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R5\_EastPalestine@epa.gov

March 9, 2023

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. 1676**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting these data validation reports for twenty-six samples, which include five soil samples, seventeen water samples and four sediment samples (including three field duplicate samples, an equipment blank, and two trip blanks) collected at the East Palestine site. The samples were collected on February 4, 8 and 10, 2023, and were analyzed for volatile organic compounds, semivolatile organic compounds, diesel range organics, oil range organics, and gasoline range organics by ALS Environmental. The final laboratory data package was received on February 24, 2023.

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

A few results were rejected due to holding time exceedances and low recoveries for some laboratory quality control samples. All other results may be used as qualified based on the findings of this validation effort.

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

Sincerely,

A handwritten signature in blue ink that reads 'Debbie Kutsal'.

Deb Kutsal  
Senior Chemist

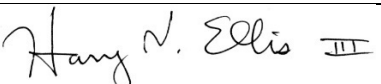
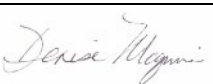
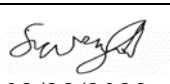
Enclosure

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  
ALS ENVIRONMENTAL REPORT NOS. 23020296, 23020743,  
23020880, AND 23020905**

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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	DTN 1676a		<b>Technical Reviewer (signature and date)</b>	 2 March 2023
<b>Data Reviewer (signature and date)</b>	 February 28, 2023	 02/28/2023	<b>Laboratory</b>	ALS Environmental/Holland, MI
<b>Laboratory Report No.</b>	23020296		<b>Analyses</b>	
			Volatile organic compounds (VOCs) by EPA Method 8260D, Semivolatile organic compounds (SVOCs) by EPA Method 8270E, Diesel Range Organics (DRO), Oil Range Organics (ORO), and Gasoline Range Organics (GRO) by EPA Method 8015D, and pH by Standard Methods A4500-H B-11	
<b>Samples and Matrix</b>	Three aqueous samples			
<b>Collection Date(s)</b>	02/04/2023			
<b>Field Duplicate Pairs</b>	NA			
<b>Field QC Blanks</b>	NA			

**INTRODUCTION**

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 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 data were rejected, but some were qualified as detailed below. All results may be used as qualified.

**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	pH is considered a field measurement to be performed within minutes after sample collection. Therefore, all laboratory results for pH were qualified as estimated (flagged J).

**Method blanks:**

Within Criteria	Exceedance/Notes
N	ORO: Method blank contained 0.07583 mg/L ORO. The ORO result for sample EPD-SW-01-01-020423 was qualified as nondetect (flagged U) at the reporting limit (RL) due to this deficiency.

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
N	<p>DRO/ORO: There were excessive recoveries of surrogate 4-terphenyl-d14 for samples EPD-SW-02-01-020423 and EPD-SW-03-01-020423, due to interferences from compounds in the samples. No qualifications were applied because the sample results were reported from 100-fold dilutions.</p> <p>SVOCs (EPD-SW-02-01-020423): Acid surrogate 2,4,6-tribromophenol was recovered above laboratory limits due to matrix interference. The detected phenol result for this sample were qualified as estimated with a possible high bias (flagged J+). Recoveries for surrogates 2-fluorophenol and phenol-d6 were unavailable due to sample matrix interference. No additional qualifications were applied.</p> <p>SVOCs (EPD-SW-03-01-020423): Recoveries for surrogates 2-fluorophenol and phenol-d6 were unavailable due to sample matrix interference. No qualifications were applied.</p>

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

**MS/MSDs :**

Within Criteria	Exceedance/Notes
N	GRO: The MS %R was below the acceptable range, but the MS/MSD average %R is acceptable; therefore, no qualification was applied. MS/MSDs analyzed in other data packages were not evaluated.

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
N	GRO (EPD-SW-01-01-020423): GRO was not detected in original sample, but was detected at a low concentration in the laboratory duplicate. The absolute difference is less than the reporting limit; therefore, no qualification was applied.

**Field duplicates:**

Within Criteria	Exceedance/Notes
NA	

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
Y	

**Sample dilutions:**

Within Criteria	Exceedance/Notes	
Y	Sample EPD-SW-02-01-020423 DRO/ORO/GRO/VOCs - 100X SVOCs - 10X	Sample EPD-SW-03-01-020423 DRO/ORO - 100X GRO - 10X VOCs - 100X

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

**Re-extraction and reanalysis:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**MDLs/RLs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	Results for analytes detected between the method detection limit and sample RL were qualified by the laboratory as estimated (flagged J).

**Tentatively identified compounds:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

**Other [specify]:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

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

**Overall Qualifications:**

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

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
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 AQUEOUS ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020296

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-02-01-020423	SW8015D	GRO (C6-C10)	59000			76	20000 ug/L	59000	
EPD-SW-02-01-020423	SW8260D	1,1,1-Trichloroethane	46	U		0.46	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,1,2,2-Tetrachloroethane	40	U		0.4	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,1,2-Trichloroethane	46	U		0.46	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,1,2-Trichlorotrifluoroethane	52	U		0.52	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,1-Dichloroethane	44	U		0.44	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,1-Dichloroethene	40	U		0.4	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,1-Dichloropropene	37	U		0.37	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2,3-Trichlorobenzene	42	U		0.42	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2,3-Trichloropropane	40	U		0.4	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2,4-Trichlorobenzene	45	U		0.45	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2,4-Trimethylbenzene	45	U		0.45	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2-Dibromo-3-chloropropane	43	U		0.43	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2-Dibromoethane	41	U		0.41	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2-Dichlorobenzene	32	U		0.32	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2-Dichloroethane	44	U		0.44	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,2-Dichloropropane	48	U		0.48	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,3,5-Trimethylbenzene	65	U		0.65	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,3-Dichlorobenzene	33	U		0.33	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	1,4-Dichlorobenzene	35	U		0.35	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	2-Butanone	52	U		0.52	500 ug/L	500	U
EPD-SW-02-01-020423	SW8260D	2-Hexanone	59	U		0.59	500 ug/L	500	U
EPD-SW-02-01-020423	SW8260D	4-Methyl-2-pentanone	52	U		0.52	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Acetone	110	U		1.1	1000 ug/L	1000	U
EPD-SW-02-01-020423	SW8260D	Benzene	46	U		0.46	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Bromochloromethane	45	U		0.45	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Bromodichloromethane	49	U		0.49	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Bromoform	56	U		0.56	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Bromomethane	90	U		0.9	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Carbon disulfide	49	U		0.49	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Carbon tetrachloride	40	U		0.4	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Chlorobenzene	40	U		0.4	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Chloroethane	68	U		0.68	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Chloroform	46	U		0.46	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Chloromethane	83	U		0.83	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	cis-1,2-Dichloroethene	42	U		0.42	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	cis-1,3-Dichloropropene	57	U		0.57	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Cyclohexane	63	U		0.63	200 ug/L	200	U
EPD-SW-02-01-020423	SW8260D	Dibromochloromethane	40	U		0.4	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Dibromodifluoromethane	46	U		0.46	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Ethylbenzene	34	U		0.34	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Isopropylbenzene	35	U		0.35	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	m,p-Xylene	81	U		0.81	200 ug/L	200	U
EPD-SW-02-01-020423	SW8260D	Methyl acetate	59	U		0.59	200 ug/L	200	U
EPD-SW-02-01-020423	SW8260D	Methyl tert-butyl ether	45	U		0.45	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Methylcyclohexane	35	U		0.35	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Methylene chloride	86	U		0.86	500 ug/L	500	U
EPD-SW-02-01-020423	SW8260D	o-Xylene	31	U		0.31	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Styrene	33	U		0.33	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Tetrachloroethene	39	U		0.39	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Toluene	45	U		0.45	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	trans-1,2-Dichloroethene	48	U		0.48	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	trans-1,3-Dichloropropene	38	U		0.38	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Trichloroethene	43	U		0.43	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Trichlorofluoromethane	52	U		0.52	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Vinyl chloride	53	U		0.53	100 ug/L	100	U
EPD-SW-02-01-020423	SW8260D	Xylenes, Total	81	U		0.81	200 ug/L	200	U
EPD-SW-02-01-020423	SW8015D	DRO (C10-C28)	110			0.081	10 mg/L	110	J+
EPD-SW-02-01-020423	SW8015D	ORO (C28-C40)	480			0.051	10 mg/L	480	J+
EPD-SW-02-01-020423	SW8270E	Fluoranthene	9.1			0.038	6 ug/L	9.1	
EPD-SW-02-01-020423	SW8270E	Naphthalene	7.9			0.067	6 ug/L	7.9	
EPD-SW-02-01-020423	SW8270E	Phenanthrene	10			0.081	6 ug/L	10	

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020296

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-02-01-020423	SW8270E	Pyrene	7.3		0.036		6 ug/L	7.3	
EPD-SW-02-01-020423	A4500-H B-11	pH (laboratory)	7.59	H	0.1		0.1 s.u.	7.59	J
EPD-SW-02-01-020423	SW8270E	Anthracene	3.6	J	0.028		6 ug/L	3.6	J
EPD-SW-02-01-020423	SW8270E	Fluorene	4.8	J	0.051		6 ug/L	4.8	J
EPD-SW-02-01-020423	SW8270E	Phenol	20	J	0.21		60 ug/L	20	J+
EPD-SW-02-01-020423	SW8270E	1,1'-Biphenyl	25	U	0.42		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	1,2,4,5-Tetrachlorobenzene	21	U	0.34		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	1,4-Dioxane	44	U	0.72		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	1-Methylnaphthalene	5	U	0.083		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	2,2'-Oxybis(1-chloropropane)	14	U	0.23		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,3,4,6-Tetrachlorophenol	27	U	0.45		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,4,5-Trichlorophenol	10	U	0.17		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,4,6-Trichlorophenol	15	U	0.25		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,4-Dichlorophenol	21	U	0.35		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,4-Dimethylphenol	22	U	0.36		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,4-Dinitrophenol	160	U	2.6		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	2,4-Dinitrotoluene	25	U	0.42		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2,6-Dinitrotoluene	20	U	0.33		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2-Chloronaphthalene	4.5	U	0.075		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	2-Chlorophenol	14	U	0.23		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2-Methylnaphthalene	3.9	U	0.065		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	2-Methylphenol	15	U	0.25		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2-Nitroaniline	13	U	0.21		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	2-Nitrophenol	21	U	0.34		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	3&4-Methylphenol	13	U	0.21		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	3,3'-Dichlorobenzidine	28	U	0.46		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	3-Nitroaniline	39	U	0.64		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4,6-Dinitro-2-methylphenol	16	U	0.27		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4-Bromophenyl phenyl ether	20	U	0.33		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4-Chloro-3-methylphenol	16	U	0.26		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4-Chloroaniline	21	U	0.34		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4-Chlorophenyl phenyl ether	19	U	0.31		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4-Nitroaniline	34	U	0.57		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	4-Nitrophenol	15	U	0.24		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	Acenaphthene	4.9	U	0.081		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Acenaphthylene	4.5	U	0.075		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Acetophenone	22	U	0.37		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Atrazine	21	U	0.35		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Benzaldehyde	31	U	0.52		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Benzo(a)anthracene	6	U	0.099		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Benzo(a)pyrene	2.7	U	0.044		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Benzo(b)fluoranthene	3.1	U	0.051		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Benzo(g,h,i)perylene	5.4	U	0.089		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Benzo(k)fluoranthene	2.9	U	0.048		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Bis(2-chloroethoxy)methane	18	U	0.29		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Bis(2-chloroethyl)ether	22	U	0.37		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Bis(2-chloroisopropyl)ether	14	U	0.23		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Bis(2-ethylhexyl)phthalate	24	U	0.4		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Butyl benzyl phthalate	18	U	0.3		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Caprolactam	58	U	0.96		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	Carbazole	15	U	0.24		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Chrysene	2.9	U	0.048		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Dibenzo(a,h)anthracene	4.4	U	0.073		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Dibenzofuran	14	U	0.23		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Diethyl phthalate	10	U	0.17		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Dimethyl phthalate	11	U	0.18		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Di-n-butyl phthalate	13	U	0.21		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Di-n-octyl phthalate	32	U	0.53		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Hexachlorobenzene	27	U	0.44		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Hexachlorobutadiene	38	U	0.63		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Hexachlorocyclopentadiene	66	U	1.1		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	Hexachloroethane	37	U	0.62		60 ug/L	60	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-02-01-020423	SW8270E	Indeno(1,2,3-cd)pyrene	4	U	0.067		6 ug/L	6.0	U
EPD-SW-02-01-020423	SW8270E	Isophorone	21	U	0.34		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	Nitrobenzene	16	U	0.26		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	N-Nitrosodi-n-propylamine	21	U	0.35		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	N-Nitrosodiphenylamine	30	U	0.49		60 ug/L	60	U
EPD-SW-02-01-020423	SW8270E	Pentachlorophenol	59	U	0.97		300 ug/L	300	U
EPD-SW-02-01-020423	SW8270E	Pyridine	34	U	0.57		600 ug/L	600	U
EPD-SW-01-01-020423	SW8015D	GRO (C6-C10)	76	U	76		200 ug/L	200	U
EPD-SW-01-01-020423	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,1-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,1-Dichloroethene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,1-Dichloropropene	0.37	U	0.37		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2-Dibromoethane	0.41	U	0.41		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,2-Dichloropropane	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	2-Butanone	0.52	U	0.52		5 ug/L	5.0	U
EPD-SW-01-01-020423	SW8260D	2-Hexanone	0.59	U	0.59		5 ug/L	5.0	U
EPD-SW-01-01-020423	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Acetone	1.1	U	1.1		10 ug/L	10	U
EPD-SW-01-01-020423	SW8260D	Benzene	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Bromochloromethane	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Bromodichloromethane	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Bromoform	0.56	U	0.56		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Bromomethane	0.9	U	0.9		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Carbon disulfide	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Carbon tetrachloride	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Chlorobenzene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Chloroethane	0.68	U	0.68		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Chloroform	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Chloromethane	0.83	U	0.83		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Cyclohexane	0.63	U	0.63		2 ug/L	2.0	U
EPD-SW-01-01-020423	SW8260D	Dibromochloromethane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Dibromodifluoromethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Ethylbenzene	0.34	U	0.34		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Isopropylbenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	m,p-Xylene	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-01-01-020423	SW8260D	Methyl acetate	0.59	U	0.59		2 ug/L	2.0	U
EPD-SW-01-01-020423	SW8260D	Methyl tert-butyl ether	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Methylcyclohexane	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Methylene chloride	0.86	U	0.86		5 ug/L	5.0	U
EPD-SW-01-01-020423	SW8260D	o-Xylene	0.31	U	0.31		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-01-01-020423	SW8260D	Vinyl chloride	0.53	U	0.53		1 ug/L	1.0	U
EPD-SW-01-01-020423	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-01-01-020423	A4500-H B-11	pH (laboratory)	8.3	H	0.1	0.1 s.u.		8.3	J
EPD-SW-01-01-020423	SW8015D	ORO (C28-C40)	0.085	J	0.051	0.1 mg/L		0.1	U
EPD-SW-01-01-020423	SW8015D	DRO (C10-C28)	0.083	U	0.081	0.1 mg/L		0.1	U
EPD-SW-01-01-020423	SW8270E	1,1'-Biphenyl	0.5	U	0.42	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	1,2,4,5-Tetrachlorobenzene	0.4	U	0.34	5.9 ug/L		5.9	U
EPD-SW-01-01-020423	SW8270E	1,4-Dioxane	0.85	U	0.72	5.9 ug/L		5.9	U
EPD-SW-01-01-020423	SW8270E	1-Methylnaphthalene	0.098	U	0.083	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	2,2'-Oxybis(1-chloropropane)	0.27	U	0.23	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,3,4,6-Tetrachlorophenol	0.53	U	0.45	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,4,5-Trichlorophenol	0.2	U	0.17	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,4,6-Trichlorophenol	0.3	U	0.25	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,4-Dichlorophenol	0.41	U	0.35	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,4-Dimethylphenol	0.42	U	0.36	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,4-Dinitrophenol	3.1	U	2.6	5.9 ug/L		5.9	U
EPD-SW-01-01-020423	SW8270E	2,4-Dinitrotoluene	0.5	U	0.42	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2,6-Dinitrotoluene	0.39	U	0.33	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2-Chloronaphthalene	0.089	U	0.075	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	2-Chlorophenol	0.27	U	0.23	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2-Methylnaphthalene	0.077	U	0.065	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	2-Methylphenol	0.3	U	0.25	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2-Nitroaniline	0.25	U	0.21	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	2-Nitrophenol	0.4	U	0.34	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	3&4-Methylphenol	0.25	U	0.21	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	3,3'-Dichlorobenzidine	0.54	U	0.46	5.9 ug/L		5.9	U
EPD-SW-01-01-020423	SW8270E	3-Nitroaniline	0.76	U	0.64	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4,6-Dinitro-2-methylphenol	0.32	U	0.27	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4-Bromophenyl phenyl ether	0.39	U	0.33	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4-Chloro-3-methylphenol	0.31	U	0.26	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4-Chloroaniline	0.4	U	0.34	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4-Chlorophenyl phenyl ether	0.37	U	0.31	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4-Nitroaniline	0.67	U	0.57	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	4-Nitrophenol	0.28	U	0.24	5.9 ug/L		5.9	U
EPD-SW-01-01-020423	SW8270E	Acenaphthene	0.096	U	0.081	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Acenaphthylene	0.089	U	0.075	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Acetophenone	0.44	U	0.37	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Anthracene	0.033	U	0.028	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Atrazine	0.41	U	0.35	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Benzaldehyde	0.61	U	0.52	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Benzo(a)anthracene	0.12	U	0.099	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Benzo(a)pyrene	0.052	U	0.044	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Benzo(b)fluoranthene	0.06	U	0.051	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Benzo(g,h,i)perylene	0.11	U	0.089	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Benzo(k)fluoranthene	0.057	U	0.048	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Bis(2-chloroethoxy)methane	0.34	U	0.29	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Bis(2-chloroethyl)ether	0.44	U	0.37	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Bis(2-chloroisopropyl)ether	0.27	U	0.23	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Bis(2-ethylhexyl)phthalate	0.47	U	0.4	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Butyl benzyl phthalate	0.35	U	0.3	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Caprolactam	1.1	U	0.96	5.9 ug/L		5.9	U
EPD-SW-01-01-020423	SW8270E	Carbazole	0.28	U	0.24	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Chrysene	0.057	U	0.048	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Dibenzo(a,h)anthracene	0.086	U	0.073	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Dibenzofuran	0.27	U	0.23	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Diethyl phthalate	0.2	U	0.17	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Dimethyl phthalate	0.21	U	0.18	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Di-n-butyl phthalate	0.25	U	0.21	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Di-n-octyl phthalate	0.63	U	0.53	1.2 ug/L		1.2	U
EPD-SW-01-01-020423	SW8270E	Fluoranthene	0.045	U	0.038	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Fluorene	0.06	U	0.051	0.12 ug/L		0.12	U
EPD-SW-01-01-020423	SW8270E	Hexachlorobenzene	0.52	U	0.44	1.2 ug/L		1.2	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-01-01-020423	SW8270E	Hexachlorobutadiene	0.74	U		0.63	1.2 ug/L	1.2	U
EPD-SW-01-01-020423	SW8270E	Hexachlorocyclopentadiene	1.3	U		1.1	5.9 ug/L	5.9	U
EPD-SW-01-01-020423	SW8270E	Hexachloroethane	0.73	U		0.62	1.2 ug/L	1.2	U
EPD-SW-01-01-020423	SW8270E	Indeno(1,2,3-cd)pyrene	0.079	U		0.067	0.12 ug/L	0.12	U
EPD-SW-01-01-020423	SW8270E	Isophorone	0.4	U		0.34	5.9 ug/L	5.9	U
EPD-SW-01-01-020423	SW8270E	Naphthalene	0.079	U		0.067	0.12 ug/L	0.12	U
EPD-SW-01-01-020423	SW8270E	Nitrobenzene	0.31	U		0.26	1.2 ug/L	1.2	U
EPD-SW-01-01-020423	SW8270E	N-Nitrosodi-n-propylamine	0.41	U		0.35	1.2 ug/L	1.2	U
EPD-SW-01-01-020423	SW8270E	N-Nitrosodiphenylamine	0.58	U		0.49	1.2 ug/L	1.2	U
EPD-SW-01-01-020423	SW8270E	Pentachlorophenol	1.1	U		0.97	5.9 ug/L	5.9	U
EPD-SW-01-01-020423	SW8270E	Phenanthrene	0.096	U		0.081	0.12 ug/L	0.12	U
EPD-SW-01-01-020423	SW8270E	Phenol	0.25	U		0.21	1.2 ug/L	1.2	U
EPD-SW-01-01-020423	SW8270E	Pyrene	0.042	U		0.036	0.12 ug/L	0.12	U
EPD-SW-01-01-020423	SW8270E	Pyridine	0.67	U		0.57	12 ug/L	12	U
EPD-SW-03-01-020423	SW8015D	GRO (C6-C10)	130000			76	2000 ug/L	130000	
EPD-SW-03-01-020423	SW8260D	1,1,1-Trichloroethane	46	U		0.46	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,1,2,2-Tetrachloroethane	40	U		0.4	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,1,2-Trichloroethane	46	U		0.46	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,1,2-Trichlorotrifluoroethane	52	U		0.52	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,1-Dichloroethane	44	U		0.44	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,1-Dichloroethene	40	U		0.4	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,1-Dichloropropene	37	U		0.37	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2,3-Trichlorobenzene	42	U		0.42	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2,3-Trichloropropane	40	U		0.4	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2,4-Trichlorobenzene	45	U		0.45	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2,4-Trimethylbenzene	45	U		0.45	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2-Dibromo-3-chloropropane	43	U		0.43	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2-Dibromoethane	41	U		0.41	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2-Dichlorobenzene	32	U		0.32	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2-Dichloroethane	44	U		0.44	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,2-Dichloropropane	48	U		0.48	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,3,5-Trimethylbenzene	65	U		0.65	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,3-Dichlorobenzene	33	U		0.33	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	1,4-Dichlorobenzene	35	U		0.35	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	2-Butanone	52	U		0.52	500 ug/L	500	U
EPD-SW-03-01-020423	SW8260D	2-Hexanone	59	U		0.59	500 ug/L	500	U
EPD-SW-03-01-020423	SW8260D	4-Methyl-2-pentanone	52	U		0.52	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Acetone	110	U		1.1	1000 ug/L	1000	U
EPD-SW-03-01-020423	SW8260D	Benzene	46	U		0.46	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Bromochloromethane	45	U		0.45	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Bromodichloromethane	49	U		0.49	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Bromoform	56	U		0.56	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Bromomethane	90	U		0.9	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Carbon disulfide	49	U		0.49	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Carbon tetrachloride	40	U		0.4	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Chlorobenzene	40	U		0.4	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Chloroethane	68	U		0.68	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Chloroform	46	U		0.46	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Chloromethane	83	U		0.83	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	cis-1,2-Dichloroethene	42	U		0.42	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	cis-1,3-Dichloropropene	57	U		0.57	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Cyclohexane	63	U		0.63	200 ug/L	200	U
EPD-SW-03-01-020423	SW8260D	Dibromochloromethane	40	U		0.4	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Dibromodifluoromethane	46	U		0.46	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Ethylbenzene	34	U		0.34	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Isopropylbenzene	35	U		0.35	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	m,p-Xylene	81	U		0.81	200 ug/L	200	U
EPD-SW-03-01-020423	SW8260D	Methyl acetate	59	U		0.59	200 ug/L	200	U
EPD-SW-03-01-020423	SW8260D	Methyl tert-butyl ether	45	U		0.45	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Methylcyclohexane	35	U		0.35	100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Methylene chloride	86	U		0.86	500 ug/L	500	U
EPD-SW-03-01-020423	SW8260D	o-Xylene	31	U		0.31	100 ug/L	100	U

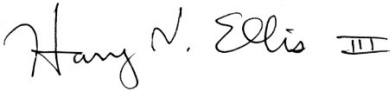
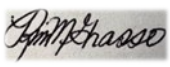

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020296

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-020423	SW8260D	Styrene	33	U	0.33		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Tetrachloroethene	39	U	0.39		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Toluene	45	U	0.45		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	trans-1,2-Dichloroethene	48	U	0.48		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	trans-1,3-Dichloropropene	38	U	0.38		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Trichloroethene	43	U	0.43		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Trichlorofluoromethane	52	U	0.52		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Vinyl chloride	53	U	0.53		100 ug/L	100	U
EPD-SW-03-01-020423	SW8260D	Xylenes, Total	81	U	0.81		200 ug/L	200	U
EPD-SW-03-01-020423	SW8015D	DRO (C10-C28)	370		0.081		10 mg/L	370	J+
EPD-SW-03-01-020423	SW8015D	ORO (C28-C40)	1200		0.051		10 mg/L	1200	J+
EPD-SW-03-01-020423	SW8270E	1-Methylnaphthalene	0.46		0.083		0.12 ug/L	0.46	
EPD-SW-03-01-020423	SW8270E	2-Methylnaphthalene	0.82		0.065		0.12 ug/L	0.82	
EPD-SW-03-01-020423	SW8270E	Acenaphthene	0.87		0.081		0.12 ug/L	0.87	
EPD-SW-03-01-020423	SW8270E	Acenaphthylene	1		0.075		0.12 ug/L	1.0	
EPD-SW-03-01-020423	SW8270E	Anthracene	0.74		0.028		0.12 ug/L	0.74	
EPD-SW-03-01-020423	SW8270E	Benzo(a)anthracene	0.68		0.099		0.12 ug/L	0.68	
EPD-SW-03-01-020423	SW8270E	Chrysene	0.74		0.048		0.12 ug/L	0.74	
EPD-SW-03-01-020423	SW8270E	Fluoranthene	2.7		0.038		0.12 ug/L	2.7	
EPD-SW-03-01-020423	SW8270E	Fluorene	1		0.051		0.12 ug/L	1.0	
EPD-SW-03-01-020423	SW8270E	Phenanthrene	3.1		0.081		0.12 ug/L	3.1	
EPD-SW-03-01-020423	SW8270E	Pyrene	2.2		0.036		0.12 ug/L	2.2	
EPD-SW-03-01-020423	A4500-H B-11	pH (laboratory)	8.11	H	0.1	0.1	s.u.	8.11	J
EPD-SW-03-01-020423	SW8270E	1,4-Dioxane	1.1	J	0.72		5.8 ug/L	1.1	J
EPD-SW-03-01-020423	SW8270E	Dibenzofuran	0.66	J	0.23		1.2 ug/L	0.66	J
EPD-SW-03-01-020423	SW8270E	1,1'-Biphenyl	0.49	U	0.42		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	1,2,4,5-Tetrachlorobenzene	0.39	U	0.34		5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	2,2'-Oxybis(1-chloropropane)	0.27	U	0.23		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,3,4,6-Tetrachlorophenol	0.52	U	0.45		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,4,5-Trichlorophenol	0.2	U	0.17		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,4,6-Trichlorophenol	0.29	U	0.25		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,4-Dichlorophenol	0.4	U	0.35		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,4-Dimethylphenol	0.42	U	0.36		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,4-Dinitrophenol	3	U	2.6		5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	2,4-Dinitrotoluene	0.49	U	0.42		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2,6-Dinitrotoluene	0.38	U	0.33		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2-Chloronaphthalene	0.087	U	0.075		0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	2-Chlorophenol	0.27	U	0.23		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2-Methylphenol	0.29	U	0.25		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2-Nitroaniline	0.24	U	0.21		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	2-Nitrophenol	0.39	U	0.34		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	3&4-Methylphenol	0.24	U	0.21		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	3,3'-Dichlorobenzidine	0.53	U	0.46		5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	3-Nitroaniline	0.74	U	0.64		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4,6-Dinitro-2-methylphenol	0.31	U	0.27		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4-Bromophenyl phenyl ether	0.38	U	0.33		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4-Chloro-3-methylphenol	0.3	U	0.26		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4-Chloroaniline	0.39	U	0.34		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4-Chlorophenyl phenyl ether	0.36	U	0.31		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4-Nitroaniline	0.66	U	0.57		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	4-Nitrophenol	0.28	U	0.24		5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	Acetophenone	0.43	U	0.37		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Atrazine	0.4	U	0.35		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Benzaldehyde	0.6	U	0.52		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Benzo(a)pyrene	0.051	U	0.044		0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Benzo(b)fluoranthene	0.059	U	0.051		0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Benzo(g,h,i)perylene	0.1	U	0.089		0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Benzo(k)fluoranthene	0.056	U	0.048		0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Bis(2-chloroethoxy)methane	0.34	U	0.29		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Bis(2-chloroethyl)ether	0.43	U	0.37		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Bis(2-chloroisopropyl)ether	0.27	U	0.23		1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Bis(2-ethylhexyl)phthalate	0.46	U	0.4		1.2 ug/L	1.2	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-020423	SW8270E	Butyl benzyl phthalate	0.35	U		0.3	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Caprolactam	1.1	U		0.96	5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	Carbazole	0.28	U		0.24	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Dibenzo(a,h)anthracene	0.084	U		0.073	0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Diethyl phthalate	0.2	U		0.17	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Dimethyl phthalate	0.21	U		0.18	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Di-n-butyl phthalate	0.24	U		0.21	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Di-n-octyl phthalate	0.61	U		0.53	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Hexachlorobenzene	0.51	U		0.44	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Hexachlorobutadiene	0.73	U		0.63	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Hexachlorocyclopentadiene	1.3	U		1.1	5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	Hexachloroethane	0.72	U		0.62	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Indeno(1,2,3-cd)pyrene	0.078	U		0.067	0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Isophorone	0.39	U		0.34	5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	Naphthalene	0.078	U		0.067	0.12 ug/L	0.12	U
EPD-SW-03-01-020423	SW8270E	Nitrobenzene	0.3	U		0.26	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	N-Nitrosodi-n-propylamine	0.4	U		0.35	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	N-Nitrosodiphenylamine	0.57	U		0.49	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Pentachlorophenol	1.1	U		0.97	5.8 ug/L	5.8	U
EPD-SW-03-01-020423	SW8270E	Phenol	0.24	U		0.21	1.2 ug/L	1.2	U
EPD-SW-03-01-020423	SW8270E	Pyridine	0.66	U		0.57	12 ug/L	12	U

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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	1676b		<b>Technical Reviewer (signature and date)</b>	 2 March 2023
<b>Data Reviewer (signature and date)</b>	 February 28, 2023	 03/01/2023	<b>Laboratory</b>	ALS Environmental/Holland, MI
<b>Laboratory Report No.</b>	23020743			
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA Method 8260D, Semivolatile organic compounds (SVOCs) by EPA Method 8270E, and Diesel Range Organics (DRO), Oil Range Organics (ORO), and Gasoline Range Organics (GRO) by EPA Method 8015D			
<b>Samples and Matrix</b>	Five water samples including one field duplicate, one trip blank, and one equipment rinsate blank, plus four sediment samples including one field duplicate			
<b>Collection Date(s)</b>	02/08/2023			
<b>Field Duplicate Pairs</b>	EPD-SD01-SR-230208/EPD-SD04-SR-230208 and EPD-SW01-SR-230208/EPD-SW02-SR-230208			
<b>Field QC Blanks</b>	230208-EB and TRIP BLANK			

**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**

Some SVOC results were rejected due to low LCS recoveries. All remaining results may be used as qualified below.

