Screening Level Vapor Intrusion Assessment Report

Former Franklin Power Products
400 Forsythe Street
Indianapolis, Indiana

State Cleanup Site No. 0000807

August 4, 2020
SMA Project No. HH187004A

Prepared By:

St. John-Mittelhauser & Associates, Inc.,
A Terracon Company
1401 Branding Avenue, Suite 315
Downers Grove, Illinois 60515

ST. JOHN - MITTELHAUSER & ASSOCIATES
A Terracon COMPANY

CONTENTS

1.0 INTRODUCTION

St. John – Mittelhauser & Associates (SMA), a Terracon Company, has prepared this *Screening Level Vapor Intrusion Assessment Report* for the Former Franklin Power Products Facility located at 400 Forsythe Street, Franklin, Indiana (the Site). A Site Vicinity Map is provided as Figure 1. This document summarizes sampling methodologies and results of the second paired indoor air / sub-slab sampling performed within the Site building by SMA on June 29, 2020. An initial sampling event, under conditions representative of the winter heating season, was conducted on March 13, 2020. Outside temperatures during the June 29, 2020 sampling event were recorded to range between 71° and 88°F, which constitutes conditions considered representative of the summer cooling season. Sampling was conducted during the day with all building windows closed and air conditioning systems in operation.

2.0 SITE DESCRIPTION AND SAMPLING RATIONALE

The Site property consists of an irregular shaped parcel totaling approximately 11.4 acres. The property currently contains one building totaling approximately 104,700 ft^2 and is constructed with a slab on grade foundation. A small pre-fabricated building is also present east of the main building at the north end of the property. The main building encompasses approximately 20% of the total footprint of the Site, with the remaining ground cover being asphalt, gravel, or vegetation. The building slab is approximately 6-inches thick and ceiling heights vary between 10 and approximately 30 feet.

The objective of the sampling activities was to screen for the potential for vapor intrusion (VI) in occupied portions of the Site building that are not currently used for warehouse space and is a follow up to the sampling performed by Keramida Inc. in 2018.

3.0 INVESTIGATION METHODS

3.1 PRE-SAMPLING SURVEYS

A survey of the building was performed on June 29, 2020, prior to initiating sampling activities, in order to identify potential indoor sources of volatile organic compounds (VOCs) that may interfere

with an accurate assessment of potential VI and to identify sampling locations. This survey included a walkthrough of the building; a brief interview with the property manager; and an inventory of chemical storage containers identified to be present during the time of the sampling. The results of this pre-sampling survey are documented in the Indoor Air Building Survey Checklist provided as Appendix A. Identified chemicals within the building were found to include various cleaning agents, latex-based paints, spray paints and soaps. SMA found no evidence of the storage of chemicals containing constituents of potential concern (COPCs) historically documented in soil and groundwater beneath and in the vicinity of the Site property.

3.2 SUB-SLAB SOIL GAS SAMPLE COLLECTION

A total of eight sub-slab sampling ports (SS-1 through SS-8) were installed within the Site building on March 11, 2020, at the approximate locations shown in Figure 2. Each sampling port was installed using a rotary hammer drill to create a 5/8-inch diameter hole through the concrete slab, approximately 2-inches into the underlying fill material. The hole was then re-drilled with a 1.5-inch diameter drill bit approximately 1.75-inches into the slab. A Vapor Pin sampling port was then installed in the borehole and sealed with a silicon sleeve. The sampling ports were used during both the March 13 and June 29, 2020 sampling events. Note that sampling point SS-8 was shifted slightly south of the southern wall of the Powerhouse Athletics tenant space due to issues drilling through the slab to the north of the wall. The area immediately north of the wall corresponds to two loading docks. The concrete floor slab in this area is presumed to be reinforced.

Prior to sample collection on June 29, 2020, the integrity of each sampling port was confirmed through water dam leak testing. Each sampling port was then purged of approximately three internal volumes (~30 mL) using a plastic syringe. The sampling ports were then connected to 6-liter Summa canisters fitted with 8-hour flow regulators using 0.187-inch ID Teflon tubing. The sampling train also included an isolation valve adjacent to the sampling port; a three-way valve connected to an in-line hand pump, and vacuum gauge between the sampling port and Summa Canister. All connections between the Summa canisters, flow regulators and valving were secured with appropriate Swagelok fittings. The connections between sample tubing and sampling ports were made using short sections of Tygon R-3063 tubing as a bridge. Prior to sample collection, a shut-in test was performed at each location to confirm the airtightness of the

fittings between the sample probe and Summa canister. The tests were performed by shutting the isolation valve adjacent to the sample port and using a hand pump to achieve an induced vacuum of 30-inches of water head within the sample train. The vacuum was then monitored for a minimum of 1-minute to confirm that it remained steady. Following the shut-in tests, samples were collected and submitted to Envision Laboratories in Indianapolis, Indiana for analysis of VOCs using USEPA Test Method TO-15.

3.3 INDOOR AIR SAMPLE COLLECTION

A total of eight indoor air samples (IA-1 through IA-8), and one duplicate sample for quality assurance / quality control (QA/QC) purposes, were collected concurrently with the sub-slab samples discussed in Section 3.2. Each sample was collected from commonly occupied areas using 6-liter Summa canisters fitted with regulators to withdraw time-integrated samples over an 8-hour time period. All connections between the Summa canisters and flow regulators were secured with laboratory-provided Swagelok fittings. The samples were submitted to Envision Laboratories in Indianapolis, Indiana under chain of custody protocols for analysis of VOCs using USEPA Test Method TO-15.

3.4 AMBIENT AIR SAMPLE COLLECTION

One outdoor, ambient air sample was collected concurrently with other investigation samples by placing a 6-L Summa canister at a location determined to be upwind of the facility over the course of the investigation (see Figure 2). The sample was collected using a 6-liter Summa canister fitted with a laboratory provided regulator to withdraw a time-integrated sample over an 8-hour time period. All connections between the Summa canisters and flow regulators were secured with laboratory-provided Swagelok fittings. The sample was submitted to Envision Laboratories in Indianapolis, Indiana under chain of custody protocols for analysis of VOCs using USEPA Test Method TO-15.

4.0 SAMPLING RESULTS

Laboratory analytical results from both the March and June 2020 paired sub-slab / indoor air sampling events are provided as Table 1 and are summarized in Figure 2. In addition, the

laboratory analytical report for the June 29, 2020 sampling event is provided as Appendix B. The analytical results are broken down into two general categories: 1) analytical results obtained from sub-slab locations, and 2) analytical results obtained from locations representative of breathing air (both indoor and outdoor air).

Collectively, sampling results from both the March and June 2020 sampling events indicated the presence of tetrachloroethylene (PCE) and trichloroethylene (TCE) at concentrations exceeding laboratory quantification limits at four sub-slab sampling locations; however, neither constituent was detected at concentrations exceeding either residential or commercial/industrial sub-slab screening levels outlined in the Indiana Department of Environmental Management's (IDEM) *Remediation Closure Guide* (RCG; updated March 2020) and *Attenuation Factors* Guidance Document (dated September 29, 2016). There were no detections of any VOCs in indoor air samples.

5.0 CONCLUSION AND RECOMMENDATIONS

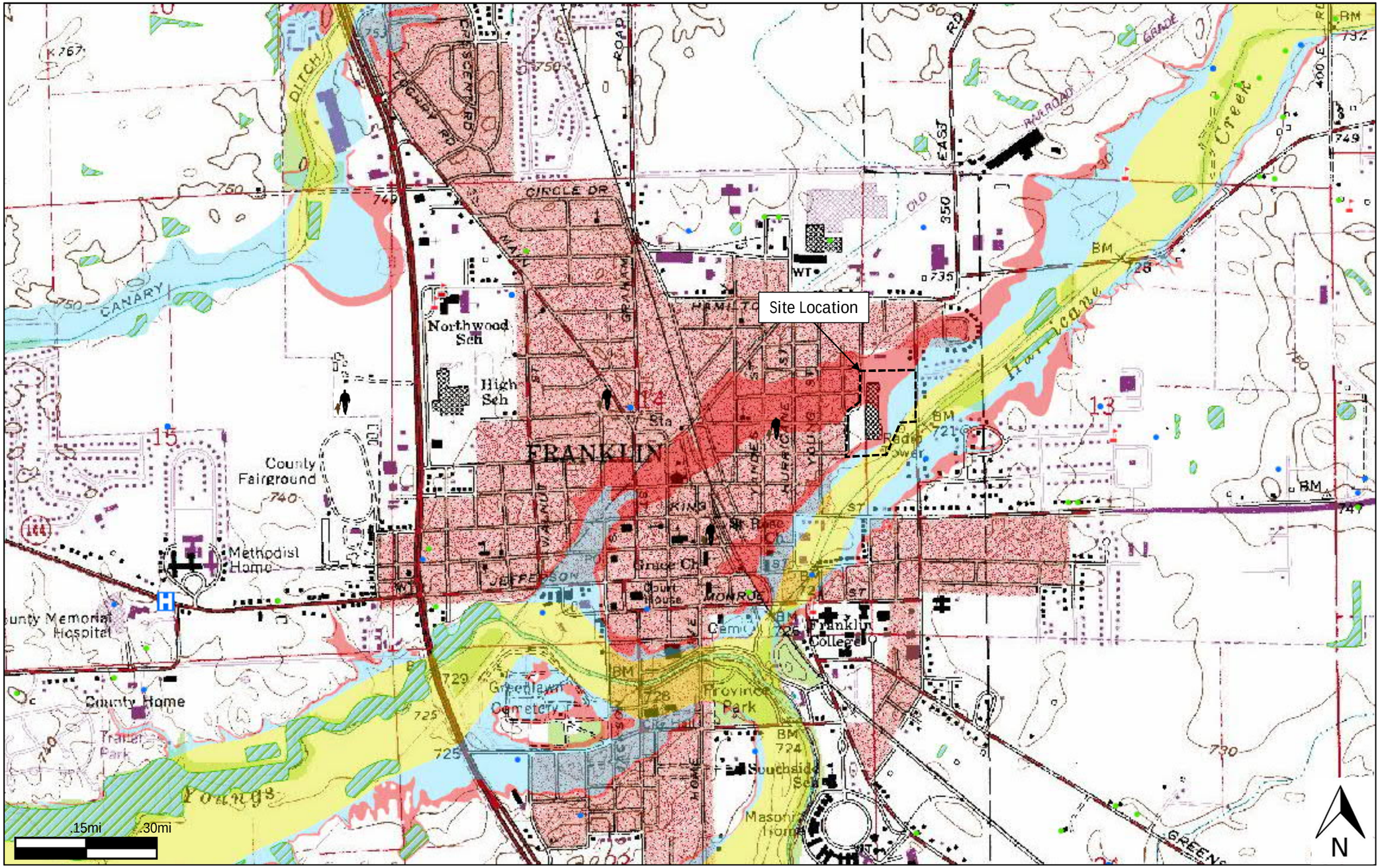
Paired sub-slab and indoor air sampling conducted in the Site building in March 2020 and June 2020 indicated all VOCs were below both residential and commercial/industrial screening levels in sub-slab vapor, and in all cases below laboratory detection levels in indoor air. The two rounds of sampling were performed under conditions considered to represent the highest potential for vapor intrusion (i.e., the winter heating season and summer cooling season). The absence of VOC impacts at levels exceeding RCG screening levels indicates occupied portions of the Site building that are not currently used for warehouse space are suitable for both residential and commercial/industrial land use scenarios. No additional investigations or remedial activities appear warranted to address potential vapor intrusion exposure in occupied portions of the Site building.

