3	0.23	
EPD-WA-11-030523	TO-15 SIM	1,3-Dichlorobenzene	0.044	U	0.03	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,4-Dichlorobenzene	0.044	U	0.035	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	1,4-Dioxane	0.024	J	0.015	0.18	UG/M3	0.024	J
EPD-WA-11-030523	TO-15 SIM	Acetone	4.4		0.4	4.4	UG/M3	4.4	
EPD-WA-11-030523	TO-15 SIM	Acrolein	0.28	J	0.062	0.35	UG/M3	0.28	J
EPD-WA-11-030523	TO-15 SIM	Benzene	2		0.026	0.13	UG/M3	2	
EPD-WA-11-030523	TO-15 SIM	Bromodichloromethane	0.044	U	0.01	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	Bromomethane	0.025	J	0.012	0.044	UG/M3	0.025	J
EPD-WA-11-030523	TO-15 SIM	Carbon Tetrachloride	0.42		0.012	0.044	UG/M3	0.42	
EPD-WA-11-030523	TO-15 SIM	Chlorobenzene	0.18	U	0.017	0.18	UG/M3	0.18	U
EPD-WA-11-030523	TO-15 SIM	Chloroethane	0.044	U	0.014	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	Chloroform	0.07	J	0.014	0.18	UG/M3	0.07	J
EPD-WA-11-030523	TO-15 SIM	Chloromethane	0.28		0.046	0.088	UG/M3	0.28	
EPD-WA-11-030523	TO-15 SIM	cis-1,2-Dichloroethene	0.044	U	0.013	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	cis-1,3-Dichloropropene	0.088	U	0.012	0.088	UG/M3	0.088	U
EPD-WA-11-030523	TO-15 SIM	Dibromochloromethane	0.044	U	0.011	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.4		0.015	0.088	UG/M3	2.4	
EPD-WA-11-030523	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.31		0.014	0.18	UG/M3	0.31	
EPD-WA-11-030523	TO-15 SIM	Ethylbenzene	0.42		0.021	0.18	UG/M3	0.42	
EPD-WA-11-030523	TO-15 SIM	Hexachlorobutadiene	0.18	U	0.023	0.18	UG/M3	0.18	U
EPD-WA-11-030523	TO-15 SIM	m,p-Xylenes	1.7		0.042	0.18	UG/M3	1.7	
EPD-WA-11-030523	TO-15 SIM	Methyl tert-Butyl Ether	0.044	U	0.021	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	Naphthalene	0.24		0.039	0.18	UG/M3	0.24	
EPD-WA-11-030523	TO-15 SIM	o-Xylene	0.63		0.023	0.18	UG/M3	0.63	J+
EPD-WA-11-030523	TO-15 SIM	Styrene	0.41		0.021	0.18	UG/M3	0.41	
EPD-WA-11-030523	TO-15 SIM	Tetrachloroethene	0.094		0.015	0.044	UG/M3	0.094	
EPD-WA-11-030523	TO-15 SIM	Toluene	3	B	0.021	0.18	UG/M3	3	
EPD-WA-11-030523	TO-15 SIM	trans-1,2-Dichloroethene	0.044	U	0.019	0.044	UG/M3	0.044	U
EPD-WA-11-030523	TO-15 SIM	trans-1,3-Dichloropropene	0.088	U	0.0084	0.088	UG/M3	0.088	U
EPD-WA-11-030523	TO-15 SIM	Trichloroethene	0.014	J	0.014	0.044	UG/M3	0.014	J
EPD-WA-11-030523	TO-15 SIM	Trichlorofluoromethane	1.2		0.014	0.088	UG/M3	1.2	
EPD-WA-11-030523	TO-15 SIM	Vinyl Chloride	0.78		0.021	0.044	UG/M3	0.78	

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

Site Name	E Palestine Site - ER		TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1695d		Technical Reviewer (signature and date)	 Harry N. Ellis III 15 March 2023
Data Reviewer (signature and date)	 March 11, 2023	 03/13/2023	Laboratory	ALS Environmental, Simi Valley, CA
Laboratory Report No.	P2301064		Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes
Samples and Matrix	Eight air samples			
Collection Date(s)	03/07/2023			
Field Duplicate Pairs	None			
Field QC Blanks	None			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, 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	

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The starting and ending field-measured canister pressures listed on the chain-of-custody (COC) form are positive numbers for all samples. This appears to be an error on the part of the field sampler. No units are provided. The laboratory-measured canister pressures at laboratory receipt for all samples were outside of the -2 to -10 inches of mercury acceptance range. Although no qualifications were applied, these sample results should be used with caution because the results may not be representative of sampling conditions over the intended sampling period.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM: A low concentration of toluene was detected in the method blank. However, all field sample results for toluene were nondetect or were >10X the blank result and therefore no qualifications were necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

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

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors are 1.32 for sample EPD-WA-04-030723, 1.20 for sample EPD-WA-01-030723, 1.34 for sample EPD-WA-02-030723, 1.32 for sample EPD-WA-03-030723, 1.21 for sample EPD-WA-05-030723, 1.24 for sample EPD-WA-06-030723, 1.25 for sample EPD-UW-01-030723, and 1.17 for sample EPD-DW-01030723.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RRLs:

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

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in the samples. The known TICs were qualified as tentatively identified (flagged NJ). Butyl ester 2-propenoic acid (butyl acrylate), 2-ethylhexyl acrylate, and 2-butoxyethanol were reported as not detected and were qualified as manually searched for, but not found in the samples (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 was not found in the sample.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
