



Aptim Environmental & Infrastructure Inc.
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September 21, 2020

Ms. Candace Sykora, Hydrogeologist
Wisconsin Department of Natural Resources
1300 W. Clairemont Avenue
Eau Claire, WI 54701

Mr. Kevin Manley, President
State Bank of Arcadia
131 West Main Street
Arcadia, Wisconsin 54612

**Re: Supplement Site Investigation to Assess Vapor Plume
Former Dry Cleaner Building
Arcadia State Bank
127 Main Street
Arcadia, Wisconsin, 54612
WDNR BRRTS Nos. 02-62-259051**

Dear Ms. Sylora:

Aptim Environmental and Infrastructure (APTIM), on the behalf of State Bank of Arcadia, is presenting this Supplement Site Investigation Report for the former dry cleaner building located at the above referenced address (**Figure B.1.a**). On June 12, 2019, the Wisconsin Department of Natural Resources (WDNR) approved Change Order #6 to assess the vapor plume at the former dry cleaner building and adjacent structures. The site activities including indoor vapor sampling, crawl space and basement vapor sampling, sump sampling and reporting as outlined in the approved proposal dated June 7, 2019.

The supplemental investigation was conducted is in response to the WDNR letter dated August 9, 2018 addressed to Kevin Manley stating that the data provided in the Interim Remedial Action Plan Report to the WDNR, sent December 28, 2015, identified impacted vapors; however, the data was more than 3 years old and did not achieve the definition of extent and magnitude for vapor intrusion. The WDNR recommended that a sub-slab and soil-gas investigation be completed to define the extent and magnitude for the above referenced site and other potential receptors. Data obtained during this investigation will be used to assess the vapor plume and possible mitigation.

The following field activities were completed during cooling (March 2020) and heating (August 2020) seasons:

- Collected indoor air and ambient air samples from the first floor of the Tricor Insurance (formerly Westland Insurance), La Tapatia Restaurant, and Chasteen Insurance (former Barber Shop) buildings to assess the vapor intrusion pathway. Unable to gain access to the Bawek's Shoes building.
- Collected indoor air samples from the crawl space and/or basement of the Tricor Insurance and La Tapatia Restaurant buildings to assess the vapor intrusion pathway. These buildings were constructed with a crawl space and earthen floor that were submerged at the time of inspections

due to naturally high water table; therefore, indoor air samples were collected in lieu of sub-slab samples.

- Collected soil vapor samples on the northwest side of the Tricor Insurance building to assess residual chlorinated volatile organic compounds (CVOCs) in the shallow soils.
- Collected the water samples from the sumps located in the crawl spaces of the Tricor Insurance and La Tapatia Restaurant buildings.
- Collected soil samples from five soil borings located along the west and north sides of the Tricor Insurance building to assess vapor migration in these areas. Soil vapor samples were collected only during the March 2020 field activities.

All indoor vapor, crawl space, and sump samples were collected during the cooling and heating seasons. The cool season samples were collected on March 2 and 3, 2020. During the March 2020 sampling event, the weather was in the low 30's, Partly cloudy with light snow on the ground. The warm season samples were collected on August 6, 2020. During the August 2020 sampling event, the weather was in the 70's and partly cloudy. The sample locations for the completed field activities are illustrated in **Figure B.4.a**. Documentation of the field activities are provided in **Attachment A**.

Indoor Air Vapor Sampling Activities

On March 2, 2010 and August 6, 2020, indoor air and crawl space samples were collected at the Tricor Insurance, La Tapatia Restaurant, and Chasteen Insurance (former Barber Shop) buildings to evaluate the potential for vapor intrusion. In addition, one ambient air sample was collected during each event on the west side of the Tricor Insurance to establish background. Vapor samples were collected in 6-liter summa canisters that draw air into the canister under the influence of the canister's vacuum. Each canister was fitted with a flow controller that provides an 8-hour time-weighted average concentration. The data tables for the indoor air and the crawl space vapor samples were updated to compare the results to the November 2017 United States Environmental Protection Agency (USEPA) Regional Screening Level Tables. The vapor sample locations are illustrated in **Figure B.4.a**.

The CVOCs concentrations in the indoor air samples collected from the first floor of these buildings were below the Wisconsin Vapor Action Levels (VALs) commercial Target Indoor Air screening levels. Tetrachlorethene (PCE) concentrations in the La Tapatia Restaurant crawl space sample collected on August 6, 2020 (warming season) exceeded the commercial VALs Target Indoor Air screening level of 180 $\mu\text{g}/\text{m}^3$, but was below the sub-slab commercial Target Soil Gas concentration of 6,000 $\mu\text{g}/\text{m}^3$. All other detected VOC concentrations were below their respective commercial Target Soil Gas screening levels.

The indoor air, crawl space and basement vapor analytical data are summarized in **Table A.4.a**.

Sump Sampling Activities

On March 2, 2010 and August 6, 2020, the crawl space/basement located beneath the Tricor Insurance and La Tapatia Restaurant were inspected for the collection of soil gas samples. Saturated soils and standing water were observed in the crawl space/basements during both sampling events. Water samples

were collected from the sumps beneath the target buildings where sufficient volumes were present. On August 8, 2020, an insufficient quantity of water was present in the crawl space beneath the La Tapatia Restaurant to collect a water sample. The sump samples were collected in the same vicinity as the crawlspace samples illustrated in **Figure B.4.a**.

The water samples from each crawl space/basement sumps were collected into laboratory supplied jars for VOC analysis by EPA Method 8260 by Pace Analytical of Green Bay, Wisconsin. The water data from the crawl space/basement sampling are presented on **Table A.1**. The laboratory analytical report is provided in **Attachment B**.

During the March 2, 2020 sampling event, all of the target CVOCs were below their respective analytical detection limits in the water sample collected from the sump beneath the Tricor Insurance building. Concentrations of PCE (58.7 µg/L) exceeded the USEPA MCL of 5 µg/L in the water sample collected from the crawl space beneath the La Tapatia Restaurant. All other concentrations of CVOC were below their respective EPA MCLs.

During the August 6, 2020 sampling event, all of the target CVOCs were below their respective analytical detection limits in the water sample collected from the sump beneath the Tricor Insurance building. An insufficient volume of water was present in the crawl space beneath the La Tapatia Restaurant to collect a water sample.

The sump and crawl space water analytical data are summarized in **Table A.4.a**.

Soils Vapor Data Activities

On March 3, 2020, soil samples were collected from the interval near the groundwater interface at five locations adjacent to the west side of the Tricor Insurance building. The depth to groundwater was measure at 3.44 feet below top of casing at MW-24. Soil gas probes were installed to approximately 4 feet bgs for soil gas collection. Soil gas samples were collected in 6-liter summa canisters that draw air into the canister under the influence of the canister's vacuum. Each canister was fitted with a flow controller that provides an 30-minute time-weighted average concentration. The locations of the soil gas sampling points and the site layout are illustrated in **Figure B.1.b**.

All CVOCs concentrations were below their respective Wisconsin VALs commercial Target Indoor Air screening levels. The soil sample analytical data are summarized in **Table A.4.b**.

Summary

The results of the vapor assessment that was conducted in the Tricor Insurance building and adjacent buildings to include the La Tapatia Restaurant and Chasteen Insurance (former Barber Shop) buildings indicated that the underlying impact groundwater does not pose an exposure risk exceeding the Wisconsin VALs commercial Target Indoor Air screening levels to occupants in the respective buildings. The only exceedance that was detected was in the crawl space of the La Tapatia Restaurant. PCE was detected in the air vapor (223 µg/m³) and sump water (58.7 µg/L) at concentrations that exceeded the Wisconsin VALs commercial Target Indoor Air screening level of 180 µg/m³ and the USEPA MCL for groundwater of 5 µg/L. The maximum PCE concentration detected in the indoor air sample collected at the La Tapatia

Restaurant was 13.9 $\mu\text{g}/\text{m}^3$ which was below the Wisconsin VALs commercial Target Indoor Air screening levels for air vapor. All other target CVOCs were either below the laboratory analytical detection limits or below their respective Wisconsin VALs commercial Target Indoor Air screening levels for air vapor or USEPA MCL for groundwater.

All CVOCs concentrations in the soil gas in the area adjacent to the west and north side of the Westland Insurance building were below the Wisconsin VALs commercial Target Indoor Air screening levels.

Closing

Based on the findings of this vapor investigation, an indoor vapor mitigation system is not recommended for the Tricor Insurance, La Tapatia Restaurant, or Chasteen Insurance (former Barber Shop) buildings.

If you have any questions, please contact me at (913) 317-3591.

Sincerely,



Mark Finney
Project Manager
Aptim Environmental & Infrastructure, Inc.

Please Reply To: Mark Finney
Phone: 913-317-3591
E-Mail Address: Mark.Finney@Aptim.com

c: Mr. Kevin Manley, President, State Bank of Arcadia

Tables

Table A.1
Water Concentration of Detected VOC Compounds
Former Dry Cleaner Building
127 Main Street
Arcadia, Wisconsin

Sample Location	MCL	Tricor Insurance ¹				La Tapatia Restaurant		Trip Blank	
		Crawl	Sump	Crawl	Sump	Crawlspace		1st Floor	
Sample Date		3/2/2020	3/2/2020	8/6/2020	8/6/2020	3/2/2020	8/6/2020	3/2/2020	8/6/2020
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Bromodichloromethane		NS ²	0.80J	1.4	1.3	ND	NS ¹	ND	ND
Chloroform	70	NS ²	ND	2.0J	1.9J	ND	NS ¹	ND	ND
cis-1,2-Dichloroethene	70	NS ²	ND	ND	ND	1.9	NS ¹	ND	ND
Tetrachloroethene (PCE)	5	NS ²	ND	ND	ND	58.7	NS ¹	ND	ND
Trichloroethene (TCE)	5	NS ²	ND	ND	ND	0.61J	NS ¹	ND	ND

NOTES:

µg/L= micrograms per liter

AF - Attenuation Factor

ND= not detected

NES = No Standard Available

J = Estimated concentration at or above LOD and below the LOQ

NS¹ - insufficient quantity of water to collect a sample

NS² - water too deep to access

Tricor Insurance¹ - formerly Westland Insurance

Table A.4.a
Indoor/Subslab Vapor Concentration of Detected VOC Compounds
Former Dry Cleaner Building
127 Main Street
Arcadia, Wisconsin

Sample Location Sample Date Units	Ambient Air and Sub-Slab Soil Gas Samples		Tricor Insurance ¹						Outdoor Ambient		Chasteen Insurance ¹		La Tapatia Restaurant			
	Commercial Target Indoor Air Concentration	Commercial Target Sub-Slab Soil Gas	1st Floor		Basement		Crawlspace		3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³	3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³	1st Floor		Crawlspace	
			3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³	3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³	3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³					3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³	3/2/2020 ³ µg/m ³	8/6/2020 ³ µg/m ³
Acetone	NES	NES	22.2	42.7	11.9	15	16.3	11.7	6.9	12.1	33.7	61.3	24.5	81.3	7.4	22.3
Benzene	16	530	0.99	2.8	1.4	2.2	0.75	2.3	ND	ND	1.1	0.79	0.61	0.62	ND	ND
Bromodichloromethane	NES	NES	ND	ND	ND	6.7	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NES	NES	ND	7	ND	5.6	ND	ND	ND	ND	ND	6.7	ND	13.4	ND	5.3
Chloroform	5.3	180	ND	2.4	ND	11	ND	8	ND	ND	ND	ND	ND	2.4	ND	ND
Chloromethane	390	1300	1.1	1.2	ND	1	ND	0.95	1.1	0.87	ND	1.6	1.7	1	ND	0.98
Cyclohexane	NES	NES	ND	ND	3.5	4.5	ND	4.5	ND	ND	5	6.3	ND	ND	ND	ND
1,4-Dichlorobenzene	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8	ND	ND	ND	ND
Dichlorodifluoromethane	440	15000	2.9	2.5	3.6	2.7	3.3	2.9	3.1	3.4	5.1	6.5	3.3	2.4	3.2	2.4
1,2-Dichloroethane (1,2-DCA)	4.7	160	ND	8.3	0.76	5.7	ND	5.8	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	6.1
Ethanol	NES	NES	42.6	257	19.1	15.2	15.3	22.6	8.5	17.3	422	263	327	200	6.5	7.9
Ethyl Acetate	NES	NES	ND	3.7	ND	ND	ND	ND	ND	ND	ND	3.3	ND	1.4	ND	ND
Ethylbenzene	49	1600	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptane	NES	NES	1.7	4.6	2.2	2.2	ND	ND	ND	ND	2	2.5	1.7	5.7	ND	ND
Hexane	2600	NES	1.4	4.9	1.8	4.1	1.8	4.3	ND	ND	2.2	1.7	ND	1.7	ND	ND
Methylene Chloride	NES	87000	ND	ND	ND	ND	15.4	ND	ND	5.8	12.8	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Propanol	NES	NES	ND	5.5	ND	ND	ND	ND	ND	ND	9.5	44.4	4.8	8.5	ND	ND
Propylene	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	2.8	ND	ND	ND
Tetrachloroethene (PCE)	180	6000	63.4	92.7	78.9	96.9	61.7	93.8	ND	1.7	2	ND	13.5	13.9	139	223
Tetrahydrofuran	NES	NES	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND
Toluene	22000	730000	4.7	13.2	7.1	7.8	2.7	8.3	ND	ND	6.8	11.6	ND	1.5	ND	ND
Trichloroethene (TCE)	8.8	290	ND	0.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
Trichlorofluoromethane	NES	NES	3	5.7	2.6	3.8	2.7	3.9	ND	ND	17.7	38.2	2.2	ND	ND	2.2
1,2,4-Trimethylbenzene	260	8700	ND	2.5	1.9	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND
1,3,5-Trimethylbenzene	260	8700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (m,p)	440	15000	3	6.5	4.9	4.8	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (o)	440	15000	ND	2.3	1.7	2.2	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
µg/m³= micrograms per cubic meter