FIGURES

- Floodway
- 500 Year Flood Zone
- 100 Year Flood Zone
- Wetlands
- Schools
- Hospitals
- Daycares

Water Wells (IDNR)

- Located
- Location Estimated



Source: Indiana Geological Survey Online Map, http://inmap.indiana.edu/index.html

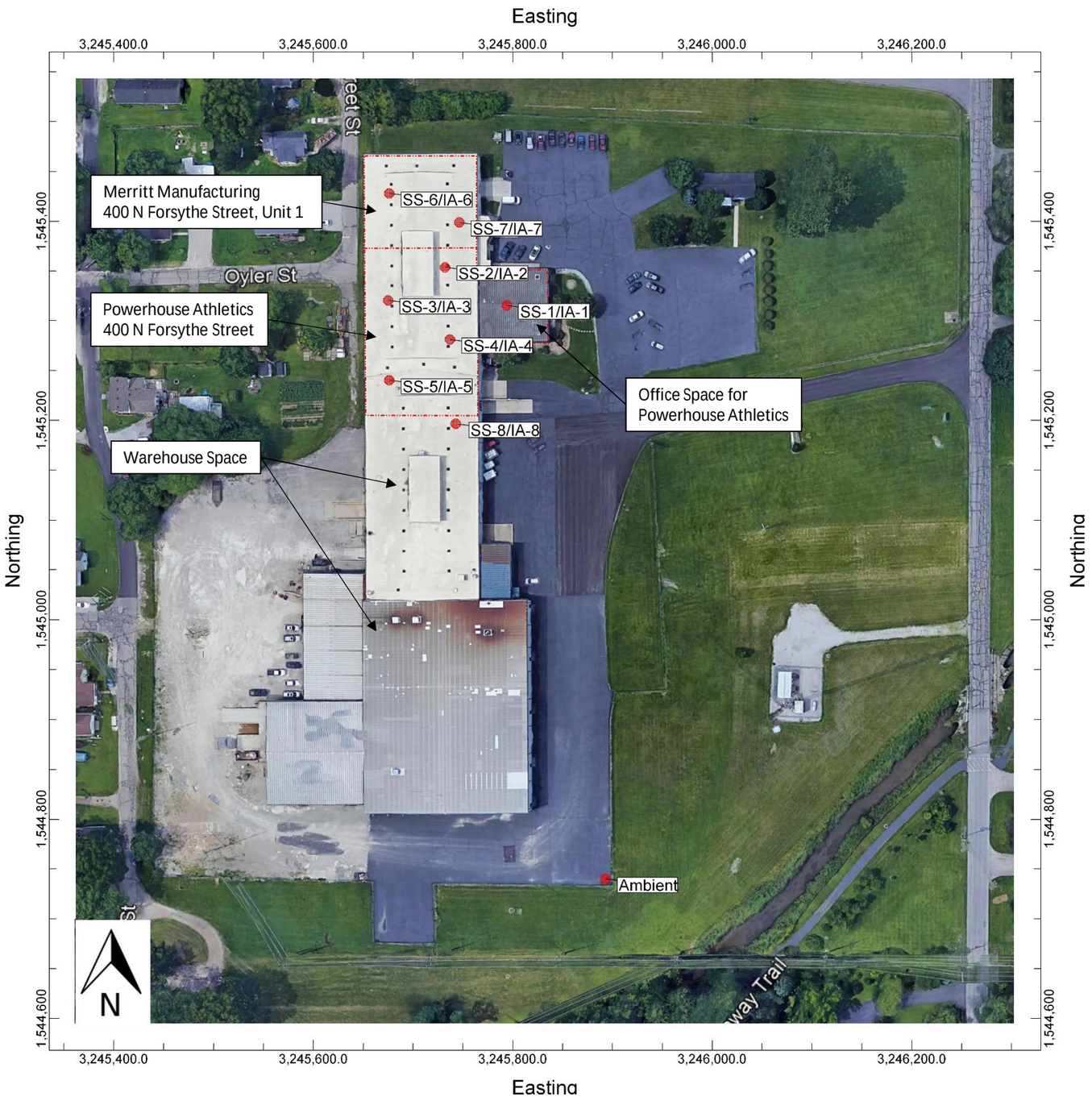
ST. JOHN - MITTELHAUSER & ASSOCIATES
A Terracon COMPANY

Former Franklin Power Products
400 North Forsythe Street
Franklin, Indiana

Drawn by: AD
12/3/2018
Scale as Shown

Figure 1

Site Vicinity Map



Remediation Colosure Guidelines (RCG)			Tetrachloroethylene	Trichloroethylene
RCG Residential - Indoor Air (µg/m^3)			42	2.1
RCG Residential - Sub Slab (0.03 attenuation factor; µg/m^3)			1400	70
RCG Industrial/Commercial - Indoor Air (µg/m^3)			180	8.8
RCG Industrial/Commercial - Sub Slab (0.03 attenuation factor; µg/m^3)			6000	293.3
Sample ID	Sample Type	Date		
IA-1	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-2	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-3	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-4	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-5	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-6	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-7	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-8	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
Ambient	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
SS-1	Sub-Slab	3/13/2020	<3.19	28.5
		6/29/2020	<3.19	11.4
SS-2	Sub-Slab	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
SS-3	Sub-Slab	3/13/2020	36.7	<1.07
		6/29/2020	46.9	<1.07
SS-4	Sub-Slab	6/29/2020	<3.19	11.3
SS-5	Sub-Slab	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
SS-6	Sub-Slab	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
SS-7	Sub-Slab	3/13/2020	8.82	<1.07
		6/29/2020	<3.19	<1.07
SS-8	Sub-Slab	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07

● Paired Indoor Air / Sub-Slab Sampling Locations

Horizontal Coordinates
Indiana State Plane West (feet)

Analytical Results
All analytical data provided as µg/m^3

ST. JOHN-MITTELHAUSER & ASSOCIATES
A Terracon COMPANY

Former Franklin Power Products
400 North Forsythe Street
Franklin, Indiana

Drawn by: AD
7/7/2020
Scale as Shown

Figure 2

Vapor Intrusion Screening
Sample Results

TABLES

Table 1. Vapor Intrusion Screening Results (ug/m^3)
Former Franklin Power Products Facility
400 N. Forsythe Street, Franklin, Indiana
(Attenuation Factors for Standard Buildings)

Remediation Colosure Guidelines (RCG)			Tetrachloroethylene	Trichloroethylene
RCG Residential - Indoor Air (µg/m^3)			42	2.1
RCG Residential - Sub Slab (0.03 attenuation factor; µg/m^3)			1400	70
RCG Industrial/Commercial - Indoor Air (µg/m^3)			180	8.8
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		6/29/2020	<3.19	<1.07
IA-4	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-5	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
		6/29/2020 Dup	<3.19	<1.07
IA-6	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-7	Indoor Air	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07
IA-8	Indoor Air	3/13/2020	<3.19	<1.07
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Ambient	Indoor Air	3/13/2020	<3.19	<1.07
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		6/29/2020	<3.19	<1.07
SS-7	Sub-Slab	3/13/2020	8.82	<1.07
		6/29/2020	<3.19	<1.07
SS-8	Sub-Slab	3/13/2020	<3.19	<1.07
		6/29/2020	<3.19	<1.07

APPENDIX A

Prepared by: Scott Hoppel (SMA)

June 29, 2020

Vapor Intrusion Investigation Documentation

Part I: General Information

Complete Part I for each sampling event (may involve multiple structures)

Release	*For Known Source(s):*		
	Site Name FPP		Site Number
	400 Forsythe St		
	Franklin, IN		
	☐ Source not known		
Chemicals	*Check all that apply:*		
	☒ Chlorinated solvents ☐ Petroleum hydrocarbons ☐ Unknown		
	☐ Other *(specify)*:		
Rationale	Condition(s) prompting investigation *(check all that apply):*		
	☐ Odor complaint		
	☒ Ground water contamination levels (from offsite)		
	☐ Soil contamination levels		
	☒ Other *(specify)*: To screen for potential VI in occupied portions of the site building not used for warehouse space		
Weather	Precipitation ≤ 12 hours prior to sampling? ☐ Yes ☒ No		
	Outside temperature range: 71 °F to 88 °F		
Personnel	Sampler(s)	Affiliation	Telephone
	Scott Hoppel	SMA	317-229-6680
	Preparer	Affiliation	Telephone
	Scott Hoppel	SMA	
	Laboratory:		
	Envision Air		

Vapor Intrusion Investigation Documentation

Part II: General Structure Characteristics and Sampling Information

Complete a separate Part II for each structure

	☐ Residential ☒ Non-residential ☐ Multi-unit	Year Constructed: 1940
	Floors at/above grade: 1	Ceiling Height (feet): 20+
	Sensitive population? ☒ No ☐ Yes (*specify*):	
	Surrounding area: ☐ Bare soil/Vegetation ☐ Impervious ☒ Mixed	
	☐ Basement ☐ Crawl space ☒ Slab on grade ☐ Combination	
Basement (if applicable)	Depth of basement floor below ground surface (feet):	
	Basement area: _____ ft^2	
	Floor is ☐ Dirt/stones ☐ Slab ☐ Other (*specify*):	
	Walls are ☐ Block ☐ Poured ☐ Other (*specify*):	
	Floor sealed? ☐ Yes ☐ No	Walls sealed? ☐ Yes ☐ No
	Sump? ☐ Yes ☐ No	Water in sump? ☐ Yes ☐ No
	Floor cracks? ☐ Yes ☐ No	Wall cracks? ☐ Yes ☐ No
Heating	System type (*check all that apply*): ☒ Hot air circulation ☐ Hot air radiation ☐ Steam radiation ☐ Wood ☐ Heat pump ☐ Hot water radiation ☐ Kerosene ☐ Electric baseboard ☐ Other (*specify*):	
	Fuel type (*check all that apply*): ☒ Natural gas ☐ Electric ☐ Oil ☐ Wood ☐ Coal ☐ Kerosene ☐ Other (*specify*):	
Other	Whole house fan? ☒ Yes ☐ No	Septic? ☐ Yes ☒ No
	Well? ☐ Yes ☒ No	
	Sub-slab vapor/moisture barrier? ☐ Yes ☐ No ☒ Don't Know If yes, what kind: Instructions for Occupants followed? ☒ Yes ☐ No If not, describe modifications:	

Part II: Structure Characteristics and Sampling Information *continued*

Sample Location Sketch

See Figure

ID	Type[1]	Floor	Room	Vol (mL)	Time (hrs)	Method[2]
See	Report					

[1] IA = indoor air SS = sub-slab SGe = exterior soil gas CS = crawl space NS = near-slab exterior
[2] TO-14A; TO-15; TO-15SIM; TO-17; Other (specify)

Vapor Intrusion Investigation Documentation

Part III: Indoor Air Background Investigation

Complete a separate Part III for any structure with suspected background source

Structure address:
Potential background contaminant(s):

☐ Yes ☒ No Do structure occupants smoke? Not in Building
If yes, last time someone smoked in structure:

☐ Yes ☒ No Garage attached to living space?
If yes, is a vehicle usually parked in the garage?
If yes, are gas cans or gas-powered equipment stored in the garage?

☐ Yes ☒ No Do structure occupants have clothes dry cleaned?
If yes, how often:
If yes, last time newly dry cleaned clothes brought home:

☐ Yes ☒ No Occupants use solvents at place of employment?
If yes, what types:
If yes, are their clothes washed away from home?

☐ Yes ☒ No Are pesticides applied in/around structure?
If yes, which pesticides:
If yes, when:

☐ Yes ☒ No Has there ever been a fire in the structure?
If yes, when:

☐ Yes ☒ No Painting or staining in the building in the last six months?
If yes, when:
If yes, which rooms:

Vapor Intrusion Investigation Documentation
Part III: Indoor Air Background Investigation *continued*
Indoor Chemical Inventory

Potential Sources	Location(s)	Removed? Y/N/NA
Gasoline storage cans		
Gas powered equipment		
Kerosene storage cans		
Paint/thinner/stripper	Paint	N
Cleaning solvents		
Oven cleaner		
Carpet/upholstery cleaner		
Other cleaning products	Household Cleaning Products	N
Moth balls		
Polish/wax	Furniture Polish	N
Insecticide		
Nail polish/polish remover		
Hairspray		
Cologne/perfume		
Air fresheners		
Indoor fuel tank		
Wood stove or fireplace		
New furniture/upholstery		
New carpeting/flooring		
Hobby chemicals: glues, paints, lacquers, darkroom chemicals, etc.	Glue Sticks, spray adhesive	N
Scented trees, wreaths, potpourri, etc.		
Other		

APPENDIX B

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Mr. Perre Burns
St. John-Mittelhauser & Associates
8541 Bash Street
Suite #102
Indianapolis, IN 46250

July 7, 2020

EnvisionAir Project Number: 2020-340
Client Project Name: Franklin

Dear Mr. Burns,

Please find the attached analytical report for the samples received June 29, 2020. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

Stanley A. Hunnicutt

Stan Hunnicutt

Project Manager
EnvisionAir, LLC

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
20-1555	IA-1	A	6/29/20	4:40	6/29/20	12:00	6/29/20	14:14	-29	-8	-8
20-1556	SS-1	A	6/29/20	4:39	6/29/20	12:45	6/29/20	14:14	-30	-9	-9
20-1557	IA-2	A	6/29/20	4:50	6/29/20	12:05	6/29/20	14:14	-30	-8	-8
20-1558	SS-2	A	6/29/20	4:49	6/29/20	12:40	6/29/20	14:14	-30	-8	-8
20-1559	IA-3	A	6/29/20	5:04	6/29/20	12:55	6/29/20	14:14	-30	-9	-9
20-1560	SS-3	A	6/29/20	5:03	6/29/20	12:30	6/29/20	14:14	-29	-8	-8
20-1561	IA-4	A	6/29/20	5:12	6/29/20	13:10	6/29/20	14:14	-30	-9	-9
20-1562	SS-4	A	6/29/20	5:11	6/29/20	13:10	6/29/20	14:14	-27	-12	-12
20-1563	IA-5	A	6/29/20	5:17	6/29/20	13:15	6/29/20	14:14	-30	-10	-10
20-1564	SS-5	A	6/29/20	5:16	6/29/20	13:15	6/29/20	14:14	-29	-12	-12
20-1565	IA-6	A	6/29/20	5:29	6/29/20	13:22	6/29/20	14:14	-30	-8	-8
20-1566	SS-6	A	6/29/20	5:32	6/29/20	12:20	6/29/20	14:14	-25	-7	-7
20-1567	IA-7	A	6/29/20	5:34	6/29/20	13:20	6/29/20	14:14	-29	-8	-8
20-1568	SS-7	A	6/29/20	5:36	6/29/20	13:20	6/29/20	14:14	-28	-8	-8
20-1569	IA-8	A	6/29/20	5:45	6/29/20	13:30	6/29/20	14:14	-30	-14	-14
20-1570	SS-8	A	6/29/20	5:48	6/29/20	13:30	6/29/20	14:14	-30	-10	-10
20-1571	AMBIENT	A	6/29/20	5:20	6/29/20	13:15	6/29/20	14:14	-30	-8	-8
20-1572	DUP	A	6/29/20	4:51	6/29/20	12:50	6/29/20	14:14	-28	-10	-10

EnvisionAir
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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-1

EnvisionAir Sample Number: 20-1555
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 4:40
Sample Collection END Date/Time: 6/29/20 12:00
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	7-1-20/17:54		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: SS-1

EnvisionAir Sample Number: 20-1556
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 4:39
Sample Collection END Date/Time: 6/29/20 12:45
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	**11.4**	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	7-2-20/00:08		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-2

EnvisionAir Sample Number: 20-1557
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 4:50
Sample Collection END Date/Time: 6/29/20 12:05
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	7-1-20/18:36		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: SS-2
EnvisionAir Sample Number: 20-1558
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 4:49
Sample Collection END Date/Time: 6/29/20 12:40
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	7-2-20/00:49		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-3

EnvisionAir Sample Number: 20-1559
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:04
Sample Collection END Date/Time: 6/29/20 12:55
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	7-1-20/19:18		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: SS-3

EnvisionAir Sample Number: 20-1560
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:03
Sample Collection END Date/Time: 6/29/20 12:30
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	**46.9**	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	7-2-20/01:30		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-4

EnvisionAir Sample Number: 20-1561
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:12
Sample Collection END Date/Time: 6/29/20 13:10
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	7-1-20/20:42		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: SS-4

EnvisionAir Sample Number: 20-1562
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:11
Sample Collection END Date/Time: 6/29/20 13:10
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	**2.01**	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	**11.3**	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	7-2-20/02:11		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-5
EnvisionAir Sample Number: 20-1563
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:17
Sample Collection END Date/Time: 6/29/20 13:15
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	106%		
Analysis Date/Time:	7-1-20/21:24		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070220CAIR

Client Sample ID: SS-5

EnvisionAir Sample Number: 20-1564
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:16
Sample Collection END Date/Time: 6/29/20 13:15
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	7-2-20/20:58		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-6

EnvisionAir Sample Number: 20-1565
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:29
Sample Collection END Date/Time: 6/29/20 13:22
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	7-1-20/22:05		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070220CAIR

Client Sample ID: SS-6

EnvisionAir Sample Number: 20-1566
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:32
Sample Collection END Date/Time: 6/29/20 12:20
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	7-2-20/21:32		
Analyst Initials	tjg		

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www.envision-air.com

Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-7

EnvisionAir Sample Number: 20-1567
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:34
Sample Collection END Date/Time: 6/29/20 13:20
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	07-01-20/22:46		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070220CAIR

Client Sample ID: SS-7

EnvisionAir Sample Number: 20-1568
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:36
Sample Collection END Date/Time: 6/29/20 13:20
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	7-2-20/22:06		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: IA-8
EnvisionAir Sample Number: 20-1569
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:45
Sample Collection END Date/Time: 6/29/20 13:30
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	7-1-20/23:27		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070220CAIR

Client Sample ID: SS-8
EnvisionAir Sample Number: 20-1570
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:48
Sample Collection END Date/Time: 6/29/20 13:30
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	7-2-20/22:40		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070120CAIR

Client Sample ID: AMBIENT

EnvisionAir Sample Number: 20-1571
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 5:20
Sample Collection END Date/Time: 6/29/20 13:15
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	7-1-20/14:29		
Analyst Initials	tjg		

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Client Name: SMA

Project ID: FRANKLIN

Client Project Manager: PERRE BURNS

EnvisionAir Project Number: 2020-340

Analytical Method: TO-15
Analytical Batch: 070220CAIR

Client Sample ID: DUP
EnvisionAir Sample Number: 20-1572
Sample Matrix: AIR

Sample Collection START Date/Time: 6/29/20 4:51
Sample Collection END Date/Time: 6/29/20 12:50
Sample Received Date/Time: 6/29/20 14:14

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	7-2-20/23:14		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 070120CAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Analytical Report