ALS ENVIRONMENTAL REPORT NO. P2301064

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-01-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-DW-01-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-DW-01-030723	TO-15	Acetone	3.8 T				UG/M3	3.8 NJ	
EPD-DW-01-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	0 U,NF				UG/M3	0 U,NF	
EPD-DW-01-030723	TO-15	Propane	2.5 T				UG/M3	2.5 NJ	
EPD-DW-01-030723	TO-15 SIM	1,1,1-Trichloroethane	0.029 U		0.011	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.029 U		0.01	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,1,2-Trichloroethane	0.12 U		0.0069	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.11		0.0095	0.029	UG/M3	0.11	
EPD-DW-01-030723	TO-15 SIM	1,1-Dichloroethane	0.029 U		0.0096	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,1-Dichloroethene	0.029 U		0.01	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.059 U		0.023	0.059	UG/M3	0.059 U	
EPD-DW-01-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.12 U		0.019	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	1,2-Dibromoethane	0.029 U		0.0078	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,2-Dichlorobenzene	0.029 U		0.021	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,2-Dichloroethane	0.013 J		0.0097	0.029	UG/M3	0.013 J	
EPD-DW-01-030723	TO-15 SIM	1,2-Dichloropropane	0.029 U		0.0071	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	1,3-Butadiene	0.019 J		0.0092	0.059	UG/M3	0.019 J	
EPD-DW-01-030723	TO-15 SIM	1,3-Dichlorobenzene	0.029 U		0.02	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,4-Dichlorobenzene	0.029 U		0.023	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	1,4-Dioxane	0.02 J		0.01	0.12	UG/M3	0.02 J	
EPD-DW-01-030723	TO-15 SIM	Acetone	3.8		0.27	2.9	UG/M3	3.8	
EPD-DW-01-030723	TO-15 SIM	Acrolein	0.15 J		0.041	0.23	UG/M3	0.15 J	
EPD-DW-01-030723	TO-15 SIM	Benzene	0.088 U		0.018	0.088	UG/M3	0.088 U	
EPD-DW-01-030723	TO-15 SIM	Bromodichloromethane	0.029 U		0.0068	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	Bromomethane	0.024 J		0.0078	0.029	UG/M3	0.024 J	
EPD-DW-01-030723	TO-15 SIM	Carbon Tetrachloride	0.044		0.0083	0.029	UG/M3	0.044	
EPD-DW-01-030723	TO-15 SIM	Chlorobenzene	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	Chloroethane	0.02 J		0.0091	0.029	UG/M3	0.02 J	
EPD-DW-01-030723	TO-15 SIM	Chloroform	0.022 J		0.0094	0.12	UG/M3	0.022 J	
EPD-DW-01-030723	TO-15 SIM	Chloromethane	0.18		0.03	0.059	UG/M3	0.18	
EPD-DW-01-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.029 U		0.0084	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.059 U		0.0083	0.059	UG/M3	0.059 U	
EPD-DW-01-030723	TO-15 SIM	Dibromochloromethane	0.029 U		0.0075	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2		0.0099	0.059	UG/M3	2	
EPD-DW-01-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.28		0.0091	0.12	UG/M3	0.28	
EPD-DW-01-030723	TO-15 SIM	Ethylbenzene	0.12 U		0.014	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	Hexachlorobutadiene	0.12 U		0.015	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	m,p-Xylenes	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.029 U		0.014	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	Naphthalene	0.12 U		0.026	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	o-Xylene	0.12 U		0.015	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	Styrene	0.12 U		0.014	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	Tetrachloroethene	0.029 U		0.01	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	Toluene	0.12 U		0.014	0.12	UG/M3	0.12 U	
EPD-DW-01-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.029 U		0.013	0.029	UG/M3	0.029 U	
EPD-DW-01-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.059 U		0.0056	0.059	UG/M3	0.059 U	
EPD-DW-01-030723	TO-15 SIM	Trichloroethene	0.016 J		0.009	0.029	UG/M3	0.016 J	
EPD-DW-01-030723	TO-15 SIM	Trichlorofluoromethane	0.78		0.0095	0.059	UG/M3	0.78	
EPD-DW-01-030723	TO-15 SIM	Vinyl Chloride	0.037		0.014	0.029	UG/M3	0.037	
EPD-UW-01-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-UW-01-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-UW-01-030723	TO-15	2-ETHYLHEXYLACETATE	2.1 T				UG/M3	2.1 NJ	
EPD-UW-01-030723	TO-15	Acetone	5.5 T				UG/M3	5.5 NJ	
EPD-UW-01-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	0 U,NF				UG/M3	0 U,NF	
EPD-UW-01-030723	TO-15	Ethyl Acetate	9.4 T				UG/M3	9.4 NJ	
EPD-UW-01-030723	TO-15	Propane	2.7 T				UG/M3	2.7 NJ	
EPD-UW-01-030723	TO-15	Unknown Siloxane	2.3 T				UG/M3	2.3 NJ	
EPD-UW-01-030723	TO-15 SIM	1,1,1-Trichloroethane	0.031 U		0.011	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.031 U		0.011	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,1,2-Trichloroethane	0.13 U		0.0074	0.13	UG/M3	0.13 U	
EPD-UW-01-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.48		0.01	0.031	UG/M3	0.48	
