ANALYTICAL REPORT

Report Date: August 10, 2018

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Workorder: **34-1822026**
Project ID: Franklin E.S. 080618
Purchase Order: Franklin E.S.
Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
080618-SFJR06	1822026001	08/06/18	08/08/18	Franklin E.S.
080618-SFJR07	1822026002	08/06/18	08/08/18	Franklin E.S.
080618-SFJR08B	1822026003	08/06/18	08/08/18	Franklin E.S.

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Analytical Results

Sample ID: **080618-SFJR06** | Sampling Site: Franklin E.S. | Collected: 08/06/2018
Lab ID: 1822026001 | Media: PUF Tube | Received: 08/08/2018
Matrix: Air | Sampling Parameter: Air Volume 7012.8 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/27157 (HBN: 220581)	**Initial:** 1 filter	**Batch:**	EGC/7408 (HBN: 220693)	**Percent Solid:** NA
Prepared:	08/08/2018	**Final:** 10 mL	**Analyzed:**	08/09/2018 00:00	**Report Basis:** Wet

Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	<29	200	1	
Aroclor 1232	ND	<14	100	1	
Aroclor 1016	ND	<14	100	1	
Aroclor 1242	ND	<14	100	1	
Aroclor 1248	ND	<14	100	1	
Aroclor 1254	ND	<14	100	1	
Aroclor 1260	ND	<14	100	1	
Aroclor 1262	ND	<14	100	1	
Aroclor 1268	ND	<14	100	1	

Sample ID: **080618-SFJR07** | Sampling Site: Franklin E.S. | Collected: 08/06/2018
Lab ID: 1822026002 | Media: PUF Tube | Received: 08/08/2018
Matrix: Air | Sampling Parameter: Air Volume 7099.2 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/27157 (HBN: 220581)	**Initial:** 1 filter	**Batch:**	EGC/7408 (HBN: 220693)	**Percent Solid:** NA
Prepared:	08/08/2018	**Final:** 10 mL	**Analyzed:**	08/09/2018 00:00	**Report Basis:** Wet

Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	<28	200	1	
Aroclor 1232	ND	<14	100	1	
Aroclor 1016	ND	<14	100	1	
Aroclor 1242	ND	<14	100	1	
Aroclor 1248	ND	<14	100	1	
Aroclor 1254	ND	<14	100	1	
Aroclor 1260	ND	<14	100	1	
Aroclor 1262	ND	<14	100	1	
Aroclor 1268	ND	<14	100	1	

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Analytical Results

Sample ID: **080618-SFJR08B** | Sampling Site: Franklin E.S. | Collected: 08/06/2018
Lab ID: 1822026003 | Media: PUF Tube | Received: 08/08/2018
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/27157 (HBN: 220581)	**Initial:** 1 filter	**Batch:**	EGC/7408 (HBN: 220693)	**Percent Solid:** NA
Prepared:	08/08/2018	**Final:** 10 mL	**Analyzed:**	08/09/2018 00:00	**Report Basis:** Wet

Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	NA	200	1	
Aroclor 1232	ND	NA	100	1	
Aroclor 1016	ND	NA	100	1	
Aroclor 1242	ND	NA	100	1	
Aroclor 1248	ND	NA	100	1	
Aroclor 1254	ND	NA	100	1	
Aroclor 1260	ND	NA	100	1	
Aroclor 1262	ND	NA	100	1	
Aroclor 1268	ND	NA	100	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 08/10/2018 11:24	/S/ Lyle Edwards 08/10/2018 13:39

Laboratory Contact Information

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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%.