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	7-1-20/11:14		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Propylene	9.05	9.01	10	91%	90%	0.4%	
Dichlorodifluoromethane	11.1	10.5	10	111%	105%	5.6%	
Chloromethane	10.7	10.4	10	107%	104%	2.8%	
Vinyl Chloride	10.9	10.2	10	109%	102%	6.6%	
1,3-Butadiene	10.5	10.1	10	105%	101%	3.9%	
Bromomethane	10.1	9.79	10	101%	98%	3.1%	
Chloroethane	10.2	9.63	10	102%	96%	5.7%	
Vinyl Bromide	9.72	9.44	10	97%	94%	2.9%	
Trichlorofluoromethane	9.87	10.4	10	99%	104%	5.2%	
Acetone	8.41	9.62	10	84%	96%	13.4%	
1,1-Dichloroethene	9.47	8.97	10	95%	90%	5.4%	
Methylene Chloride	10.6	10.3	10	106%	103%	2.9%	
Carbon Disulfide	9.98	10.8	10	100%	108%	7.9%	
trans-1,2-Dichloroethene	10.6	9.46	10	106%	95%	11.4%	
Methyl-tert-butyl ether	11.2	9.65	10	112%	97%	14.9%	
1,1-Dichloroethane	9.58	8.59	10	96%	86%	10.9%	
Vinyl Acetate	10.7	8.96	10	107%	90%	17.7%	
N-Hexane	9.31	9.86	10	93%	99%	5.7%	
2-Butanone (MEK)	9.3	9.63	10	93%	96%	3.5%	
cis-1,2-Dichloroethene	10.2	8.6	10	102%	86%	17.0%	
Ethyl Acetate	9.2	9.89	10	92%	99%	7.2%	
Chloroform	10.1	10.2	10	101%	102%	1.0%	
Tetrahydrofuran	10.8	9.37	10	108%	94%	14.2%	
1,2-Dichloroethane	10.6	8.48	10	106%	85%	22.2%	2
1,1,1-Trichloroethane	10.8	10.1	10	108%	101%	6.7%	
Carbon Tetrachloride	10.8	9.73	10	108%	97%	10.4%	
Benzene	11.3	10.1	10	113%	101%	11.2%	
Cyclohexane	10.4	8.34	10	104%	83%	22.0%	2
1,2-Dichloropropane	10.3	8.99	10	103%	90%	13.6%	
Trichloroethene	11.1	10.8	10	111%	108%	2.7%	
Bromodichloromethane	11.1	10.7	10	111%	107%	3.7%	
1,4-Dioxane	11.4	11.2	10	114%	112%	1.8%	
Isooctane	9.08	10.1	10	91%	101%	10.6%	
N-Heptane	9.18	8.43	10	92%	84%	8.5%	
cis-1,3-Dichloropropene	9.88	8.58	10	99%	86%	14.1%	
4-Methyl-2-pentanone (MIBK)	9.72	9.91	10	97%	99%	1.9%	
trans-1,3-Dichloropropene	10.6	11.3	10	106%	113%	6.4%	
1,1,2-Trichloroethane	10	10.8	10	100%	108%	7.7%	
Toluene	8.93	9.28	10	89%	93%	3.8%	
2-Hexanone	9.75	9.89	10	98%	99%	1.4%	
Dibromochloromethane	10.6	10.3	10	106%	103%	2.9%	
1,2-dibromoethane (EDB)	10.9	9.82	10	109%	98%	10.4%	
Tetrachloroethene	8.47	8.46	10	85%	85%	0.1%	
Chlorobenzene	8.77	8.95	10	88%	90%	2.0%	
Ethylbenzene	9.5	9.74	10	95%	97%	2.5%	
m,p-Xylene	20.3	18.8	20	102%	94%	7.7%	
Bromoform	8.94	8.59	10	89%	86%	4.0%	

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Analytical Report

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Styrene	9.2	9.31	10	92%	93%	1.2%	
1,1,2,2-Tetrachloroethane	10.4	10.8	10	104%	108%	3.8%	
o-Xylene	8.66	8.54	10	87%	85%	1.4%	
4-Ethyltoluene	9.34	9.22	10	93%	92%	1.3%	
1,3,5-Trimethylbenzene	8.67	8.62	10	87%	86%	0.6%	
1,2,4-Trimethylbenzene	9.12	9.3	10	91%	93%	2.0%	
1,3-Dichlorobenzene	9.48	9.25	10	95%	93%	2.5%	
Benzyl Chloride	10.9	11.4	10	109%	114%	4.5%	
1,4-Dichlorobenzene	9.39	9.51	10	94%	95%	1.3%	
1,2-Dichlorobenzene	8.85	8.77	10	89%	88%	0.9%	
1,2,4-Trichlorobenzene	10.4	9.41	10	104%	94%	10.0%	
Hexachloro-1,3-butadiene	11.5	10.9	10	115%	109%	5.4%	
Naphthalene	9.55	10.4	10	96%	104%	8.5%	
4-bromofluorobenzene (surrogate)	99%	99%					
Analysis Date/Time:	7-1-20/10:05	7-1-20/11:56					
Analyst Initials	tjg	tjg					

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 070220CAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Analytical Report

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	7-2-20/19:50		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Propylene	9.1	7.08	10	91%	71%	25.0%	2
Dichlorodifluoromethane	9.05	7.71	10	91%	77%	16.0%	
Chloromethane	9.17	9.31	10	92%	93%	1.5%	
Vinyl Chloride	10.6	9.62	10	106%	96%	9.7%	
1,3-Butadiene	9.4	9.81	10	94%	98%	4.3%	
Bromomethane	10.2	9.3	10	102%	93%	9.2%	
Chloroethane	10	9.04	10	100%	90%	10.1%	
Vinyl Bromide	10.2	8.25	10	102%	83%	21.1%	2
Trichlorofluoromethane	9.2	9.86	10	92%	99%	6.9%	
Acetone	10.6	8.99	10	106%	90%	16.4%	
1,1-Dichloroethene	9.9	9.93	10	99%	99%	0.3%	
Methylene Chloride	9.83	8.04	10	98%	80%	20.0%	2
Carbon Disulfide	11	11.9	10	110%	119%	7.9%	
trans-1,2-Dichloroethene	10.2	10.5	10	102%	105%	2.9%	
Methyl-tert-butyl ether	10.3	10	10	103%	100%	3.0%	
1,1-Dichloroethane	9.62	9.52	10	96%	95%	1.0%	
Vinyl Acetate	10.2	10.1	10	102%	101%	1.0%	
N-Hexane	9.55	9.7	10	96%	97%	1.6%	
2-Butanone (MEK)	8.86	8.2	10	89%	82%	7.7%	
cis-1,2-Dichloroethene	9.74	9.98	10	97%	100%	2.4%	
Ethyl Acetate	9.23	8.52	10	92%	85%	8.0%	
Chloroform	9.61	9.86	10	96%	99%	2.6%	
Tetrahydrofuran	10.2	9.67	10	102%	97%	5.3%	
1,2-Dichloroethane	10.4	9.84	10	104%	98%	5.5%	
1,1,1-Trichloroethane	9.98	9.81	10	100%	98%	1.7%	
Carbon Tetrachloride	10	9.83	10	100%	98%	1.7%	
Benzene	10.4	10.5	10	104%	105%	1.0%	
Cyclohexane	10.6	10.6	10	106%	106%	0.0%	
1,2-Dichloropropane	9.87	9.7	10	99%	97%	1.7%	
Trichloroethene	10.5	10.6	10	105%	106%	0.9%	
Bromodichloromethane	10.8	10.3	10	108%	103%	4.7%	
1,4-Dioxane	11.3	11	10	113%	110%	2.7%	
Isooctane	9.61	9.58	10	96%	96%	0.3%	
N-Heptane	10	8.76	10	100%	88%	13.2%	
cis-1,3-Dichloropropene	11.5	11.3	10	115%	113%	1.8%	
4-Methyl-2-pentanone (MIBK)	9.67	9.37	10	97%	94%	3.2%	
trans-1,3-Dichloropropene	11.4	11.4	10	114%	114%	0.0%	
1,1,2-Trichloroethane	10.5	10.3	10	105%	103%	1.9%	
Toluene	10.4	9.82	10	104%	98%	5.7%	
2-Hexanone	10.3	9.74	10	103%	97%	5.6%	
Dibromochloromethane	9.63	9.94	10	96%	99%	3.2%	
1,2-dibromoethane (EDB)	10	10.5	10	100%	105%	4.9%	
Tetrachloroethene	9.31	9.96	10	93%	100%	6.7%	
Chlorobenzene	10.1	9.64	10	101%	96%	4.7%	
Ethylbenzene	9.78	10.1	10	98%	101%	3.2%	
m,p-Xylene	20.3	21	20	102%	105%	3.4%	
Bromoform	9.7	10.2	10	97%	102%	5.0%	

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Analytical Report

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Styrene	11.3	11.2	10	113%	112%	0.9%	
1,1,2,2-Tetrachloroethane	9.37	9.93	10	94%	99%	5.8%	
o-Xylene	10.1	9.92	10	101%	99%	1.8%	
4-Ethyltoluene	9.98	10.2	10	100%	102%	2.2%	
1,3,5-Trimethylbenzene	9.91	9.79	10	99%	98%	1.2%	
1,2,4-Trimethylbenzene	9.79	9.7	10	98%	97%	0.9%	
1,3-Dichlorobenzene	11.1	12.1	10	111%	121%	8.6%	
Benzyl Chloride	10.7	11.4	10	107%	114%	6.3%	
1,4-Dichlorobenzene	11	11.5	10	110%	115%	4.4%	
1,2-Dichlorobenzene	10.7	11.9	10	107%	119%	10.6%	
1,2,4-Trichlorobenzene	10.3	12.4	10	103%	124%	18.5%	
Hexachloro-1,3-butadiene	10.9	11.6	10	109%	116%	6.2%	
Naphthalene	10.2	12	10	102%	120%	16.2%	
4-bromofluorobenzene (surrogate)	105%	112%					
Analysis Date/Time:	7-2-20/18:30	7-2-20/19:14					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reporting limit is supported by MDL. TJG
2	RPD is biased high, but recoveries are within control. TJG 7/6/20

EnvisionAir Proj#: 2020-340 Page 1 of 2

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: SMA	P.O. Number:
Report Address: 7770 W. New York Indianapolis, IN	Project Name or Number: Franklin
Report To: P. Burns	Sampled by: S. Hoffel
Phone: 317-229-6680	QA/QC Required: (circle if applicable) Level III (Level IV)
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days (Std (5 bus. days))	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List (Specify in notes)

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☒
Indoor-Air: ☒

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
IA - 1	6LC	6-29-20	4:40	6-29-20	1200	X				16033	07254	29	8	-8	20-1555
SS - 1	↓	↓	4:39	↓	1245	X				14113	08011	30	9	-9	20-1556
IA - 2			4:50		1205	X				10346	08010	30	8	-8	20-1557
SS - 2			4:49		1240	X				11072	05299	30	8	-8	20-1558
IA - 3			5:04		1255	X				H3416	04187	30	9	-9	20-1559
SS - 3			5:03		1230	X				4660	05249	29	8	-8	20-1560
IA - 4			5:12		1310	X				11084	07309	30	9	-9	20-1561
SS - 4			5:11		1310	X				16104	05220	27	12	-12	20-1562
IA - 5			5:17		1315	X				11078	07436	30	10	-10	20-1563
SS - 5	↓	↓	5:16	↓	1315	X				14116	07458	29	12	-12	20-1564

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6.29.20	1414	[signature]	6/29/20	1414

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: SMA	P.O. Number:
Report Address: 7770 W. New York Indianapolis, IN	Project Name or Number: Franklin
Report To: P. Burns	Sampled by: S. Hoppe!
Phone: 317-229-6680	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List (Specify in notes)

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☒
Indoor-Air: ☒

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
IA-6	6LC	6-29-20	5:29	6-29-20	1322	X				A8052	04653	30	8	-8	20-1565
SS-6			5:32		1220	X				14114	07442	25	7	-7	20-1566
IA-7			5:34		1320	X				4664	05300	29	8	-8	20-1567
SS-7			5:36		1320	X				20494	07626	28	8	-8	20-1568
IA-8			5:45		1330	X				4685	03061	30	14	-14	20-1569
SS-8			5:48		1330	X				H3418	05724	30	10	-10	20-1570
Ambient			5:20		1315	X				16026	04144	30	8	-8	20-1571
DUP			4:51		1250	X				11069	02095	28	10	-10	20-1572

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	6.29.20	1414		6/29/20	1414