**Data completeness:**

Within Criteria	Exceedance/Notes
Y	



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**Sample preservation, receipt, and holding times:**

Within Criteria	Exceedance/Notes
Y	

**Method blanks:**

Within Criteria	Exceedance/Notes
N	VOCs (Batch R364174c): The method blank contained acetone at 1.12 ug/L. The acetone result for associated equipment blank sample 230208_EB was qualified as nondetect (flagged U) at the reporting limit (RL).

**Field blanks:**

Within Criteria	Exceedance/Notes
N	VOCs: The trip blank contained 1.2 µg/L chloroform. Equipment rinsate blank 230208-EB also contained 1.2 µg/L chloroform. The equipment rinsate blank chloroform result was qualified as nondetect (flagged U) at the RL. Chloroform was not detected in any of the other field samples so no additional qualifications were applied.

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
	<p>DRO/ORO: Surrogate 4-terphenyl-d14 for samples EPD-SW01-SR-230208, EPD-SW02-SR-230208, and EPD-03-SR-230208 was recovered high due to matrix interference. All three samples were analyzed at greater than twentyfold dilutions; therefore, no qualifications were applied.</p> <p>SVOCs: 2,4,6-Tribromophenol was recovered high for sample EPD-SW01-SR-230208. The sample underwent a 20x dilution; therefore, no qualifications were applied.</p>

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**MS/MSDs:**

Within Criteria	Exceedance/Notes
N	<p>VOCs (EPD-SD01-SR-230208): This matrix spike pair reported acetone percent recoveries (%R) above the laboratory limit; therefore, the acetone result for the parent sample was qualified as estimated with a possible high bias (flagged J+). 1,1,2-Trichlorotrifluoroethane, 2-Hexanone, and tetrachloroethene %Rs were above QC limits. Since these compounds were not detected in the unspiked sample, no qualifications were applied.</p> <p>VOCs (EPD-SW01-SR-230208): This matrix spike pair reported vinyl chloride %Rs above the QC limit; therefore, the vinyl chloride result for the parent sample was qualified as estimated with a possible high bias (flagged J+). In addition, 1,1-dichloroethene, chloroethane, methylene chloride, and trichlorofluoromethane recoveries were above QC limits. None of these analytes was detected in the unspiked sample; therefore, no qualifications were applied.</p> <p>VOCs (EPD-SD04-SR-230208): This matrix spike reported 2-hexanone and acetone %Rs above the QC limit. The acetone result was qualified as estimated with a possible high bias (flagged J+). 2-Hexanone was not detected in the unspiked sample; therefore, no qualification was applied. 1,2,3-Trichlorobenzene and 1,2,4-trichlorobenzene %Rs were below the QC limit; therefore, the non-detect parent sample 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene results were qualified as estimated with a possible low bias (flagged UJ).</p> <p>SVOCs (EPD-SW01-SR-230208): This matrix spike pair was analyzed at a 20X dilution and many of the spiked compounds were diluted out, resulting in %Rs of zero. Note also that some compounds were diluted out in the MS but not in the MSD. Parent sample results for diluted out compounds were not qualified. 4-Chloroaniline, bis(2-ethylhexyl)phthalate, and di-n-octyl phthalate were recovered above QC limits, but were not detected in the parent sample; therefore, no qualifications were applied. All elevated RPDs (except for fluoranthene and phenanthrene) were associated with non-detect parent sample results; thus, no qualifications were applied. The parent sample fluoranthene and phenanthrene results were qualified as estimated (flagged J) due to RPD exceedances.</p> <p>DRO/ORO (EPD-SW01-SR-230208): MS/MSD results were not evaluated because the unspiked sample contained greater than 4x the amount spiked.</p> <p>MS/MSDs using samples from other SDGs were not evaluated.</p>

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
Y	

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

**Field duplicates:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	EPD-SW02-SR-230208/ EPD-SW01-230208: The RPD for both DRO and ORO was outside QC limits. Results for both these analytes for both samples were qualified as estimated (flagged J).

**LCSs/LCSDs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	SVOCs (batch 211180): LCS %Rs for 3-Nitroaniline, 4-chloroaniline, and benzaldehyde were below QC limits and pentachlorophenol %R was above QC limits. Pentachlorophenol sample results are nondetect and were not impacted. The 3-Nitroaniline, 4-chloroaniline, and Benzaldehyde results for associated samples EPD-SW03-SR-230208, EPD-SD01-SR-230208, EPD-SD02-BP1-230208, EPD-SD03-BP1-230208, and EPD-SD04-SR-230208 were rejected (flagged R).

**Sample dilutions:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>						
	EPD-SW01-SR-230208	EPD-SW02-SR-230208	EPD-SW03-SR-230208	EPD-SD01-SR-230208	EPD-SD02-BP1-230208	EPD-SD03-BP1-230208	EPD-SD04-SR-230208
Y	DRO - 100X ORO - 200X GRO - 10X SVOCs - 20X VOCs - 100X	DRO - 1000X ORO - 2000X GRO - 10X SVOCs - 20X VOCs - 100X	DRO - 100X ORO - 200X GRO - 10X SVOCs - 10X	DRO - 10X ORO - 10X SVOCs - 10X	DRO - 10X ORO - 10X GRO - 10X SVOCs - 10X VOCs - 100X	DRO - 10X ORO - 10X GRO - 10X SVOCs - 10X VOCs - 100X	DRO - 10X ORO - 10X SVOCs - 10X

**Re-extraction and reanalysis:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

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**MDLs/RLs:**

Within Criteria	Exceedance/Notes
Y	Analytes detected between the method detection limit and the sample RL were qualified by the laboratory as estimated (flagged J).

**Tentatively identified compounds:**

Within Criteria	Exceedance/Notes
N	As requested, the laboratory scanned for tentatively identified compounds (TICs) in the VOC and SVOC analyses. The detected TICs are included in the laboratory report but not in the EDD, and therefore, are not included in validated EDD or the qualified data table.

**Other [specify]:**

Within Criteria	Exceedance/Notes
N	There are inconsistencies in the EDD with reporting of non-detect results. The lab reported some non-detect results at the MDL and some at the RL. Non-detect results are reported at the RL in the attached qualified data table.

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

**Overall Qualifications:**

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

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
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 AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020743

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
230208-EB	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46		1 ug/L	1.0	U
230208-EB	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4		1 ug/L	1.0	U
230208-EB	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46		1 ug/L	1.0	U
230208-EB	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52		1 ug/L	1.0	U
230208-EB	SW8270E	1,1'-Biphenyl	0.44	U	0.42		1 ug/L	1.0	U
230208-EB	SW8260D	1,1-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
230208-EB	SW8260D	1,1-Dichloroethene	0.4	U	0.4		1 ug/L	1.0	U
230208-EB	SW8260D	1,1-Dichloropropene	0.37	U	0.37		1 ug/L	1.0	U
230208-EB	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42		1 ug/L	1.0	U
230208-EB	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4		1 ug/L	1.0	U
230208-EB	SW8270E	1,2,4,5-Tetrachlorobenzene	0.35	U	0.34	5.2	ug/L	5.2	U
230208-EB	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45		1 ug/L	1.0	U
230208-EB	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45		1 ug/L	1.0	U
230208-EB	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43		1 ug/L	1.0	U
230208-EB	SW8260D	1,2-Dibromoethane	0.41	U	0.41		1 ug/L	1.0	U
230208-EB	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32		1 ug/L	1.0	U
230208-EB	SW8260D	1,2-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
230208-EB	SW8260D	1,2-Dichloropropane	0.48	U	0.48		1 ug/L	1.0	U
230208-EB	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65		1 ug/L	1.0	U
230208-EB	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33		1 ug/L	1.0	U
230208-EB	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35		1 ug/L	1.0	U
230208-EB	SW8270E	1,4-Dioxane	0.75	U	0.72	5.2	ug/L	5.2	U
230208-EB	SW8270E	1-Methylnaphthalene	0.086	U	0.083	0.1	ug/L	0.10	U
230208-EB	SW8270E	2,2'-Oxybis(1-chloropropane)	0.24	U	0.23		1 ug/L	1.0	U
230208-EB	SW8270E	2,3,4,6-Tetrachlorophenol	0.47	U	0.45		1 ug/L	1.0	U
230208-EB	SW8270E	2,4,5-Trichlorophenol	0.18	U	0.17		1 ug/L	1.0	U
230208-EB	SW8270E	2,4,6-Trichlorophenol	0.26	U	0.25		1 ug/L	1.0	U
230208-EB	SW8270E	2,4-Dichlorophenol	0.36	U	0.35		1 ug/L	1.0	U
230208-EB	SW8270E	2,4-Dimethylphenol	0.37	U	0.36		1 ug/L	1.0	U
230208-EB	SW8270E	2,4-Dinitrophenol	2.7	U	2.6	5.2	ug/L	5.2	U
230208-EB	SW8270E	2,4-Dinitrotoluene	0.44	U	0.42		1 ug/L	1.0	U
230208-EB	SW8270E	2,6-Dinitrotoluene	0.34	U	0.33		1 ug/L	1.0	U
230208-EB	SW8260D	2-Butanone	0.52	U	0.52	5	ug/L	5.0	U
230208-EB	SW8270E	2-Chloronaphthalene	0.078	U	0.075	0.1	ug/L	0.10	U
230208-EB	SW8270E	2-Chlorophenol	0.24	U	0.23		1 ug/L	1.0	U
230208-EB	SW8260D	2-Hexanone	0.59	U	0.59	5	ug/L	5.0	U
230208-EB	SW8270E	2-Methylnaphthalene	0.068	U	0.065	0.1	ug/L	0.10	U
230208-EB	SW8270E	2-Methylphenol	0.26	U	0.25		1 ug/L	1.0	U
230208-EB	SW8270E	2-Nitroaniline	0.22	U	0.21		1 ug/L	1.0	U
230208-EB	SW8270E	2-Nitrophenol	0.35	U	0.34		1 ug/L	1.0	U
230208-EB	SW8270E	3&4-Methylphenol	0.22	U	0.21		1 ug/L	1.0	U
230208-EB	SW8270E	3,3'-Dichlorobenzidine	0.48	U	0.46	5.2	ug/L	5.2	U
230208-EB	SW8270E	3-Nitroaniline	0.67	U	0.64		1 ug/L	1.0	U
230208-EB	SW8270E	4,6-Dinitro-2-methylphenol	0.28	U	0.27		1 ug/L	1.0	U
230208-EB	SW8270E	4-Bromophenyl phenyl ether	0.34	U	0.33		1 ug/L	1.0	U
230208-EB	SW8270E	4-Chloro-3-methylphenol	0.27	U	0.26		1 ug/L	1.0	U
230208-EB	SW8270E	4-Chloroaniline	0.35	U	0.34		1 ug/L	1.0	U
230208-EB	SW8270E	4-Chlorophenyl phenyl ether	0.32	U	0.31		1 ug/L	1.0	U
230208-EB	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52		1 ug/L	1.0	U
230208-EB	SW8270E	4-Nitroaniline	0.59	U	0.57		1 ug/L	1.0	U
230208-EB	SW8270E	4-Nitrophenol	0.25	U	0.24	5.2	ug/L	5.2	U
230208-EB	SW8270E	Acenaphthene	0.084	U	0.081	0.1	ug/L	0.10	U
230208-EB	SW8270E	Acenaphthylene	0.078	U	0.075	0.1	ug/L	0.10	U
230208-EB	SW8260D	Acetone	1.2	J	1.1	10	ug/L	10	U
230208-EB	SW8270E	Acetophenone	0.39	U	0.37		1 ug/L	1.0	U
230208-EB	SW8270E	Anthracene	0.029	U	0.028	0.1	ug/L	0.10	U
230208-EB	SW8270E	Atrazine	0.36	U	0.35		1 ug/L	1.0	U
230208-EB	SW8270E	Benzaldehyde	0.54	U	0.52		1 ug/L	1.0	U
230208-EB	SW8260D	Benzene	0.46	U	0.46		1 ug/L	1.0	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
230208-EB	SW8270E	Benzo(a)anthracene	0.1	U	0.099		0.1 ug/L	0.10	U
230208-EB	SW8270E	Benzo(a)pyrene	0.046	U	0.044		0.1 ug/L	0.10	U
230208-EB	SW8270E	Benzo(b)fluoranthene	0.053	U	0.051		0.1 ug/L	0.10	U
230208-EB	SW8270E	Benzo(g,h,i)perylene	0.093	U	0.089		0.1 ug/L	0.10	U
230208-EB	SW8270E	Benzo(k)fluoranthene	0.05	U	0.048		0.1 ug/L	0.10	U
230208-EB	SW8270E	Bis(2-chloroethoxy)methane	0.3	U	0.29		1 ug/L	1.0	U
230208-EB	SW8270E	Bis(2-chloroethyl)ether	0.39	U	0.37		1 ug/L	1.0	U
230208-EB	SW8270E	Bis(2-ethylhexyl)phthalate	0.42	U	0.4		1 ug/L	1.0	U
230208-EB	SW8260D	Bromochloromethane	0.45	U	0.45		1 ug/L	1.0	U
230208-EB	SW8260D	Bromodichloromethane	0.49	U	0.49		1 ug/L	1.0	U
230208-EB	SW8260D	Bromoform	0.56	U	0.56		1 ug/L	1.0	U
230208-EB	SW8260D	Bromomethane	0.9	U	0.9		1 ug/L	1.0	U
230208-EB	SW8270E	Butyl benzyl phthalate	0.31	U	0.3		1 ug/L	1.0	U
230208-EB	SW8270E	Caprolactam	1	U	0.96		5.2 ug/L	5.2	U
230208-EB	SW8270E	Carbazole	0.25	U	0.24		1 ug/L	1.0	U
230208-EB	SW8260D	Carbon disulfide	0.49	U	0.49		1 ug/L	1.0	U
230208-EB	SW8260D	Carbon tetrachloride	0.4	U	0.4		1 ug/L	1.0	U
230208-EB	SW8260D	Chlorobenzene	0.4	U	0.4		1 ug/L	1.0	U
230208-EB	SW8260D	Chloroethane	0.68	U	0.68		1 ug/L	1.0	U
230208-EB	SW8260D	Chloroform	1.2	U	0.46		1 ug/L	1.0	U
230208-EB	SW8260D	Chloromethane	0.83	U	0.83		1 ug/L	1.0	U
230208-EB	SW8270E	Chrysene	0.05	U	0.048		0.1 ug/L	0.10	U
230208-EB	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42		1 ug/L	1.0	U
230208-EB	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57		1 ug/L	1.0	U
230208-EB	SW8260D	Cyclohexane	0.63	U	0.63		2 ug/L	2.0	U
230208-EB	SW8270E	Dibenzo(a,h)anthracene	0.076	U	0.073		0.1 ug/L	0.10	U
230208-EB	SW8270E	Dibenzofuran	0.24	U	0.23		1 ug/L	1.0	U
230208-EB	SW8260D	Dibromochloromethane	0.4	U	0.4		1 ug/L	1.0	U
230208-EB	SW8260D	Dibromodifluoromethane	0.46	U	0.46		1 ug/L	1.0	U
230208-EB	SW8270E	Diethyl phthalate	0.18	U	0.17		1 ug/L	1.0	U
230208-EB	SW8270E	Dimethyl phthalate	0.19	U	0.18		1 ug/L	1.0	U
230208-EB	SW8270E	Di-n-butyl phthalate	0.23	U	0.21		1.1 ug/L	1.1	U
230208-EB	SW8270E	Di-n-octyl phthalate	0.55	U	0.53		1 ug/L	1.0	U
230208-EB	SW8015D	DRO (C10-C28)	0.081	U	0.081		0.1 mg/L	0.10	U
230208-EB	SW8260D	Ethylbenzene	0.34	U	0.34		1 ug/L	1.0	U
230208-EB	SW8270E	Fluoranthene	0.042	U	0.038		0.11 ug/L	0.11	U
230208-EB	SW8270E	Fluorene	0.053	U	0.051		0.1 ug/L	0.10	U
230208-EB	SW8015D	GRO (C6-C10)	76	U	76		200 ug/L	200	U
230208-EB	SW8270E	Hexachlorobenzene	0.46	U	0.44		1 ug/L	1.0	U
230208-EB	SW8270E	Hexachlorobutadiene	0.66	U	0.63		1 ug/L	1.0	U
230208-EB	SW8270E	Hexachlorocyclopentadiene	1.1	U	1.1		5.2 ug/L	5.2	U
230208-EB	SW8270E	Hexachloroethane	0.65	U	0.62		1 ug/L	1.0	U
230208-EB	SW8270E	Indeno(1,2,3-cd)pyrene	0.07	U	0.067		0.1 ug/L	0.10	U
230208-EB	SW8270E	Isophorone	0.35	U	0.34		5.2 ug/L	5.2	U
230208-EB	SW8260D	Isopropylbenzene	0.35	U	0.35		1 ug/L	1.0	U
230208-EB	SW8260D	m,p-Xylene	0.81	U	0.81		2 ug/L	2.0	U
230208-EB	SW8260D	Methyl acetate	0.59	U	0.59		2 ug/L	2.0	U
230208-EB	SW8260D	Methyl tert-butyl ether	0.45	U	0.45		1 ug/L	1.0	U
230208-EB	SW8260D	Methylcyclohexane	0.35	U	0.35		1 ug/L	1.0	U
230208-EB	SW8260D	Methylene chloride	0.86	U	0.86		5 ug/L	5.0	U
230208-EB	SW8270E	Naphthalene	0.07	U	0.067		0.1 ug/L	0.10	U
230208-EB	SW8270E	Nitrobenzene	0.27	U	0.26		1 ug/L	1.0	U
230208-EB	SW8270E	N-Nitrosodi-n-propylamine	0.36	U	0.35		1 ug/L	1.0	U
230208-EB	SW8270E	N-Nitrosodiphenylamine	0.51	U	0.49		1 ug/L	1.0	U
230208-EB	SW8015D	ORO (C28-C40)	0.051	U	0.051		0.1 mg/L	0.10	U
230208-EB	SW8260D	o-Xylene	0.31	U	0.31		1 ug/L	1.0	U
230208-EB	SW8270E	Pentachlorophenol	1	U	0.97		5.2 ug/L	5.2	U
230208-EB	SW8270E	Phenanthrene	0.089	U	0.081		0.11 ug/L	0.11	U
230208-EB	SW8270E	Phenol	0.22	U	0.21		1 ug/L	1.0	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020743

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
230208-EB	SW8270E	Pyrene	0.037	U	0.036		0.1 ug/L	0.1	U
230208-EB	SW8270E	Pyridine	0.59	U	0.57		10 ug/L	10	U
230208-EB	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
230208-EB	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
230208-EB	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
230208-EB	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
230208-EB	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
230208-EB	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
230208-EB	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
230208-EB	SW8260D	Vinyl chloride	0.53	U	0.53		1 ug/L	1.0	U
230208-EB	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SD01-SR-230208	SW8260D	1,1,1-Trichloroethane	1	U	0.79		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,1,2,2-Tetrachloroethane	0.82	U	0.64		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,1,2-Trichloroethane	0.86	U	0.67		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	1.4	U	1.1		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW846 8270D	1,1'-Biphenyl	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW8260D	1,1-Dichloroethane	0.79	U	0.62		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,1-Dichloroethene	1.3	U	0.98		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2,3-Trichlorobenzene	2.3	U	1.8		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2,3-Trichloropropane	1.1	U	0.83		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW846 8270D	1,2,4,5-Tetrachlorobenzene	610	U	50		610 mg/Kg	610	U
EPD-SD01-SR-230208	SW8260D	1,2,4-Trichlorobenzene	1.4	U	1.1		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2,4-Trimethylbenzene	2.3	U	1.8		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2-Dibromo-3-chloropropane	1.3	U	0.99		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2-Dibromoethane	0.46	U	0.36		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2-Dichlorobenzene	0.9	U	0.7		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2-Dichloroethane	0.72	U	0.56		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,2-Dichloropropane	0.56	U	0.44		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,3,5-Trimethylbenzene	2	U	1.6		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,3-Dichlorobenzene	0.78	U	0.61		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	1,4-Dichlorobenzene	0.82	U	0.64		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW846 8270D	1,4-Dioxane	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	1-Methylnaphthalene	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,2'-Oxybis(1-chloropropane)	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,3,4,6-Tetrachlorophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,4,5-Trichlorophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,4,6-Trichlorophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,4-Dichlorophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,4-Dimethylphenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,4-Dinitrophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,4-Dinitrotoluene	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2,6-Dinitrotoluene	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW8260D	2-Butanone	6.5	U	5.1		13 ug/Kg	13	U
EPD-SD01-SR-230208	SW846 8270D	2-Chloronaphthalene	12	U	1		12 mg/Kg	12	U
EPD-SD01-SR-230208	SW846 8270D	2-Chlorophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW8260D	2-Hexanone	2.3	U	1.8		6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW846 8270D	2-Methylnaphthalene	12	U	1		12 mg/Kg	12	U
EPD-SD01-SR-230208	SW846 8270D	2-Methylphenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2-Nitroaniline	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	2-Nitrophenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	3&4-Methylphenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	3,3'-Dichlorobenzidine	610	U	50		610 mg/Kg	610	U
EPD-SD01-SR-230208	SW846 8270D	3-Nitroaniline	61	U	5		61 mg/Kg	61	R
EPD-SD01-SR-230208	SW846 8270D	4,6-Dinitro-2-methylphenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	4-Bromophenyl phenyl ether	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	4-Chloro-3-methylphenol	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	4-Chloroaniline	61	U	5		61 mg/Kg	61	R
EPD-SD01-SR-230208	SW846 8270D	4-Chlorophenyl phenyl ether	61	U	5		61 mg/Kg	61	U
EPD-SD01-SR-230208	SW8260D	4-Methyl-2-pentanone	2.3	U	1.8		6.4 ug/Kg	6.4	U



E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD01-SR-230208	SW846 8270D	4-Nitroaniline	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	4-Nitrophenol	610 U			50	610 mg/Kg	610 U	
EPD-SD01-SR-230208	SW846 8270D	Acenaphthene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Acenaphthylene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW8260D	Acetone	25			4.6	13 ug/Kg	25 J+	
EPD-SD01-SR-230208	SW846 8270D	Acetophenone	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Anthracene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Atrazine	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Benzaldehyde	61 U			5	61 mg/Kg	61 R	
EPD-SD01-SR-230208	SW8260D	Benzene	0.66 U		0.52		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW846 8270D	Benzo(a)anthracene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Benzo(a)pyrene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Benzo(b)fluoranthene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Benzo(g,h,i)perylene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Benzo(k)fluoranthene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Bis(2-chloroethoxy)methane	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Bis(2-chloroethyl)ether	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Bis(2-ethylhexyl)phthalate	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW8260D	Bromochloromethane	0.69 U		0.54		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Bromodichloromethane	0.77 U		0.6		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Bromofom	0.64 U		0.5		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Bromomethane	3.2 U		2.5		13 ug/Kg	13 U	
EPD-SD01-SR-230208	SW846 8270D	Butyl benzyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Caprolactam	610 U			50	610 mg/Kg	610 U	
EPD-SD01-SR-230208	SW846 8270D	Carbazole	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW8260D	Carbon disulfide	0.75 U		0.59		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Carbon tetrachloride	1.3 U		1		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Chlorobenzene	0.81 U		0.63		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Chloroethane	2.4 U		1.9		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Chloroform	1 U		0.82		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Chloromethane	1.3 U		1		13 ug/Kg	13 U	
EPD-SD01-SR-230208	SW846 8270D	Chrysene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW8260D	cis-1,2-Dichloroethene	0.69 U		0.54		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	cis-1,3-Dichloropropene	0.77 U		0.6		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Cyclohexane	2.2 U		1.7		13 ug/Kg	13 U	
EPD-SD01-SR-230208	SW846 8270D	Dibenzo(a,h)anthracene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Dibenzofuran	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW8260D	Dibromochloromethane	0.65 U		0.51		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Dichlorodifluoromethane	3.2 U		2.5		13 ug/Kg	13 U	
EPD-SD01-SR-230208	SW846 8270D	Diethyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Dimethyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Di-n-butyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Di-n-octyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW8015D	DRO (C10-C28)	3200 U		330		9600 mg/Kg	9600 U	
EPD-SD01-SR-230208	SW8260D	Ethylbenzene	1.1 U		0.87		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW846 8270D	Fluoranthene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW846 8270D	Fluorene	12 U			1	12 mg/Kg	12 U	
EPD-SD01-SR-230208	SW8015D	GRO (C6-C10)	3200 U		2100		7700 ug/Kg-dry	7700 U	
EPD-SD01-SR-230208	SW846 8270D	Hexachlorobenzene	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Hexachlorobutadiene	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Hexachlorocyclopentadiene	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Hexachloroethane	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Indeno(1,2,3-cd)pyrene	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW846 8270D	Isophorone	61 U			5	61 mg/Kg	61 U	
EPD-SD01-SR-230208	SW8260D	Isopropylbenzene	1.1 U		0.85		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	m,p-Xylene	2.8 U		2.2		3.2 ug/Kg	3.2 U	
EPD-SD01-SR-230208	SW8260D	Methyl acetate	1.5 U		1.2		13 ug/Kg	13 U	
EPD-SD01-SR-230208	SW8260D	Methyl tert-butyl ether	0.78 U		0.61		6.4 ug/Kg	6.4 U	
EPD-SD01-SR-230208	SW8260D	Methylcyclohexane	1.9 U		1.5		13 ug/Kg	13 U	

