ALS Environmental

11-Aug-2017

Ryan Mathews
Fulcrum Environmental Consulting
406 N. 2nd Street
Yakima, WA 98901

Tel: (509) 574-0839
Fax:

Re: Sky Valley Edu Center; PN 17-2070.02 Work Order: **1707841**

Dear Ryan,

ALS Environmental received 17 samples on 28-Jul-2017 09:51 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

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

Sincerely,

Shawn Smythe

Electronically approved by: Chris Gibson

Shawn Smythe
Project Manager

ALS Environmental

Date: 11-Aug-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Work Order: **1707841**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1707841-01	72417-ADM-SF OFFICE	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-02	72417-ADM-W OFFICE	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-03	72417-GYM-GIRLS LOCKER STORAGE	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-04	72417-GYM-SMALL GYM A	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-05	72417-GYM-SMALL GYM B	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-06	72417-ANX-RM F	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-07	72417-POD-RM 03	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-08	72417-POD-RM 04	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-09	72417-POD-RM 08	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-10	72417-POD-RM 11	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-11	72417-POD-RM 14	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-12	72417-POD-RM 17	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-13	72417-POD-RM 20 A	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-14	72417-POD-RM 20 B	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-15	72417-FIELD BLANK	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-16	72417-LAB BLANK	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-17	72417-TRIP BLANK	Wipe		7/24/2017	7/28/2017 09:51	☐

ED_004522_00089902-00002

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Work Order: 1707841

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ED_004522_00089902-00003

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-ADM-SF OFFICE
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-01
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-ADM-W OFFICE
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-02
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-GYM-GIRLS LOCKER STORAGE
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-03
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-GYM-SMALL GYM A
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-04
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-GYM-SMALL GYM B
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-05
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-ANX-RM F
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-06
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 03
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-07
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 04
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-08
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 08
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-09
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 11
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-10
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 14
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-11
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 17
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-12
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 20 A
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-13
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 20 B
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-14
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-FIELD BLANK
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-15
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **0 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-LAB BLANK
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-16
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **0 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-TRIP BLANK
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-17
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **0 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: 11-Aug-17

Client: Fulcrum Environmental Consulting
Work Order: 1707841
Project: Sky Valley Edu Center; PN 17-2070.02

QC BATCH REPORT

Batch ID: **44927** Instrument ID **GC3** Method: **SW8082**

MBLK Sample ID: **MBLK-44927-44927** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809B** SeqNo: **1568249** Prep Date: **8/8/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Aroclor 1262	ND	1.0								
Aroclor 1268	ND	1.0								
Surr: Decachlorobiphenyl	0.41	0	*0.5*	0	*82*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.51	0	*0.5*	0	*102*	*24.4-141*	0			

LCS Sample ID: **LCS-44927-44927** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809B** SeqNo: **1568250** Prep Date: **8/8/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	8.885	1.0	10	0	88.8	38.1-135	0			
Surr: Decachlorobiphenyl	0.427	0	*0.5*	0	*85.4*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.487	0	*0.5*	0	*97.4*	*24.4-141*	0			

LCSD Sample ID: **LCSD-44927-44927** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809B** SeqNo: **1568263** Prep Date: **8/8/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	9.582	1.0	10	0	95.8	38.1-135	8.885	7.55	20	
Surr: Decachlorobiphenyl	0.351	0	*0.5*	0	*70.2*	*14.6-145*	0.427	*19.5*		
Surr: Tetrachloro-m-xylene	0.386	0	*0.5*	0	*77.2*	*24.4-141*	0.487	*23.1*		

The following samples were analyzed in this batch: 1707841-01A 1707841-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Fulcrum Environmental Consulting
Work Order: 1707841
Project: Sky Valley Edu Center; PN 17-2070.02

QC BATCH REPORT

Batch ID: **44946** Instrument ID **GC3** Method: **SW8082**

MBLK Sample ID: **MBLK-44946-44946** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809C** SeqNo: **1568903** Prep Date: **8/9/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Aroclor 1262	ND	1.0								
Aroclor 1268	ND	1.0								
Surr: Decachlorobiphenyl	0.163	0	*0.5*	0	*32.6*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.186	0	*0.5*	0	*37.2*	*24.4-141*	0			

LCS Sample ID: **LCS-44946-44946** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809C** SeqNo: **1568904** Prep Date: **8/9/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	8.228	1.0	10	0	82.3	38.1-135	0			
Surr: Decachlorobiphenyl	0.361	0	*0.5*	0	*72.2*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.39	0	*0.5*	0	*78*	*24.4-141*	0			

LCSD Sample ID: **LCSD-44946-44946** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809C** SeqNo: **1568920** Prep Date: **8/9/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	8.12	1.0	10	0	81.2	38.1-135	8.228	1.32	20	
Surr: Decachlorobiphenyl	0.337	0	*0.5*	0	*67.4*	*14.6-145*	0.361	*6.88*		
Surr: Tetrachloro-m-xylene	0.369	0	*0.5*	0	*73.8*	*24.4-141*	0.39	*5.53*		

The following samples were analyzed in this batch:

1707841-03A	1707841-04A	1707841-05A
1707841-06A	1707841-07A	1707841-08A
1707841-09A	1707841-10A	1707841-11A
1707841-12A	1707841-13A	1707841-14A
1707841-15A	1707841-16A	1707841-17A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 11-Aug-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
WorkOrder: **1707841**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ED_004522_00089902-00023

ALS Environmental

Sample Receipt Checklist

Client Name: **FULCRUM-YAKIMA** Date/Time Received: **28-Jul-17 09:51**

Work Order: **1707841** Received by: **DNS**

Checklist completed by R dbN ieman 31-Jul-17 Reviewed by: S hawn S myth 07-Aug-17

eSignature | Date | eSignature | Date

Matrices:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):			
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☐	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: