



ANALYTICAL REPORT

Report Date: December 06, 2018

Scott Fan
ALTA Environmental
3777 Long Beach Blvd.
Long Beach, CA 90807

Phone: (562) 495-5777

E-mail: Scott.Fan@altaenviron.com

Workorder: **34-1833504**

Project ID: Juan Cabrillo E.S.
Purchase Order: SMSD-18-8148
Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
112918-JCES-BA-R100L-A6	1833504001	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BB-R3-A7	1833504002	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BB-R3-A8	1833504003	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BC-R9-A9	1833504004	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-A0D1	1833504005	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-AFB1	1833504006	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-A0D2	1833504007	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-AFB2	1833504008	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BA-R100L-W1	1833504009	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BA-R100L-W2	1833504010	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BA-R100L-W3	1833504011	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BB-R3-W1	1833504012	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BB-R3-W2	1833504013	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BB-R3-W3	1833504014	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BB-R3-W4	1833504015	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BC-R9-W1	1833504016	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BC-R9-W2	1833504017	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BC-R9-W3	1833504018	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-JCES-BC-R9-W4	1833504019	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-WFB-HEX	1833504020	11/29/18	12/01/18	Juan Cabrillo E.S.
112918-WFB-HEX	1833504021	11/29/18	12/01/18	Juan Cabrillo E.S.

ADDRESS 960 West LeVoy Drive, Salt Lake City, Utah, 84123 USA | PHONE +1 801 266 7700 | FAX +1 801 268 9992

ALS GROUP USA, CORP. An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BA-R100L-A6		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504001		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: Air Volume 7192.8 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<28	0.20	1	
Aroclor 1232	ND	<14	0.10	1	
Aroclor 1016	ND	<14	0.10	1	
Aroclor 1242	ND	<14	0.10	1	
Aroclor 1248	ND	<14	0.10	1	
Aroclor 1254	ND	<14	0.10	1	
Aroclor 1260	ND	<14	0.10	1	
Aroclor 1262	ND	<14	0.10	1	
Aroclor 1268	ND	<14	0.10	1	

Sample ID: 112918-JCES-BB-R3-A7		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504002		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: Air Volume 7178.4 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<28	0.20	1	
Aroclor 1232	ND	<14	0.10	1	
Aroclor 1016	ND	<14	0.10	1	
Aroclor 1242	ND	<14	0.10	1	
Aroclor 1248	ND	<14	0.10	1	
Aroclor 1254	ND	<14	0.10	1	
Aroclor 1260	ND	<14	0.10	1	
Aroclor 1262	ND	<14	0.10	1	
Aroclor 1268	ND	<14	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BB-R3-A8		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504003		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: Air Volume 7200 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<28	0.20	1	
Aroclor 1232	ND	<14	0.10	1	
Aroclor 1016	ND	<14	0.10	1	
Aroclor 1242	ND	<14	0.10	1	
Aroclor 1248	ND	<14	0.10	1	
Aroclor 1254	ND	<14	0.10	1	
Aroclor 1260	ND	<14	0.10	1	
Aroclor 1262	ND	<14	0.10	1	
Aroclor 1268	ND	<14	0.10	1	

Sample ID: 112918-JCES-BC-R9-A9		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504004		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: Air Volume 7185.6 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<28	0.20	1	
Aroclor 1232	ND	<14	0.10	1	
Aroclor 1016	ND	<14	0.10	1	
Aroclor 1242	ND	<14	0.10	1	
Aroclor 1248	ND	<14	0.10	1	
Aroclor 1254	ND	<14	0.10	1	
Aroclor 1260	ND	<14	0.10	1	
Aroclor 1262	ND	<14	0.10	1	
Aroclor 1268	ND	<14	0.10	1	



ANALYTICAL REPORT

Workorder: 34-1833504

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-A0D1		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504005		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: Air Volume 7178.4 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		<u>Weight/Volume</u>	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<28	0.20	1	
Aroclor 1232	ND	<14	0.10	1	
Aroclor 1016	ND	<14	0.10	1	
Aroclor 1242	ND	<14	0.10	1	
Aroclor 1248	ND	<14	0.10	1	
Aroclor 1254	ND	<14	0.10	1	
Aroclor 1260	ND	<14	0.10	1	
Aroclor 1262	ND	<14	0.10	1	
Aroclor 1268	ND	<14	0.10	1	

Sample ID: 112918-AFB1		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504006		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: NA			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	NA	0.20	1	
Aroclor 1232	ND	NA	0.10	1	
Aroclor 1016	ND	NA	0.10	1	
Aroclor 1242	ND	NA	0.10	1	
Aroclor 1248	ND	NA	0.10	1	
Aroclor 1254	ND	NA	0.10	1	
Aroclor 1260	ND	NA	0.10	1	
Aroclor 1262	ND	NA	0.10	1	
Aroclor 1268	ND	NA	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-A0D2		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504007		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: Air Volume 7200 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<28	0.20	1	
Aroclor 1232	ND	<14	0.10	1	
Aroclor 1016	ND	<14	0.10	1	
Aroclor 1242	ND	<14	0.10	1	
Aroclor 1248	ND	<14	0.10	1	
Aroclor 1254	ND	<14	0.10	1	
Aroclor 1260	ND	<14	0.10	1	
Aroclor 1262	ND	<14	0.10	1	
Aroclor 1268	ND	<14	0.10	1	