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD01-SR-230208	SW8260D	Methylene chloride	7.9	U		6.2	13 ug/Kg	13	U
EPD-SD01-SR-230208	SW846 8270D	Naphthalene	12	U		1	12 mg/Kg	12	U
EPD-SD01-SR-230208	SW846 8270D	Nitrobenzene	61	U		5	61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	N-Nitrosodi-n-propylamine	61	U		5	61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	N-Nitrosodiphenylamine	61	U		5	61 mg/Kg	61	U
EPD-SD01-SR-230208	SW8015D	ORO (C28-C40)	5400	J		500	9600 mg/Kg	5400	J
EPD-SD01-SR-230208	SW8260D	o-Xylene	1.5	U		1.2	3.2 ug/Kg	3.2	U
EPD-SD01-SR-230208	SW846 8270D	Pentachlorophenol	610	U		50	610 mg/Kg	610	U
EPD-SD01-SR-230208	SW846 8270D	Phenanthrene	12	U		1	12 mg/Kg	12	U
EPD-SD01-SR-230208	SW846 8270D	Phenol	61	U		5	61 mg/Kg	61	U
EPD-SD01-SR-230208	SW846 8270D	Pyrene	12	U		1	12 mg/Kg	12	U
EPD-SD01-SR-230208	SW846 8270D	Pyridine	61	U		5	61 mg/Kg	61	U
EPD-SD01-SR-230208	SW8260D	Styrene	0.96	U		0.75	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	Tetrachloroethene	1.1	U		0.89	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	Toluene	1.1	U		0.86	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	trans-1,2-Dichloroethene	0.64	U		0.5	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	trans-1,3-Dichloropropene	0.61	U		0.48	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	Trichloroethene	0.92	U		0.72	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	Trichlorofluoromethane	0.91	U		0.71	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	Vinyl chloride	0.9	U		0.7	6.4 ug/Kg	6.4	U
EPD-SD01-SR-230208	SW8260D	Xylenes, Total	2.8	U		2.2	6.4 ug/Kg	6.4	U
EPD-SD02-BP1-230208	SW8260D	1,1,1-Trichloroethane	4100	U		14	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,1,2,2-Tetrachloroethane	4000	U		13	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,1,2-Trichloroethane	3800	U		13	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	5700	U		19	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW846 8270D	1,1'-Biphenyl	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW8260D	1,1-Dichloroethane	3300	U		11	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,1-Dichloroethene	2900	U		9.7	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,2,3-Trichlorobenzene	11000	U		36	30000 ug/Kg-dry	30000	U
EPD-SD02-BP1-230208	SW8260D	1,2,3-Trichloropropane	3800	U		13	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW846 8270D	1,2,4,5-Tetrachlorobenzene	710	U		50	710 mg/Kg	710	U
EPD-SD02-BP1-230208	SW8260D	1,2,4-Trichlorobenzene	10000	U		34	30000 ug/Kg-dry	30000	U
EPD-SD02-BP1-230208	SW8260D	1,2,4-Trimethylbenzene	6600	U		22	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,2-Dibromo-3-chloropropane	8300	U		28	30000 ug/Kg-dry	30000	U
EPD-SD02-BP1-230208	SW8260D	1,2-Dibromoethane	2500	U		8.4	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,2-Dichlorobenzene	3400	U		11	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,2-Dichloroethane	14000	U		45	30000 ug/Kg-dry	30000	U
EPD-SD02-BP1-230208	SW8260D	1,2-Dichloropropane	6600	U		22	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,3,5-Trimethylbenzene	11000	U		35	30000 ug/Kg-dry	30000	U
EPD-SD02-BP1-230208	SW8260D	1,3-Dichlorobenzene	3000	U		10	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW8260D	1,4-Dichlorobenzene	2200	U		7.2	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW846 8270D	1,4-Dioxane	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	1-Methylnaphthalene	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,2'-Oxybis(1-chloropropane)	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,3,4,6-Tetrachlorophenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,4,5-Trichlorophenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,4,6-Trichlorophenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,4-Dichlorophenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,4-Dimethylphenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,4-Dinitrophenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,4-Dinitrotoluene	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2,6-Dinitrotoluene	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW8260D	2-Butanone	7400	U		25	60000 ug/Kg-dry	60000	U
EPD-SD02-BP1-230208	SW846 8270D	2-Chloronaphthalene	14	U		1	14 mg/Kg	14	U
EPD-SD02-BP1-230208	SW846 8270D	2-Chlorophenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW8260D	2-Hexanone	4500	U		15	9000 ug/Kg-dry	9000	U
EPD-SD02-BP1-230208	SW846 8270D	2-Methylnaphthalene	14	U		1	14 mg/Kg	14	U
EPD-SD02-BP1-230208	SW846 8270D	2-Methylphenol	71	U		5	71 mg/Kg	71	U
EPD-SD02-BP1-230208	SW846 8270D	2-Nitroaniline	71	U		5	71 mg/Kg	71	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD02-BP1-230208	SW846 8270D	2-Nitrophenol	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	3&4-Methylphenol	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	3,3'-Dichlorobenzidine	710 U			50	710 mg/Kg	710 U	
EPD-SD02-BP1-230208	SW846 8270D	3-Nitroaniline	71 U			5	71 mg/Kg	71 R	
EPD-SD02-BP1-230208	SW846 8270D	4,6-Dinitro-2-methylphenol	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	4-Bromophenyl phenyl ether	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	4-Chloro-3-methylphenol	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	4-Chloroaniline	71 U			5	71 mg/Kg	71 R	
EPD-SD02-BP1-230208	SW846 8270D	4-Chlorophenyl phenyl ether	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8260D	4-Methyl-2-pentanone	8400 U			28	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW846 8270D	4-Nitroaniline	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	4-Nitrophenol	710 U			50	710 mg/Kg	710 U	
EPD-SD02-BP1-230208	SW846 8270D	Acenaphthene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Acenaphthylene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW8260D	Acetone	27000 U			89	30000 ug/Kg-dry	30000 U	
EPD-SD02-BP1-230208	SW846 8270D	Acetophenone	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Anthracene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Atrazine	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Benzaldehyde	71 U			5	71 mg/Kg	71 R	
EPD-SD02-BP1-230208	SW8260D	Benzene	130000			15	9000 ug/Kg-dry	130000	
EPD-SD02-BP1-230208	SW846 8270D	Benzo(a)anthracene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Benzo(a)pyrene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Benzo(b)fluoranthene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Benzo(g,h,i)perylene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Benzo(k)fluoranthene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Bis(2-chloroethoxy)methane	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Bis(2-chloroethyl)ether	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Bis(2-ethylhexyl)phthalate	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8260D	Bromochloromethane	4600 U			15	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Bromodichloromethane	5100 U			17	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Bromoform	3800 U			13	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Bromomethane	17000 U			57	30000 ug/Kg-dry	30000 U	
EPD-SD02-BP1-230208	SW846 8270D	Butyl benzyl phthalate	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Caprolactam	710 U			50	710 mg/Kg	710 U	
EPD-SD02-BP1-230208	SW846 8270D	Carbazole	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8260D	Carbon disulfide	4700 U			16	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Carbon tetrachloride	3500 U			12	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Chlorobenzene	3000 U			10	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Chloroethane	8900 U			30	30000 ug/Kg-dry	30000 U	
EPD-SD02-BP1-230208	SW8260D	Chloroform	3300 U			11	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Chloromethane	25000 U			82	30000 ug/Kg-dry	30000 U	
EPD-SD02-BP1-230208	SW846 8270D	Chrysene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW8260D	cis-1,2-Dichloroethene	5800 U			19	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	cis-1,3-Dichloropropene	6800 U			23	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Cyclohexane	8100 U			27	30000 ug/Kg-dry	30000 U	
EPD-SD02-BP1-230208	SW846 8270D	Dibenzo(a,h)anthracene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Dibenzofuran	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8260D	Dibromochloromethane	5100 U			17	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Dichlorodifluoromethane	11000 U			36	30000 ug/Kg-dry	30000 U	
EPD-SD02-BP1-230208	SW846 8270D	Diethyl phthalate	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Dimethyl phthalate	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Di-n-butyl phthalate	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Di-n-octyl phthalate	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8015D	DRO (C10-C28)	37000			330	9600 mg/Kg	37000	
EPD-SD02-BP1-230208	SW8260D	Ethylbenzene	1900 U			6.3	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW846 8270D	Fluoranthene	24			1	14 mg/Kg	24	
EPD-SD02-BP1-230208	SW846 8270D	Fluorene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW8015D	GRO (C6-C10)	4600000			2100	150000 ug/Kg-dry	4600000	
EPD-SD02-BP1-230208	SW846 8270D	Hexachlorobenzene	71 U			5	71 mg/Kg	71 U	

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD02-BP1-230208	SW846 8270D	Hexachlorobutadiene	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Hexachlorocyclopentadiene	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Hexachloroethane	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Indeno(1,2,3-cd)pyrene	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Isophorone	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8260D	Isopropylbenzene	2800 U			9.2	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	m,p-Xylene	12000 U			40	18000 ug/Kg-dry	18000 U	
EPD-SD02-BP1-230208	SW8260D	Methyl acetate	11000 U			36	75000 ug/Kg-dry	75000 U	
EPD-SD02-BP1-230208	SW8260D	Methyl tert-butyl ether	2600 U			8.6	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Methylcyclohexane	3400 U			11	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Methylene chloride	24000 U			80	75000 ug/Kg-dry	75000 U	
EPD-SD02-BP1-230208	SW846 8270D	Naphthalene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Nitrobenzene	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	N-Nitrosodi-n-propylamine	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	N-Nitrosodiphenylamine	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8015D	ORO (C28-C40)	460000			500	9600 mg/Kg	460000	
EPD-SD02-BP1-230208	SW8260D	o-Xylene	3500 U			12	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW846 8270D	Pentachlorophenol	710 U			50	710 mg/Kg	710 U	
EPD-SD02-BP1-230208	SW846 8270D	Phenanthrene	24			1	14 mg/Kg	24	
EPD-SD02-BP1-230208	SW846 8270D	Phenol	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW846 8270D	Pyrene	14 U			1	14 mg/Kg	14 U	
EPD-SD02-BP1-230208	SW846 8270D	Pyridine	71 U			5	71 mg/Kg	71 U	
EPD-SD02-BP1-230208	SW8260D	Styrene	3600 U			12	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Tetrachloroethene	5400 U			18	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Toluene	2500 U			8.2	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	trans-1,2-Dichloroethene	3300 U			11	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	trans-1,3-Dichloropropene	5000 U			17	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Trichloroethene	4000 U			13	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Trichlorofluoromethane	4600 U			15	9000 ug/Kg-dry	9000 U	
EPD-SD02-BP1-230208	SW8260D	Vinyl chloride	11000			20	9000 ug/Kg-dry	11000	
EPD-SD02-BP1-230208	SW8260D	Xylenes, Total	12000 U			40	27000 ug/Kg-dry	27000 U	
EPD-SD03-BP1-230208	SW8260D	1,1,1-Trichloroethane	2500 U			14	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,1,2,2-Tetrachloroethane	2400 U			13	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,1,2-Trichloroethane	2300 U			13	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	3500 U			19	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW846 8270D	1,1'-Biphenyl	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW8260D	1,1-Dichloroethane	2000 U			11	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,1-Dichloroethene	1800 U			9.7	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,2,3-Trichlorobenzene	6600 U			36	18000 ug/Kg-dry	18000 U	
EPD-SD03-BP1-230208	SW8260D	1,2,3-Trichloropropane	2300 U			13	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW846 8270D	1,2,4,5-Tetrachlorobenzene	630 U			50	630 mg/Kg	630 U	
EPD-SD03-BP1-230208	SW8260D	1,2,4-Trichlorobenzene	6200 U			34	18000 ug/Kg-dry	18000 U	
EPD-SD03-BP1-230208	SW8260D	1,2,4-Trimethylbenzene	4000 U			22	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,2-Dibromo-3-chloropropane	5000 U			28	18000 ug/Kg-dry	18000 U	
EPD-SD03-BP1-230208	SW8260D	1,2-Dibromoethane	1500 U			8.4	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,2-Dichlorobenzene	2100 U			11	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,2-Dichloroethane	8200 U			45	18000 ug/Kg-dry	18000 U	
EPD-SD03-BP1-230208	SW8260D	1,2-Dichloropropane	4000 U			22	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,3,5-Trimethylbenzene	6400 U			35	18000 ug/Kg-dry	18000 U	
EPD-SD03-BP1-230208	SW8260D	1,3-Dichlorobenzene	1800 U			10	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW8260D	1,4-Dichlorobenzene	1300 U			7.2	5500 ug/Kg-dry	5500 U	
EPD-SD03-BP1-230208	SW846 8270D	1,4-Dioxane	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	1-Methylnaphthalene	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	2,2'-Oxybis(1-chloropropane)	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	2,3,4,6-Tetrachlorophenol	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	2,4,5-Trichlorophenol	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	2,4,6-Trichlorophenol	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	2,4-Dichlorophenol	63 U			5	63 mg/Kg	63 U	
EPD-SD03-BP1-230208	SW846 8270D	2,4-Dimethylphenol	63 U			5	63 mg/Kg	63 U	

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD03-BP1-230208	SW846 8270D	2,4-Dinitrophenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	2,4-Dinitrotoluene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	2,6-Dinitrotoluene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	2-Butanone	4500	U		25	37000 ug/Kg-dry	37000	U
EPD-SD03-BP1-230208	SW846 8270D	2-Chloronaphthalene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	2-Chlorophenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	2-Hexanone	2700	U		15	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW846 8270D	2-Methylnaphthalene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	2-Methylphenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	2-Nitroaniline	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	2-Nitrophenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	3&4-Methylphenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	3,3'-Dichlorobenzidine	630	U		50	630 mg/Kg	630	U
EPD-SD03-BP1-230208	SW846 8270D	3-Nitroaniline	63	U		5	63 mg/Kg	63	R
EPD-SD03-BP1-230208	SW846 8270D	4,6-Dinitro-2-methylphenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	4-Bromophenyl phenyl ether	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	4-Chloro-3-methylphenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	4-Chloroaniline	63	U		5	63 mg/Kg	63	R
EPD-SD03-BP1-230208	SW846 8270D	4-Chlorophenyl phenyl ether	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	4-Methyl-2-pentanone	5100	U		28	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW846 8270D	4-Nitroaniline	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	4-Nitrophenol	630	U		50	630 mg/Kg	630	U
EPD-SD03-BP1-230208	SW846 8270D	Acenaphthene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Acenaphthylene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW8260D	Acetone	16000	U		89	18000 ug/Kg-dry	18000	U
EPD-SD03-BP1-230208	SW846 8270D	Acetophenone	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Anthracene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Atrazine	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Benzaldehyde	63	U		5	63 mg/Kg	63	R
EPD-SD03-BP1-230208	SW8260D	Benzene	2700	U		15	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW846 8270D	Benzo(a)anthracene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Benzo(a)pyrene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Benzo(b)fluoranthene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Benzo(g,h,i)perylene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Benzo(k)fluoranthene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Bis(2-chloroethoxy)methane	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Bis(2-chloroethyl)ether	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Bis(2-ethylhexyl)phthalate	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	Bromochloromethane	2800	U		15	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Bromodichloromethane	3100	U		17	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Bromoform	2300	U		13	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Bromomethane	10000	U		57	18000 ug/Kg-dry	18000	U
EPD-SD03-BP1-230208	SW846 8270D	Butyl benzyl phthalate	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Caprolactam	630	U		50	630 mg/Kg	630	U
EPD-SD03-BP1-230208	SW846 8270D	Carbazole	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	Carbon disulfide	2800	U		16	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Carbon tetrachloride	2100	U		12	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Chlorobenzene	1800	U		10	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Chloroethane	5400	U		30	18000 ug/Kg-dry	18000	U
EPD-SD03-BP1-230208	SW8260D	Chloroform	2000	U		11	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Chloromethane	15000	U		82	18000 ug/Kg-dry	18000	U
EPD-SD03-BP1-230208	SW846 8270D	Chrysene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW8260D	cis-1,2-Dichloroethene	3500	U		19	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	cis-1,3-Dichloropropene	4100	U		23	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Cyclohexane	4900	U		27	18000 ug/Kg-dry	18000	U
EPD-SD03-BP1-230208	SW846 8270D	Dibenzo(a,h)anthracene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Dibenzofuran	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	Dibromochloromethane	3100	U		17	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Dichlorodifluoromethane	6600	U		36	18000 ug/Kg-dry	18000	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD03-BP1-230208	SW846 8270D	Diethyl phthalate	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Dimethyl phthalate	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Di-n-butyl phthalate	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Di-n-octyl phthalate	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8015D	DRO (C10-C28)	4300	J		330	9600 mg/Kg	4300	J
EPD-SD03-BP1-230208	SW8260D	Ethylbenzene	1200	U		6.3	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW846 8270D	Fluoranthene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Fluorene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW8015D	GRO (C6-C10)	4100000			2100	91000 ug/Kg-dry	4100000	
EPD-SD03-BP1-230208	SW846 8270D	Hexachlorobenzene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Hexachlorobutadiene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Hexachlorocyclopentadiene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Hexachloroethane	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Indeno(1,2,3-cd)pyrene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Isophorone	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	Isopropylbenzene	1700	U		9.2	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	m,p-Xylene	7300	U		40	11000 ug/Kg-dry	11000	U
EPD-SD03-BP1-230208	SW8260D	Methyl acetate	6600	U		36	46000 ug/Kg-dry	46000	U
EPD-SD03-BP1-230208	SW8260D	Methyl tert-butyl ether	1600	U		8.6	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Methylcyclohexane	2100	U		11	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Methylene chloride	15000	U		80	46000 ug/Kg-dry	46000	U
EPD-SD03-BP1-230208	SW846 8270D	Naphthalene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Nitrobenzene	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	N-Nitrosodi-n-propylamine	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	N-Nitrosodiphenylamine	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8015D	ORO (C28-C40)	74000			500	9600 mg/Kg	74000	
EPD-SD03-BP1-230208	SW8260D	o-Xylene	2100	U		12	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW846 8270D	Pentachlorophenol	630	U		50	630 mg/Kg	630	U
EPD-SD03-BP1-230208	SW846 8270D	Phenanthrene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Phenol	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW846 8270D	Pyrene	13	U		1	13 mg/Kg	13	U
EPD-SD03-BP1-230208	SW846 8270D	Pyridine	63	U		5	63 mg/Kg	63	U
EPD-SD03-BP1-230208	SW8260D	Styrene	2200	U		12	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Tetrachloroethene	3300	U		18	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Toluene	1500	U		8.2	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	trans-1,2-Dichloroethene	2000	U		11	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	trans-1,3-Dichloropropene	3100	U		17	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Trichloroethene	2500	U		13	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Trichlorofluoromethane	2800	U		15	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Vinyl chloride	3600	U		20	5500 ug/Kg-dry	5500	U
EPD-SD03-BP1-230208	SW8260D	Xylenes, Total	7300	U		40	16000 ug/Kg-dry	16000	U
EPD-SD04-SR-230208	SW8260D	1,1,1-Trichloroethane	1	U		0.79	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,1,2,2-Tetrachloroethane	0.81	U		0.64	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,1,2-Trichloroethane	0.85	U		0.67	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	1.4	U		1.1	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	1,1'-Biphenyl	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	1,1-Dichloroethane	0.78	U		0.62	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,1-Dichloroethene	1.2	U		0.98	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,2,3-Trichlorobenzene	2.3	U		1.8	6.3 ug/Kg	6.3	UJ
EPD-SD04-SR-230208	SW8260D	1,2,3-Trichloropropane	1	U		0.83	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	1,2,4,5-Tetrachlorobenzene	610	U		50	610 mg/Kg	610	U
EPD-SD04-SR-230208	SW8260D	1,2,4-Trichlorobenzene	1.4	U		1.1	6.3 ug/Kg	6.3	UJ
EPD-SD04-SR-230208	SW8260D	1,2,4-Trimethylbenzene	2.3	U		1.8	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,2-Dibromo-3-chloropropane	1.2	U		0.99	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,2-Dibromoethane	0.45	U		0.36	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,2-Dichlorobenzene	0.88	U		0.7	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,2-Dichloroethane	0.71	U		0.56	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,2-Dichloropropane	0.56	U		0.44	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,3,5-Trimethylbenzene	2	U		1.6	6.3 ug/Kg	6.3	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD04-SR-230208	SW8260D	1,3-Dichlorobenzene	0.77	U		0.61	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	1,4-Dichlorobenzene	0.81	U		0.64	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	1,4-Dioxane	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	1-Methylnaphthalene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,2'-Oxybis(1-chloropropane)	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,3,4,6-Tetrachlorophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,4,5-Trichlorophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,4,6-Trichlorophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,4-Dichlorophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,4-Dimethylphenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,4-Dinitrophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,4-Dinitrotoluene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2,6-Dinitrotoluene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	2-Butanone	6.4	U		5.1	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW846 8270D	2-Chloronaphthalene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	2-Chlorophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	2-Hexanone	2.3	U		1.8	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	2-Methylnaphthalene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	2-Methylphenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2-Nitroaniline	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	2-Nitrophenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	3&4-Methylphenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	3,3'-Dichlorobenzidine	610	U		50	610 mg/Kg	610	U
EPD-SD04-SR-230208	SW846 8270D	3-Nitroaniline	61	U		5	61 mg/Kg	61	R
EPD-SD04-SR-230208	SW846 8270D	4,6-Dinitro-2-methylphenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	4-Bromophenyl phenyl ether	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	4-Chloro-3-methylphenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	4-Chloroaniline	61	U		5	61 mg/Kg	61	R
EPD-SD04-SR-230208	SW846 8270D	4-Chlorophenyl phenyl ether	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	4-Methyl-2-pentanone	2.3	U		1.8	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	4-Nitroaniline	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	4-Nitrophenol	610	U		50	610 mg/Kg	610	U
EPD-SD04-SR-230208	SW846 8270D	Acenaphthene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Acenaphthylene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW8260D	Acetone	28			4.6	13 ug/Kg	28	J+
EPD-SD04-SR-230208	SW846 8270D	Acetophenone	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Anthracene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Atrazine	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Benzaldehyde	61	U		5	61 mg/Kg	61	R
EPD-SD04-SR-230208	SW8260D	Benzene	0.66	U		0.52	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	Benzo(a)anthracene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Benzo(a)pyrene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Benzo(b)fluoranthene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Benzo(g,h,i)perylene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Benzo(k)fluoranthene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Bis(2-chloroethoxy)methane	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Bis(2-chloroethyl)ether	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Bis(2-ethylhexyl)phthalate	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	Bromochloromethane	0.68	U		0.54	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Bromodichloromethane	0.76	U		0.6	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Bromoform	0.63	U		0.5	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Bromomethane	3.2	U		2.5	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW846 8270D	Butyl benzyl phthalate	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Caprolactam	610	U		50	610 mg/Kg	610	U
EPD-SD04-SR-230208	SW846 8270D	Carbazole	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	Carbon disulfide	0.74	U		0.59	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Carbon tetrachloride	1.3	U		1	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Chlorobenzene	0.8	U		0.63	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Chloroethane	2.4	U		1.9	6.3 ug/Kg	6.3	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SD04-SR-230208	SW8260D	Chloroform	1	U	0.82		6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Chloromethane	1.3	U		1	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW846 8270D	Chrysene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW8260D	cis-1,2-Dichloroethene	0.68	U		0.54	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	cis-1,3-Dichloropropene	0.76	U		0.6	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Cyclohexane	2.1	U		1.7	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW846 8270D	Dibenzo(a,h)anthracene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Dibenzofuran	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	Dibromochloromethane	0.64	U		0.51	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Dichlorodifluoromethane	3.2	U		2.5	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW846 8270D	Diethyl phthalate	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Dimethyl phthalate	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Di-n-butyl phthalate	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Di-n-octyl phthalate	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8015D	DRO (C10-C28)	3200	U		330	9600 mg/Kg	9600	U
EPD-SD04-SR-230208	SW8260D	Ethylbenzene	1.1	U		0.87	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW846 8270D	Fluoranthene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Fluorene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW8015D	GRO (C6-C10)	3300	U		2100	7800 ug/Kg-dry	7800	U
EPD-SD04-SR-230208	SW846 8270D	Hexachlorobenzene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Hexachlorobutadiene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Hexachlorocyclopentadiene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Hexachloroethane	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Indeno(1,2,3-cd)pyrene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Isophorone	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	Isopropylbenzene	1.1	U		0.85	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	m,p-Xylene	2.8	U		2.2	3.2 ug/Kg	3.2	U
EPD-SD04-SR-230208	SW8260D	Methyl acetate	1.5	U		1.2	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW8260D	Methyl tert-butyl ether	0.77	U		0.61	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Methylcyclohexane	1.9	U		1.5	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW8260D	Methylene chloride	7.8	U		6.2	13 ug/Kg	13	U
EPD-SD04-SR-230208	SW846 8270D	Naphthalene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Nitrobenzene	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	N-Nitrosodi-n-propylamine	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	N-Nitrosodiphenylamine	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8015D	ORO (C28-C40)	4800	U		500	9600 mg/Kg	9600	U
EPD-SD04-SR-230208	SW8260D	o-Xylene	1.5	U		1.2	3.2 ug/Kg	3.2	U
EPD-SD04-SR-230208	SW846 8270D	Pentachlorophenol	610	U		50	610 mg/Kg	610	U
EPD-SD04-SR-230208	SW846 8270D	Phenanthrene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Phenol	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW846 8270D	Pyrene	12	U		1	12 mg/Kg	12	U
EPD-SD04-SR-230208	SW846 8270D	Pyridine	61	U		5	61 mg/Kg	61	U
EPD-SD04-SR-230208	SW8260D	Styrene	0.95	U		0.75	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Tetrachloroethene	1.1	U		0.89	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Toluene	1.1	U		0.86	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	trans-1,2-Dichloroethene	0.63	U		0.5	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	trans-1,3-Dichloropropene	0.61	U		0.48	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Trichloroethene	0.91	U		0.72	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Trichlorofluoromethane	0.9	U		0.71	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Vinyl chloride	0.88	U		0.7	6.3 ug/Kg	6.3	U
EPD-SD04-SR-230208	SW8260D	Xylenes, Total	2.8	U		2.2	6.3 ug/Kg	6.3	U
EPD-SW01-SR-230208	SW8260D	1,1,1-Trichloroethane	46	U		0.46	100 ug/L	100	U
EPD-SW01-SR-230208	SW8260D	1,1,2,2-Tetrachloroethane	40	U		0.4	100 ug/L	100	U
EPD-SW01-SR-230208	SW8260D	1,1,2-Trichloroethane	46	U		0.46	100 ug/L	100	U
EPD-SW01-SR-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	52	U		0.52	100 ug/L	100	U
EPD-SW01-SR-230208	SW8270E	1,1'-Biphenyl	34	U		0.42	81 ug/L	81	U
EPD-SW01-SR-230208	SW8260D	1,1-Dichloroethane	44	U		0.44	100 ug/L	100	U
EPD-SW01-SR-230208	SW8260D	1,1-Dichloroethene	40	U		0.4	100 ug/L	100	U
EPD-SW01-SR-230208	SW8260D	1,1-Dichloropropene	37	U		0.37	100 ug/L	100	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW01-SR-230208	SW8260D	1,2,3-Trichlorobenzene	42 U		0.42	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2,3-Trichloropropane	40 U		0.4	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8270E	1,2,4,5-Tetrachlorobenzene	27 U		0.34	400	ug/L	400 U	
EPD-SW01-SR-230208	SW8260D	1,2,4-Trichlorobenzene	45 U		0.45	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2,4-Trimethylbenzene	45 U		0.45	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2-Dibromo-3-chloropropane	43 U		0.43	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2-Dibromoethane	41 U		0.41	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2-Dichlorobenzene	32 U		0.32	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2-Dichloroethane	44 U		0.44	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,2-Dichloropropane	48 U		0.48	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,3,5-Trimethylbenzene	65 U		0.65	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,3-Dichlorobenzene	33 U		0.33	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8260D	1,4-Dichlorobenzene	35 U		0.35	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8270E	1,4-Dioxane	58 U		0.72	400	ug/L	400 U	
EPD-SW01-SR-230208	SW8270E	1-Methylnaphthalene	6.7 U		0.083	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	2,2'-Oxybis(1-chloropropane)	19 U		0.23	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,3,4,6-Tetrachlorophenol	36 U		0.45	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,4,5-Trichlorophenol	14 U		0.17	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,4,6-Trichlorophenol	20 U		0.25	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,4-Dichlorophenol	28 U		0.35	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,4-Dimethylphenol	29 U		0.36	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,4-Dinitrophenol	210 U		2.6	400	ug/L	400 U	
EPD-SW01-SR-230208	SW8270E	2,4-Dinitrotoluene	34 U		0.42	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2,6-Dinitrotoluene	27 U		0.33	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8260D	2-Butanone	52 U		0.52	500	ug/L	500 U	
EPD-SW01-SR-230208	SW8270E	2-Chloronaphthalene	6.1 U		0.075	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	2-Chlorophenol	19 U		0.23	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8260D	2-Hexanone	59 U		0.59	500	ug/L	500 U	
EPD-SW01-SR-230208	SW8270E	2-Methylnaphthalene	5.2 U		0.065	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	2-Methylphenol	20 U		0.25	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2-Nitroaniline	17 U		0.21	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	2-Nitrophenol	27 U		0.34	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	3&4-Methylphenol	17 U		0.21	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	3,3'-Dichlorobenzidine	37 U		0.46	400	ug/L	400 U	
EPD-SW01-SR-230208	SW8270E	3-Nitroaniline	52 U		0.64	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	4,6-Dinitro-2-methylphenol	22 U		0.27	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	4-Bromophenyl phenyl ether	27 U		0.33	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	4-Chloro-3-methylphenol	21 U		0.26	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	4-Chloroaniline	27 U		0.34	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	4-Chlorophenyl phenyl ether	25 U		0.31	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8260D	4-Methyl-2-pentanone	52 U		0.52	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8270E	4-Nitroaniline	46 U		0.57	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	4-Nitrophenol	19 U		0.24	400	ug/L	400 U	
EPD-SW01-SR-230208	SW8270E	Acenaphthene	6.5 U		0.081	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Acenaphthylene	6.1 U		0.075	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8260D	Acetone	110 U		1.1	1000	ug/L	1000 U	
EPD-SW01-SR-230208	SW8270E	Acetophenone	30 U		0.37	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	Anthracene	2.3 U		0.028	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Atrazine	28 U		0.35	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	Benzaldehyde	42 U		0.52	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8260D	Benzene	46 U		0.46	100	ug/L	100 U	
EPD-SW01-SR-230208	SW8270E	Benzo(a)anthracene	8 U		0.099	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Benzo(a)pyrene	3.6 U		0.044	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Benzo(b)fluoranthene	4.1 U		0.051	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Benzo(g,h,i)perylene	7.2 U		0.089	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Benzo(k)fluoranthene	3.9 U		0.048	8.1	ug/L	8.1 U	
EPD-SW01-SR-230208	SW8270E	Bis(2-chloroethoxy)methane	23 U		0.29	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	Bis(2-chloroethyl)ether	30 U		0.37	81	ug/L	81 U	
EPD-SW01-SR-230208	SW8270E	Bis(2-ethylhexyl)phthalate	32 U		0.4	81	ug/L	81 U	

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW01-SR-230208	SW8260D	Bromochloromethane	45	U	0.45	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Bromodichloromethane	49	U	0.49	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Bromoform	56	U	0.56	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Bromomethane	90	U	0.9	100	ug/L	100	U
EPD-SW01-SR-230208	SW8270E	Butyl benzyl phthalate	24	U	0.3	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Caprolactam	78	U	0.96	400	ug/L	400	U
EPD-SW01-SR-230208	SW8270E	Carbazole	19	U	0.24	81	ug/L	81	U
EPD-SW01-SR-230208	SW8260D	Carbon disulfide	49	U	0.49	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Carbon tetrachloride	40	U	0.4	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Chlorobenzene	40	U	0.4	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Chloroethane	68	U	0.68	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Chloroform	46	U	0.46	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Chloromethane	83	U	0.83	100	ug/L	100	U
EPD-SW01-SR-230208	SW8270E	Chrysene	3.9	U	0.048	8.1	ug/L	8.1	U
EPD-SW01-SR-230208	SW8260D	cis-1,2-Dichloroethene	42	U	0.42	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	cis-1,3-Dichloropropene	57	U	0.57	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Cyclohexane	63	U	0.63	200	ug/L	200	U
EPD-SW01-SR-230208	SW8270E	Dibenzo(a,h)anthracene	5.9	U	0.073	8.1	ug/L	8.1	U
EPD-SW01-SR-230208	SW8270E	Dibenzofuran	19	U	0.23	81	ug/L	81	U
EPD-SW01-SR-230208	SW8260D	Dibromochloromethane	40	U	0.4	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Dibromodifluoromethane	46	U	0.46	100	ug/L	100	U
EPD-SW01-SR-230208	SW8270E	Diethyl phthalate	14	U	0.17	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Dimethyl phthalate	15	U	0.18	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Di-n-butyl phthalate	43	U	0.21	200	ug/L	200	U
EPD-SW01-SR-230208	SW8270E	Di-n-octyl phthalate	43	U	0.53	81	ug/L	81	U
EPD-SW01-SR-230208	SW8015D	DRO (C10-C28)	160		0.081	10	mg/L	160	J
EPD-SW01-SR-230208	SW8260D	Ethylbenzene	34	U	0.34	100	ug/L	100	U
EPD-SW01-SR-230208	SW8270E	Fluoranthene	43		0.038	20	ug/L	43	J
EPD-SW01-SR-230208	SW8270E	Fluorene	4.1	U	0.051	8.1	ug/L	8.1	U
EPD-SW01-SR-230208	SW8015D	GRO (C6-C10)	18000		76	2000	ug/L	18000	
EPD-SW01-SR-230208	SW8270E	Hexachlorobenzene	36	U	0.44	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Hexachlorobutadiene	51	U	0.63	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Hexachlorocyclopentadiene	88	U	1.1	400	ug/L	400	U
EPD-SW01-SR-230208	SW8270E	Hexachloroethane	50	U	0.62	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Indeno(1,2,3-cd)pyrene	5.4	U	0.067	8.1	ug/L	8.1	U
EPD-SW01-SR-230208	SW8270E	Isophorone	27	U	0.34	400	ug/L	400	U
EPD-SW01-SR-230208	SW8260D	Isopropylbenzene	35	U	0.35	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	m,p-Xylene	81	U	0.81	200	ug/L	200	U
EPD-SW01-SR-230208	SW8260D	Methyl acetate	59	U	0.59	200	ug/L	200	U
EPD-SW01-SR-230208	SW8260D	Methyl tert-butyl ether	45	U	0.45	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Methylcyclohexane	35	U	0.35	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Methylene chloride	86	U	0.86	500	ug/L	500	U
EPD-SW01-SR-230208	SW8270E	Naphthalene	5.4	U	0.067	8.1	ug/L	8.1	U
EPD-SW01-SR-230208	SW8270E	Nitrobenzene	21	U	0.26	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	N-Nitrosodi-n-propylamine	28	U	0.35	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	N-Nitrosodiphenylamine	40	U	0.49	81	ug/L	81	U
EPD-SW01-SR-230208	SW8015D	ORO (C28-C40)	2200		0.051	20	mg/L	2200	J
EPD-SW01-SR-230208	SW8260D	o-Xylene	31	U	0.31	100	ug/L	100	U
EPD-SW01-SR-230208	SW8270E	Pentachlorophenol	78	U	0.97	400	ug/L	400	U
EPD-SW01-SR-230208	SW8270E	Phenanthrene	41		0.081	20	ug/L	41	J
EPD-SW01-SR-230208	SW8270E	Phenol	17	U	0.21	81	ug/L	81	U
EPD-SW01-SR-230208	SW8270E	Pyrene	2.9	U	0.036	8.1	ug/L	8.1	U
EPD-SW01-SR-230208	SW8270E	Pyridine	46	U	0.57	810	ug/L	810	U
EPD-SW01-SR-230208	SW8260D	Styrene	33	U	0.33	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Tetrachloroethene	39	U	0.39	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Toluene	45	U	0.45	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	trans-1,2-Dichloroethene	48	U	0.48	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	trans-1,3-Dichloropropene	38	U	0.38	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Trichloroethene	43	U	0.43	100	ug/L	100	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW01-SR-230208	SW8260D	Trichlorofluoromethane	52	U	0.52	100	ug/L	100	U
EPD-SW01-SR-230208	SW8260D	Vinyl chloride	2400		0.53	100	ug/L	2400	J+
EPD-SW01-SR-230208	SW8260D	Xylenes, Total	81	U	0.81	200	ug/L	200	U
EPD-SW02-SR-230208	SW8260D	1,1,1-Trichloroethane	46	U	0.46	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,1,2,2-Tetrachloroethane	40	U	0.4	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,1,2-Trichloroethane	46	U	0.46	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	52	U	0.52	100	ug/L	100	U
EPD-SW02-SR-230208	SW8270E	1,1'-Biphenyl	33	U	0.42	79	ug/L	79	U
EPD-SW02-SR-230208	SW8260D	1,1-Dichloroethane	44	U	0.44	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,1-Dichloroethene	40	U	0.4	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,1-Dichloropropene	37	U	0.37	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2,3-Trichlorobenzene	42	U	0.42	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2,3-Trichloropropane	40	U	0.4	100	ug/L	100	U
EPD-SW02-SR-230208	SW8270E	1,2,4,5-Tetrachlorobenzene	27	U	0.34	400	ug/L	400	U
EPD-SW02-SR-230208	SW8260D	1,2,4-Trichlorobenzene	45	U	0.45	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2,4-Trimethylbenzene	45	U	0.45	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2-Dibromo-3-chloropropane	43	U	0.43	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2-Dibromoethane	41	U	0.41	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2-Dichlorobenzene	32	U	0.32	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2-Dichloroethane	44	U	0.44	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,2-Dichloropropane	48	U	0.48	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,3,5-Trimethylbenzene	65	U	0.65	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,3-Dichlorobenzene	33	U	0.33	100	ug/L	100	U
EPD-SW02-SR-230208	SW8260D	1,4-Dichlorobenzene	35	U	0.35	100	ug/L	100	U
EPD-SW02-SR-230208	SW8270E	1,4-Dioxane	57	U	0.72	400	ug/L	400	U
EPD-SW02-SR-230208	SW8270E	1-Methylnaphthalene	6.6	U	0.083	7.9	ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	2,2'-Oxybis(1-chloropropane)	18	U	0.23	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,3,4,6-Tetrachlorophenol	36	U	0.45	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,4,5-Trichlorophenol	14	U	0.17	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,4,6-Trichlorophenol	20	U	0.25	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,4-Dichlorophenol	28	U	0.35	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,4-Dimethylphenol	29	U	0.36	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,4-Dinitrophenol	210	U	2.6	400	ug/L	400	U
EPD-SW02-SR-230208	SW8270E	2,4-Dinitrotoluene	33	U	0.42	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2,6-Dinitrotoluene	26	U	0.33	79	ug/L	79	U
EPD-SW02-SR-230208	SW8260D	2-Butanone	52	U	0.52	500	ug/L	500	U
EPD-SW02-SR-230208	SW8270E	2-Chloronaphthalene	6	U	0.075	7.9	ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	2-Chlorophenol	18	U	0.23	79	ug/L	79	U
EPD-SW02-SR-230208	SW8260D	2-Hexanone	59	U	0.59	500	ug/L	500	U
EPD-SW02-SR-230208	SW8270E	2-Methylnaphthalene	5.2	U	0.065	7.9	ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	2-Methylphenol	20	U	0.25	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2-Nitroaniline	17	U	0.21	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	2-Nitrophenol	27	U	0.34	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	3&4-Methylphenol	17	U	0.21	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	3,3'-Dichlorobenzidine	37	U	0.46	400	ug/L	400	U
EPD-SW02-SR-230208	SW8270E	3-Nitroaniline	51	U	0.64	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	4,6-Dinitro-2-methylphenol	21	U	0.27	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	4-Bromophenyl phenyl ether	26	U	0.33	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	4-Chloro-3-methylphenol	21	U	0.26	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	4-Chloroaniline	88		0.34	79	ug/L	88	
EPD-SW02-SR-230208	SW8270E	4-Chlorophenyl phenyl ether	25	U	0.31	79	ug/L	79	U
EPD-SW02-SR-230208	SW8260D	4-Methyl-2-pentanone	52	U	0.52	100	ug/L	100	U
EPD-SW02-SR-230208	SW8270E	4-Nitroaniline	45	U	0.57	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	4-Nitrophenol	19	U	0.24	400	ug/L	400	U
EPD-SW02-SR-230208	SW8270E	Acenaphthene	6.4	U	0.081	7.9	ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Acenaphthylene	6	U	0.075	7.9	ug/L	7.9	U
EPD-SW02-SR-230208	SW8260D	Acetone	110	U	1.1	1000	ug/L	1000	U
EPD-SW02-SR-230208	SW8270E	Acetophenone	29	U	0.37	79	ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Anthracene	2.2	U	0.028	7.9	ug/L	7.9	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW02-SR-230208	SW8270E	Atrazine	28	U	0.35		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Benzaldehyde	41	U	0.52		79 ug/L	79	U
EPD-SW02-SR-230208	SW8260D	Benzene	46	U	0.46		100 ug/L	100	U
EPD-SW02-SR-230208	SW8270E	Benzo(a)anthracene	7.9	U	0.099		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Benzo(a)pyrene	3.5	U	0.044		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Benzo(b)fluoranthene	4.1	U	0.051		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Benzo(g,h,i)perylene	7.1	U	0.089		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Benzo(k)fluoranthene	3.8	U	0.048		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Bis(2-chloroethoxy)methane	23	U	0.29		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Bis(2-chloroethyl)ether	29	U	0.37		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Bis(2-ethylhexyl)phthalate	32	U	0.4		79 ug/L	79	U
EPD-SW02-SR-230208	SW8260D	Bromochloromethane	45	U	0.45		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Bromodichloromethane	49	U	0.49		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Bromoform	56	U	0.56		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Bromomethane	90	U	0.9		100 ug/L	100	U
EPD-SW02-SR-230208	SW8270E	Butyl benzyl phthalate	24	U	0.3		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Caprolactam	76	U	0.96		400 ug/L	400	U
EPD-SW02-SR-230208	SW8270E	Carbazole	19	U	0.24		79 ug/L	79	U
EPD-SW02-SR-230208	SW8260D	Carbon disulfide	49	U	0.49		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Carbon tetrachloride	40	U	0.4		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Chlorobenzene	40	U	0.4		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Chloroethane	68	U	0.68		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Chloroform	46	U	0.46		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Chloromethane	83	U	0.83		100 ug/L	100	U
EPD-SW02-SR-230208	SW8270E	Chrysene	3.8	U	0.048		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8260D	cis-1,2-Dichloroethene	42	U	0.42		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	cis-1,3-Dichloropropene	57	U	0.57		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Cyclohexane	63	U	0.63		200 ug/L	200	U
EPD-SW02-SR-230208	SW8270E	Dibenzo(a,h)anthracene	5.8	U	0.073		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Dibenzofuran	18	U	0.23		79 ug/L	79	U
EPD-SW02-SR-230208	SW8260D	Dibromochloromethane	40	U	0.4		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Dibromodifluoromethane	46	U	0.46		100 ug/L	100	U
EPD-SW02-SR-230208	SW8270E	Diethyl phthalate	14	U	0.17		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Dimethyl phthalate	14	U	0.18		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Di-n-butyl phthalate	50	U	0.21		240 ug/L	240	U
EPD-SW02-SR-230208	SW8270E	Di-n-octyl phthalate	42	U	0.53		79 ug/L	79	U
EPD-SW02-SR-230208	SW8015D	DRO (C10-C28)	1500		0.081		100 mg/L	1500	J
EPD-SW02-SR-230208	SW8260D	Ethylbenzene	34	U	0.34		100 ug/L	100	U
EPD-SW02-SR-230208	SW8270E	Fluoranthene	45		0.038		24 ug/L	45	
EPD-SW02-SR-230208	SW8270E	Fluorene	4.1	U	0.051		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8015D	GRO (C6-C10)	11000		76		2000 ug/L	11000	
EPD-SW02-SR-230208	SW8270E	Hexachlorobenzene	35	U	0.44		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Hexachlorobutadiene	50	U	0.63		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Hexachlorocyclopentadiene	87	U	1.1		400 ug/L	400	U
EPD-SW02-SR-230208	SW8270E	Hexachloroethane	49	U	0.62		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Indeno(1,2,3-cd)pyrene	5.3	U	0.067		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Isophorone	27	U	0.34		400 ug/L	400	U
EPD-SW02-SR-230208	SW8260D	Isopropylbenzene	35	U	0.35		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	m,p-Xylene	81	U	0.81		200 ug/L	200	U
EPD-SW02-SR-230208	SW8260D	Methyl acetate	59	U	0.59		200 ug/L	200	U
EPD-SW02-SR-230208	SW8260D	Methyl tert-butyl ether	45	U	0.45		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Methylcyclohexane	35	U	0.35		100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Methylene chloride	86	U	0.86		500 ug/L	500	U
EPD-SW02-SR-230208	SW8270E	Naphthalene	5.3	U	0.067		7.9 ug/L	7.9	U
EPD-SW02-SR-230208	SW8270E	Nitrobenzene	21	U	0.26		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	N-Nitrosodi-n-propylamine	28	U	0.35		79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	N-Nitrosodiphenylamine	39	U	0.49		79 ug/L	79	U
EPD-SW02-SR-230208	SW8015D	ORO (C28-C40)	27000		0.051		200 mg/L	27000	J
EPD-SW02-SR-230208	SW8260D	o-Xylene	31	U	0.31		100 ug/L	100	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW02-SR-230208	SW8270E	Pentachlorophenol	77	U		0.97	400 ug/L	400	U
EPD-SW02-SR-230208	SW8270E	Phenanthrene	42			0.081	24 ug/L	42	
EPD-SW02-SR-230208	SW8270E	Phenol	17	U		0.21	79 ug/L	79	U
EPD-SW02-SR-230208	SW8270E	Pyrene	12			0.036	7.9 ug/L	12	
EPD-SW02-SR-230208	SW8270E	Pyridine	45	U		0.57	790 ug/L	790	U
EPD-SW02-SR-230208	SW8260D	Styrene	33	U		0.33	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Tetrachloroethene	39	U		0.39	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Toluene	45	U		0.45	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	trans-1,2-Dichloroethene	48	U		0.48	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	trans-1,3-Dichloropropene	38	U		0.38	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Trichloroethene	43	U		0.43	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Trichlorofluoromethane	52	U		0.52	100 ug/L	100	U
EPD-SW02-SR-230208	SW8260D	Vinyl chloride	2200			0.53	100 ug/L	2200	
EPD-SW02-SR-230208	SW8260D	Xylenes, Total	81	U		0.81	200 ug/L	200	U
EPD-SW03-SR-230208	SW8260D	1,1,1-Trichloroethane	120	U		14	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,1,2,2-Tetrachloroethane	120	U		13	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,1,2-Trichloroethane	110	U		13	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,1,2-Trichlorotrifluoroethane	170	U		19	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW846 8270D	1,1'-Biphenyl	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW8260D	1,1-Dichloroethane	98	U		11	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,1-Dichloroethene	87	U		9.7	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,2,3-Trichlorobenzene	320	U		36	890 ug/Kg	890	U
EPD-SW03-SR-230208	SW8260D	1,2,3-Trichloropropane	110	U		13	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW846 8270D	1,2,4,5-Tetrachlorobenzene	490	U		50	490 mg/Kg	490	U
EPD-SW03-SR-230208	SW8260D	1,2,4-Trichlorobenzene	300	U		34	890 ug/Kg	890	U
EPD-SW03-SR-230208	SW8260D	1,2,4-Trimethylbenzene	200	U		22	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,2-Dibromo-3-chloropropane	250	U		28	890 ug/Kg	890	U
EPD-SW03-SR-230208	SW8260D	1,2-Dibromoethane	75	U		8.4	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,2-Dichlorobenzene	100	U		11	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,2-Dichloroethane	400	U		45	890 ug/Kg	890	U
EPD-SW03-SR-230208	SW8260D	1,2-Dichloropropane	200	U		22	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,3,5-Trimethylbenzene	310	U		35	890 ug/Kg	890	U
EPD-SW03-SR-230208	SW8260D	1,3-Dichlorobenzene	89	U		10	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW8260D	1,4-Dichlorobenzene	65	U		7.2	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW846 8270D	1,4-Dioxane	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	1-Methylnaphthalene	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,2'-Oxybis(1-chloropropane)	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,3,4,6-Tetrachlorophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,4,5-Trichlorophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,4,6-Trichlorophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,4-Dichlorophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,4-Dimethylphenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,4-Dinitrophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,4-Dinitrotoluene	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2,6-Dinitrotoluene	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW8260D	2-Butanone	220	U		25	1800 ug/Kg	1800	U
EPD-SW03-SR-230208	SW846 8270D	2-Chloronaphthalene	9.9	U		1	9.9 mg/Kg	9.9	U
EPD-SW03-SR-230208	SW846 8270D	2-Chlorophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW8260D	2-Hexanone	130	U		15	270 ug/Kg	270	U
EPD-SW03-SR-230208	SW846 8270D	2-Methylnaphthalene	9.9	U		1	9.9 mg/Kg	9.9	U
EPD-SW03-SR-230208	SW846 8270D	2-Methylphenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2-Nitroaniline	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	2-Nitrophenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	3&4-Methylphenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	3,3'-Dichlorobenzidine	490	U		50	490 mg/Kg	490	U
EPD-SW03-SR-230208	SW846 8270D	3-Nitroaniline	49	U		5	49 mg/Kg	49	R
EPD-SW03-SR-230208	SW846 8270D	4,6-Dinitro-2-methylphenol	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	4-Bromophenyl phenyl ether	49	U		5	49 mg/Kg	49	U
EPD-SW03-SR-230208	SW846 8270D	4-Chloro-3-methylphenol	49	U		5	49 mg/Kg	49	U

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW03-SR-230208	SW846 8270D	4-Chloroaniline	49 U			5	49 mg/Kg	49 R	
EPD-SW03-SR-230208	SW846 8270D	4-Chlorophenyl phenyl ether	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8260D	4-Methyl-2-pentanone	250 U			28	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW846 8270D	4-Nitroaniline	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	4-Nitrophenol	490 U			50	490 mg/Kg	490 U	
EPD-SW03-SR-230208	SW846 8270D	Acenaphthene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Acenaphthylene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW8260D	Acetone	790 U			89	890 ug/Kg	890 U	
EPD-SW03-SR-230208	SW846 8270D	Acetophenone	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Anthracene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Atrazine	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Benzaldehyde	49 U			5	49 mg/Kg	49 R	
EPD-SW03-SR-230208	SW8260D	Benzene	130 U			15	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW846 8270D	Benzo(a)anthracene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Benzo(a)pyrene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Benzo(b)fluoranthene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Benzo(g,h,i)perylene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Benzo(k)fluoranthene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Bis(2-chloroethoxy)methane	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Bis(2-chloroethyl)ether	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Bis(2-ethylhexyl)phthalate	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8260D	Bromochloromethane	140 U			15	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Bromodichloromethane	150 U			17	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Bromoform	110 U			13	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Bromomethane	510 U			57	890 ug/Kg	890 U	
EPD-SW03-SR-230208	SW846 8270D	Butyl benzyl phthalate	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Caprolactam	490 U			50	490 mg/Kg	490 U	
EPD-SW03-SR-230208	SW846 8270D	Carbazole	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8260D	Carbon disulfide	140 U			16	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Carbon tetrachloride	100 U			12	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Chlorobenzene	89 U			10	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Chloroethane	260 U			30	890 ug/Kg	890 U	
EPD-SW03-SR-230208	SW8260D	Chloroform	98 U			11	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Chloromethane	730 U			82	890 ug/Kg	890 U	
EPD-SW03-SR-230208	SW846 8270D	Chrysene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW8260D	cis-1,2-Dichloroethene	170 U			19	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	cis-1,3-Dichloropropene	200 U			23	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Cyclohexane	240 U			27	890 ug/Kg	890 U	
EPD-SW03-SR-230208	SW846 8270D	Dibenzo(a,h)anthracene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Dibenzofuran	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8260D	Dibromochloromethane	150 U			17	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Dichlorodifluoromethane	320 U			36	890 ug/Kg	890 U	
EPD-SW03-SR-230208	SW846 8270D	Diethyl phthalate	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Dimethyl phthalate	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Di-n-butyl phthalate	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Di-n-octyl phthalate	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8015D	DRO (C10-C28)	1900			0.081	120 mg/L	1900	
EPD-SW03-SR-230208	SW8260D	Ethylbenzene	57 U			6.3	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW846 8270D	Fluoranthene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Fluorene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW8015D	GRO (C6-C10)	2200000			2100	450000 ug/Kg	2200000	
EPD-SW03-SR-230208	SW846 8270D	Hexachlorobenzene	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Hexachlorobutadiene	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Hexachlorocyclopentadiene	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Hexachloroethane	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Indeno(1,2,3-cd)pyrene	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Isophorone	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8260D	Isopropylbenzene	82 U			9.2	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	m,p-Xylene	360 U			40	540 ug/Kg	540 U	

E PALESTINE SITE - ER AQUEOUS AND SEDIMENT ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW03-SR-230208	SW8260D	Methyl acetate	320 U			36	2200 ug/Kg	2200 U	
EPD-SW03-SR-230208	SW8260D	Methyl tert-butyl ether	77 U			8.6	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Methylcyclohexane	100 U			11	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Methylene chloride	710 U			80	2200 ug/Kg	2200 U	
EPD-SW03-SR-230208	SW846 8270D	Naphthalene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Nitrobenzene	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	N-Nitrosodi-n-propylamine	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	N-Nitrosodiphenylamine	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8015D	ORO (C28-C40)	28000			0.051	240 mg/L	28000	
EPD-SW03-SR-230208	SW8260D	o-Xylene	100 U			12	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW846 8270D	Pentachlorophenol	490 U			50	490 mg/Kg	490 U	
EPD-SW03-SR-230208	SW846 8270D	Phenanthrene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Phenol	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW846 8270D	Pyrene	9.9 U			1	9.9 mg/Kg	9.9 U	
EPD-SW03-SR-230208	SW846 8270D	Pyridine	49 U			5	49 mg/Kg	49 U	
EPD-SW03-SR-230208	SW8260D	Styrene	110 U			12	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Tetrachloroethene	160 U			18	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Toluene	73 U			8.2	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	trans-1,2-Dichloroethene	98 U			11	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	trans-1,3-Dichloropropene	150 U			17	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Trichloroethene	120 U			13	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Trichlorofluoromethane	140 U			15	270 ug/Kg	270 U	
EPD-SW03-SR-230208	SW8260D	Vinyl chloride	650			20	270 ug/Kg	650	
EPD-SW03-SR-230208	SW8260D	Xylenes, Total	360 U			40	800 ug/Kg	800 U	
TRIP BLANK	SW8260D	1,1,1-Trichloroethane	0.46 U			0.46	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,1,2,2-Tetrachloroethane	0.4 U			0.4	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,1,2-Trichloroethane	0.46 U			0.46	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52 U			0.52	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,1-Dichloroethane	0.44 U			0.44	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,1-Dichloroethene	0.4 U			0.4	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,1-Dichloropropene	0.37 U			0.37	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2,3-Trichlorobenzene	0.42 U			0.42	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2,3-Trichloropropane	0.4 U			0.4	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2,4-Trichlorobenzene	0.45 U			0.45	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2,4-Trimethylbenzene	0.45 U			0.45	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2-Dibromo-3-chloropropane	0.43 U			0.43	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2-Dibromoethane	0.41 U			0.41	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2-Dichlorobenzene	0.32 U			0.32	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2-Dichloroethane	0.44 U			0.44	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,2-Dichloropropane	0.48 U			0.48	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,3,5-Trimethylbenzene	0.65 U			0.65	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,3-Dichlorobenzene	0.33 U			0.33	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	1,4-Dichlorobenzene	0.35 U			0.35	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	2-Butanone	0.52 U			0.52	5 ug/L	5.0 U	
TRIP BLANK	SW8260D	2-Hexanone	0.59 U			0.59	5 ug/L	5.0 U	
TRIP BLANK	SW8260D	4-Methyl-2-pentanone	0.52 U			0.52	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Acetone	1.1 U			1.1	10 ug/L	10 U	
TRIP BLANK	SW8260D	Benzene	0.46 U			0.46	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Bromochloromethane	0.45 U			0.45	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Bromodichloromethane	0.49 U			0.49	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Bromoform	0.56 U			0.56	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Bromomethane	0.9 U			0.9	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Carbon disulfide	0.49 U			0.49	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Carbon tetrachloride	0.4 U			0.4	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Chlorobenzene	0.4 U			0.4	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Chloroethane	0.68 U			0.68	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	Chloroform	1.2			0.46	1 ug/L	1.2	
TRIP BLANK	SW8260D	Chloromethane	0.83 U			0.83	1 ug/L	1.0 U	
TRIP BLANK	SW8260D	cis-1,2-Dichloroethene	0.42 U			0.42	1 ug/L	1.0 U	

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
TRIP BLANK	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Cyclohexane	0.63	U	0.63		2 ug/L	2.0	U
TRIP BLANK	SW8260D	Dibromochloromethane	0.4	U	0.4		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Dibromodifluoromethane	0.46	U	0.46		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Ethylbenzene	0.34	U	0.34		1 ug/L	1.0	U
TRIP BLANK	SW8015D	GRO (C6-C10)	76	U	76	200	ug/L	200	U
TRIP BLANK	SW8260D	Isopropylbenzene	0.35	U	0.35		1 ug/L	1	U
TRIP BLANK	SW8260D	m,p-Xylene	0.81	U	0.81		2 ug/L	2.0	U
TRIP BLANK	SW8260D	Methyl acetate	0.59	U	0.59		2 ug/L	2.0	U
TRIP BLANK	SW8260D	Methyl tert-butyl ether	0.45	U	0.45		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Methylcyclohexane	0.35	U	0.35		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Methylene chloride	0.86	U	0.86		5 ug/L	5.0	U
TRIP BLANK	SW8260D	o-Xylene	0.31	U	0.31		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
TRIP BLANK	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
TRIP BLANK	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Vinyl chloride	0.53	U	0.53		1 ug/L	1.0	U
TRIP BLANK	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U



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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	DTN 1676c		<b>Technical Reviewer (signature and date)</b>	<i>Harry N. Ellis III</i> 2 March 2023
<b>Data Reviewer (signature and date)</b>	<i>Denise Maggini</i> February 25, 2023	<i>Edward</i> 03/01/2023	<b>Laboratory</b>	ALS Environmental/Holland, MI
<b>Laboratory Report No.</b>	23020880		<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA Method 8260D, Semivolatile organic compounds (SVOCs) by EPA Method 8270E, and Diesel Range Organics (DRO), Gasoline Range Organics (GRO), and Oil Range Organics (ORO) by EPA Method 8015D
<b>Samples and Matrix</b>	Nine water samples including one trip blank and one field duplicate			
<b>Collection Date(s)</b>	02/10/2023			
<b>Field Duplicate Pairs</b>	EPD-SW-03-01-021023/EPD-SW-03-01-021023-FD			
<b>Field QC Blanks</b>	TRIP BLANK			

**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**

Some sample results were rejected and are not usable due to holding time exceedances. The remaining results may be used as qualified.

**Data completeness:**

Within Criteria	Exceedance/Notes
Y	

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

**Sample preservation, receipt, and holding times:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>			
N	SVOCs: Four samples were re-extracted outside the 7-day extraction holding time. The detected compounds were qualified as estimated with a possible low bias (flagged J-) and nondetects were rejected (flagged R).			
	EPD-SW-08-01-021023	EPD-SW-04-01-021023	EPD-SW-03-01-021023	EPD-SW-02-01-021023
	Benzo(a)pyrene (J-) Benzo(b)fluoranthene (J-) Indeno(1,2,3-cd)pyrene (J-)	Benzo(a)pyrene (R) Benzo(b)fluoranthene (R) Indeno(1,2,3-cd)pyrene (R)	Benzo(b)fluoranthene (R)	Benzo(b)fluoranthene (J-)

**Method blanks:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	<p>VOCs (batch R364380c): The method blank reported acetone at 1.18 µg/L and 1,2,3-trichlorobenzene at 0.43 µg/L. The acetone result in sample EPD-SW-02-01-021023 was qualified as a nondetect (flagged U) at the RL.</p> <p>SVOCs (batch 211203a): The method blank reported benzo(a)pyrene (0.1 µg/L), benzo(b)fluoranthene (0.13 µg/L), di-n-butyl phthalate (5.83 ug/L), and indeno(1,2,3-cd) pyrene (0.1 µg/L). All samples are associated with this method blank except TRIP BLANK. The laboratory reextracted some of the affected samples with positive hits for benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd) pyrene. However, they were reextracted outside holding time. (See Sample preservation, receipt, and holding times section for qualifications). The detected di-n-butyl phthalate result for sample EPD-SW-03-01-021023 was raised to the RL and qualified as nondetect (flagged U).</p>

**Field blanks:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

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

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
N	EPD-SW-03-01-021023-FD (DRO/ORO): DRO and ORO result was qualified as estimated with a low bias (flagged J-) due to low surrogate recovery. EPD-SW-03-01-021023 and EPD-SW-03-01-021023-FD (SVOCs): 2-fluorophenol %Rs are unavailable due to matrix interference. No qualifications were applied.

**MS/MSDs:**

Within Criteria	Exceedance/Notes
Y	

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
NA	

**Field duplicates:**

Within Criteria	Exceedance/Notes
N	EPD-SW-03-01-021023/ EPD-SW-03-01-021023-FD (SVOCs): Bis(2-ethylhexyl)phthalate result for both samples was qualified as estimated (flagged J) due to an RPD exceedance.

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
Y	

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

**Sample dilutions:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

**Re-extraction and reanalysis:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**MDLs/RLs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	Detections between the method detection limit and sample RL were qualified by the laboratory as estimated (flagged J).

**Tentatively identified compounds:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	As requested, the laboratory scanned for tentatively identified compounds (TICs) in the VOC and SVOC analyses. The detected TICs are listed in the laboratory report but not in the EDD, and therefore, are not included in the attached qualified data table or qualified EDD.

**Other [specify]:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	There was inconsistency in the EDD with reporting of non-detected samples. The lab reported some non-detect results at the MDL and some at the RL. Non-detect result are reported at the RL in the attached qualified data table and validated EDD.

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

**Overall Qualifications:**

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

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
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.

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-08-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,1-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,1-Dichloroethene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,1-Dichloropropene	0.37	U	0.37		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2-Dibromoethane	0.41	U	0.41		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,2-Dichloropropane	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	2-Butanone	0.52	U	0.52		5 ug/L	5.0	U
EPD-SW-08-01-021023	SW8260D	2-Hexanone	0.59	U	0.59		5 ug/L	5.0	U
EPD-SW-08-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Acetone	2	J	1.1		10 ug/L	2.0	J
EPD-SW-08-01-021023	SW8260D	Benzene	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Bromochloromethane	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Bromodichloromethane	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Bromoform	0.56	U	0.56		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Bromomethane	0.9	U	0.9		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Carbon disulfide	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Carbon tetrachloride	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Chlorobenzene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Chloroethane	0.68	U	0.68		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Chloroform	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Chloromethane	0.83	U	0.83		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Cyclohexane	0.63	U	0.63		2 ug/L	2.0	U
EPD-SW-08-01-021023	SW8260D	Dibromochloromethane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Dibromodifluoromethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Ethylbenzene	0.34	U	0.34		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8015D	GRO (C6-C10)	76	U	76		200 ug/L	200	U
EPD-SW-08-01-021023	SW8260D	Isopropylbenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	m,p-Xylene	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-08-01-021023	SW8260D	Methyl acetate	0.59	U	0.59		2 ug/L	2.0	U
EPD-SW-08-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Methylcyclohexane	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Methylene chloride	0.86	U	0.86		5 ug/L	5.0	U
EPD-SW-08-01-021023	SW8260D	o-Xylene	0.31	U	0.31		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Vinyl chloride	0.53	U	0.53		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-08-01-021023	SW8270E	1,1'-Biphenyl	0.43	U	0.42		1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.35	U	0.34		5.1 ug/L	5.1	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-08-01-021023	SW8270E	1,4-Dioxane	0.73	U	0.72	5.1	ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	1-Methylnaphthalene	0.085	U	0.083	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.23	U	0.23	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.46	U	0.45	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,4,5-Trichlorophenol	0.17	U	0.17	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,4,6-Trichlorophenol	0.25	U	0.25	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,4-Dichlorophenol	0.36	U	0.35	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,4-Dimethylphenol	0.37	U	0.36	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,4-Dinitrophenol	2.7	U	2.6	5.1	ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	2,4-Dinitrotoluene	0.43	U	0.42	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2,6-Dinitrotoluene	0.34	U	0.33	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2-Chloronaphthalene	0.076	U	0.075	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	2-Chlorophenol	0.23	U	0.23	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2-Methylnaphthalene	0.066	U	0.065	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	2-Methylphenol	0.25	U	0.25	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2-Nitroaniline	0.21	U	0.21	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	2-Nitrophenol	0.35	U	0.34	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	3&4-Methylphenol	0.21	U	0.21	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.47	U	0.46	5.1	ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	3-Nitroaniline	0.65	U	0.64	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.27	U	0.27	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.34	U	0.33	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4-Chloro-3-methylphenol	0.26	U	0.26	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4-Chloroaniline	0.35	U	0.34	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.32	U	0.31	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4-Nitroaniline	0.58	U	0.57	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	4-Nitrophenol	0.24	U	0.24	5.1	ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	Acenaphthene	0.082	U	0.081	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Acenaphthylene	0.076	U	0.075	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Acetophenone	0.38	U	0.37	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Anthracene	0.029	U	0.028	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Atrazine	0.36	U	0.35	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Benzaldehyde	0.53	U	0.52	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Benzo(a)anthracene	0.25	U	0.099	0.1	ug/L	0.25	U
EPD-SW-08-01-021023	SW8270E	Benzo(a)pyrene	0.22	H	0.044	0.17	ug/L	0.22	J-
EPD-SW-08-01-021023	SW8270E	Benzo(b)fluoranthene	0.2	H	0.051	0.17	ug/L	0.20	J-
EPD-SW-08-01-021023	SW8270E	Benzo(g,h,i)perylene	0.2	U	0.089	0.1	ug/L	0.20	U
EPD-SW-08-01-021023	SW8270E	Benzo(k)fluoranthene	0.17	U	0.048	0.1	ug/L	0.17	U
EPD-SW-08-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.3	U	0.29	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.38	U	0.37	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	0.55	J	0.4	1	ug/L	0.55	J
EPD-SW-08-01-021023	SW8270E	Butyl benzyl phthalate	0.31	U	0.3	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Caprolactam	0.98	U	0.96	5.1	ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	Carbazole	0.24	U	0.24	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Chrysene	0.15	U	0.048	0.1	ug/L	0.15	U
EPD-SW-08-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.081	J	0.073	0.1	ug/L	0.081	J
EPD-SW-08-01-021023	SW8270E	Dibenzofuran	0.23	U	0.23	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Diethyl phthalate	0.17	U	0.17	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Dimethyl phthalate	0.18	U	0.18	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Di-n-butyl phthalate	0.21	U	0.21	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Di-n-octyl phthalate	0.54	U	0.53	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8015D	DRO (C10-C28)	0.081	U	0.081	0.1	mg/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Fluoranthene	0.45	U	0.038	0.1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Fluorene	0.052	U	0.051	0.1	ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Hexachlorobenzene	0.45	U	0.44	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Hexachlorobutadiene	0.64	U	0.63	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Hexachlorocyclopentadiene	1.1	U	1.1	5.1	ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	Hexachloroethane	0.63	U	0.62	1	ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.15	JH	0.067	0.17	ug/L	0.15	J-

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-08-01-021023	SW8270E	Isophorone	0.35	U		0.34	5.1 ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	Naphthalene	0.068	U		0.067	0.1 ug/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Nitrobenzene	0.26	U		0.26	1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.36	U		0.35	1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	N-Nitrosodiphenylamine	0.5	U		0.49	1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8015D	ORO (C28-C40)	0.051	U		0.051	0.1 mg/L	0.10	U
EPD-SW-08-01-021023	SW8270E	Pentachlorophenol	0.99	U		0.97	5.1 ug/L	5.1	U
EPD-SW-08-01-021023	SW8270E	Phenanthrene	0.18			0.081	0.1 ug/L	0.18	
EPD-SW-08-01-021023	SW8270E	Phenol	0.21	U		0.21	1 ug/L	1.0	U
EPD-SW-08-01-021023	SW8270E	Pyrene	0.26			0.036	0.1 ug/L	0.26	
EPD-SW-08-01-021023	SW8270E	Pyridine	0.58	U		0.57	10 ug/L	10	U
EPD-SW-07-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,1-Dichloroethane	0.44	U		0.44	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,1-Dichloroethene	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,1-Dichloropropene	0.37	U		0.37	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U		0.42	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U		0.43	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2-Dibromoethane	0.41	U		0.41	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U		0.32	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2-Dichloroethane	0.44	U		0.44	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,2-Dichloropropane	0.48	U		0.48	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U		0.65	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	2-Butanone	0.52	U		0.52	5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8260D	2-Hexanone	0.59	U		0.59	5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Acetone	1.3	J		1.1	10 ug/L	1.3	J
EPD-SW-07-01-021023	SW8260D	Benzene	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Bromochloromethane	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Bromodichloromethane	0.49	U		0.49	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Bromoform	0.56	U		0.56	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Bromomethane	0.9	U		0.9	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Carbon disulfide	0.49	U		0.49	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Carbon tetrachloride	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Chlorobenzene	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Chloroethane	0.68	U		0.68	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Chloroform	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Chloromethane	0.83	U		0.83	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U		0.42	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U		0.57	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Cyclohexane	0.63	U		0.63	2 ug/L	2.0	U
EPD-SW-07-01-021023	SW8260D	Dibromochloromethane	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Dibromodifluoromethane	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Ethylbenzene	0.34	U		0.34	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8015D	GRO (C6-C10)	76	U		76	200 ug/L	200	U
EPD-SW-07-01-021023	SW8260D	Isopropylbenzene	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	m,p-Xylene	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-07-01-021023	SW8260D	Methyl acetate	0.59	U		0.59	2 ug/L	2.0	U
EPD-SW-07-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Methylcyclohexane	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Methylene chloride	0.86	U		0.86	5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8260D	o-Xylene	0.31	U		0.31	1 ug/L	1.0	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-07-01-021023	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Vinyl chloride	0.53	U	0.53		1 ug/L	1.0	U
EPD-SW-07-01-021023	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-07-01-021023	SW8270E	1,1'-Biphenyl	0.42	U	0.42	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.34	U	0.34		5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	1,4-Dioxane	0.71	U	0.72		5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	1-Methylnaphthalene	0.082	U	0.083	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.23	U	0.23	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.45	U	0.45	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,4,5-Trichlorophenol	0.17	U	0.17	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,4,6-Trichlorophenol	0.25	U	0.25	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,4-Dichlorophenol	0.35	U	0.35	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,4-Dimethylphenol	0.36	U	0.36	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,4-Dinitrophenol	2.6	U	2.6		5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	2,4-Dinitrotoluene	0.42	U	0.42	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2,6-Dinitrotoluene	0.33	U	0.33	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2-Chloronaphthalene	0.074	U	0.075	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	2-Chlorophenol	0.23	U	0.23	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2-Methylnaphthalene	0.064	U	0.065	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	2-Methylphenol	0.25	U	0.25	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2-Nitroaniline	0.21	U	0.21	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	2-Nitrophenol	0.34	U	0.34	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	3&4-Methylphenol	0.21	U	0.21	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.46	U	0.46		5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	3-Nitroaniline	0.63	U	0.64	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.33	U	0.33	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4-Chloro-3-methylphenol	0.26	U	0.26	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4-Chloroaniline	0.34	U	0.34	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.31	U	0.31	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4-Nitroaniline	0.56	U	0.57	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	4-Nitrophenol	0.24	U	0.24		5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	Acenaphthene	0.08	U	0.081	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Acenaphthylene	0.074	U	0.075	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Acetophenone	0.37	U	0.37	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Anthracene	0.028	U	0.028	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Atrazine	0.35	U	0.35	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Benzaldehyde	0.52	U	0.52	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Benzo(a)anthracene	0.098	U	0.099	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Benzo(a)pyrene	0.044	U	0.044	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Benzo(b)fluoranthene	0.051	U	0.051	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Benzo(g,h,i)perylene	0.088	U	0.089	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Benzo(k)fluoranthene	0.048	U	0.048	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.29	U	0.29	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.37	U	0.37	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	0.4	U	0.4	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Butyl benzyl phthalate	0.3	U	0.3	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Caprolactam	0.95	U	0.96		5 ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	Carbazole	0.24	U	0.24	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Chrysene	0.048	U	0.048	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.072	U	0.073	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Dibenzofuran	0.23	U	0.23	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Diethyl phthalate	0.17	U	0.17	0.99	ug/L	0.99	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-07-01-021023	SW8270E	Dimethyl phthalate	0.18	U	0.18	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Di-n-butyl phthalate	0.21	U	0.21	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Di-n-octyl phthalate	0.52	U	0.53	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8015D	DRO (C10-C28)	0.082	U	0.081	0.1	mg/L	0.10	U
EPD-SW-07-01-021023	SW8270E	Fluoranthene	0.038	U	0.038	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Fluorene	0.051	U	0.051	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Hexachlorobenzene	0.44	U	0.44	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Hexachlorobutadiene	0.62	U	0.63	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Hexachlorocyclopentadiene	1.1	U	1.1	5	ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	Hexachloroethane	0.61	U	0.62	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.066	U	0.067	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Isophorone	0.34	U	0.34	5	ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	Naphthalene	0.066	U	0.067	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Nitrobenzene	0.26	U	0.26	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.35	U	0.35	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	N-Nitrosodiphenylamine	0.49	U	0.49	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8015D	ORO (C28-C40)	0.052	U	0.051	0.1	mg/L	0.10	U
EPD-SW-07-01-021023	SW8270E	Pentachlorophenol	0.96	U	0.97	5	ug/L	5.0	U
EPD-SW-07-01-021023	SW8270E	Phenanthrene	0.08	U	0.081	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Phenol	0.21	U	0.21	0.99	ug/L	0.99	U
EPD-SW-07-01-021023	SW8270E	Pyrene	0.036	U	0.036	0.099	ug/L	0.099	U
EPD-SW-07-01-021023	SW8270E	Pyridine	0.56	U	0.57	9.9	ug/L	9.9	U
EPD-SW-06-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,1-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,1-Dichloroethene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,1-Dichloropropene	0.37	U	0.37	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2-Dibromoethane	0.41	U	0.41	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,2-Dichloropropane	0.48	U	0.48	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	2-Butanone	0.52	U	0.52	5	ug/L	5.0	U
EPD-SW-06-01-021023	SW8260D	2-Hexanone	0.59	U	0.59	5	ug/L	5.0	U
EPD-SW-06-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Acetone	1.5	J	1.1	10	ug/L	1.5	J
EPD-SW-06-01-021023	SW8260D	Benzene	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Bromochloromethane	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Bromodichloromethane	0.49	U	0.49	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Bromoform	0.56	U	0.56	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Bromomethane	0.9	U	0.9	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Carbon disulfide	0.49	U	0.49	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Carbon tetrachloride	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Chlorobenzene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Chloroethane	0.68	U	0.68	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Chloroform	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Chloromethane	0.83	U	0.83	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57	1	ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Cyclohexane	0.63	U	0.63	2	ug/L	2.0	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-06-01-021023	SW8260D	Dibromochloromethane	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Dibromodifluoromethane	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Ethylbenzene	0.34	U		0.34	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8015D	GRO (C6-C10)	76	U		76	200 ug/L	200	U
EPD-SW-06-01-021023	SW8260D	Isopropylbenzene	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	m,p-Xylene	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-06-01-021023	SW8260D	Methyl acetate	0.59	U		0.59	2 ug/L	2.0	U
EPD-SW-06-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Methylcyclohexane	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Methylene chloride	0.86	U		0.86	5 ug/L	5.0	U
EPD-SW-06-01-021023	SW8260D	o-Xylene	0.31	U		0.31	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260	Scan for Volatile Organics	0			0	0 as noted	0.0	
EPD-SW-06-01-021023	SW8260D	Styrene	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Tetrachloroethene	0.39	U		0.39	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Toluene	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U		0.48	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U		0.38	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Trichloroethene	0.43	U		0.43	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Trichlorofluoromethane	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Vinyl chloride	0.53	U		0.53	1 ug/L	1.0	U
EPD-SW-06-01-021023	SW8260D	Xylenes, Total	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-06-01-021023	SW8270E	1,1'-Biphenyl	0.4	U		0.42	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.32	U		0.34	4.8 ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	1,4-Dioxane	0.69	U		0.72	4.8 ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	1-Methylnaphthalene	0.079	U		0.083	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.22	U		0.23	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.43	U		0.45	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,4,5-Trichlorophenol	0.16	U		0.17	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,4,6-Trichlorophenol	0.24	U		0.25	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,4-Dichlorophenol	0.33	U		0.35	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,4-Dimethylphenol	0.34	U		0.36	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,4-Dinitrophenol	2.5	U		2.6	4.8 ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	2,4-Dinitrotoluene	0.4	U		0.42	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2,6-Dinitrotoluene	0.31	U		0.33	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2-Chloronaphthalene	0.071	U		0.075	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	2-Chlorophenol	0.22	U		0.23	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2-Methylnaphthalene	0.062	U		0.065	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	2-Methylphenol	0.24	U		0.25	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2-Nitroaniline	0.2	U		0.21	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	2-Nitrophenol	0.32	U		0.34	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	3&4-Methylphenol	0.2	U		0.21	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.44	U		0.46	4.8 ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	3-Nitroaniline	0.61	U		0.64	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.26	U		0.27	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.31	U		0.33	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4-Chloro-3-methylphenol	0.25	U		0.26	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4-Chloroaniline	0.32	U		0.34	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.3	U		0.31	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4-Nitroaniline	0.54	U		0.57	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	4-Nitrophenol	0.23	U		0.24	4.8 ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	Acenaphthene	0.077	U		0.081	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Acenaphthylene	0.071	U		0.075	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Acetophenone	0.35	U		0.37	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Anthracene	0.027	U		0.028	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Atrazine	0.33	U		0.35	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Benzaldehyde	0.5	U		0.52	0.95 ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Benzo(a)anthracene	0.094	U		0.099	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Benzo(a)pyrene	0.042	U		0.044	0.095 ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Benzo(b)fluoranthene	0.049	U		0.051	0.095 ug/L	0.095	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-06-01-021023	SW8270E	Benzo(g,h,i)perylene	0.085	U	0.089	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Benzo(k)fluoranthene	0.046	U	0.048	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.28	U	0.29	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.35	U	0.37	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	0.38	U	0.4	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Butyl benzyl phthalate	0.29	U	0.3	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Caprolactam	0.91	U	0.96	4.8	ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	Carbazole	0.23	U	0.24	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Chrysene	0.046	U	0.048	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.069	U	0.073	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Dibenzofuran	0.22	U	0.23	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Diethyl phthalate	0.16	U	0.17	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Dimethyl phthalate	0.17	U	0.18	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Di-n-butyl phthalate	0.2	U	0.21	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Di-n-octyl phthalate	0.5	U	0.53	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8015D	DRO (C10-C28)	0.081	U	0.081	0.1	mg/L	0.10	U
EPD-SW-06-01-021023	SW8270E	Fluoranthene	0.036	U	0.038	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Fluorene	0.049	U	0.051	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Hexachlorobenzene	0.42	U	0.44	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Hexachlorobutadiene	0.6	U	0.63	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Hexachlorocyclopentadiene	1	U	1.1	4.8	ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	Hexachloroethane	0.59	U	0.62	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.064	U	0.067	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Isophorone	0.32	U	0.34	4.8	ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	Naphthalene	0.064	U	0.067	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Nitrobenzene	0.25	U	0.26	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.33	U	0.35	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	N-Nitrosodiphenylamine	0.47	U	0.49	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8015D	ORO (C28-C40)	0.051	U	0.051	0.1	mg/L	0.1	U
EPD-SW-06-01-021023	SW8270E	Pentachlorophenol	0.92	U	0.97	4.8	ug/L	4.8	U
EPD-SW-06-01-021023	SW8270E	Phenanthrene	0.077	U	0.081	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Phenol	0.2	U	0.21	0.95	ug/L	0.95	U
EPD-SW-06-01-021023	SW8270E	Pyrene	0.034	U	0.036	0.095	ug/L	0.095	U
EPD-SW-06-01-021023	SW8270E	Pyridine	0.54	U	0.57	9.5	ug/L	9.5	U
EPD-SW-05-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,1,1,2-Tetrachloroethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,1-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,1-Dichloroethene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,1-Dichloropropene	0.37	U	0.37	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2-Dibromoethane	0.41	U	0.41	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,2-Dichloropropane	0.48	U	0.48	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	2-Butanone	0.52	U	0.52	5	ug/L	5.0	U
EPD-SW-05-01-021023	SW8260D	2-Hexanone	0.59	U	0.59	5	ug/L	5.0	U
EPD-SW-05-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Acetone	2.7	J	1.1	10	ug/L	2.7	J
EPD-SW-05-01-021023	SW8260D	Benzene	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Bromochloromethane	0.45	U	0.45	1	ug/L	1.0	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020880

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-05-01-021023	SW8260D	Bromodichloromethane	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Bromoform	0.56	U	0.56		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Bromomethane	0.9	U	0.9		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Carbon disulfide	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Carbon tetrachloride	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Chlorobenzene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Chloroethane	0.68	U	0.68		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Chloroform	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Chloromethane	0.83	U	0.83		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Cyclohexane	0.63	U	0.63		2 ug/L	2.0	U
EPD-SW-05-01-021023	SW8260D	Dibromochloromethane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Dibromodifluoromethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Ethylbenzene	0.34	U	0.34		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8015D	GRO (C6-C10)	76	U	76		200 ug/L	200	U
EPD-SW-05-01-021023	SW8260D	Isopropylbenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	m,p-Xylene	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-05-01-021023	SW8260D	Methyl acetate	0.59	U	0.59		2 ug/L	2.0	U
EPD-SW-05-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Methylcyclohexane	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Methylene chloride	0.86	U	0.86		5 ug/L	5.0	U
EPD-SW-05-01-021023	SW8260D	o-Xylene	0.31	U	0.31		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Vinyl chloride	0.53	U	0.53		1 ug/L	1.0	U
EPD-SW-05-01-021023	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-05-01-021023	SW8270E	1,1'-Biphenyl	0.41	U	0.42	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.33	U	0.34	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	1,4-Dioxane	0.71	U	0.72	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	1-Methylnaphthalene	0.082	U	0.083	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.23	U	0.23	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.44	U	0.45	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,4,5-Trichlorophenol	0.17	U	0.17	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,4,6-Trichlorophenol	0.25	U	0.25	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,4-Dichlorophenol	0.34	U	0.35	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,4-Dimethylphenol	0.35	U	0.36	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,4-Dinitrophenol	2.6	U	2.6	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	2,4-Dinitrotoluene	0.41	U	0.42	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2,6-Dinitrotoluene	0.32	U	0.33	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2-Chloronaphthalene	0.074	U	0.075	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	2-Chlorophenol	0.23	U	0.23	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2-Methylnaphthalene	0.064	U	0.065	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	2-Methylphenol	0.25	U	0.25	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2-Nitroaniline	0.21	U	0.21	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	2-Nitrophenol	0.33	U	0.34	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	3&4-Methylphenol	0.21	U	0.21	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.45	U	0.46	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	3-Nitroaniline	0.63	U	0.64	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.32	U	0.33	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	4-Chloro-3-methylphenol	0.26	U	0.26	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	4-Chloroaniline	0.33	U	0.34	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.3	U	0.31	0.98	ug/L	0.98	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020880

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-05-01-021023	SW8270E	4-Nitroaniline	0.56	U	0.57	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	4-Nitrophenol	0.24	U	0.24	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	Acenaphthene	0.08	U	0.081	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Acenaphthylene	0.074	U	0.075	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Acetophenone	0.36	U	0.37	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Anthracene	0.027	U	0.028	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Atrazine	0.34	U	0.35	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Benzaldehyde	0.51	U	0.52	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Benzo(a)anthracene	0.097	U	0.099	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Benzo(a)pyrene	0.043	U	0.044	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Benzo(b)fluoranthene	0.05	U	0.051	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Benzo(g,h,i)perylene	0.087	U	0.089	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Benzo(k)fluoranthene	0.047	U	0.048	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.28	U	0.29	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.36	U	0.37	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	0.39	U	0.4	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Butyl benzyl phthalate	0.29	U	0.3	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Caprolactam	0.94	U	0.96	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	Carbazole	0.24	U	0.24	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Chrysene	0.047	U	0.048	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.072	U	0.073	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Dibenzofuran	0.23	U	0.23	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Diethyl phthalate	0.17	U	0.17	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Dimethyl phthalate	0.18	U	0.18	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Di-n-butyl phthalate	0.21	U	0.21	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Di-n-octyl phthalate	0.52	U	0.53	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8015D	DRO (C10-C28)	0.083	U	0.081	0.1	mg/L	0.10	U
EPD-SW-05-01-021023	SW8270E	Fluoranthene	0.037	U	0.038	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Fluorene	0.05	U	0.051	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Hexachlorobenzene	0.43	U	0.44	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Hexachlorobutadiene	0.62	U	0.63	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Hexachlorocyclopentadiene	1.1	U	1.1	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	Hexachloroethane	0.61	U	0.62	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.066	U	0.067	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Isophorone	0.33	U	0.34	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	Naphthalene	0.066	U	0.067	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Nitrobenzene	0.26	U	0.26	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.34	U	0.35	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	N-Nitrosodiphenylamine	0.48	U	0.49	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8015D	ORO (C28-C40)	0.052	U	0.051	0.1	mg/L	0.10	U
EPD-SW-05-01-021023	SW8270E	Pentachlorophenol	0.95	U	0.97	4.9	ug/L	4.9	U
EPD-SW-05-01-021023	SW8270E	Phenanthrene	0.08	U	0.081	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Phenol	0.21	U	0.21	0.98	ug/L	0.98	U
EPD-SW-05-01-021023	SW8270E	Pyrene	0.035	U	0.036	0.098	ug/L	0.098	U
EPD-SW-05-01-021023	SW8270E	Pyridine	0.56	U	0.57	9.8	ug/L	9.8	U
EPD-SW-04-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,1-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,1-Dichloroethene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,1-Dichloropropene	0.37	U	0.37	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2-Dibromoethane	0.41	U	0.41	1	ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32	1	ug/L	1.0	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-04-01-021023	SW8260D	1,2-Dichloroethane	0.44	U		0.44	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,2-Dichloropropane	0.48	U		0.48	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U		0.65	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	2-Butanone	0.52	U		0.52	5 ug/L	5.0	U
EPD-SW-04-01-021023	SW8260D	2-Hexanone	0.59	U		0.59	5 ug/L	5.0	U
EPD-SW-04-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Acetone	1.1	U		1.1	10 ug/L	10	U
EPD-SW-04-01-021023	SW8260D	Benzene	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Bromochloromethane	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Bromodichloromethane	0.49	U		0.49	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Bromoform	0.56	U		0.56	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Bromomethane	0.9	U		0.9	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Carbon disulfide	0.49	U		0.49	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Carbon tetrachloride	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Chlorobenzene	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Chloroethane	0.68	U		0.68	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Chloroform	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Chloromethane	0.83	U		0.83	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U		0.42	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U		0.57	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Cyclohexane	0.63	U		0.63	2 ug/L	2.0	U
EPD-SW-04-01-021023	SW8260D	Dibromochloromethane	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Dibromodifluoromethane	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Ethylbenzene	0.34	U		0.34	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8015D	GRO (C6-C10)	76	U		76	200 ug/L	200	U
EPD-SW-04-01-021023	SW8260D	Isopropylbenzene	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	m,p-Xylene	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-04-01-021023	SW8260D	Methyl acetate	0.59	U		0.59	2 ug/L	2.0	U
EPD-SW-04-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Methylcyclohexane	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Methylene chloride	0.86	U		0.86	5 ug/L	5.0	U
EPD-SW-04-01-021023	SW8260D	o-Xylene	0.31	U		0.31	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Styrene	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Tetrachloroethene	0.39	U		0.39	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Toluene	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U		0.48	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U		0.38	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Trichloroethene	0.43	U		0.43	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Trichlorofluoromethane	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Vinyl chloride	0.53	U		0.53	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8260D	Xylenes, Total	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-04-01-021023	SW8270E	1,1'-Biphenyl	0.44	U		0.42	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.35	U		0.34	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	1,4-Dioxane	0.75	U		0.72	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	1-Methylnaphthalene	0.086	U		0.083	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.24	U		0.23	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.47	U		0.45	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,4,5-Trichlorophenol	0.18	U		0.17	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,4,6-Trichlorophenol	0.26	U		0.25	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,4-Dichlorophenol	0.36	U		0.35	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,4-Dimethylphenol	0.37	U		0.36	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,4-Dinitrophenol	2.7	U		2.6	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	2,4-Dinitrotoluene	0.44	U		0.42	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2,6-Dinitrotoluene	0.34	U		0.33	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2-Chloronaphthalene	0.078	U		0.075	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	2-Chlorophenol	0.24	U		0.23	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2-Methylnaphthalene	0.067	U		0.065	0.1 ug/L	0.10	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-04-01-021023	SW8270E	2-Methylphenol	0.26	U		0.25	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2-Nitroaniline	0.22	U		0.21	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	2-Nitrophenol	0.35	U		0.34	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	3&4-Methylphenol	0.22	U		0.21	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.48	U		0.46	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	3-Nitroaniline	0.66	U		0.64	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.28	U		0.27	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.34	U		0.33	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4-Chloro-3-methylphenol	0.27	U		0.26	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4-Chloroaniline	0.35	U		0.34	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.32	U		0.31	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4-Nitroaniline	0.59	U		0.57	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	4-Nitrophenol	0.25	U		0.24	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	Acenaphthene	0.084	U		0.081	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Acenaphthylene	0.078	U		0.075	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Acetophenone	0.38	U		0.37	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Anthracene	0.029	U		0.028	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Atrazine	0.36	U		0.35	1 ug/L	1.00	U
EPD-SW-04-01-021023	SW8270E	Benzaldehyde	0.54	U		0.52	1 ug/L	1.00	U
EPD-SW-04-01-021023	SW8270E	Benzo(a)anthracene	0.1	U		0.099	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Benzo(a)pyrene	0.05	HU		0.044	0.11 ug/L	0.05	R
EPD-SW-04-01-021023	SW8270E	Benzo(b)fluoranthene	0.058	HU		0.051	0.11 ug/L	0.058	R
EPD-SW-04-01-021023	SW8270E	Benzo(g,h,i)perylene	0.092	U		0.089	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Benzo(k)fluoranthene	0.093	J		0.048	0.1 ug/L	0.093	J
EPD-SW-04-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.3	U		0.29	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.38	U		0.37	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	0.42	U		0.4	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Butyl benzyl phthalate	0.31	U		0.3	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Caprolactam	1	U		0.96	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	Carbazole	0.25	U		0.24	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Chrysene	0.05	U		0.048	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.076	U		0.073	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Dibenzofuran	0.24	U		0.23	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Diethyl phthalate	0.18	U		0.17	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Dimethyl phthalate	0.19	U		0.18	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Di-n-butyl phthalate	0.22	U		0.21	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Di-n-octyl phthalate	0.55	U		0.53	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8015D	DRO (C10-C28)	0.081	U		0.081	0.1 mg/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Fluoranthene	0.073	J		0.038	0.1 ug/L	0.073	J
EPD-SW-04-01-021023	SW8270E	Fluorene	0.053	U		0.051	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Hexachlorobenzene	0.46	U		0.44	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Hexachlorobutadiene	0.65	U		0.63	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Hexachlorocyclopentadiene	1.1	U		1.1	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	Hexachloroethane	0.64	U		0.62	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.077	HU		0.067	0.11 ug/L	0.077	R
EPD-SW-04-01-021023	SW8270E	Isophorone	0.35	U		0.34	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	Naphthalene	0.17			0.067	0.1 ug/L	0.17	
EPD-SW-04-01-021023	SW8270E	Nitrobenzene	0.27	U		0.26	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.36	U		0.35	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	N-Nitrosodiphenylamine	0.51	U		0.49	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8015D	ORO (C28-C40)	0.051	U		0.051	0.1 mg/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Pentachlorophenol	1	U		0.97	5.2 ug/L	5.2	U
EPD-SW-04-01-021023	SW8270E	Phenanthrene	0.084	U		0.081	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Phenol	0.22	U		0.21	1 ug/L	1.0	U
EPD-SW-04-01-021023	SW8270E	Pyrene	0.037	U		0.036	0.1 ug/L	0.10	U
EPD-SW-04-01-021023	SW8270E	Pyridine	0.59	U		0.57	10 ug/L	10	U
EPD-SW-03-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U		0.46	1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U		0.4	1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U		0.46	1 ug/L	1.0	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,1-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,1-Dichloroethene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,1-Dichloropropene	0.37	U	0.37		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2-Dibromoethane	0.41	U	0.41		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2-Dichloroethane	0.44	U	0.44		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,2-Dichloropropane	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	2-Butanone	0.52	U	0.52		5 ug/L	5.0	U
EPD-SW-03-01-021023	SW8260D	2-Hexanone	0.59	U	0.59		5 ug/L	5.0	U
EPD-SW-03-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Acetone	2.4	J	1.1		10 ug/L	2.4	J
EPD-SW-03-01-021023	SW8260D	Benzene	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Bromochloromethane	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Bromodichloromethane	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Bromoform	0.56	U	0.56		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Bromomethane	0.9	U	0.9		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Carbon disulfide	0.49	U	0.49		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Carbon tetrachloride	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Chlorobenzene	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Chloroethane	0.68	U	0.68		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Chloroform	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Chloromethane	0.83	U	0.83		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Cyclohexane	0.63	U	0.63		2 ug/L	2.0	U
EPD-SW-03-01-021023	SW8260D	Dibromochloromethane	0.4	U	0.4		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Dibromodifluoromethane	0.46	U	0.46		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Ethylbenzene	0.34	U	0.34		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8015D	GRO (C6-C10)	400		76	200 ug/L		400	
EPD-SW-03-01-021023	SW8260D	Isopropylbenzene	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	m,p-Xylene	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-03-01-021023	SW8260D	Methyl acetate	0.59	U	0.59		2 ug/L	2.0	U
EPD-SW-03-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Methylcyclohexane	0.35	U	0.35		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Methylene chloride	0.86	U	0.86		5 ug/L	5.0	U
EPD-SW-03-01-021023	SW8260D	o-Xylene	0.31	U	0.31		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Styrene	0.33	U	0.33		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Tetrachloroethene	0.39	U	0.39		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Toluene	0.45	U	0.45		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-03-01-021023	SW8260D	Vinyl chloride	1.1		0.53		1 ug/L	1.1	
EPD-SW-03-01-021023	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-03-01-021023	SW8270E	1,1'-Biphenyl	0.4	U	0.42	0.96 ug/L		0.96	U
EPD-SW-03-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.33	U	0.34	4.8 ug/L		4.8	U
EPD-SW-03-01-021023	SW8270E	1,4-Dioxane	0.69	U	0.72	4.8 ug/L		4.8	U
EPD-SW-03-01-021023	SW8270E	1-Methylnaphthalene	0.079	U	0.083	0.096 ug/L		0.096	U
EPD-SW-03-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.22	U	0.23	0.96 ug/L		0.96	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.43	U	0.45	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2,4,5-Trichlorophenol	0.16	U	0.17	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2,4,6-Trichlorophenol	0.24	U	0.25	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2,4-Dichlorophenol	0.33	U	0.35	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2,4-Dimethylphenol	0.34	U	0.36	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2,4-Dinitrophenol	2.5	U	2.6	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	2,4-Dinitrotoluene	0.4	U	0.42	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2,6-Dinitrotoluene	0.32	U	0.33	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2-Chloronaphthalene	0.072	U	0.075	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	2-Chlorophenol	0.22	U	0.23	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2-Methylnaphthalene	0.062	U	0.065	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	2-Methylphenol	0.24	U	0.25	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2-Nitroaniline	0.2	U	0.21	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	2-Nitrophenol	0.33	U	0.34	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	3&4-Methylphenol	0.2	U	0.21	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.44	U	0.46	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	3-Nitroaniline	0.61	U	0.64	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.26	U	0.27	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.32	U	0.33	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4-Chloro-3-methylphenol	0.25	U	0.26	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4-Chloroaniline	0.33	U	0.34	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.3	U	0.31	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4-Nitroaniline	0.54	U	0.57	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	4-Nitrophenol	0.23	U	0.24	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	Acenaphthene	0.077	U	0.081	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Acenaphthylene	0.072	U	0.075	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Acetophenone	0.35	U	0.37	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Anthracene	0.038	J	0.028	0.096	ug/L	0.038	J
EPD-SW-03-01-021023	SW8270E	Atrazine	0.33	U	0.35	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Benzaldehyde	0.5	U	0.52	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Benzo(a)anthracene	0.095	U	0.099	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Benzo(a)pyrene	0.086	J	0.044	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Benzo(b)fluoranthene	0.072	HU	0.051	0.14	ug/L	0.072	R
EPD-SW-03-01-021023	SW8270E	Benzo(g,h,i)perylene	0.085	U	0.089	0.096	ug/L	0.096	R
EPD-SW-03-01-021023	SW8270E	Benzo(k)fluoranthene	0.076	J	0.048	0.096	ug/L	0.076	J
EPD-SW-03-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.28	U	0.29	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.35	U	0.37	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	3.7		0.4	0.96	ug/L	3.7	J
EPD-SW-03-01-021023	SW8270E	Butyl benzyl phthalate	0.29	U	0.3	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Caprolactam	0.92	U	0.96	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	Carbazole	0.23	U	0.24	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Chrysene	0.046	U	0.048	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.07	U	0.073	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Dibenzofuran	0.22	U	0.23	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Diethyl phthalate	0.16	U	0.17	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Dimethyl phthalate	0.17	U	0.18	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Di-n-butyl phthalate	0.39	J	0.21	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Di-n-octyl phthalate	0.51	U	0.53	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8015D	DRO (C10-C28)	0.17		0.081	0.099	mg/L	0.17	
EPD-SW-03-01-021023	SW8270E	Fluoranthene	0.14		0.038	0.096	ug/L	0.14	
EPD-SW-03-01-021023	SW8270E	Fluorene	0.067	J	0.051	0.096	ug/L	0.067	J
EPD-SW-03-01-021023	SW8270E	Hexachlorobenzene	0.42	U	0.44	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Hexachlorobutadiene	0.6	U	0.63	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Hexachlorocyclopentadiene	1	U	1.1	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	Hexachloroethane	0.59	U	0.62	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.076	J	0.067	0.096	ug/L	0.096	U
EPD-SW-03-01-021023	SW8270E	Isophorone	0.33	U	0.34	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	Naphthalene	0.076	J	0.067	0.096	ug/L	0.076	J
EPD-SW-03-01-021023	SW8270E	Nitrobenzene	0.25	U	0.26	0.96	ug/L	0.96	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.33	U	0.35	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	N-Nitrosodiphenylamine	0.47	U	0.49	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8015D	ORO (C28-C40)	0.53		0.051	0.099	mg/L	0.53	
EPD-SW-03-01-021023	SW8270E	Pentachlorophenol	0.93	U	0.97	4.8	ug/L	4.8	U
EPD-SW-03-01-021023	SW8270E	Phenanthrene	0.17		0.081	0.096	ug/L	0.17	
EPD-SW-03-01-021023	SW8270E	Phenol	0.2	U	0.21	0.96	ug/L	0.96	U
EPD-SW-03-01-021023	SW8270E	Pyrene	0.048	J	0.036	0.096	ug/L	0.048	J
EPD-SW-03-01-021023	SW8270E	Pyridine	0.54	U	0.57	9.6	ug/L	9.6	U
EPD-SW-03-01-021023-FD	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,1-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,1-Dichloroethene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,1-Dichloropropene	0.37	U	0.37	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2-Dibromoethane	0.41	U	0.41	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,2-Dichloropropane	0.48	U	0.48	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	2-Butanone	0.52	U	0.52	5	ug/L	5.0	U
EPD-SW-03-01-021023-FD	SW8260D	2-Hexanone	0.59	U	0.59	5	ug/L	5.0	U
EPD-SW-03-01-021023-FD	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Acetone	3.1	J	1.1	10	ug/L	3.1	J
EPD-SW-03-01-021023-FD	SW8260D	Benzene	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Bromochloromethane	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Bromodichloromethane	0.49	U	0.49	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Bromoform	0.56	U	0.56	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Bromomethane	0.9	U	0.9	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Carbon disulfide	0.49	U	0.49	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Carbon tetrachloride	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Chlorobenzene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Chloroethane	0.68	U	0.68	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Chloroform	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Chloromethane	0.83	U	0.83	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Cyclohexane	0.63	U	0.63	2	ug/L	2.0	U
EPD-SW-03-01-021023-FD	SW8260D	Dibromochloromethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Dibromodifluoromethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Ethylbenzene	0.34	U	0.34	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8015D	GRO (C6-C10)	400		76	200	ug/L	400	
EPD-SW-03-01-021023-FD	SW8260D	Isopropylbenzene	0.35	U	0.35	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	m,p-Xylene	0.81	U	0.81	2	ug/L	2.0	U
EPD-SW-03-01-021023-FD	SW8260D	Methyl acetate	0.59	U	0.59	2	ug/L	2.0	U
EPD-SW-03-01-021023-FD	SW8260D	Methyl tert-butyl ether	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Methylcyclohexane	0.35	U	0.35	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Methylene chloride	0.86	U	0.86	5	ug/L	5.0	U
EPD-SW-03-01-021023-FD	SW8260D	o-Xylene	0.31	U	0.31	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Styrene	0.33	U	0.33	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Tetrachloroethene	0.39	U	0.39	1	ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Toluene	0.45	U	0.45	1	ug/L	1.0	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-021023-FD	SW8260D	trans-1,2-Dichloroethene	0.48	U	0.48		1 ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	trans-1,3-Dichloropropene	0.38	U	0.38		1 ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Trichloroethene	0.43	U	0.43		1 ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Trichlorofluoromethane	0.52	U	0.52		1 ug/L	1.0	U
EPD-SW-03-01-021023-FD	SW8260D	Vinyl chloride	1.1		0.53		1 ug/L	1.1	
EPD-SW-03-01-021023-FD	SW8260D	Xylenes, Total	0.81	U	0.81		2 ug/L	2.0	U
EPD-SW-03-01-021023-FD	SW8270E	1,1'-Biphenyl	0.4	U	0.42		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	1,2,4,5-Tetrachlorobenzene	0.32	U	0.34		4.8 ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	1,4-Dioxane	0.68	U	0.72		4.8 ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	1-Methylnaphthalene	0.079	U	0.083		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	2,2'-Oxybis(1-chloropropane)	0.22	U	0.23		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,3,4,6-Tetrachlorophenol	0.43	U	0.45		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,4,5-Trichlorophenol	0.16	U	0.17		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,4,6-Trichlorophenol	0.24	U	0.25		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,4-Dichlorophenol	0.33	U	0.35		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,4-Dimethylphenol	0.34	U	0.36		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,4-Dinitrophenol	2.5	U	2.6		4.8 ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	2,4-Dinitrotoluene	0.4	U	0.42		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2,6-Dinitrotoluene	0.31	U	0.33		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2-Chloronaphthalene	0.071	U	0.075		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	2-Chlorophenol	0.22	U	0.23		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2-Methylnaphthalene	0.067	J	0.065		0.095 ug/L	0.067	J
EPD-SW-03-01-021023-FD	SW8270E	2-Methylphenol	0.24	U	0.25		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2-Nitroaniline	0.2	U	0.21		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	2-Nitrophenol	0.32	U	0.34		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	3&4-Methylphenol	0.2	U	0.21		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	3,3'-Dichlorobenzidine	0.44	U	0.46		4.8 ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	3-Nitroaniline	0.61	U	0.64		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4,6-Dinitro-2-methylphenol	0.26	U	0.27		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4-Bromophenyl phenyl ether	0.31	U	0.33		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4-Chloro-3-methylphenol	0.25	U	0.26		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4-Chloroaniline	0.32	U	0.34		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4-Chlorophenyl phenyl ether	0.29	U	0.31		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4-Nitroaniline	0.54	U	0.57		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	4-Nitrophenol	0.23	U	0.24		4.8 ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	Acenaphthene	0.077	U	0.081		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Acenaphthylene	0.071	U	0.075		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Acetophenone	0.35	U	0.37		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Anthracene	0.029	J	0.028		0.095 ug/L	0.029	J
EPD-SW-03-01-021023-FD	SW8270E	Atrazine	0.33	U	0.35		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Benzaldehyde	0.49	U	0.52		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Benzo(a)anthracene	0.094	U	0.099		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Benzo(a)pyrene	0.067	J	0.044		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Benzo(b)fluoranthene	0.086	J	0.051		0.095 ug/L	0.086	J
EPD-SW-03-01-021023-FD	SW8270E	Benzo(g,h,i)perylene	0.085	U	0.089		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Benzo(k)fluoranthene	0.067	J	0.048		0.095 ug/L	0.067	J
EPD-SW-03-01-021023-FD	SW8270E	Bis(2-chloroethoxy)methane	0.28	U	0.29		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Bis(2-chloroethyl)ether	0.35	U	0.37		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Bis(2-ethylhexyl)phthalate	13		0.4		0.95 ug/L	13	J
EPD-SW-03-01-021023-FD	SW8270E	Butyl benzyl phthalate	0.29	U	0.3		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Caprolactam	1.3	J	0.96		4.8 ug/L	1.3	J
EPD-SW-03-01-021023-FD	SW8270E	Carbazole	0.23	U	0.24		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Chrysene	0.046	U	0.048		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Dibenzo(a,h)anthracene	0.069	U	0.073		0.095 ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Dibenzofuran	0.22	U	0.23		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Diethyl phthalate	0.16	U	0.17		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Dimethyl phthalate	0.17	U	0.18		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Di-n-butyl phthalate	0.2	U	0.21		0.95 ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Di-n-octyl phthalate	0.5	U	0.53		0.95 ug/L	0.95	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-03-01-021023-FD	SW8015D	DRO (C10-C28)	0.23		0.081	0.1	mg/L	0.23	J-
EPD-SW-03-01-021023-FD	SW8270E	Fluoranthene	0.12		0.038	0.095	ug/L	0.12	
EPD-SW-03-01-021023-FD	SW8270E	Fluorene	0.067	J	0.051	0.095	ug/L	0.067	J
EPD-SW-03-01-021023-FD	SW8270E	Hexachlorobenzene	0.42	U	0.44	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Hexachlorobutadiene	0.6	U	0.63	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Hexachlorocyclopentadiene	1	U	1.1	4.8	ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	Hexachloroethane	0.59	U	0.62	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Indeno(1,2,3-cd)pyrene	0.064	U	0.067	0.095	ug/L	0.095	U
EPD-SW-03-01-021023-FD	SW8270E	Isophorone	0.32	U	0.34	4.8	ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	Naphthalene	0.16		0.067	0.095	ug/L	0.16	
EPD-SW-03-01-021023-FD	SW8270E	Nitrobenzene	0.25	U	0.26	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	N-Nitrosodi-n-propylamine	0.33	U	0.35	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	N-Nitrosodiphenylamine	0.47	U	0.49	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8015D	ORO (C28-C40)	0.88		0.051	0.1	mg/L	0.88	J-
EPD-SW-03-01-021023-FD	SW8270E	Pentachlorophenol	0.92	U	0.97	4.8	ug/L	4.8	U
EPD-SW-03-01-021023-FD	SW8270E	Phenanthrene	0.16		0.081	0.095	ug/L	0.16	
EPD-SW-03-01-021023-FD	SW8270E	Phenol	0.2	U	0.21	0.95	ug/L	0.95	U
EPD-SW-03-01-021023-FD	SW8270E	Pyrene	0.038	J	0.036	0.095	ug/L	0.038	J
EPD-SW-03-01-021023-FD	SW8270E	Pyridine	0.54	U	0.57	9.5	ug/L	9.5	U
EPD-SW-02-01-021023	SW8260D	1,1,1-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,1,2-Trichloroethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,1-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,1-Dichloroethene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,1-Dichloropropene	1		0.37	1	ug/L	1.0	
EPD-SW-02-01-021023	SW8260D	1,2,3-Trichlorobenzene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2,3-Trichloropropane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2,4-Trichlorobenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2,4-Trimethylbenzene	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U	0.43	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2-Dibromoethane	0.41	U	0.41	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2-Dichlorobenzene	0.32	U	0.32	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2-Dichloroethane	0.44	U	0.44	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,2-Dichloropropane	0.48	U	0.48	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,3,5-Trimethylbenzene	0.65	U	0.65	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,3-Dichlorobenzene	0.33	U	0.33	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	1,4-Dichlorobenzene	0.35	U	0.35	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	2-Butanone	1.3	J	0.52	5	ug/L	1.3	J
EPD-SW-02-01-021023	SW8260D	2-Hexanone	0.59	U	0.59	5	ug/L	5.0	U
EPD-SW-02-01-021023	SW8260D	4-Methyl-2-pentanone	0.52	U	0.52	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Acetone	6.4	J	1.1	10	ug/L	10	U
EPD-SW-02-01-021023	SW8260D	Benzene	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Bromochloromethane	0.45	U	0.45	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Bromodichloromethane	0.49	U	0.49	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Bromoform	0.56	U	0.56	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Bromomethane	0.9	U	0.9	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Carbon disulfide	0.49	U	0.49	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Carbon tetrachloride	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Chlorobenzene	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Chloroethane	0.68	U	0.68	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Chloroform	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Chloromethane	0.83	U	0.83	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	cis-1,2-Dichloroethene	0.42	U	0.42	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	cis-1,3-Dichloropropene	0.57	U	0.57	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Cyclohexane	0.63	U	0.63	2	ug/L	2.0	U
EPD-SW-02-01-021023	SW8260D	Dibromochloromethane	0.4	U	0.4	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Dibromodifluoromethane	0.46	U	0.46	1	ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Ethylbenzene	0.34	U	0.34	1	ug/L	1.0	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-02-01-021023	SW8015D	GRO (C6-C10)	2600			76	200 ug/L	2600	
EPD-SW-02-01-021023	SW8260D	Isopropylbenzene	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	m,p-Xylene	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-02-01-021023	SW8260D	Methyl acetate	0.59	U		0.59	2 ug/L	2.0	U
EPD-SW-02-01-021023	SW8260D	Methyl tert-butyl ether	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Methylcyclohexane	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Methylene chloride	0.86	U		0.86	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8260D	o-Xylene	0.31	U		0.31	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Styrene	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Tetrachloroethene	0.39	U		0.39	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Toluene	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	trans-1,2-Dichloroethene	0.48	U		0.48	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	trans-1,3-Dichloropropene	0.38	U		0.38	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Trichloroethene	0.43	U		0.43	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Trichlorofluoromethane	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8260D	Vinyl chloride	3.9			0.53	1 ug/L	3.9	
EPD-SW-02-01-021023	SW8260D	Xylenes, Total	0.81	U		0.81	2 ug/L	2.0	U
EPD-SW-02-01-021023	SW8270E	1,1'-Biphenyl	0.42	U		0.42	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	1,2,4,5-Tetrachlorobenzene	0.34	U		0.34	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	1,4-Dioxane	0.72	U		0.72	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	1-Methylnaphthalene	0.1	J		0.083	0.1 ug/L	0.10	J
EPD-SW-02-01-021023	SW8270E	2,2'-Oxybis(1-chloropropane)	0.23	U		0.23	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,3,4,6-Tetrachlorophenol	0.45	U		0.45	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,4,5-Trichlorophenol	0.17	U		0.17	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,4,6-Trichlorophenol	0.25	U		0.25	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,4-Dichlorophenol	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,4-Dimethylphenol	0.36	U		0.36	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,4-Dinitrophenol	2.6	U		2.6	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	2,4-Dinitrotoluene	0.42	U		0.42	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2,6-Dinitrotoluene	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2-Chloronaphthalene	0.075	U		0.075	0.1 ug/L	0.10	U
EPD-SW-02-01-021023	SW8270E	2-Chlorophenol	0.23	U		0.23	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2-Methylnaphthalene	0.12			0.065	0.1 ug/L	0.12	
EPD-SW-02-01-021023	SW8270E	2-Methylphenol	0.25	U		0.25	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2-Nitroaniline	0.21	U		0.21	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	2-Nitrophenol	0.34	U		0.34	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	3&4-Methylphenol	0.21	U		0.21	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	3,3'-Dichlorobenzidine	0.46	U		0.46	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	3-Nitroaniline	0.64	U		0.64	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4,6-Dinitro-2-methylphenol	0.27	U		0.27	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4-Bromophenyl phenyl ether	0.33	U		0.33	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4-Chloro-3-methylphenol	0.26	U		0.26	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4-Chloroaniline	0.34	U		0.34	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4-Chlorophenyl phenyl ether	0.31	U		0.31	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4-Nitroaniline	0.57	U		0.57	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	4-Nitrophenol	0.24	U		0.24	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	Acenaphthene	0.18			0.081	0.1 ug/L	0.18	
EPD-SW-02-01-021023	SW8270E	Acenaphthylene	0.19			0.075	0.1 ug/L	0.19	
EPD-SW-02-01-021023	SW8270E	Acetophenone	0.37	U		0.37	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Anthracene	0.11			0.028	0.1 ug/L	0.11	
EPD-SW-02-01-021023	SW8270E	Atrazine	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Benzaldehyde	0.52	U		0.52	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Benzo(a)anthracene	0.11			0.099	0.1 ug/L	0.11	
EPD-SW-02-01-021023	SW8270E	Benzo(a)pyrene	0.14			0.044	0.1 ug/L	0.14	J+
EPD-SW-02-01-021023	SW8270E	Benzo(b)fluoranthene	0.2	H		0.051	0.13 ug/L	0.20	J-
EPD-SW-02-01-021023	SW8270E	Benzo(g,h,i)perylene	0.089	U		0.089	0.1 ug/L	0.10	U
EPD-SW-02-01-021023	SW8270E	Benzo(k)fluoranthene	0.1	J		0.048	0.1 ug/L	0.10	J
EPD-SW-02-01-021023	SW8270E	Bis(2-chloroethoxy)methane	0.29	U		0.29	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Bis(2-chloroethyl)ether	0.37	U		0.37	1 ug/L	1.0	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-SW-02-01-021023	SW8270E	Bis(2-ethylhexyl)phthalate	0.73	J		0.4	1 ug/L	0.73	J
EPD-SW-02-01-021023	SW8270E	Butyl benzyl phthalate	0.3	U		0.3	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Caprolactam	0.96	U		0.96	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	Carbazole	0.28	J		0.24	1 ug/L	0.28	J
EPD-SW-02-01-021023	SW8270E	Chrysene	0.048	U		0.048	0.1 ug/L	0.10	U
EPD-SW-02-01-021023	SW8270E	Dibenzo(a,h)anthracene	0.073	U		0.073	0.1 ug/L	0.10	U
EPD-SW-02-01-021023	SW8270E	Dibenzofuran	0.23	U		0.23	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Diethyl phthalate	0.17	U		0.17	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Dimethyl phthalate	0.18	U		0.18	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Di-n-butyl phthalate	0.21	U		0.21	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Di-n-octyl phthalate	0.53	U		0.53	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8015D	DRO (C10-C28)	0.69			0.081	0.1 mg/L	0.69	
EPD-SW-02-01-021023	SW8270E	Fluoranthene	0.37			0.038	0.1 ug/L	0.37	
EPD-SW-02-01-021023	SW8270E	Fluorene	0.24			0.051	0.1 ug/L	0.24	
EPD-SW-02-01-021023	SW8270E	Hexachlorobenzene	0.44	U		0.44	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Hexachlorobutadiene	0.63	U		0.63	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Hexachlorocyclopentadiene	1.1	U		1.1	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	Hexachloroethane	0.62	U		0.62	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Indeno(1,2,3-cd)pyrene	0.09	J		0.067	0.1 ug/L	0.10	U
EPD-SW-02-01-021023	SW8270E	Isophorone	0.34	U		0.34	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	Naphthalene	0.28			0.067	0.1 ug/L	0.28	
EPD-SW-02-01-021023	SW8270E	Nitrobenzene	0.26	U		0.26	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	N-Nitrosodi-n-propylamine	0.35	U		0.35	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	N-Nitrosodiphenylamine	0.49	U		0.49	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8015D	ORO (C28-C40)	0.051	U		0.051	0.1 mg/L	0.10	U
EPD-SW-02-01-021023	SW8270E	Pentachlorophenol	0.97	U		0.97	5 ug/L	5.0	U
EPD-SW-02-01-021023	SW8270E	Phenanthrene	0.57			0.081	0.1 ug/L	0.57	
EPD-SW-02-01-021023	SW8270E	Phenol	0.21	U		0.21	1 ug/L	1.0	U
EPD-SW-02-01-021023	SW8270E	Pyrene	0.24			0.036	0.1 ug/L	0.24	
EPD-SW-02-01-021023	SW8270E	Pyridine	0.57	U		0.57	10 ug/L	10	U
TRIP BLANK	SW8260D	1,1,1-Trichloroethane	0.46	U		0.46	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,1,2,2-Tetrachloroethane	0.4	U		0.4	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,1,2-Trichloroethane	0.46	U		0.46	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,1,2-Trichlorotrifluoroethane	0.52	U		0.52	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,1-Dichloroethane	0.44	U		0.44	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,1-Dichloroethene	0.4	U		0.4	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,1-Dichloropropene	0.37	U		0.37	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2,3-Trichlorobenzene	0.42	U		0.42	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2,3-Trichloropropane	0.4	U		0.4	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2,4-Trichlorobenzene	0.45	U		0.45	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2,4-Trimethylbenzene	0.45	U		0.45	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2-Dibromo-3-chloropropane	0.43	U		0.43	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2-Dibromoethane	0.41	U		0.41	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2-Dichlorobenzene	0.32	U		0.32	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2-Dichloroethane	0.44	U		0.44	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,2-Dichloropropane	0.48	U		0.48	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,3,5-Trimethylbenzene	0.65	U		0.65	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,3-Dichlorobenzene	0.33	U		0.33	1 ug/L	1.0	U
TRIP BLANK	SW8260D	1,4-Dichlorobenzene	0.35	U		0.35	1 ug/L	1.0	U
TRIP BLANK	SW8260D	2-Butanone	0.52	U		0.52	5 ug/L	5.0	U
TRIP BLANK	SW8260D	2-Hexanone	0.59	U		0.59	5 ug/L	5.0	U
TRIP BLANK	SW8260D	4-Methyl-2-pentanone	0.52	U		0.52	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Acetone	1.1	U		1.1	10 ug/L	10	U
TRIP BLANK	SW8260D	Benzene	0.46	U		0.46	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Bromochloromethane	0.45	U		0.45	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Bromodichloromethane	0.49	U		0.49	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Bromoform	0.56	U		0.56	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Bromomethane	0.9	U		0.9	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Carbon disulfide	0.49	U		0.49	1 ug/L	1.0	U