AF - Attenuation Factor

ND= not detected

NES = No Standard Available

Indoor Air Vapor Action Levels and Vapor Risk Screening Levels are based on November 2017 USEPA Regional Screening Level Table

Wisconsin Vapor Action Levels (VALs) are based on a Hazard Index (HI) = 1 and/or cRCL = 1x 10⁻⁵ for carcinogens.

Tricor Insurance¹ - formerly Westland Insurance

Chasteen Insurance¹ - formerly Barber Shop

Table A.4.b
Soil Gas Concentration of Detected VOC Compounds
Former Dry Cleaner Building
127 Main Street
Arcadia, Wisconsin

Sample Location Sample Date Units	Ambient Air and Sub-Slab Soil Gas		SG-1 3/3/2020 µg/m ³	SG-2 3/3/2020 µg/m ³	SG-3 3/3/2020 µg/m ³	SG-4 3/3/2020 µg/m ³	SG-5 3/3/2020 µg/m ³
	Commercial Target Indoor Air Concentration	Commercial Target Sub-Slab Soil Gas					
Acetone	NES	NES	51.3	78.5	86.1	39.4	81.7
Benzene	16	530	1.1	0.66	0.95	1.2	0.56
2-Butanone (Methyl Ethyl Ketone)	NES	NES	16.9	31	30.9	12.8	21.1
Carbon Disulfide	NES	NES	ND	0.94	ND	ND	ND
Dichlorodifluoromethane	440	15000	2.7	4.6	2.7	2.8	2.6
Ethanol	NES	NES	27.7	34	26.2	15.8	31.7
Ethyl Acetate	NES	NES	1.1	ND	ND	ND	1.9
Ethylbenzene	49	1600	13.2	9.6	10.5	11.6	4.9
4-Ethyltoluene	NES	NES	ND	3.8	ND	ND	ND
Heptane	NES	NES	2.2	1.4	1.9	2	1.4
Hexane	NES	NES	3.8	4.9	5.7	2.7	4.2
4-Methyl-2-pentanone	NES	NES	22	29.3	23	10.9	18.2
2-Propanol	NES	NES	5.6	14.4	5.5	ND	5.8
Propylene	NES	NES	5.8	ND	ND	40.9	ND
Styrene	NES	NES	8.6	7.3	8	7.8	5.7
Tetrachloroethene (PCE)	180	6000	ND	1	6	16.9	17.3
Tetrahydrofuran	NES	NES	2.6	2.1	3	2.6	2.9
Toluene	22000	730000	72.3	38	55.3	64.8	22.8
Trichlorofluoromethane	NES	NES	ND	ND	1.7	ND	1.7
1,2,4-Trimethylbenzene	260	8700	9.7	12.5	12.6	13.3	9.4
1,3,5-Trimethylbenzene	260	8700	3.5	4.6	3.9	4.2	3
Xylenes (m,p)	440	15000	57.7	48.1	46.1	50.2	23.5
Xylenes (o)	440	15000	15.3	13.2	13.7	15	7.2

NOTES:

µg/m³ = micrograms per cubic meter

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Indoor Air Vapor Action Levels and Vapor Risk Screening Levels are based on November 2017 USEPA Regional Screening Level Table

Wisconsin Vapor Action Levels (VALs) are based on a Hazard Index (HI) = 1 and/or cRCL = 1x 10⁻⁵ for carcinogens.

Figures

TOP! map printed on 09/03/08 from "Untitled.tp"

91°31.000' W

91°30.000' W

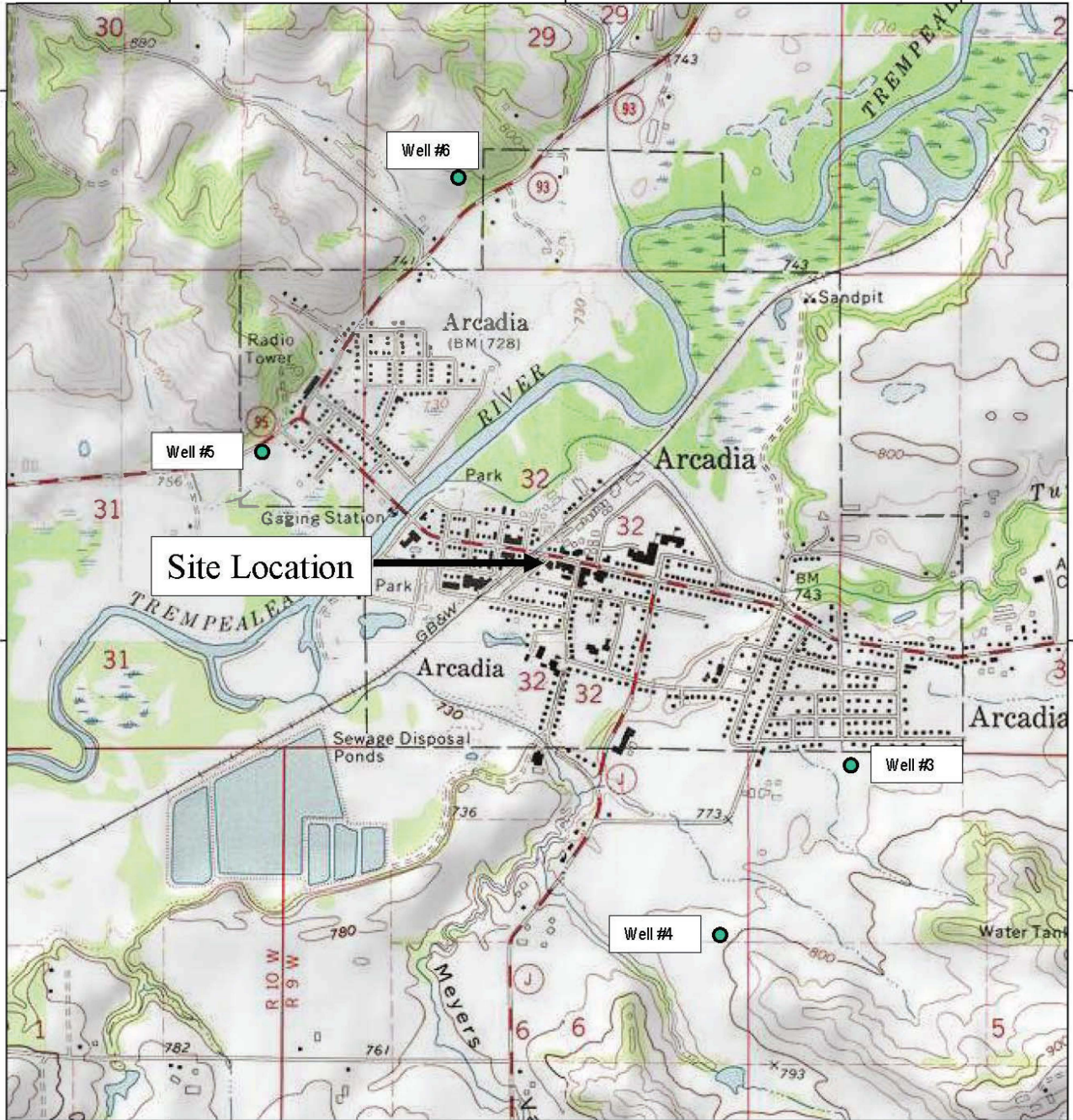
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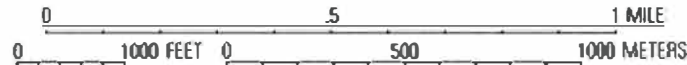
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WGS84 91°29.000' W