EPD-UW-01-030723	TO-15 SIM	1,1-Dichloroethane	0.031 U		0.01	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,1-Dichloroethene	0.031 U		0.011	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.063 U		0.025	0.063	UG/M3	0.063 U	
EPD-UW-01-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.04 J		0.02	0.13	UG/M3	0.04 J	
EPD-UW-01-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.13 U		0.018	0.13	UG/M3	0.13 U	
EPD-UW-01-030723	TO-15 SIM	1,2-Dibromoethane	0.031 U		0.0084	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,2-Dichlorobenzene	0.031 U		0.023	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,2-Dichloroethane	0.061		0.01	0.031	UG/M3	0.061	
EPD-UW-01-030723	TO-15 SIM	1,2-Dichloropropane	0.016 J		0.0076	0.031	UG/M3	0.016 J	
EPD-UW-01-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.13 U		0.018	0.13	UG/M3	0.13 U	
EPD-UW-01-030723	TO-15 SIM	1,3-Butadiene	0.025 J		0.0099	0.063	UG/M3	0.025 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 ALS ENVIRONMENTAL REPORT NO. P2301064

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-01-030723	TO-15 SIM	1,3-Dichlorobenzene	0.031 U		0.021	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,4-Dichlorobenzene	0.031 U		0.025	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	1,4-Dioxane	0.13 U		0.011	0.13	UG/M3	0.13 U	
EPD-UW-01-030723	TO-15 SIM	Acetone	5.5		0.29	3.1	UG/M3	5.5	
EPD-UW-01-030723	TO-15 SIM	Acrolein	0.12 J		0.044	0.25	UG/M3	0.12 J	
EPD-UW-01-030723	TO-15 SIM	Benzene	0.45		0.019	0.094	UG/M3	0.45	
EPD-UW-01-030723	TO-15 SIM	Bromodichloromethane	0.031 U		0.0073	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	Bromomethane	0.028 J		0.0084	0.031	UG/M3	0.028 J	
EPD-UW-01-030723	TO-15 SIM	Carbon Tetrachloride	0.43		0.0089	0.031	UG/M3	0.43	
EPD-UW-01-030723	TO-15 SIM	Chlorobenzene	0.13 U		0.012	0.13	UG/M3	0.13 U	
EPD-UW-01-030723	TO-15 SIM	Chloroethane	0.017 J		0.0098	0.031	UG/M3	0.017 J	
EPD-UW-01-030723	TO-15 SIM	Chloroform	0.066 J		0.01	0.13	UG/M3	0.066 J	
EPD-UW-01-030723	TO-15 SIM	Chloromethane	0.22		0.033	0.063	UG/M3	0.22	
EPD-UW-01-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.031 U		0.009	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.063 U		0.0089	0.063	UG/M3	0.063 U	
EPD-UW-01-030723	TO-15 SIM	Dibromochloromethane	0.031 U		0.008	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.011	0.063	UG/M3	2.3	
EPD-UW-01-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.32		0.0098	0.13	UG/M3	0.32	
EPD-UW-01-030723	TO-15 SIM	Ethylbenzene	0.044 J		0.015	0.13	UG/M3	0.044 J	
EPD-UW-01-030723	TO-15 SIM	Hexachlorobutadiene	0.13 U		0.016	0.13	UG/M3	0.13 U	
EPD-UW-01-030723	TO-15 SIM	m,p-Xylenes	0.12 J		0.03	0.13	UG/M3	0.12 J	
EPD-UW-01-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.031 U		0.015	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	Naphthalene	0.045 J		0.028	0.13	UG/M3	0.045 J	
EPD-UW-01-030723	TO-15 SIM	o-Xylene	0.049 J		0.016	0.13	UG/M3	0.049 J	
EPD-UW-01-030723	TO-15 SIM	Styrene	0.2		0.015	0.13	UG/M3	0.2	
EPD-UW-01-030723	TO-15 SIM	Tetrachloroethene	0.043		0.011	0.031	UG/M3	0.043	
EPD-UW-01-030723	TO-15 SIM	Toluene	0.49 B		0.015	0.13	UG/M3	0.49	
EPD-UW-01-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.031 U		0.014	0.031	UG/M3	0.031 U	
EPD-UW-01-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.063 U		0.006	0.063	UG/M3	0.063 U	
EPD-UW-01-030723	TO-15 SIM	Trichloroethene	0.026 J		0.0096	0.031	UG/M3	0.026 J	
EPD-UW-01-030723	TO-15 SIM	Trichlorofluoromethane	1.2		0.01	0.063	UG/M3	1.2	
EPD-UW-01-030723	TO-15 SIM	Vinyl Chloride	0.031 U		0.015	0.031	UG/M3	0.031 U	
EPD-WA-01-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-01-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-01-030723	TO-15	2-Methylpropane	3.7 T				UG/M3	3.7 NJ	
EPD-WA-01-030723	TO-15	Acetone	11 T				UG/M3	11 NJ	
EPD-WA-01-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	0 U,NF				UG/M3	0 U,NF	
EPD-WA-01-030723	TO-15	Ethanol	2.3 T				UG/M3	2.3 NJ	
EPD-WA-01-030723	TO-15	Hexane	25 T				UG/M3	25 NJ	
EPD-WA-01-030723	TO-15	n-Butane	5.1 T				UG/M3	5.1 NJ	
EPD-WA-01-030723	TO-15	n-Pentane	2.5 T				UG/M3	2.5 NJ	
EPD-WA-01-030723	TO-15	Propane	68 T				UG/M3	68 NJ	
EPD-WA-01-030723	TO-15	Unknown Siloxane	4.9 T				UG/M3	4.9 NJ	
EPD-WA-01-030723	TO-15 SIM	1,1,1-Trichloroethane	0.03 U		0.011	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.03 U		0.01	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,1,2-Trichloroethane	0.12 U		0.0071	0.12	UG/M3	0.12 U	
EPD-WA-01-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.47		0.0097	0.03	UG/M3	0.47	
EPD-WA-01-030723	TO-15 SIM	1,1-Dichloroethane	0.03 U		0.0098	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,1-Dichloroethene	0.03 U		0.011	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.06 U		0.024	0.06	UG/M3	0.06 U	
EPD-WA-01-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.3		0.019	0.12	UG/M3	0.3	