E PALESTINE SITE - ER AQUEOUS ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020880

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
TRIP BLANK	SW8260D	Carbon tetrachloride	0.4	U		0.4	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Chlorobenzene	0.4	U		0.4	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Chloroethane	0.68	U		0.68	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Chloroform	0.46	U		0.46	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Chloromethane	0.83	U		0.83	1 ug/L	1.0	U
TRIP BLANK	SW8260D	cis-1,2-Dichloroethene	0.42	U		0.42	1 ug/L	1.0	U
TRIP BLANK	SW8260D	cis-1,3-Dichloropropene	0.57	U		0.57	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Cyclohexane	0.63	U		0.63	2 ug/L	2.0	U
TRIP BLANK	SW8260D	Dibromochloromethane	0.4	U		0.4	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Dibromodifluoromethane	0.46	U		0.46	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Ethylbenzene	0.34	U		0.34	1 ug/L	1.0	U
TRIP BLANK	SW8015D	GRO (C6-C10)	76	U		76	200 ug/L	200	U
TRIP BLANK	SW8260D	Isopropylbenzene	0.35	U		0.35	1 ug/L	1.0	U
TRIP BLANK	SW8260D	m,p-Xylene	0.81	U		0.81	2 ug/L	2.0	U
TRIP BLANK	SW8260D	Methyl acetate	0.59	U		0.59	2 ug/L	2.0	U
TRIP BLANK	SW8260D	Methyl tert-butyl ether	0.45	U		0.45	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Methylcyclohexane	0.35	U		0.35	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Methylene chloride	0.86	U		0.86	5 ug/L	5.0	U
TRIP BLANK	SW8260D	o-Xylene	0.31	U		0.31	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Styrene	0.33	U		0.33	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Tetrachloroethene	0.39	U		0.39	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Toluene	0.45	U		0.45	1 ug/L	1.0	U
TRIP BLANK	SW8260D	trans-1,2-Dichloroethene	0.48	U		0.48	1 ug/L	1.0	U
TRIP BLANK	SW8260D	trans-1,3-Dichloropropene	0.38	U		0.38	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Trichloroethene	0.43	U		0.43	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Trichlorofluoromethane	0.52	U		0.52	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Vinyl chloride	0.53	U		0.53	1 ug/L	1.0	U
TRIP BLANK	SW8260D	Xylenes, Total	0.81	U		0.81	2 ug/L	2.0	U



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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	DTN 1676d		<b>Technical Reviewer (signature and date)</b>	<i>Harry N. Ellis III</i> 3 March 2023
<b>Data Reviewer (signature and date)</b>	<i>Dennis Mignini</i> February 25, 2023	<i>Swartz</i> 02/28/2023	<b>Laboratory</b>	ALS Environmental/Holland, MI
<b>Laboratory Report No.</b>	23020905		<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA Method 8260D, Semivolatile organic compounds (SVOCs) by EPA Method 8270E, and Diesel Range Organics (DRO), Oil Range Organics (ORO), and Gasoline Range Organics (GRO) by EPA Method 8015D
<b>Samples and Matrix</b>	Five soil samples			
<b>Collection Date(s)</b>	02/10/2023			
<b>Field Duplicate Pairs</b>	NA			
<b>Field QC Blanks</b>	NA			

**INTRODUCTION**

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 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**

Some results were rejected due to LCS recovery issues. All other results may be used with the qualifications described below.

**Data completeness:**

Within Criteria	Exceedance/Notes
Y	

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

**Sample preservation, receipt, and holding times:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**Method blanks:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**Field blanks:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

**Surrogates and labeled compounds:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	EPD-S02-230210, EPD-S03-230210, EPD-S04-230210, EPD-S05-230210 (SVOCs): All surrogate %Rs are zero. The laboratory project manager explained that due to the nature of the sample matrix, these four samples were treated as waste; they did not undergo extraction, and therefore, no surrogates were added. Although no qualifications were applied, the data user should be aware of this excursion from QAPP laboratory QC requirements.

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

**MS/MSDs:**

Within Criteria	Exceedance/Notes
N	<p>EPD-S01-230210 (SVOCs): 2,2'-Oxybis(1-chloropropane), 4-Chloroaniline and Hexachlorocyclopentadiene recoveries were below QC limits; therefore, these sample results were qualified as estimated with a possible low bias (flagged UJ). 2-Methylphenol and atrazine were recovered above QC limits; however, the parent sample results are nondetect and no qualifications were applied. Benzo(a)pyrene and Benzo(b)fluoranthene were also recovered above QC limits; therefore, these sample results were qualified as estimated with a possible high bias (flagged J+). 3,4-Methyl phenol, 4-chloro-3-methylphenol, 4-nitroaniline, 4-nitrophenol, atrazine, and benzaldehyde RPDs exceeded QC criteria; therefore, these sample results were qualified as estimated (flagged J). The parent sample results are nondetect; therefore, no qualifications were applied.</p> <p>EPD-S05-230210 (GRO): GRO recovered below QC limit. Sample GRO result was qualified estimated with a possible low bias (flagged J-).</p> <p>MS/MSD results for samples not included in this SDG were not evaluated.</p>

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
NA	

**Field duplicates:**

Within Criteria	Exceedance/Notes
NA	

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
N	<p>SVOCs (batch 211268): LCS recoveries were below QC limits for 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine, and Benzaldehyde. The non-detect results for these analytes for associated samples EPD-S02-230210, EPD-S03-230210, EPD-S04-230210, and EPD-S05-230210 were rejected (flagged R).</p>

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

**Sample dilutions:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>			
Y	EPD-S01-230210	EPD-S02-230210	EPD-S03-230210 EPD-S04-230210	EPD-S05-230210
	VOC-10X	DRO/ORO - 10X SVOC - 10X VOC -10X	DRO/ORO/GRO - 10X SVOC - 10X	DRO/ORO - 10X SVOC - 10X

**Re-extraction and reanalysis:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**MDLs/RLs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	Results for analytes detected between the method detection limit and sample RL were qualified by the laboratory as estimated (flagged J).

**Tentatively identified compounds:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	As requested, the laboratory searched for tentatively identified compounds (TICs) in the VOC and SVOC analyses. The detected TICs are listed in the laboratory report but are not included in the EDD, and therefore, are not included in the attached qualified data table.

**Other [none]:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

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

**Overall Qualifications:**

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

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
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 SOIL ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020905

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S01-230210	SW8015D	DRO (C10-C28)	100		2.8	13	mg/Kg	100	
EPD-S01-230210	SW8015D	GRO (C6-C10)	300000		2100	12000	ug/Kg-dry	300000	
EPD-S01-230210	SW8015D	ORO (C28-C40)	160		4.8	13	mg/Kg	160	
EPD-S01-230210	SW8260D	1,1,1-Trichloroethane	410 U		14	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,1,2,2-Tetrachloroethane	400 U		13	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,1,2-Trichloroethane	390 U		13	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,1,2-Trichlorotrifluoroethane	580 U		19	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,1-Dichloroethane	330 U		11	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,1-Dichloroethene	300 U		9.7	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,2,3-Trichlorobenzene	1100 U		36	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	1,2,3-Trichloropropane	380 U		13	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,2,4-Trichlorobenzene	1000 U		34	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	1,2,4-Trimethylbenzene	670 U		22	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,2-Dibromo-3-chloropropane	840 U		28	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	1,2-Dibromoethane	260 U		8.4	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,2-Dichlorobenzene	350 U		11	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,2-Dichloroethane	1400 U		45	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	1,2-Dichloropropane	670 U		22	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,3,5-Trimethylbenzene	1100 U		35	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	1,3-Dichlorobenzene	300 U		10	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	1,4-Dichlorobenzene	220 U		7.2	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	2-Butanone	750 U		25	6100	ug/Kg-dry	6100 U	
EPD-S01-230210	SW8260D	2-Hexanone	450 U		15	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	4-Methyl-2-pentanone	850 U		28	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Acetone	8000		89	3000	ug/Kg-dry	8000	
EPD-S01-230210	SW8260D	Benzene	440 U		15	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Bromochloromethane	460 U		15	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Bromodichloromethane	510 U		17	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Bromoform	380 U		13	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Bromomethane	1700 U		57	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	Carbon disulfide	470 U		16	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Carbon tetrachloride	360 U		12	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Chlorobenzene	300 U		10	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Chloroethane	900 U		30	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	Chloroform	330 U		11	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Chloromethane	2500 U		82	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	cis-1,2-Dichloroethene	590 U		19	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	cis-1,3-Dichloropropene	690 U		23	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Cyclohexane	820 U		27	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	Dibromochloromethane	510 U		17	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Dichlorodifluoromethane	1100 U		36	3000	ug/Kg-dry	3000 U	
EPD-S01-230210	SW8260D	Ethylbenzene	190 U		6.3	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Isopropylbenzene	280 U		9.2	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	m,p-Xylene	1200 U		40	1800	ug/Kg-dry	1800 U	
EPD-S01-230210	SW8260D	Methyl acetate	1100 U		36	7600	ug/Kg-dry	7600 U	
EPD-S01-230210	SW8260D	Methyl tert-butyl ether	260 U		8.6	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Methylcyclohexane	350 U		11	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Methylene chloride	2400 U		80	7600	ug/Kg-dry	7600 U	
EPD-S01-230210	SW8260D	o-Xylene	350 U		12	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Styrene	360 U		12	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Tetrachloroethene	550 U		18	910	ug/Kg-dry	910 U	
EPD-S01-230210	SW8260D	Toluene	250 U		8.2	910	ug/Kg-dry	910 U	

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020905

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S01-230210	SW8260D	trans-1,2-Dichloroethene	340	U		11	910 ug/Kg-dry	910	U
EPD-S01-230210	SW8260D	trans-1,3-Dichloropropene	510	U		17	910 ug/Kg-dry	910	U
EPD-S01-230210	SW8260D	Trichloroethene	410	U		13	910 ug/Kg-dry	910	U
EPD-S01-230210	SW8260D	Trichlorofluoromethane	470	U		15	910 ug/Kg-dry	910	U
EPD-S01-230210	SW8260D	Vinyl chloride	610	U		20	910 ug/Kg-dry	910	U
EPD-S01-230210	SW8260D	Xylenes, Total	1200	U		40	2700 ug/Kg-dry	2700	U
EPD-S01-230210	SW8270E	1,1`-Biphenyl	28	J		5.4	44 ug/Kg	28	J
EPD-S01-230210	SW8270E	1,2,4,5-Tetrachlorobenzene	10	U		7.7	220 ug/Kg	220	U
EPD-S01-230210	SW8270E	1,4-Dioxane	32	U		24	220 ug/Kg	220	U
EPD-S01-230210	SW8270E	1-Methylnaphthalene	29			4.8	8.9 ug/Kg	29	
EPD-S01-230210	SW8270E	2,2`-Oxybis(1-chloropropane)	10	U		7.8	44 ug/Kg	44	UJ
EPD-S01-230210	SW8270E	2,3,4,6-Tetrachlorophenol	33	U		24	90 ug/Kg	90	U
EPD-S01-230210	SW8270E	2,4,5-Trichlorophenol	26	U		20	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2,4,6-Trichlorophenol	12	U		8.9	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2,4-Dichlorophenol	24	U		18	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2,4-Dimethylphenol	23	U		17	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2,4-Dinitrophenol	330	U		240	890 ug/Kg	890	U
EPD-S01-230210	SW8270E	2,4-Dinitrotoluene	29	U		22	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2,6-Dinitrotoluene	29	U		22	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2-Chloronaphthalene	6.2	U		4.7	8.9 ug/Kg	8.9	U
EPD-S01-230210	SW8270E	2-Chlorophenol	14	U		10	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2-Methylnaphthalene	38			3.4	8.9 ug/Kg	38	
EPD-S01-230210	SW8270E	2-Methylphenol	12	U		9	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2-Nitroaniline	25	U		19	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	2-Nitrophenol	13	U		9.5	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	3&4-Methylphenol	24	U		18	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	3,3`-Dichlorobenzidine	21	U		16	220 ug/Kg	220	U
EPD-S01-230210	SW8270E	3-Nitroaniline	26	U		19	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	4,6-Dinitro-2-methylphenol	37	U		28	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	4-Bromophenyl phenyl ether	24	U		18	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	4-Chloro-3-methylphenol	13	U		9.5	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	4-Chloroaniline	23	U		17	90 ug/Kg	90	UJ
EPD-S01-230210	SW8270E	4-Chlorophenyl phenyl ether	12	U		9.2	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	4-Nitroaniline	69	U		52	220 ug/Kg	220	U
EPD-S01-230210	SW8270E	4-Nitrophenol	100	U		78	220 ug/Kg	220	U
EPD-S01-230210	SW8270E	Acenaphthene	25			4.8	8.9 ug/Kg	25	
EPD-S01-230210	SW8270E	Acenaphthylene	29			5.8	8.9 ug/Kg	29	
EPD-S01-230210	SW8270E	Acetophenone	7	U		5.2	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	Anthracene	43			4.7	8.9 ug/Kg	43	
EPD-S01-230210	SW8270E	Atrazine	26	U		20	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	Benzaldehyde	69	U		51	90 ug/Kg	90	U
EPD-S01-230210	SW8270E	Benzo(a)anthracene	130			5.8	8.9 ug/Kg	130	
EPD-S01-230210	SW8270E	Benzo(a)pyrene	110			4.1	8.9 ug/Kg	110	J+
EPD-S01-230210	SW8270E	Benzo(b)fluoranthene	190			5	8.9 ug/Kg	190	J+
EPD-S01-230210	SW8270E	Benzo(g,h,i)perylene	68			5.1	8.9 ug/Kg	68	
EPD-S01-230210	SW8270E	Benzo(k)fluoranthene	69			5	8.9 ug/Kg	69	
EPD-S01-230210	SW8270E	Bis(2-chloroethoxy)methane	28	U		21	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	Bis(2-chloroethyl)ether	13	U		9.4	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	Bis(2-ethylhexyl)phthalate	37	U		28	44 ug/Kg	44	U
EPD-S01-230210	SW8270E	Butyl benzyl phthalate	56	U		42	90 ug/Kg	90	U
EPD-S01-230210	SW8270E	Caprolactam	69	U		51	90 ug/Kg	90	U
EPD-S01-230210	SW8270E	Carbazole	29	J		9.8	44 ug/Kg	29	J

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S01-230210	SW8270E	Chrysene	120			5.4	8.9 ug/Kg	120	
EPD-S01-230210	SW8270E	Dibenzo(a,h)anthracene	23			3.6	8.9 ug/Kg	23	
EPD-S01-230210	SW8270E	Dibenzofuran	34 J			4.9	44 ug/Kg	34 J	
EPD-S01-230210	SW8270E	Diethyl phthalate	15 U			11	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Dimethyl phthalate	8.7 U			6.5	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Di-n-butyl phthalate	27 U			20	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Di-n-octyl phthalate	39 U			29	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Fluoranthene	180			3.2	8.9 ug/Kg	180	
EPD-S01-230210	SW8270E	Fluorene	28			4.8	8.9 ug/Kg	28	
EPD-S01-230210	SW8270E	Hexachlorobenzene	13 U			9.7	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Hexachlorobutadiene	11 U			7.9	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Hexachlorocyclopentadiene	42 U			32	44 ug/Kg	44 UJ	
EPD-S01-230210	SW8270E	Hexachloroethane	19 U			14	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Indeno(1,2,3-cd)pyrene	84			4.6	8.9 ug/Kg	84	
EPD-S01-230210	SW8270E	Isophorone	8.7 U			6.5	220 ug/Kg	220 U	
EPD-S01-230210	SW8270E	Naphthalene	38			4.3	8.9 ug/Kg	38	
EPD-S01-230210	SW8270E	Nitrobenzene	15 U			11	220 ug/Kg	220 U	
EPD-S01-230210	SW8270E	N-Nitrosodi-n-propylamine	7.4 U			5.5	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	N-Nitrosodiphenylamine	26 U			19	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Pentachlorophenol	64			26	44 ug/Kg	64	
EPD-S01-230210	SW8270E	Phenanthrene	120			3.1	8.9 ug/Kg	120	
EPD-S01-230210	SW8270E	Phenol	22 U			17	44 ug/Kg	44 U	
EPD-S01-230210	SW8270E	Pyrene	260			6.3	8.9 ug/Kg	260 J+	
EPD-S01-230210	SW8270E	Pyridine	88 U			66	220 ug/Kg	220 U	
EPD-S02-230210	SW8015D	DRO (C10-C28)	7100 J			330	8800 mg/Kg	7100 J	
EPD-S02-230210	SW8015D	GRO (C6-C10)	520000			2100	11000 ug/Kg-dry	520000	
EPD-S02-230210	SW8015D	ORO (C28-C40)	57000			500	8800 mg/Kg	57000	
EPD-S02-230210	SW8260D	1,1,1-Trichloroethane	270 U			14	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,1,2,2-Tetrachloroethane	270 U			13	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,1,2-Trichloroethane	260 U			13	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,1,2-Trichlorotrifluoroethane	380 U			19	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,1-Dichloroethane	220 U			11	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,1-Dichloroethene	190 U			9.7	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,2,3-Trichlorobenzene	720 U			36	2000 ug/Kg-dry	2000 U	
EPD-S02-230210	SW8260D	1,2,3-Trichloropropane	250 U			13	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,2,4-Trichlorobenzene	680 U			34	2000 ug/Kg-dry	2000 U	
EPD-S02-230210	SW8260D	1,2,4-Trimethylbenzene	440 U			22	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,2-Dibromo-3-chloropropane	550 U			28	2000 ug/Kg-dry	2000 U	
EPD-S02-230210	SW8260D	1,2-Dibromoethane	170 U			8.4	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,2-Dichlorobenzene	230 U			11	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,2-Dichloroethane	900 U			45	2000 ug/Kg-dry	2000 U	
EPD-S02-230210	SW8260D	1,2-Dichloropropane	440 U			22	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,3,5-Trimethylbenzene	700 U			35	2000 ug/Kg-dry	2000 U	
EPD-S02-230210	SW8260D	1,3-Dichlorobenzene	200 U			10	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	1,4-Dichlorobenzene	140 U			7.2	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	2-Butanone	490 U			25	4000 ug/Kg-dry	4000 U	
EPD-S02-230210	SW8260D	2-Hexanone	300 U			15	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	4-Methyl-2-pentanone	560 U			28	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	Acetone	1800 U			89	2000 ug/Kg-dry	2000 U	
EPD-S02-230210	SW8260D	Benzene	2200			15	600 ug/Kg-dry	2200	
EPD-S02-230210	SW8260D	Bromochloromethane	310 U			15	600 ug/Kg-dry	600 U	
EPD-S02-230210	SW8260D	Bromodichloromethane	340 U			17	600 ug/Kg-dry	600 U	