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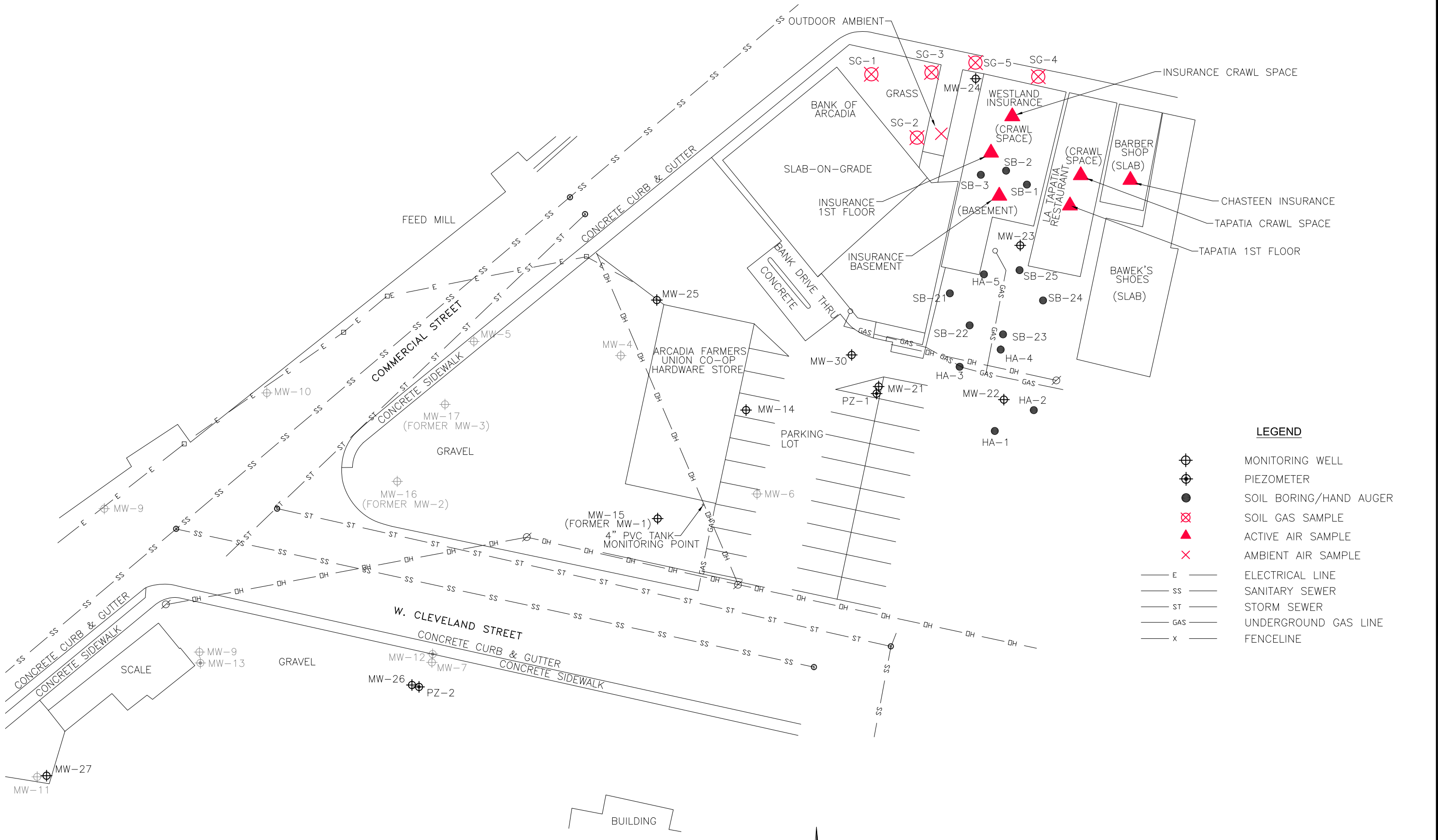


Map created with TOPO! © 2003 National Geographic (www.nationalgeographic.com/topo)








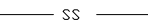






Former Dry Cleaner Arcadia, WI		FIGURE NO. B.1.a
SITE LOCATION MAP		

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LEGEND

-  MONITORING WELL
-  PIEZOMETER
-  SOIL BORING/HAND AUGER
-  SOIL GAS SAMPLE
-  ACTIVE AIR SAMPLE
-  AMBIENT AIR SAMPLE
-  ELECTRICAL LINE
-  SANITARY SEWER
-  STORM SEWER
-  UNDERGROUND GAS LINE
-  FENCELINE

		TITLE			
CLIENT		ARCADIA CO-OP ASSOC.			
LOCATION		FORMER DRY CLEANER Arcadia, Wisconsin			
DRWN	CHKD	REVD	APPRVD	PROJECT	FIGURE NO.
JRD	MF	BY	BY	NO.	-
		REVISION	DATE	DATE	09/15/20
					B.4.a

Attachment A
Field Notes

142 Location Arcadia, WI Date 3/2/2020
Project / Client Former Dry Cleaner
631009876

Personnel: JMS

Weather: 30's, cloudy

Objective: Collect active air samples

- (1) Westland Insurance 1st floor (Now Tricor Insurance)
- (1) Westland Basement
- (1) Westland crawl space
- (1) La Tapatia Restaurant 1st floor
- (2) La Tapatia crawl space
- (1) Barber shop 1st floor (Now Chasteen Insurance)
- (1) Outdoor ambient air

0715: Arrived on site. Checked in with Kevin Manely at bank. Gained access to crawl space/basement. Talked to admin assistant at Tricor. Other businesses not open yet.