EPD-WA-01-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-01-030723	TO-15 SIM	1,2-Dibromoethane	0.03 U		0.008	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,2-Dichlorobenzene	0.03 U		0.022	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,2-Dichloroethane	0.063		0.01	0.03	UG/M3	0.063	
EPD-WA-01-030723	TO-15 SIM	1,2-Dichloropropane	0.015 J		0.0073	0.03	UG/M3	0.015 J	
EPD-WA-01-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.08 J		0.017	0.12	UG/M3	0.08 J	
EPD-WA-01-030723	TO-15 SIM	1,3-Butadiene	0.071		0.0095	0.06	UG/M3	0.071	
EPD-WA-01-030723	TO-15 SIM	1,3-Dichlorobenzene	0.03 U		0.02	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,4-Dichlorobenzene	0.03 U		0.024	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	1,4-Dioxane	0.12 U		0.01	0.12	UG/M3	0.12 U	
EPD-WA-01-030723	TO-15 SIM	Acetone	8.4		0.28	3	UG/M3	8.4	
EPD-WA-01-030723	TO-15 SIM	Acrolein	0.22 J		0.042	0.24	UG/M3	0.22 J	
EPD-WA-01-030723	TO-15 SIM	Benzene	0.96		0.018	0.09	UG/M3	0.96	
EPD-WA-01-030723	TO-15 SIM	Bromodichloromethane	0.03 U		0.007	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	Bromomethane	0.026 J		0.008	0.03	UG/M3	0.026 J	
EPD-WA-01-030723	TO-15 SIM	Carbon Tetrachloride	0.42		0.0085	0.03	UG/M3	0.42	
EPD-WA-01-030723	TO-15 SIM	Chlorobenzene	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-WA-01-030723	TO-15 SIM	Chloroethane	0.015 J		0.0094	0.03	UG/M3	0.015 J	
EPD-WA-01-030723	TO-15 SIM	Chloroform	0.064 J		0.0096	0.12	UG/M3	0.064 J	
EPD-WA-01-030723	TO-15 SIM	Chloromethane	0.23		0.031	0.06	UG/M3	0.23	
EPD-WA-01-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.03 U		0.0086	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.06 U		0.0085	0.06	UG/M3	0.06 U	
EPD-WA-01-030723	TO-15 SIM	Dibromochloromethane	0.03 U		0.0077	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.01	0.06	UG/M3	2.3	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 ALS ENVIRONMENTAL REPORT NO. P2301064

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.37		0.0094	0.12	UG/M3	0.37	
EPD-WA-01-030723	TO-15 SIM	Ethylbenzene	0.18		0.014	0.12	UG/M3	0.18	
EPD-WA-01-030723	TO-15 SIM	Hexachlorobutadiene	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-WA-01-030723	TO-15 SIM	m,p-Xylenes	0.76		0.029	0.12	UG/M3	0.76	
EPD-WA-01-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.03 U		0.014	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	Naphthalene	0.2		0.026	0.12	UG/M3	0.2	
EPD-WA-01-030723	TO-15 SIM	o-Xylene	0.28		0.016	0.12	UG/M3	0.28	
EPD-WA-01-030723	TO-15 SIM	Styrene	0.73		0.014	0.12	UG/M3	0.73	
EPD-WA-01-030723	TO-15 SIM	Tetrachloroethene	0.07		0.01	0.03	UG/M3	0.07	
EPD-WA-01-030723	TO-15 SIM	Toluene	1.2 B		0.014	0.12	UG/M3	1.2	
EPD-WA-01-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.03 U		0.013	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.06 U		0.0058	0.06	UG/M3	0.06 U	
EPD-WA-01-030723	TO-15 SIM	Trichloroethene	0.03 U		0.0092	0.03	UG/M3	0.03 U	
EPD-WA-01-030723	TO-15 SIM	Trichlorofluoromethane	1.2		0.0097	0.06	UG/M3	1.2	
EPD-WA-01-030723	TO-15 SIM	Vinyl Chloride	0.18		0.014	0.03	UG/M3	0.18	
EPD-WA-02-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-02-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-02-030723	TO-15	Acetone	4.3 T				UG/M3	4.3 NJ	
EPD-WA-02-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	4.9 T				UG/M3	4.9 NJ	
EPD-WA-02-030723	TO-15	Ethyl Acetate	4.7 T				UG/M3	4.7 NJ	
EPD-WA-02-030723	TO-15	Propane	3 T				UG/M3	3 NJ	
EPD-WA-02-030723	TO-15 SIM	1,1,1-Trichloroethane	0.034 U		0.012	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.034 U		0.012	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,1,2-Trichloroethane	0.13 U		0.0079	0.13	UG/M3	0.13 U	
EPD-WA-02-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.48		0.011	0.034	UG/M3	0.48	
EPD-WA-02-030723	TO-15 SIM	1,1-Dichloroethane	0.034 U		0.011	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,1-Dichloroethene	0.034 U		0.012	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.067 U		0.027	0.067	UG/M3	0.067 U	
EPD-WA-02-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.086 J		0.021	0.13	UG/M3	0.086 J	
EPD-WA-02-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.13 U		0.019	0.13	UG/M3	0.13 U	
EPD-WA-02-030723	TO-15 SIM	1,2-Dibromoethane	0.034 U		0.009	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,2-Dichlorobenzene	0.034 U		0.024	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,2-Dichloroethane	0.06		0.011	0.034	UG/M3	0.06	
EPD-WA-02-030723	TO-15 SIM	1,2-Dichloropropane	0.015 J		0.0082	0.034	UG/M3	0.015 J	
EPD-WA-02-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.023 J		0.019	0.13	UG/M3	0.023 J	
EPD-WA-02-030723	TO-15 SIM	1,3-Butadiene	0.022 J		0.011	0.067	UG/M3	0.022 J	
EPD-WA-02-030723	TO-15 SIM	1,3-Dichlorobenzene	0.034 U		0.023	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,4-Dichlorobenzene	0.034 U		0.027	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	1,4-Dioxane	0.13 U		0.012	0.13	UG/M3	0.13 U	
EPD-WA-02-030723	TO-15 SIM	Acetone	3.5		0.31	3.4	UG/M3	3.5	
EPD-WA-02-030723	TO-15 SIM	Acrolein	0.14 J		0.047	0.27	UG/M3	0.14 J	
EPD-WA-02-030723	TO-15 SIM	Benzene	0.54		0.02	0.1	UG/M3	0.54	
EPD-WA-02-030723	TO-15 SIM	Bromodichloromethane	0.034 U		0.0078	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	Bromomethane	0.025 J		0.009	0.034	UG/M3	0.025 J	
EPD-WA-02-030723	TO-15 SIM	Carbon Tetrachloride	0.43		0.0095	0.034	UG/M3	0.43	
EPD-WA-02-030723	TO-15 SIM	Chlorobenzene	0.13 U		0.013	0.13	UG/M3	0.13 U	
EPD-WA-02-030723	TO-15 SIM	Chloroethane	0.012 J		0.01	0.034	UG/M3	0.012 J	
EPD-WA-02-030723	TO-15 SIM	Chloroform	0.065 J		0.011	0.13	UG/M3	0.065 J	
EPD-WA-02-030723	TO-15 SIM	Chloromethane	0.21		0.035	0.067	UG/M3	0.21	
EPD-WA-02-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.034 U		0.0096	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.067 U		0.0095	0.067	UG/M3	0.067 U	
EPD-WA-02-030723	TO-15 SIM	Dibromochloromethane	0.034 U		0.0086	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.011	0.067	UG/M3	2.3	
EPD-WA-02-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.31		0.01	0.13	UG/M3	0.31	
EPD-WA-02-030723	TO-15 SIM	Ethylbenzene	0.13 J		0.016	0.13	UG/M3	0.13 J	
EPD-WA-02-030723	TO-15 SIM	Hexachlorobutadiene	0.13 U		0.017	0.13	UG/M3	0.13 U	
EPD-WA-02-030723	TO-15 SIM	m,p-Xylenes	0.49		0.032	0.13	UG/M3	0.49	
EPD-WA-02-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.034 U		0.016	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	Naphthalene	0.057 J		0.029	0.13	UG/M3	0.057 J	
EPD-WA-02-030723	TO-15 SIM	o-Xylene	0.17		0.017	0.13	UG/M3	0.17	
EPD-WA-02-030723	TO-15 SIM	Styrene	0.083 J		0.016	0.13	UG/M3	0.083 J	
EPD-WA-02-030723	TO-15 SIM	Tetrachloroethene	0.068		0.012	0.034	UG/M3	0.068	
EPD-WA-02-030723	TO-15 SIM	Toluene	0.44 B		0.016	0.13	UG/M3	0.44	
EPD-WA-02-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.034 U		0.015	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.067 U		0.0064	0.067	UG/M3	0.067 U	
EPD-WA-02-030723	TO-15 SIM	Trichloroethene	0.034 U		0.01	0.034	UG/M3	0.034 U	
EPD-WA-02-030723	TO-15 SIM	Trichlorofluoromethane	1.2		0.011	0.067	UG/M3	1.2	
EPD-WA-02-030723	TO-15 SIM	Vinyl Chloride	0.14		0.016	0.034	UG/M3	0.14	
EPD-WA-03-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-03-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-03-030723	TO-15	Acetone	4.1 T				UG/M3	4.1 NJ	
EPD-WA-03-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	7.4 T				UG/M3	7.4 NJ	
EPD-WA-03-030723	TO-15	Ethyl Acetate	3.8 T				UG/M3	3.8 NJ	
EPD-WA-03-030723	TO-15	Propane	3.2 T				UG/M3	3.2 NJ	
EPD-WA-03-030723	TO-15 SIM	1,1,1-Trichloroethane	0.033 U		0.012	0.033	UG/M3	0.033 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 ALS ENVIRONMENTAL REPORT NO. P2301064

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.033 U		0.011	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,1,2-Trichloroethane	0.13 U		0.0078	0.13	UG/M3	0.13 U	
EPD-WA-03-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.4		0.011	0.033	UG/M3	0.4	
EPD-WA-03-030723	TO-15 SIM	1,1-Dichloroethane	0.033 U		0.011	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,1-Dichloroethene	0.033 U		0.012	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.066 U		0.026	0.066	UG/M3	0.066 U	
EPD-WA-03-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.057 J		0.021	0.13	UG/M3	0.057 J	
EPD-WA-03-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.13 U		0.018	0.13	UG/M3	0.13 U	
EPD-WA-03-030723	TO-15 SIM	1,2-Dibromoethane	0.033 U		0.0088	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,2-Dichlorobenzene	0.033 U		0.024	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,2-Dichloroethane	0.05		0.011	0.033	UG/M3	0.05	
EPD-WA-03-030723	TO-15 SIM	1,2-Dichloropropane	0.013 J		0.0081	0.033	UG/M3	0.013 J	
EPD-WA-03-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.13 U		0.018	0.13	UG/M3	0.13 U	
EPD-WA-03-030723	TO-15 SIM	1,3-Butadiene	0.076		0.01	0.066	UG/M3	0.076	
EPD-WA-03-030723	TO-15 SIM	1,3-Dichlorobenzene	0.033 U		0.022	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,4-Dichlorobenzene	0.033 U		0.026	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	1,4-Dioxane	0.13 U		0.011	0.13	UG/M3	0.13 U	
EPD-WA-03-030723	TO-15 SIM	Acetone	2.9 J		0.3	3.3	UG/M3	2.9 J	
EPD-WA-03-030723	TO-15 SIM	Acrolein	0.15 J		0.046	0.26	UG/M3	0.15 J	
EPD-WA-03-030723	TO-15 SIM	Benzene	0.63		0.02	0.099	UG/M3	0.63	
EPD-WA-03-030723	TO-15 SIM	Bromodichloromethane	0.033 U		0.0077	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	Bromomethane	0.022 J		0.0088	0.033	UG/M3	0.022 J	
EPD-WA-03-030723	TO-15 SIM	Carbon Tetrachloride	0.35		0.0094	0.033	UG/M3	0.35	
EPD-WA-03-030723	TO-15 SIM	Chlorobenzene	0.13 U		0.013	0.13	UG/M3	0.13 U	
EPD-WA-03-030723	TO-15 SIM	Chloroethane	0.011 J		0.01	0.033	UG/M3	0.011 J	
EPD-WA-03-030723	TO-15 SIM	Chloroform	0.051 J		0.011	0.13	UG/M3	0.051 J	
EPD-WA-03-030723	TO-15 SIM	Chloromethane	0.17		0.034	0.066	UG/M3	0.17	