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S02-230210	SW8260D	Bromoform	250	U		13	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Bromomethane	1100	U		57	2000 ug/Kg-dry	2000	U
EPD-S02-230210	SW8260D	Carbon disulfide	310	U		16	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Carbon tetrachloride	240	U		12	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Chlorobenzene	200	U		10	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Chloroethane	590	U		30	2000 ug/Kg-dry	2000	U
EPD-S02-230210	SW8260D	Chloroform	220	U		11	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Chloromethane	1600	U		82	2000 ug/Kg-dry	2000	U
EPD-S02-230210	SW8260D	cis-1,2-Dichloroethene	390	U		19	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	cis-1,3-Dichloropropene	450	U		23	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Cyclohexane	540	U		27	2000 ug/Kg-dry	2000	U
EPD-S02-230210	SW8260D	Dibromochloromethane	340	U		17	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Dichlorodifluoromethane	730	U		36	2000 ug/Kg-dry	2000	U
EPD-S02-230210	SW8260D	Ethylbenzene	130	U		6.3	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Isopropylbenzene	180	U		9.2	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	m,p-Xylene	800	U		40	1200 ug/Kg-dry	1200	U
EPD-S02-230210	SW8260D	Methyl acetate	720	U		36	5000 ug/Kg-dry	5000	U
EPD-S02-230210	SW8260D	Methyl tert-butyl ether	170	U		8.6	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Methylcyclohexane	230	U		11	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Methylene chloride	1600	U		80	5000 ug/Kg-dry	5000	U
EPD-S02-230210	SW8260D	o-Xylene	230	U		12	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Styrene	240	U		12	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Tetrachloroethene	360	U		18	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Toluene	160	U		8.2	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	trans-1,2-Dichloroethene	220	U		11	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	trans-1,3-Dichloropropene	340	U		17	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Trichloroethene	270	U		13	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Trichlorofluoromethane	310	U		15	600 ug/Kg-dry	600	U
EPD-S02-230210	SW8260D	Vinyl chloride	4600			20	600 ug/Kg-dry	4600	
EPD-S02-230210	SW8260D	Xylenes, Total	800	U		40	1800 ug/Kg-dry	1800	U
EPD-S02-230210	SW846 8270D	1,1'-Biphenyl	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	1,2,4,5-Tetrachlorobenzene	590	U		50	590 mg/Kg	590	U
EPD-S02-230210	SW846 8270D	1,4-Dioxane	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	1-Methylnaphthalene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,2'-Oxybis(1-chloropropane)	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,3,4,6-Tetrachlorophenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,4,5-Trichlorophenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,4,6-Trichlorophenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,4-Dichlorophenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,4-Dimethylphenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,4-Dinitrophenol	59	U		5	59 mg/Kg	59	R
EPD-S02-230210	SW846 8270D	2,4-Dinitrotoluene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2,6-Dinitrotoluene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2-Chloronaphthalene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	2-Chlorophenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2-Methylnaphthalene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	2-Methylphenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2-Nitroaniline	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	2-Nitrophenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	3&4-Methylphenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	3,3'-Dichlorobenzidine	590	U		50	590 mg/Kg	590	R
EPD-S02-230210	SW846 8270D	3-Nitroaniline	59	U		5	59 mg/Kg	59	U

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S02-230210	SW846 8270D	4,6-Dinitro-2-methylphenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	4-Bromophenyl phenyl ether	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	4-Chloro-3-methylphenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	4-Chloroaniline	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	4-Chlorophenyl phenyl ether	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	4-Nitroaniline	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	4-Nitrophenol	590	U		50	590 mg/Kg	590	U
EPD-S02-230210	SW846 8270D	Acenaphthene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Acenaphthylene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Acetophenone	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Anthracene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Atrazine	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Benzaldehyde	59	U		5	59 mg/Kg	59	R
EPD-S02-230210	SW846 8270D	Benzo(a)anthracene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Benzo(a)pyrene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Benzo(b)fluoranthene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Benzo(g,h,i)perylene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Benzo(k)fluoranthene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Bis(2-chloroethoxy)methane	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Bis(2-chloroethyl)ether	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Bis(2-ethylhexyl)phthalate	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Butyl benzyl phthalate	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Caprolactam	590	U		50	590 mg/Kg	590	U
EPD-S02-230210	SW846 8270D	Carbazole	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Chrysene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Dibenzo(a,h)anthracene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Dibenzofuran	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Diethyl phthalate	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Dimethyl phthalate	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Di-n-butyl phthalate	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Di-n-octyl phthalate	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Fluoranthene	14			1	12 mg/Kg	14	J-
EPD-S02-230210	SW846 8270D	Fluorene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Hexachlorobenzene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Hexachlorobutadiene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Hexachlorocyclopentadiene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Hexachloroethane	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Indeno(1,2,3-cd)pyrene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Isophorone	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Naphthalene	12	U		1	12 mg/Kg	12	U
EPD-S02-230210	SW846 8270D	Nitrobenzene	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	N-Nitrosodi-n-propylamine	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	N-Nitrosodiphenylamine	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Pentachlorophenol	590	U		50	590 mg/Kg	590	U
EPD-S02-230210	SW846 8270D	Phenanthrene	14			1	12 mg/Kg	14	J-
EPD-S02-230210	SW846 8270D	Phenol	59	U		5	59 mg/Kg	59	U
EPD-S02-230210	SW846 8270D	Pyrene	12	J		1	12 mg/Kg	12	J-
EPD-S02-230210	SW846 8270D	Pyridine	59	U		5	59 mg/Kg	59	U
EPD-S03-230210	SW8015D	DRO (C10-C28)	3200	U		330	9700 mg/Kg	9700	U
EPD-S03-230210	SW8015D	GRO (C6-C10)	420000			2100	89000 ug/Kg-dry	420000	
EPD-S03-230210	SW8015D	ORO (C28-C40)	26000			500	9700 mg/Kg	26000	
EPD-S03-230210	SW8260D	1,1,1-Trichloroethane	22	U		14	48 ug/Kg-dry	48	U

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S03-230210	SW8260D	1,1,2,2-Tetrachloroethane	21	U		13	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,1,2-Trichloroethane	21	U		13	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,1,2-Trichlorotrifluoroethane	31	U		19	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,1-Dichloroethane	18	U		11	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,1-Dichloroethene	16	U		9.7	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,2,3-Trichlorobenzene	58	U		36	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	1,2,3-Trichloropropane	20	U		13	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,2,4-Trichlorobenzene	55	U		34	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	1,2,4-Trimethylbenzene	60			22	48 ug/Kg-dry	60	
EPD-S03-230210	SW8260D	1,2-Dibromo-3-chloropropane	45	U		28	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	1,2-Dibromoethane	14	U		8.4	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,2-Dichlorobenzene	18	U		11	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,2-Dichloroethane	73	U		45	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	1,2-Dichloropropane	36	U		22	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,3,5-Trimethylbenzene	57	U		35	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	1,3-Dichlorobenzene	16	U		10	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	1,4-Dichlorobenzene	12	U		7.2	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	2-Butanone	40	U		25	320 ug/Kg-dry	320	U
EPD-S03-230210	SW8260D	2-Hexanone	24	U		15	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	4-Methyl-2-pentanone	45	U		28	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Acetone	7900			89	160 ug/Kg-dry	7900	
EPD-S03-230210	SW8260D	Benzene	280			15	48 ug/Kg-dry	280	
EPD-S03-230210	SW8260D	Bromochloromethane	25	U		15	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Bromodichloromethane	27	U		17	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Bromoform	20	U		13	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Bromomethane	93	U		57	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	Carbon disulfide	25	U		16	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Carbon tetrachloride	19	U		12	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Chlorobenzene	16	U		10	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Chloroethane	48	U		30	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	Chloroform	18	U		11	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Chloromethane	130	U		82	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	cis-1,2-Dichloroethene	31	U		19	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	cis-1,3-Dichloropropene	37	U		23	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Cyclohexane	44	U		27	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	Dibromochloromethane	27	U		17	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Dichlorodifluoromethane	59	U		36	160 ug/Kg-dry	160	U
EPD-S03-230210	SW8260D	Ethylbenzene	27	J		6.3	48 ug/Kg-dry	27	J
EPD-S03-230210	SW8260D	Isopropylbenzene	15	U		9.2	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	m,p-Xylene	98			40	97 ug/Kg-dry	98	
EPD-S03-230210	SW8260D	Methyl acetate	320	J		36	400 ug/Kg-dry	320	J
EPD-S03-230210	SW8260D	Methyl tert-butyl ether	14	U		8.6	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Methylcyclohexane	160			11	48 ug/Kg-dry	160	
EPD-S03-230210	SW8260D	Methylene chloride	130	U		80	400 ug/Kg-dry	400	U
EPD-S03-230210	SW8260D	o-Xylene	99			12	48 ug/Kg-dry	99	
EPD-S03-230210	SW8260D	Styrene	38	J		12	48 ug/Kg-dry	38	J
EPD-S03-230210	SW8260D	Tetrachloroethene	29	U		18	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Toluene	65			8.2	48 ug/Kg-dry	65	
EPD-S03-230210	SW8260D	trans-1,2-Dichloroethene	18	U		11	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	trans-1,3-Dichloropropene	27	U		17	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Trichloroethene	22	U		13	48 ug/Kg-dry	48	U
EPD-S03-230210	SW8260D	Trichlorofluoromethane	25	U		15	48 ug/Kg-dry	48	U

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020905

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S03-230210	SW8260D	Vinyl chloride	3900			20	48 ug/Kg-dry	3900	
EPD-S03-230210	SW8260D	Xylenes, Total	200			40	150 ug/Kg-dry	200	
EPD-S03-230210	SW846 8270D	1,1'-Biphenyl	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	1,2,4,5-Tetrachlorobenzene	610 U			50	610 mg/Kg	610 U	
EPD-S03-230210	SW846 8270D	1,4-Dioxane	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	1-Methylnaphthalene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,2'-Oxybis(1-chloropropane)	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,3,4,6-Tetrachlorophenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,4,5-Trichlorophenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,4,6-Trichlorophenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,4-Dichlorophenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,4-Dimethylphenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,4-Dinitrophenol	61 U			5	61 mg/Kg	61 R	
EPD-S03-230210	SW846 8270D	2,4-Dinitrotoluene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2,6-Dinitrotoluene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2-Chloronaphthalene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	2-Chlorophenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2-Methylnaphthalene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	2-Methylphenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2-Nitroaniline	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	2-Nitrophenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	3&4-Methylphenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	3,3'-Dichlorobenzidine	610 U			50	610 mg/Kg	610 R	
EPD-S03-230210	SW846 8270D	3-Nitroaniline	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4,6-Dinitro-2-methylphenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4-Bromophenyl phenyl ether	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4-Chloro-3-methylphenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4-Chloroaniline	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4-Chlorophenyl phenyl ether	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4-Nitroaniline	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	4-Nitrophenol	610 U			50	610 mg/Kg	610 U	
EPD-S03-230210	SW846 8270D	Acenaphthene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Acenaphthylene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Acetophenone	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Anthracene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Atrazine	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Benzaldehyde	61 U			5	61 mg/Kg	61 R	
EPD-S03-230210	SW846 8270D	Benzo(a)anthracene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Benzo(a)pyrene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Benzo(b)fluoranthene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Benzo(g,h,i)perylene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Benzo(k)fluoranthene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Bis(2-chloroethoxy)methane	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Bis(2-chloroethyl)ether	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Bis(2-ethylhexyl)phthalate	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Butyl benzyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Caprolactam	610 U			50	610 mg/Kg	610 U	
EPD-S03-230210	SW846 8270D	Carbazole	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Chrysene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Dibenzo(a,h)anthracene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Dibenzofuran	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Diethyl phthalate	61 U			5	61 mg/Kg	61 U	

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S03-230210	SW846 8270D	Dimethyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Di-n-butyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Di-n-octyl phthalate	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Fluoranthene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Fluorene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Hexachlorobenzene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Hexachlorobutadiene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Hexachlorocyclopentadiene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Hexachloroethane	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Indeno(1,2,3-cd)pyrene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Isophorone	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Naphthalene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Nitrobenzene	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	N-Nitrosodi-n-propylamine	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	N-Nitrosodiphenylamine	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Pentachlorophenol	610 U			50	610 mg/Kg	610 U	
EPD-S03-230210	SW846 8270D	Phenanthrene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Phenol	61 U			5	61 mg/Kg	61 U	
EPD-S03-230210	SW846 8270D	Pyrene	12 U			1	12 mg/Kg	12 U	
EPD-S03-230210	SW846 8270D	Pyridine	61 U			5	61 mg/Kg	61 U	
EPD-S04-230210	SW8015D	DRO (C10-C28)	3300 U			330	9900 mg/Kg	9900 U	
EPD-S04-230210	SW8015D	GRO (C6-C10)	110000			2100	78000 ug/Kg-dry	110000	
EPD-S04-230210	SW8015D	ORO (C28-C40)	5000 U			500	9900 mg/Kg	9900 U	
EPD-S04-230210	SW8260D	1,1,1-Trichloroethane	21 U			14	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,1,2,2-Tetrachloroethane	20 U			13	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,1,2-Trichloroethane	20 U			13	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,1,2-Trichlorotrifluoroethane	29 U			19	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,1-Dichloroethane	17 U			11	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,1-Dichloroethene	15 U			9.7	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,2,3-Trichlorobenzene	56 U			36	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	1,2,3-Trichloropropane	19 U			13	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,2,4-Trichlorobenzene	53 U			34	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	1,2,4-Trimethylbenzene	34 U			22	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,2-Dibromo-3-chloropropane	43 U			28	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	1,2-Dibromoethane	13 U			8.4	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,2-Dichlorobenzene	18 U			11	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,2-Dichloroethane	70 U			45	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	1,2-Dichloropropane	34 U			22	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,3,5-Trimethylbenzene	54 U			35	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	1,3-Dichlorobenzene	15 U			10	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	1,4-Dichlorobenzene	11 U			7.2	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	2-Butanone	38 U			25	310 ug/Kg-dry	310 U	
EPD-S04-230210	SW8260D	2-Hexanone	23 U			15	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	4-Methyl-2-pentanone	43 U			28	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	Acetone	140 U			89	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	Benzene	250			15	46 ug/Kg-dry	250	
EPD-S04-230210	SW8260D	Bromochloromethane	24 U			15	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	Bromodichloromethane	26 U			17	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	Bromoform	20 U			13	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	Bromomethane	89 U			57	150 ug/Kg-dry	150 U	
EPD-S04-230210	SW8260D	Carbon disulfide	24 U			16	46 ug/Kg-dry	46 U	
EPD-S04-230210	SW8260D	Carbon tetrachloride	18 U			12	46 ug/Kg-dry	46 U	

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
ALS ENVIRONMENTAL REPORT NO. 23020905

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S04-230210	SW8260D	Chlorobenzene	15	U		10	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Chloroethane	46	U		30	150 ug/Kg-dry	150	U
EPD-S04-230210	SW8260D	Chloroform	17	U		11	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Chloromethane	130	U		82	150 ug/Kg-dry	150	U
EPD-S04-230210	SW8260D	cis-1,2-Dichloroethene	30	U		19	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	cis-1,3-Dichloropropene	35	U		23	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Cyclohexane	42	U		27	150 ug/Kg-dry	150	U
EPD-S04-230210	SW8260D	Dibromochloromethane	26	U		17	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Dichlorodifluoromethane	56	U		36	150 ug/Kg-dry	150	U
EPD-S04-230210	SW8260D	Ethylbenzene	9.8	U		6.3	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Isopropylbenzene	14	U		9.2	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	m,p-Xylene	62	U		40	93 ug/Kg-dry	93	U
EPD-S04-230210	SW8260D	Methyl acetate	220	J		36	390 ug/Kg-dry	220	J
EPD-S04-230210	SW8260D	Methyl tert-butyl ether	13	U		8.6	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Methylcyclohexane	120			11	46 ug/Kg-dry	120	
EPD-S04-230210	SW8260D	Methylene chloride	120	U		80	390 ug/Kg-dry	390	U
EPD-S04-230210	SW8260D	o-Xylene	43	J		12	46 ug/Kg-dry	43	J
EPD-S04-230210	SW8260D	Styrene	21	J		12	46 ug/Kg-dry	21	J
EPD-S04-230210	SW8260D	Tetrachloroethene	28	U		18	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Toluene	43	J		8.2	46 ug/Kg-dry	43	J
EPD-S04-230210	SW8260D	trans-1,2-Dichloroethene	17	U		11	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	trans-1,3-Dichloropropene	26	U		17	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Trichloroethene	21	U		13	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Trichlorofluoromethane	24	U		15	46 ug/Kg-dry	46	U
EPD-S04-230210	SW8260D	Vinyl chloride	5000			20	46 ug/Kg-dry	5000	
EPD-S04-230210	SW8260D	Xylenes, Total	62	U		40	140 ug/Kg-dry	140	U
EPD-S04-230210	SW846 8270D	1,1`-Biphenyl	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	1,2,4,5-Tetrachlorobenzene	650	U		50	650 mg/Kg	650	U
EPD-S04-230210	SW846 8270D	1,4-Dioxane	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	1-Methylnaphthalene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,2`-Oxybis(1-chloropropane)	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,3,4,6-Tetrachlorophenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,4,5-Trichlorophenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,4,6-Trichlorophenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,4-Dichlorophenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,4-Dimethylphenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,4-Dinitrophenol	65	U		5	65 mg/Kg	65	R
EPD-S04-230210	SW846 8270D	2,4-Dinitrotoluene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2,6-Dinitrotoluene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2-Chloronaphthalene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	2-Chlorophenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2-Methylnaphthalene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	2-Methylphenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2-Nitroaniline	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	2-Nitrophenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	3&4-Methylphenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	3,3`-Dichlorobenzidine	650	U		50	650 mg/Kg	650	R
EPD-S04-230210	SW846 8270D	3-Nitroaniline	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	4,6-Dinitro-2-methylphenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	4-Bromophenyl phenyl ether	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	4-Chloro-3-methylphenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	4-Chloroaniline	65	U		5	65 mg/Kg	65	U

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S04-230210	SW846 8270D	4-Chlorophenyl phenyl ether	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	4-Nitroaniline	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	4-Nitrophenol	650	U		50	650 mg/Kg	650	U
EPD-S04-230210	SW846 8270D	Acenaphthene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Acenaphthylene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Acetophenone	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Anthracene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Atrazine	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Benzaldehyde	65	U		5	65 mg/Kg	65	R
EPD-S04-230210	SW846 8270D	Benzo(a)anthracene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Benzo(a)pyrene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Benzo(b)fluoranthene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Benzo(g,h,i)perylene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Benzo(k)fluoranthene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Bis(2-chloroethoxy)methane	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Bis(2-chloroethyl)ether	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Bis(2-ethylhexyl)phthalate	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Butyl benzyl phthalate	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Caprolactam	650	U		50	650 mg/Kg	650	U
EPD-S04-230210	SW846 8270D	Carbazole	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Chrysene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Dibenzo(a,h)anthracene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Dibenzofuran	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Diethyl phthalate	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Dimethyl phthalate	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Di-n-butyl phthalate	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Di-n-octyl phthalate	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Fluoranthene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Fluorene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Hexachlorobenzene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Hexachlorobutadiene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Hexachlorocyclopentadiene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Hexachloroethane	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Indeno(1,2,3-cd)pyrene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Isophorone	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Naphthalene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Nitrobenzene	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	N-Nitrosodi-n-propylamine	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	N-Nitrosodiphenylamine	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Pentachlorophenol	650	U		50	650 mg/Kg	650	U
EPD-S04-230210	SW846 8270D	Phenanthrene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Phenol	65	U		5	65 mg/Kg	65	U
EPD-S04-230210	SW846 8270D	Pyrene	13	U		1	13 mg/Kg	13	U
EPD-S04-230210	SW846 8270D	Pyridine	65	U		5	65 mg/Kg	65	U
EPD-S05-230210	SW8015D	DRO (C10-C28)	9500			330	8000 mg/Kg	9500	
EPD-S05-230210	SW8015D	GRO (C6-C10)	9200	J		2100	11000 ug/Kg-dry	9200	J-
EPD-S05-230210	SW8015D	ORO (C28-C40)	130000			500	8000 mg/Kg	130000	
EPD-S05-230210	SW8260D	1,1,1-Trichloroethane	24	U		14	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,1,2,2-Tetrachloroethane	23	U		13	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,1,2-Trichloroethane	22	U		13	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,1,2-Trichlorotrifluoroethane	33	U		19	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,1-Dichloroethane	19	U		11	53 ug/Kg-dry	53	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S05-230210	SW8260D	1,1-Dichloroethene	17	U		9.7	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,2,3-Trichlorobenzene	63	U		36	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	1,2,3-Trichloropropane	22	U		13	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,2,4-Trichlorobenzene	60	U		34	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	1,2,4-Trimethylbenzene	39	U		22	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,2-Dibromo-3-chloropropane	49	U		28	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	1,2-Dibromoethane	15	U		8.4	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,2-Dichlorobenzene	20	U		11	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,2-Dichloroethane	79	U		45	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	1,2-Dichloropropane	39	U		22	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,3,5-Trimethylbenzene	62	U		35	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	1,3-Dichlorobenzene	18	U		10	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	1,4-Dichlorobenzene	13	U		7.2	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	2-Butanone	170	J		25	350 ug/Kg-dry	170	J
EPD-S05-230210	SW8260D	2-Hexanone	26	U		15	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	4-Methyl-2-pentanone	49	U		28	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Acetone	250			89	180 ug/Kg-dry	250	
EPD-S05-230210	SW8260D	Benzene	1700			15	53 ug/Kg-dry	1700	
EPD-S05-230210	SW8260D	Bromochloromethane	27	U		15	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Bromodichloromethane	30	U		17	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Bromoform	22	U		13	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Bromomethane	100	U		57	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	Carbon disulfide	27	U		16	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Carbon tetrachloride	21	U		12	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Chlorobenzene	18	U		10	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Chloroethane	52	U		30	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	Chloroform	19	U		11	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Chloromethane	140	U		82	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	cis-1,2-Dichloroethene	34	U		19	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	cis-1,3-Dichloropropene	40	U		23	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Cyclohexane	47	U		27	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	Dibromochloromethane	30	U		17	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Dichlorodifluoromethane	64	U		36	180 ug/Kg-dry	180	U
EPD-S05-230210	SW8260D	Ethylbenzene	11	U		6.3	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Isopropylbenzene	16	U		9.2	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	m,p-Xylene	70	U		40	110 ug/Kg-dry	110	U
EPD-S05-230210	SW8260D	Methyl acetate	89	J		36	440 ug/Kg-dry	89	J
EPD-S05-230210	SW8260D	Methyl tert-butyl ether	15	U		8.6	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Methylcyclohexane	20	U		11	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Methylene chloride	140	U		80	440 ug/Kg-dry	440	U
EPD-S05-230210	SW8260D	o-Xylene	20	U		12	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Styrene	21	U		12	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Tetrachloroethene	32	U		18	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Toluene	85			8.2	53 ug/Kg-dry	85	
EPD-S05-230210	SW8260D	trans-1,2-Dichloroethene	19	U		11	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	trans-1,3-Dichloropropene	30	U		17	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Trichloroethene	24	U		13	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Trichlorofluoromethane	27	U		15	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Vinyl chloride	35	U		20	53 ug/Kg-dry	53	U
EPD-S05-230210	SW8260D	Xylenes, Total	70	U		40	160 ug/Kg-dry	160	U
EPD-S05-230210	SW846 8270D	1,1'-Biphenyl	53	U		5	53 mg/Kg	53	U
EPD-S05-230210	SW846 8270D	1,2,4,5-Tetrachlorobenzene	530	U		50	530 mg/Kg	530	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S05-230210	SW846 8270D	1,4-Dioxane	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	1-Methylnaphthalene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,2'-Oxybis(1-chloropropane)	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,3,4,6-Tetrachlorophenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,4,5-Trichlorophenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,4,6-Trichlorophenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,4-Dichlorophenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,4-Dimethylphenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,4-Dinitrophenol	53 U			5	53 mg/Kg	53 R	
EPD-S05-230210	SW846 8270D	2,4-Dinitrotoluene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2,6-Dinitrotoluene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2-Chloronaphthalene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	2-Chlorophenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2-Methylnaphthalene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	2-Methylphenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2-Nitroaniline	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	2-Nitrophenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	3&4-Methylphenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	3,3'-Dichlorobenzidine	530 U			50	530 mg/Kg	530 R	
EPD-S05-230210	SW846 8270D	3-Nitroaniline	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4,6-Dinitro-2-methylphenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4-Bromophenyl phenyl ether	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4-Chloro-3-methylphenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4-Chloroaniline	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4-Chlorophenyl phenyl ether	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4-Nitroaniline	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	4-Nitrophenol	530 U			50	530 mg/Kg	530 U	
EPD-S05-230210	SW846 8270D	Acenaphthene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Acenaphthylene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Acetophenone	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Anthracene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Atrazine	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Benzaldehyde	53 U			5	53 mg/Kg	53 R	
EPD-S05-230210	SW846 8270D	Benzo(a)anthracene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Benzo(a)pyrene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Benzo(b)fluoranthene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Benzo(g,h,i)perylene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Benzo(k)fluoranthene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Bis(2-chloroethoxy)methane	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Bis(2-chloroethyl)ether	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Bis(2-ethylhexyl)phthalate	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Butyl benzyl phthalate	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Caprolactam	530 U			50	530 mg/Kg	530 U	
EPD-S05-230210	SW846 8270D	Carbazole	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Chrysene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Dibenzo(a,h)anthracene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Dibenzofuran	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Diethyl phthalate	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Dimethyl phthalate	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Di-n-butyl phthalate	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Di-n-octyl phthalate	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Fluoranthene	11 U			1	11 mg/Kg	11 U	

E PALESTINE SITE - ER SOIL ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-S05-230210	SW846 8270D	Fluorene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Hexachlorobenzene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Hexachlorobutadiene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Hexachlorocyclopentadiene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Hexachloroethane	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Indeno(1,2,3-cd)pyrene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Isophorone	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Naphthalene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Nitrobenzene	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	N-Nitrosodi-n-propylamine	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	N-Nitrosodiphenylamine	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Pentachlorophenol	530 U			50	530 mg/Kg	530 U	
EPD-S05-230210	SW846 8270D	Phenanthrene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Phenol	53 U			5	53 mg/Kg	53 U	
EPD-S05-230210	SW846 8270D	Pyrene	11 U			1	11 mg/Kg	11 U	
EPD-S05-230210	SW846 8270D	Pyridine	53 U			5	53 mg/Kg	53 U	