Sample ID: 112918-AFB2		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504008		Media: PUF Tube		Received: 12/01/2018	
Matrix: Air		Sampling Parameter: NA			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/28131 (HBN: 228501)		Initial: 1 mL	Batch: EGC/7599 (HBN: 228683)		Percent Solid: NA
Prepared: 12/04/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ng/m³)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	NA	0.20	1	
Aroclor 1232	ND	NA	0.10	1	
Aroclor 1016	ND	NA	0.10	1	
Aroclor 1242	ND	NA	0.10	1	
Aroclor 1248	ND	NA	0.10	1	
Aroclor 1254	ND	NA	0.10	1	
Aroclor 1260	ND	NA	0.10	1	
Aroclor 1262	ND	NA	0.10	1	
Aroclor 1268	ND	NA	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BA-R100L-W1		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504009		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Sample ID: 112918-JCES-BA-R100L-W2		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504010		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		Weight/Volume	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BA-R100L-W3		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504011		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Sample ID: 112918-JCES-BB-R3-W1		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504012		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		Weight/Volume	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BB-R3-W2		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504013		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Sample ID: 112918-JCES-BB-R3-W3		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504014		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		Weight/Volume	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BB-R3-W4		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504015		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Sample ID: 112918-JCES-BC-R9-W1		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504016		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		Weight/Volume	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BC-R9-W2		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504017		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Sample ID: 112918-JCES-BC-R9-W3		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504018		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		Weight/Volume	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-JCES-BC-R9-W4		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504019		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Sample ID: 112918-WFB-HEX		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504020		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 112918-WFB-HEX		Sampling Site: Juan Cabrillo E.S.		Collected: 11/29/2018	
Lab ID: 1833504021		Media: Wipe		Received: 12/01/2018	
Matrix: Wipe		Sampling Parameter: Volume 100 cm²			
Analysis Method - SW 8082					
Preparation: EPA 3540 Soxhlet Ext., ARO Wipe		<u>Weight/Volume</u>	Analysis: SW 8082, Wipe		Instrument ID: GCE03
Batch: ENVX/28132 (HBN: 228502)		Initial: 1 wipe	Batch: EGC/7598 (HBN: 228682)		Percent Solid: NA
Prepared: 12/02/2018		Final: 10 mL	Analyzed: 12/04/2018 00:00		Report Basis: Wet
Analyte	Result (ug/sample)	Result (ug/100cm²)	RL (ug/sample)	Dilution	Qual
Aroclor 1221	ND	<0.20	0.20	1	
Aroclor 1232	ND	<0.10	0.10	1	
Aroclor 1016	ND	<0.10	0.10	1	
Aroclor 1242	ND	<0.10	0.10	1	
Aroclor 1248	ND	<0.10	0.10	1	
Aroclor 1254	ND	<0.10	0.10	1	
Aroclor 1260	ND	<0.10	0.10	1	
Aroclor 1262	ND	<0.10	0.10	1	
Aroclor 1268	ND	<0.10	0.10	1	

Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method	Analyst	Peer Review
EPA TO-10A, PCBs	/S/ Mila V. Potekhin 12/05/2018 13:48	/S/ Lyle Edwards 12/05/2018 15:20
SW 8082	/S/ Mila V. Potekhin 12/05/2018 12:31	/S/ Lyle Edwards 12/05/2018 13:21

Laboratory Contact Information

ALS Environmental
960 W Levoy Drive
Salt Lake City, Utah 84123

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alsslc.com



ANALYTICAL REPORT

Workorder: **34-1833504**

Client: ALTA Environmental

Project Manager: Paul E. Pope

General Lab Comments

The results provided in this report relate only to the items tested.
Samples were received in acceptable condition unless otherwise noted.
Samples have not been blank corrected unless otherwise noted.
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body	Certificate Number	Website
Environmental	PJLA (DoD ELAP)		
	Utah (TNI)		
	Nevada		
	Oklahoma		
	Iowa		

Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.
RL = Reporting Limit, a verified value of method/media/instrument sensitivity.
CRDL = Contract Required Detection Limit
Reg. Limit = Regulatory Limit.
ND = Not Detected, testing result not detected above the MDL or RL.
< This testing result is less than the numerical value.
** No result could be reported, see sample comments for details.

Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.
J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.
B = Qualifier indicates that the analyte was detected in the blank.
E = Qualifier indicates that the analyte result exceeds calibration range.
P = Qualifier indicates that the RPD between the two columns is greater than 40%.