EPD-WA-03-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.033 U		0.0095	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.066 U		0.0094	0.066	UG/M3	0.066 U	
EPD-WA-03-030723	TO-15 SIM	Dibromochloromethane	0.033 U		0.0084	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	1.9		0.011	0.066	UG/M3	1.9	
EPD-WA-03-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.25		0.01	0.13	UG/M3	0.25	
EPD-WA-03-030723	TO-15 SIM	Ethylbenzene	0.045 J		0.016	0.13	UG/M3	0.045 J	
EPD-WA-03-030723	TO-15 SIM	Hexachlorobutadiene	0.13 U		0.017	0.13	UG/M3	0.13 U	
EPD-WA-03-030723	TO-15 SIM	m,p-Xylenes	0.14		0.032	0.13	UG/M3	0.14	
EPD-WA-03-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.033 U		0.016	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	Naphthalene	0.15		0.029	0.13	UG/M3	0.15	
EPD-WA-03-030723	TO-15 SIM	o-Xylene	0.059 J		0.017	0.13	UG/M3	0.059 J	
EPD-WA-03-030723	TO-15 SIM	Styrene	0.11 J		0.016	0.13	UG/M3	0.11 J	
EPD-WA-03-030723	TO-15 SIM	Tetrachloroethene	0.033		0.011	0.033	UG/M3	0.033	
EPD-WA-03-030723	TO-15 SIM	Toluene	0.36 B		0.016	0.13	UG/M3	0.36	
EPD-WA-03-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.033 U		0.015	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.066 U		0.0063	0.066	UG/M3	0.066 U	
EPD-WA-03-030723	TO-15 SIM	Trichloroethene	0.033 U		0.01	0.033	UG/M3	0.033 U	
EPD-WA-03-030723	TO-15 SIM	Trichlorofluoromethane	0.95		0.011	0.066	UG/M3	0.95	
EPD-WA-03-030723	TO-15 SIM	Vinyl Chloride	0.38		0.016	0.033	UG/M3	0.38	
EPD-WA-04-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-04-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-04-030723	TO-15	Acetone	4.1 T				UG/M3	4.1 NJ	
EPD-WA-04-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	0 U,NF				UG/M3	0 U,NF	
EPD-WA-04-030723	TO-15	Ethyl Acetate	4.8 T				UG/M3	4.8 NJ	
EPD-WA-04-030723	TO-15	Hexamethylcyclotrisiloxane	13 T				UG/M3	13 NJ	
EPD-WA-04-030723	TO-15	Propane	3.2 T				UG/M3	3.2 NJ	
EPD-WA-04-030723	TO-15	Unknown	8 T				UG/M3	8 NJ	
EPD-WA-04-030723	TO-15	Unknown Siloxane	4.4 T				UG/M3	4.4 NJ	
EPD-WA-04-030723	TO-15 SIM	1,1,1-Trichloroethane	0.033 U		0.012	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.033 U		0.011	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,1,2-Trichloroethane	0.13 U		0.0078	0.13	UG/M3	0.13 U	
EPD-WA-04-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.44		0.011	0.033	UG/M3	0.44	
EPD-WA-04-030723	TO-15 SIM	1,1-Dichloroethane	0.033 U		0.011	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,1-Dichloroethene	0.033 U		0.012	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.066 U		0.026	0.066	UG/M3	0.066 U	
EPD-WA-04-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.075 J		0.021	0.13	UG/M3	0.075 J	
EPD-WA-04-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.13 U		0.018	0.13	UG/M3	0.13 U	
EPD-WA-04-030723	TO-15 SIM	1,2-Dibromoethane	0.033 U		0.0088	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,2-Dichlorobenzene	0.033 U		0.024	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,2-Dichloroethane	0.057		0.011	0.033	UG/M3	0.057	
EPD-WA-04-030723	TO-15 SIM	1,2-Dichloropropane	0.015 J		0.0081	0.033	UG/M3	0.015 J	
EPD-WA-04-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.022 J		0.018	0.13	UG/M3	0.022 J	
EPD-WA-04-030723	TO-15 SIM	1,3-Butadiene	0.041 J		0.01	0.066	UG/M3	0.041 J	
EPD-WA-04-030723	TO-15 SIM	1,3-Dichlorobenzene	0.033 U		0.022	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,4-Dichlorobenzene	0.033 U		0.026	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	1,4-Dioxane	0.016 J		0.011	0.13	UG/M3	0.016 J	
EPD-WA-04-030723	TO-15 SIM	Acetone	3.1 J		0.3	3.3	UG/M3	3.1 J	
EPD-WA-04-030723	TO-15 SIM	Acrolein	0.16 J		0.046	0.26	UG/M3	0.16 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
ALS ENVIRONMENTAL REPORT NO. P2301064

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-030723	TO-15 SIM	Benzene	0.58		0.02	0.099	UG/M3	0.58	
EPD-WA-04-030723	TO-15 SIM	Bromodichloromethane	0.033 U		0.0077	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	Bromomethane	0.023 J		0.0088	0.033	UG/M3	0.023 J	
EPD-WA-04-030723	TO-15 SIM	Carbon Tetrachloride	0.4		0.0094	0.033	UG/M3	0.4	
EPD-WA-04-030723	TO-15 SIM	Chlorobenzene	0.13 U		0.013	0.13	UG/M3	0.13 U	
EPD-WA-04-030723	TO-15 SIM	Chloroethane	0.012 J		0.01	0.033	UG/M3	0.012 J	
EPD-WA-04-030723	TO-15 SIM	Chloroform	0.059 J		0.011	0.13	UG/M3	0.059 J	
EPD-WA-04-030723	TO-15 SIM	Chloromethane	0.23		0.034	0.066	UG/M3	0.23	
EPD-WA-04-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.033 U		0.0095	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.066 U		0.0094	0.066	UG/M3	0.066 U	
EPD-WA-04-030723	TO-15 SIM	Dibromochloromethane	0.033 U		0.0084	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.2		0.011	0.066	UG/M3	2.2	
EPD-WA-04-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.29		0.01	0.13	UG/M3	0.29	
EPD-WA-04-030723	TO-15 SIM	Ethylbenzene	0.079 J		0.016	0.13	UG/M3	0.079 J	