143 Location Arcadia, WI Date 3/2/2020
Project / Client _____

Air Samples

Sample	Canister	Flow Control	Initial Vacuum	Final Vacuum	Sample Time	End time
Insurance 1st	2183	1060	30	6	0815	1605
Insurance basement	1201	2278	30	6.5	0810	1600
Insurance crawl	950	20434	30	6	0800	1555
Outdoor ambient	3608	1807	30	5.5	0830	1610
Chasteen Ins.	1639	0306	30	11	0905	1625
Tapatia Crawl space	1056	2499	30	8	1000	1735
Tapatia 1st floor	1263	0318	30	7	1005	1740

Water

Sample	Sample Time
Insurance Sump	0900
Tapatia Crawl space	1020

Removed before 8 hrs elapsed, business was about to close at 16:30.

- Sump beneath the former Westland Ins. (Now Tricor Ins.) is damp but empty. However, water is flowing from the crawl space into sump, water sample was collected from there.
- Only one canister placed in La Tapatia crawl space. w/ft of water, can't move around. Crawl space is only about 20x20!

Location Arcadia, WI Date 3/3/2020Project / Client Former Dry Cleaner631009876

Personnel: JMS (APTIM), Matt (Geoserve)

Weather: 30's, partly cloudy, Light snow overnight

Objective: Advance 5 soil gas samples (30 min)
north of buildings along Main St.0710: Arrived on site. Gaged MW-24
to determine depth to groundwater.

TOC to groundwater: 3.47 ft

bgs : ~4.0 ft

0730: Geoserve on site. Checking utilities
and setting up to install soil gas probes

Sample	canistr	Flow Control	Initial Vacuum	Final Vacuum	Sample Time
SG-1	0727	0679	29	3	1140
SG-2	0676	1609	28.5	3	1135
SG-3	1061	0727	29	3	1130
SG-4	2165	0776	28.5	3	1120
SG-5	2300	0616	28	3	1125

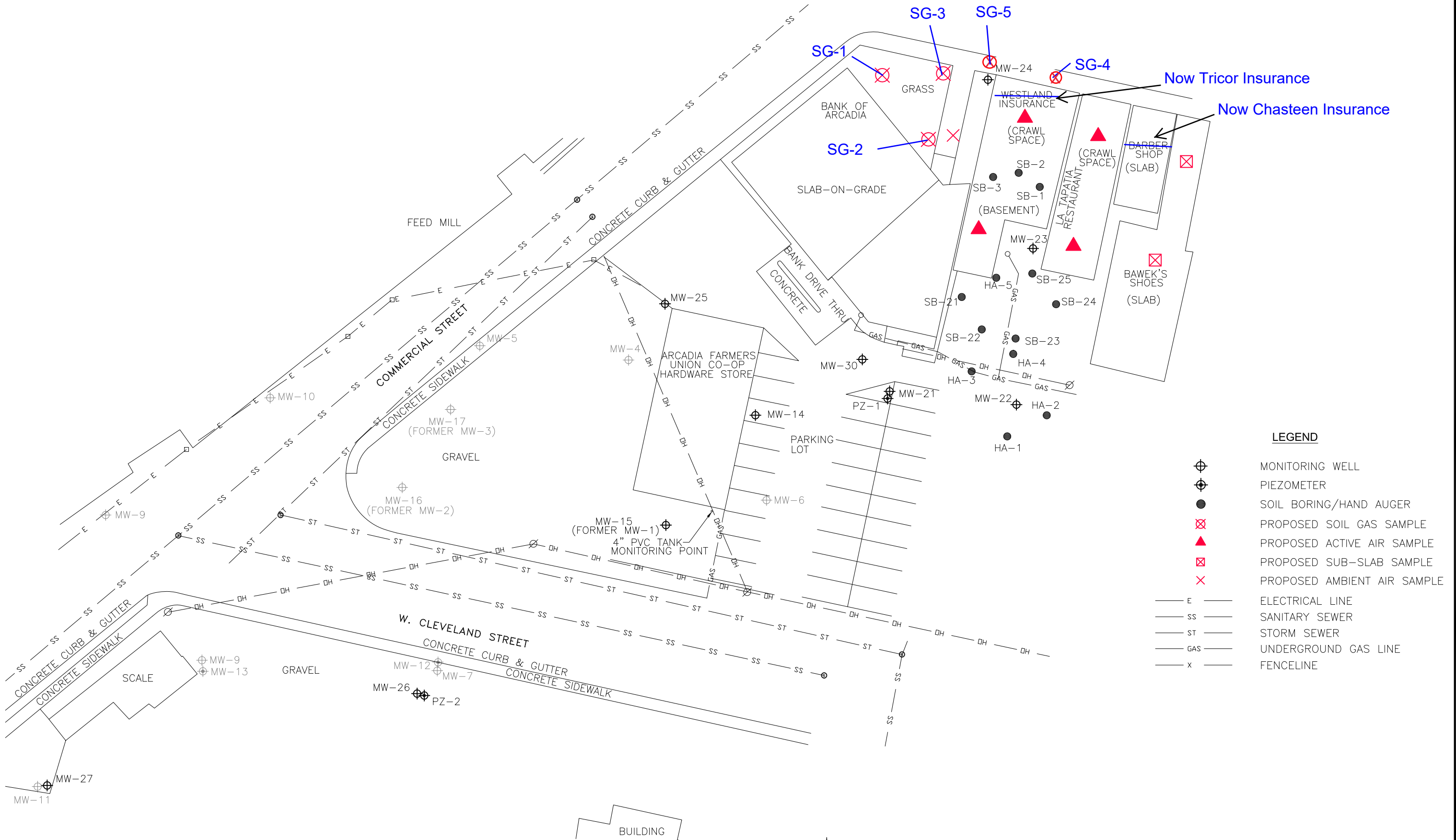
1240: Leaving site

Location Arcadia, WI

Date _____

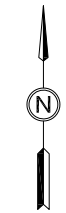
Project / Client _____

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LEGEND

- MONITORING WELL
- PIEZOMETER
- SOIL BORING/HAND AUGER
- PROPOSED SOIL GAS SAMPLE
- PROPOSED ACTIVE AIR SAMPLE
- PROPOSED SUB-SLAB SAMPLE
- PROPOSED AMBIENT AIR SAMPLE
- ELECTRICAL LINE
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND GAS LINE
- FENCELINE



		TITLE			
CLIENT		ARCADIA CO-OP ASSOC.			
LOCATION		FORMER DRY CLEANER Arcadia, Wisconsin			
DRWN	CHKD	REVD	APPRVD	PROJECT	FIGURE NO.
JRD	MF	BY	BY	NO.	-
		REVISION	DATE	DATE	02/07/19
					B.4.a



AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40255

Page: of

Section A Required Client Information: Company: <u>APTIM</u> Address: Email To: <u>Mark.Finney@aptim.com</u> Phone: <u>816-809-3256</u> Fax: Requested Due Date/TAT:	Section B Required Project Information: Report To: <u>Mark Finney</u> Copy To: Purchase Order No.: Project Name: <u>Arcadia</u> Project Number: <u>231009876</u>	Section C Invoice Information: Attention: Company Name: Address: Pace Quote Reference: Pace Project Manager/Sales Rep.: Pace Profile #:	Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other Location of Sampling by State _____ Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____ Report Level I. _____ II. _____ III. _____ IV. _____ Other _____
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ITEM #	'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10 3C - Fixed Gas (%) TO-3 BTEX TO-3M (Methane) TO-14 TO-15 Full List VOCs TO-15 Short List BTEX TO-15 Short List Chlorinated TO-15 Short List (Other)	Pace Lab ID
					COMPOSITE START		COMPOSITE - END/GRAB							
					DATE	TIME	DATE	TIME						
1	Insurance 1st floor	6LC			3/2/20	815	3/2/20	1605	30	6	2183	1060		X
2	Insurance basement	6LC			3/2/20	810	3/2/20	1600	30	6.5	1201	2278		X
3	Insurance crawlspace	6LC			3/2/20	800	3/2/20	1555	30	6	950	0434		X
4	outdoor ambient	6LC			3/2/20	830	3/2/20	1610	30	5.5	3608	1807		X
5	Chastain Insurance	6LC			3/2/20	905	3/2/20	1625	30	11	1639	0306		X
6	Tapatia Crawlspace	6LC			3/2/20	1000	3/2/20	1735	30	8	1056	2499		X
7	Tapatia 1st floor	6LC			3/2/20	1005	3/2/20	1740	30	7	1263	0318		X
8														
9														
10														
11														
12														

Comments :	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<u>Paul H APTIM</u>	<u>3/2/20</u>						Y/N	Y/N	Y/N
								Y/N	Y/N	Y/N
								Y/N	Y/N	Y/N
							Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <u>Jared Schmitt</u> SIGNATURE of SAMPLER: <u>[Signature]</u> DATE Signed (MM/DD/YY) <u>03/03/20</u>										

4



AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40254

Page: of

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Program	
Company: APTIM		Report To: Mark Finney		Attention:		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Address:		Copy To:		Company Name:		Location of Sampling by State _____ Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____	
Email To: mark.finney@aptim.com		Purchase Order No.:		Address:		Report Level <u>II</u> <u>III</u> <u>IV</u> <u>Other</u>	
Phone: 612-809-3256 Fax:		Project Name:		Pace Quote Reference:		Location of Sampling by State _____ Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____	
Requested Due Date/TAT:		Project Number: 631007876		Pace Project Manager/Sales Rep.:		Report Level <u>II</u> <u>III</u> <u>IV</u> <u>Other</u>	
				Pace Profile #: 39447			

ITEM #	'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE	CODE	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:								Pace Lab ID			
						COMPOSITE START		COMPOSITE - END/GRAB						PMT10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated				
						DATE	TIME	DATE	TIME																
1	SG-1	GLC				3/3/20	1140			29	3	0727	0679												
2	SG-2	GLC				3/3/20	1135			28.5	3	0676	1609												
3	SG-3	GLC				3/3/20	1130			29	3	1061	0727												
4	SG-4	GLC				3/3/20	1120			28.5	3	2165	0776												
5	SG-5	GLC				3/3/20	1125			28	3	2300	0616												
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Comments :	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS							
	<i>SG-1-5 with APTIM</i>	3/3/20					Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	Y/N	Y/N	Y/N	Y/N
											Y/N	Y/N	Y/N	Y/N
											Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C
PRINT Name of SAMPLER: <i>Jared Schmidt</i>		
SIGNATURE of SAMPLER: <i>Jared Schmidt</i>		
DATE Signed (MM / DD / YY) <i>03/03/20</i>		

4

(Please Print Clearly)

Company Name: **APTIM**
 Branch/Location: **WI**
 Project Contact: **Mark Finney**
 Phone: **816-809-3256**
 Project Number: **631009876**
 Project Name: **Arcadia**
 Project State: **WI**
 Sampled By (Print): **Jared Schmidt**
 Sampled By (Sign): *[Signature]*
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	COLLECTION																	
			DATE	TIME	MATRIX															
N	B	VOC																		
		4-cvoc																		

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
	Insurance Sump	3/2/20	0900	W	X		
	Tapatia Crawlspace	3/2/20	1020	W	X		
	Trp Blank	3/2/20		W	X		

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Transmit Prelim Rush Results by (complete what you want): _____

Relinquished By: <i>[Signature]</i> Date/Time: 3/4/20	Received By: <i>[Signature]</i> Date/Time: 3/4/20 911	PACE Project No. _____ Receipt Temp = _____ °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	

Samples on HOLD are subject to special pricing and release of liability

Location Arcadia, WI Date 3/3/2020Project / Client Former Dry Cleaner631009876

Personnel: JMS (APTIM), Matt (Geoserve)

Weather: 30's, partly cloudy. Light snow overnight

Objective: Advance 5 soil gas samples (30 min) north of buildings along Main St.

0710: Arrived on site. Gaged MW-24 to determine depth to groundwater.

TOC to groundwater: 3.47 ft

bgs : ~4.0 ft

0730: Geoserve on site. Checking utilities and setting up to install soil gas probes

Sample	Canister	Flow Control	Initial Vacuum	Final Vacuum	Sample Time
SG-1	0727	0679	29	3	1140
SG-2	0676	1609	28.5	3	1135
SG-3	1061	0727	29	3	1130
SG-4	2165	0776	28.5	3	1120
SG-5	2300	0616	28	3	1125

1240: Leaving site

Location Arcadia, WI Date 8/6/2020Project / Client Former Dry Cleaner631009876

Personnel: JMS (APTIM)

Weather: 70s, partly cloudy

Objective: Collect air samples and sump/crawlspace water samples.

0720: Arrived on site, contacted Kevin Mandly at bank to get access to crawlspace.

Sample	Canister	Flow Control	Initial Vacuum	Final Vacuum	Sample Time	End Time
Insurance 1st	2087	0647	30	5.5	0755	1535
Insurance Basement	2192	0400	29	5	0800	1525
Insurance Crawl	2745	0394	29	3	0805	1527
Outdoor Ambient	1508	1015	29.5	3	0810	1500
Christeen Ins.	2135	0374	29.5	5	0905	1551
Tapatia Crawl	2684	0280	30	8	0935	1605
Tapatia 1st	2323	2604	30	7	0930	1600

Water Samples

Sample	Sample Time
Insurance Sump	0840
Insurance 2	0850 ← Dup of Insurance Sump
Tapatia	0915 → No sample collected, insufficient water in crawlspace

0950: Abandoned soil gas probes.

1110: Leaving site



AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

41585

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Program	
Company: <u>APTIM</u>		Report To: <u>Mark Finney</u>		Attention:		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Address:		Copy To:		Company Name:		Location of Sampling by State _____	
Email To: <u>Mark Finney@aptim.com</u>		Purchase Order No.:		Address:		Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____	
Phone: <u>616-809-3256</u> Fax:		Project Name: <u>A. C. India</u>		Pace Quote Reference:		Report Level <u>II</u> <u>III</u> <u>IV</u> Other _____	
Requested Due Date/TAT:		Project Number: <u>231009876</u>		Pace Project Manager/Sales Rep.:		Pace Profile #: <u>39447</u>	

ITEM #	Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10 3c - Fixed Gas (%) TO-3 BTEX TO-3M (Methane) TO-14 TO-15 Full List VOCs TO-15 Short List BTEX TO-15 Short List Chlorinated Other	Pace Lab ID
					COMPOSITE START		COMPOSITE - END/GRAB							
					DATE	TIME	DATE	TIME						
1	Insurance 1st Floor		LC		8/6/20	0755	8/6/20	1535	30	6	2087	0047	X	
2	Insurance Basement		LC		8/6/20	0800	8/6/20	1535	29	5	2192	0400	X	
3	Insurance Crawlspace		LC		8/6/20	0805	8/6/20	1535	29	3	2745	0394	X	
4	Outdoor Ambient		LC		8/6/20	0810	8/6/20	1500	243	3	1508	1015	X	
5	Charleston Insurance		LC		8/6/20	0905	8/6/20	1551	215	5	2135	0374	X	
6	Tapestry Crawlspace		LC		8/6/20	0935	8/6/20	1605	30	8	2684	0280	X	
7	Tapestry 1st Floor		LC		8/6/20	0930	8/6/20	1605	30	7	2323	2604	X	
8														
9														
10														
11														
12														

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<u>JS LHA APTIM</u>	<u>8/6/20</u>	<u>1100</u>				Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Janet Schmitt
 SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY) 08/06/20

4

(Please Print Clearly)

Company Name: APTIM
 Branch/Location: WI
 Project Contact: Mark Finney
 Phone: 816-809-3256
 Project Number: 63100 9876
 Project Name: Arcadia
 Project State: WI
 Sampled By (Print): Jared Schmidt
 Sampled By (Sign): JAS
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested																		
N	B	VOC																		

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested													
		DATE	TIME																	
	Insurance Sump	8/6/20	0840	W	X															
	Insurance 2	8/6/20	0850	W	X															
	Trip Blank	8/6/20		W	X															

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Relinquished By: <u>JAS</u> Date/Time: <u>8/7/2020</u>	Received By: <u>JAS</u> Date/Time: <u>8/7/20 0915</u>	PACE Project No. _____ Receipt Temp = _____ °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

Attachment B
Laboratory Reports

March 12, 2020

Mark Finney
APTIM
8725 Rosehill Road
Suite 450
Lenexa, KS 66215


RE: Project: 631009876 Arcadia
Pace Project No.: 10510681

Dear Mark Finney:

Enclosed are the analytical results for sample(s) received by the laboratory on March 05, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Missouri Certification #: 10100
Arizona Certification #: AZ0014	Montana Certification #: CERT0092
Arkansas DW Certification #: MN00064	Nebraska Certification #: NE-OS-18-06
Arkansas WW Certification #: 88-0680	Nevada Certification #: MN00064
California Certification #: 2929	New Hampshire Certification #: 2081
CNMI Saipan Certification #: MP0003	New Jersey Certification #: MN002
Colorado Certification #: MN00064	New York Certification #: 11647
Connecticut Certification #: PH-0256	North Carolina DW Certification #: 27700
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Carolina WW Certification #: 530
Florida Certification #: E87605	North Dakota Certification #: R-036
Georgia Certification #: 959	Ohio DW Certification #: 41244
Guam EPA Certification #: MN00064	Ohio VAP Certification #: CL101
Hawaii Certification #: MN00064	Oklahoma Certification #: 9507
Idaho Certification #: MN00064	Oregon Primary Certification #: MN300001
Illinois Certification #: 200011	Oregon Secondary Certification #: MN200001
Indiana Certification #: C-MN-01	Pennsylvania Certification #: 68-00563
Iowa Certification #: 368	Puerto Rico Certification #: MN00064
Kansas Certification #: E-10167	South Carolina Certification #: 74003001
Kentucky DW Certification #: 90062	Tennessee Certification #: TN02818
Kentucky WW Certification #: 90062	Texas Certification #: T104704192
Louisiana DEQ Certification #: 03086	Utah Certification #: MN00064
Louisiana DW Certification #: MN00064	Vermont Certification #: VT-027053137
Maine Certification #: MN00064	Virginia Certification #: 460163
Maryland Certification #: 322	Washington Certification #: C486
Massachusetts Certification #: M-MN064	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 631009876 Arcadia

Pace Project No.: 10510681

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10510681001	SG-1	Air	03/03/20 11:40	03/05/20 11:25
10510681002	SG-2	Air	03/03/20 11:35	03/05/20 11:25
10510681003	SG-3	Air	03/03/20 11:30	03/05/20 11:25
10510681004	SG-4	Air	03/03/20 11:20	03/05/20 11:25
10510681005	SG-5	Air	03/03/20 11:25	03/05/20 11:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 631009876 Arcadia

Pace Project No.: 10510681

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10510681001	SG-1	TO-15	NCK	61
10510681002	SG-2	TO-15	NCK	61
10510681003	SG-3	TO-15	NCK	61
10510681004	SG-4	TO-15	NCK	61
10510681005	SG-5	TO-15	NCK	61