EPD-WA-04-030723	TO-15 SIM	Hexachlorobutadiene	0.13 U		0.017	0.13	UG/M3	0.13 U	
EPD-WA-04-030723	TO-15 SIM	m,p-Xylenes	0.25		0.032	0.13	UG/M3	0.25	
EPD-WA-04-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.033 U		0.016	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	Naphthalene	0.05 J		0.029	0.13	UG/M3	0.05 J	
EPD-WA-04-030723	TO-15 SIM	o-Xylene	0.093 J		0.017	0.13	UG/M3	0.093 J	
EPD-WA-04-030723	TO-15 SIM	Styrene	0.087 J		0.016	0.13	UG/M3	0.087 J	
EPD-WA-04-030723	TO-15 SIM	Tetrachloroethene	0.069		0.011	0.033	UG/M3	0.069	
EPD-WA-04-030723	TO-15 SIM	Toluene	0.62 B		0.016	0.13	UG/M3	0.62	
EPD-WA-04-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.033 U		0.015	0.033	UG/M3	0.033 U	
EPD-WA-04-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.066 U		0.0063	0.066	UG/M3	0.066 U	
EPD-WA-04-030723	TO-15 SIM	Trichloroethene	0.071		0.01	0.033	UG/M3	0.071	
EPD-WA-04-030723	TO-15 SIM	Trichlorofluoromethane	1.1		0.011	0.066	UG/M3	1.1	
EPD-WA-04-030723	TO-15 SIM	Vinyl Chloride	0.16		0.016	0.033	UG/M3	0.16	
EPD-WA-05-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-05-030723	TO-15	2-Ethylhexyl Acrylate	0 U,NF				UG/M3	0 U,NF	
EPD-WA-05-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	0 U,NF				UG/M3	0 U,NF	
EPD-WA-05-030723	TO-15	Ethyl Acetate	4.2 T				UG/M3	4.2 NJ	
EPD-WA-05-030723	TO-15	n-Butane	3.8 T				UG/M3	3.8 NJ	
EPD-WA-05-030723	TO-15	Propane	2.7 T				UG/M3	2.7 NJ	
EPD-WA-05-030723	TO-15	Trimethylsilanol	3.6 T				UG/M3	3.6 NJ	
EPD-WA-05-030723	TO-15 SIM	1,1,1-Trichloroethane	0.03 U		0.011	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.03 U		0.011	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,1,2-Trichloroethane	0.12 U		0.0071	0.12	UG/M3	0.12 U	
EPD-WA-05-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.48		0.0098	0.03	UG/M3	0.48	
EPD-WA-05-030723	TO-15 SIM	1,1-Dichloroethane	0.011 J		0.0099	0.03	UG/M3	0.011 J	
EPD-WA-05-030723	TO-15 SIM	1,1-Dichloroethene	0.03 U		0.011	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-WA-05-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.13		0.019	0.12	UG/M3	0.13	
EPD-WA-05-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-05-030723	TO-15 SIM	1,2-Dibromoethane	0.03 U		0.0081	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,2-Dichlorobenzene	0.03 U		0.022	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,2-Dichloroethane	0.061		0.01	0.03	UG/M3	0.061	
EPD-WA-05-030723	TO-15 SIM	1,2-Dichloropropane	0.015 J		0.0074	0.03	UG/M3	0.015 J	
EPD-WA-05-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.03 J		0.017	0.12	UG/M3	0.03 J	
EPD-WA-05-030723	TO-15 SIM	1,3-Butadiene	0.035 J		0.0096	0.061	UG/M3	0.035 J	
EPD-WA-05-030723	TO-15 SIM	1,3-Dichlorobenzene	0.03 U		0.021	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,4-Dichlorobenzene	0.03 U		0.024	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	1,4-Dioxane	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-05-030723	TO-15 SIM	Acetone	2.8 J		0.28	3	UG/M3	2.8 J	
EPD-WA-05-030723	TO-15 SIM	Acrolein	0.094 J		0.042	0.24	UG/M3	0.094 J	
EPD-WA-05-030723	TO-15 SIM	Benzene	0.56		0.018	0.091	UG/M3	0.56	
EPD-WA-05-030723	TO-15 SIM	Bromodichloromethane	0.03 U		0.007	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	Bromomethane	0.027 J		0.0081	0.03	UG/M3	0.027 J	
EPD-WA-05-030723	TO-15 SIM	Carbon Tetrachloride	0.43		0.0086	0.03	UG/M3	0.43	
EPD-WA-05-030723	TO-15 SIM	Chlorobenzene	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-WA-05-030723	TO-15 SIM	Chloroethane	0.014 J		0.0094	0.03	UG/M3	0.014 J	
EPD-WA-05-030723	TO-15 SIM	Chloroform	0.062 J		0.0097	0.12	UG/M3	0.062 J	
EPD-WA-05-030723	TO-15 SIM	Chloromethane	0.2		0.031	0.061	UG/M3	0.2	
EPD-WA-05-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.03 U		0.0087	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.061 U		0.0086	0.061	UG/M3	0.061 U	
EPD-WA-05-030723	TO-15 SIM	Dibromochloromethane	0.03 U		0.0077	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.01	0.061	UG/M3	2.3	
EPD-WA-05-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.32		0.0094	0.12	UG/M3	0.32	
EPD-WA-05-030723	TO-15 SIM	Ethylbenzene	0.091 J		0.015	0.12	UG/M3	0.091 J	
EPD-WA-05-030723	TO-15 SIM	Hexachlorobutadiene	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-WA-05-030723	TO-15 SIM	m,p-Xylenes	0.35		0.029	0.12	UG/M3	0.35	
EPD-WA-05-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.03 U		0.015	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	Naphthalene	0.054 J		0.027	0.12	UG/M3	0.054 J	
EPD-WA-05-030723	TO-15 SIM	o-Xylene	0.13		0.016	0.12	UG/M3	0.13	
EPD-WA-05-030723	TO-15 SIM	Styrene	0.07 J		0.015	0.12	UG/M3	0.07 J	
EPD-WA-05-030723	TO-15 SIM	Tetrachloroethene	0.05		0.01	0.03	UG/M3	0.05	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 ALS ENVIRONMENTAL REPORT NO. P2301064

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-030723	TO-15 SIM	Toluene	0.74 B		0.015	0.12	UG/M3	0.74	
EPD-WA-05-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.03 U		0.013	0.03	UG/M3	0.03 U	
EPD-WA-05-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.061 U		0.0058	0.061	UG/M3	0.061 U	
EPD-WA-05-030723	TO-15 SIM	Trichloroethene	0.036		0.0093	0.03	UG/M3	0.036	
EPD-WA-05-030723	TO-15 SIM	Trichlorofluoromethane	1.2		0.0098	0.061	UG/M3	1.2	
EPD-WA-05-030723	TO-15 SIM	Vinyl Chloride	0.03 U		0.015	0.03	UG/M3	0.03 U	
EPD-WA-06-030723	TO-15	1-Butanol	7.3 T				UG/M3	7.3 NJ	
EPD-WA-06-030723	TO-15	2-Butoxyethanol	0 U,NF				UG/M3	0 U,NF	
EPD-WA-06-030723	TO-15	2-Ethylhexyl Acrylate	11 T				UG/M3	11 NJ	
EPD-WA-06-030723	TO-15	2-Methylbutane	5.1 T				UG/M3	5.1 NJ	
EPD-WA-06-030723	TO-15	BUTYL ESTER-2-PROPENOIC ACID	45 T				UG/M3	45 NJ	
EPD-WA-06-030723	TO-15	Ethyl Acetate	8.7 T				UG/M3	8.7 NJ	
EPD-WA-06-030723	TO-15	Hexamethylcyclotrisiloxane	2.7 T				UG/M3	2.7 NJ	
EPD-WA-06-030723	TO-15	n-Butane	2.8 T				UG/M3	2.8 NJ	
EPD-WA-06-030723	TO-15	n-Nonaldehyde	2.4 T				UG/M3	2.4 NJ	
EPD-WA-06-030723	TO-15	Propane	3.4 T				UG/M3	3.4 NJ	
EPD-WA-06-030723	TO-15	Unknown	5.6 T				UG/M3	5.6 NJ	
EPD-WA-06-030723	TO-15 SIM	1,1,1-Trichloroethane	0.031 U		0.011	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,1,2,2-Tetrachloroethane	0.031 U		0.011	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,1,2-Trichloroethane	0.12 U		0.0073	0.12	UG/M3	0.12 U	
EPD-WA-06-030723	TO-15 SIM	1,1,2-Trichlorotrifluoroethane	0.48		0.01	0.031	UG/M3	0.48	
EPD-WA-06-030723	TO-15 SIM	1,1-Dichloroethane	0.031 U		0.01	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,1-Dichloroethene	0.031 U		0.011	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,2,4-Trichlorobenzene	0.062 U		0.025	0.062	UG/M3	0.062 U	
EPD-WA-06-030723	TO-15 SIM	1,2,4-Trimethylbenzene	0.24		0.02	0.12	UG/M3	0.24	
EPD-WA-06-030723	TO-15 SIM	1,2-Dibromo 3-Chloropropane	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-06-030723	TO-15 SIM	1,2-Dibromoethane	0.031 U		0.0083	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,2-Dichlorobenzene	0.031 U		0.022	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,2-Dichloroethane	0.063		0.01	0.031	UG/M3	0.063	
EPD-WA-06-030723	TO-15 SIM	1,2-Dichloropropane	0.016 J		0.0076	0.031	UG/M3	0.016 J	
EPD-WA-06-030723	TO-15 SIM	1,3,5-Trimethylbenzene	0.062 J		0.017	0.12	UG/M3	0.062 J	
EPD-WA-06-030723	TO-15 SIM	1,3-Butadiene	0.043 J		0.0098	0.062	UG/M3	0.043 J	
EPD-WA-06-030723	TO-15 SIM	1,3-Dichlorobenzene	0.031 U		0.021	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	1,4-Dichlorobenzene	0.026 J		0.025	0.031	UG/M3	0.026 J	
EPD-WA-06-030723	TO-15 SIM	1,4-Dioxane	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-06-030723	TO-15 SIM	Acetone	3.8		0.29	3.1	UG/M3	3.8	
EPD-WA-06-030723	TO-15 SIM	Acrolein	0.21 J		0.043	0.25	UG/M3	0.21 J	
EPD-WA-06-030723	TO-15 SIM	Benzene	0.76		0.019	0.093	UG/M3	0.76	
EPD-WA-06-030723	TO-15 SIM	Bromodichloromethane	0.031 U		0.0072	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	Bromomethane	0.029 J		0.0083	0.031	UG/M3	0.029 J	
EPD-WA-06-030723	TO-15 SIM	Carbon Tetrachloride	0.44		0.0088	0.031	UG/M3	0.44	
EPD-WA-06-030723	TO-15 SIM	Chlorobenzene	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-WA-06-030723	TO-15 SIM	Chloroethane	0.016 J		0.0097	0.031	UG/M3	0.016 J	
EPD-WA-06-030723	TO-15 SIM	Chloroform	0.065 J		0.0099	0.12	UG/M3	0.065 J	
EPD-WA-06-030723	TO-15 SIM	Chloromethane	0.2		0.032	0.062	UG/M3	0.2	
EPD-WA-06-030723	TO-15 SIM	cis-1,2-Dichloroethene	0.031 U		0.0089	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	cis-1,3-Dichloropropene	0.062 U		0.0088	0.062	UG/M3	0.062 U	
EPD-WA-06-030723	TO-15 SIM	Dibromochloromethane	0.031 U		0.0079	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	Dichlorodifluoromethane (CFC 12)	2.3		0.011	0.062	UG/M3	2.3	
EPD-WA-06-030723	TO-15 SIM	Dichloromethane (Methylene Chloride)	0.32		0.0097	0.12	UG/M3	0.32	
EPD-WA-06-030723	TO-15 SIM	Ethylbenzene	0.15		0.015	0.12	UG/M3	0.15	
EPD-WA-06-030723	TO-15 SIM	Hexachlorobutadiene	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-WA-06-030723	TO-15 SIM	m,p-Xylenes	0.58		0.03	0.12	UG/M3	0.58	
EPD-WA-06-030723	TO-15 SIM	Methyl tert-Butyl Ether	0.031 U		0.015	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	Naphthalene	0.2		0.027	0.12	UG/M3	0.2	
EPD-WA-06-030723	TO-15 SIM	o-Xylene	0.23		0.016	0.12	UG/M3	0.23	
EPD-WA-06-030723	TO-15 SIM	Styrene	0.095 J		0.015	0.12	UG/M3	0.095 J	
EPD-WA-06-030723	TO-15 SIM	Tetrachloroethene	0.12		0.011	0.031	UG/M3	0.12	
EPD-WA-06-030723	TO-15 SIM	Toluene	0.97 B		0.015	0.12	UG/M3	0.97	
EPD-WA-06-030723	TO-15 SIM	trans-1,2-Dichloroethene	0.031 U		0.014	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	trans-1,3-Dichloropropene	0.062 U		0.006	0.062	UG/M3	0.062 U	
EPD-WA-06-030723	TO-15 SIM	Trichloroethene	0.031 U		0.0095	0.031	UG/M3	0.031 U	
EPD-WA-06-030723	TO-15 SIM	Trichlorofluoromethane	1.2		0.01	0.062	UG/M3	1.2	
EPD-WA-06-030723	TO-15 SIM	Vinyl Chloride	0.12		0.015	0.031	UG/M3	0.12	