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10510681

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10510681001	SG-1					
TO-15	Acetone	51.3	ug/m3	3.5	03/11/20 23:16	
TO-15	Benzene	1.1	ug/m3	0.47	03/11/20 23:16	
TO-15	2-Butanone (MEK)	16.9	ug/m3	4.3	03/11/20 23:16	
TO-15	Dichlorodifluoromethane	2.7	ug/m3	1.5	03/11/20 23:16	
TO-15	Ethanol	27.7	ug/m3	2.8	03/11/20 23:16	
TO-15	Ethyl acetate	1.1	ug/m3	1.1	03/11/20 23:16	
TO-15	Ethylbenzene	13.2	ug/m3	1.3	03/11/20 23:16	
TO-15	n-Heptane	2.2	ug/m3	1.2	03/11/20 23:16	
TO-15	n-Hexane	3.8	ug/m3	1.0	03/11/20 23:16	
TO-15	4-Methyl-2-pentanone (MIBK)	22.0	ug/m3	6.0	03/11/20 23:16	
TO-15	2-Propanol	5.6	ug/m3	3.6	03/11/20 23:16	
TO-15	Propylene	5.8	ug/m3	0.50	03/11/20 23:16	
TO-15	Styrene	8.6	ug/m3	1.2	03/11/20 23:16	
TO-15	Tetrahydrofuran	2.6	ug/m3	0.86	03/11/20 23:16	
TO-15	Toluene	72.3	ug/m3	1.1	03/11/20 23:16	
TO-15	1,2,4-Trimethylbenzene	9.7	ug/m3	1.4	03/11/20 23:16	
TO-15	1,3,5-Trimethylbenzene	3.5	ug/m3	1.4	03/11/20 23:16	
TO-15	m&p-Xylene	57.7	ug/m3	2.5	03/11/20 23:16	
TO-15	o-Xylene	15.3	ug/m3	1.3	03/11/20 23:16	
10510681002	SG-2					
TO-15	Acetone	78.5	ug/m3	3.5	03/11/20 23:45	
TO-15	Benzene	0.66	ug/m3	0.47	03/11/20 23:45	
TO-15	2-Butanone (MEK)	31.0	ug/m3	4.3	03/11/20 23:45	
TO-15	Carbon disulfide	0.94	ug/m3	0.91	03/11/20 23:45	
TO-15	Dichlorodifluoromethane	4.6	ug/m3	1.5	03/11/20 23:45	
TO-15	Ethanol	34.0	ug/m3	2.8	03/11/20 23:45	
TO-15	Ethylbenzene	9.6	ug/m3	1.3	03/11/20 23:45	
TO-15	4-Ethyltoluene	3.8	ug/m3	3.6	03/11/20 23:45	
TO-15	n-Heptane	1.4	ug/m3	1.2	03/11/20 23:45	
TO-15	n-Hexane	4.9	ug/m3	1.0	03/11/20 23:45	
TO-15	4-Methyl-2-pentanone (MIBK)	29.3	ug/m3	6.0	03/11/20 23:45	
TO-15	2-Propanol	14.4	ug/m3	3.6	03/11/20 23:45	
TO-15	Styrene	7.3	ug/m3	1.2	03/11/20 23:45	
TO-15	Tetrachloroethene	1.0	ug/m3	0.99	03/11/20 23:45	
TO-15	Tetrahydrofuran	2.1	ug/m3	0.86	03/11/20 23:45	
TO-15	Toluene	38.0	ug/m3	1.1	03/11/20 23:45	
TO-15	1,2,4-Trimethylbenzene	12.5	ug/m3	1.4	03/11/20 23:45	
TO-15	1,3,5-Trimethylbenzene	4.6	ug/m3	1.4	03/11/20 23:45	
TO-15	m&p-Xylene	48.1	ug/m3	2.5	03/11/20 23:45	
TO-15	o-Xylene	13.2	ug/m3	1.3	03/11/20 23:45	
10510681003	SG-3					
TO-15	Acetone	86.1	ug/m3	3.5	03/11/20 22:46	
TO-15	Benzene	0.95	ug/m3	0.47	03/11/20 22:46	
TO-15	2-Butanone (MEK)	30.9	ug/m3	4.3	03/11/20 22:46	
TO-15	Dichlorodifluoromethane	2.7	ug/m3	1.5	03/11/20 22:46	
TO-15	Ethanol	26.2	ug/m3	2.8	03/11/20 22:46	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10510681

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10510681003	SG-3					
TO-15	Ethylbenzene	10.5	ug/m3	1.3	03/11/20 22:46	
TO-15	n-Heptane	1.9	ug/m3	1.2	03/11/20 22:46	
TO-15	n-Hexane	5.7	ug/m3	1.0	03/11/20 22:46	
TO-15	4-Methyl-2-pentanone (MIBK)	23.0	ug/m3	6.0	03/11/20 22:46	
TO-15	2-Propanol	5.5	ug/m3	3.6	03/11/20 22:46	
TO-15	Styrene	8.0	ug/m3	1.2	03/11/20 22:46	
TO-15	Tetrachloroethene	6.0	ug/m3	0.99	03/11/20 22:46	
TO-15	Tetrahydrofuran	3.0	ug/m3	0.86	03/11/20 22:46	
TO-15	Toluene	55.3	ug/m3	1.1	03/11/20 22:46	
TO-15	Trichlorofluoromethane	1.7	ug/m3	1.6	03/11/20 22:46	
TO-15	1,2,4-Trimethylbenzene	12.6	ug/m3	1.4	03/11/20 22:46	
TO-15	1,3,5-Trimethylbenzene	3.9	ug/m3	1.4	03/11/20 22:46	
TO-15	m&p-Xylene	46.1	ug/m3	2.5	03/11/20 22:46	
TO-15	o-Xylene	13.7	ug/m3	1.3	03/11/20 22:46	
10510681004	SG-4					
TO-15	Acetone	36.4	ug/m3	3.5	03/11/20 22:16	
TO-15	Benzene	1.2	ug/m3	0.47	03/11/20 22:16	
TO-15	2-Butanone (MEK)	12.8	ug/m3	4.3	03/11/20 22:16	
TO-15	Dichlorodifluoromethane	2.8	ug/m3	1.5	03/11/20 22:16	
TO-15	Ethanol	15.8	ug/m3	2.8	03/11/20 22:16	
TO-15	Ethylbenzene	11.6	ug/m3	1.3	03/11/20 22:16	
TO-15	n-Heptane	2.0	ug/m3	1.2	03/11/20 22:16	
TO-15	n-Hexane	2.7	ug/m3	1.0	03/11/20 22:16	
TO-15	4-Methyl-2-pentanone (MIBK)	10.9	ug/m3	6.0	03/11/20 22:16	
TO-15	Propylene	40.9	ug/m3	0.50	03/11/20 22:16	
TO-15	Styrene	7.8	ug/m3	1.2	03/11/20 22:16	
TO-15	Tetrachloroethene	16.9	ug/m3	0.99	03/11/20 22:16	
TO-15	Tetrahydrofuran	2.6	ug/m3	0.86	03/11/20 22:16	
TO-15	Toluene	64.8	ug/m3	1.1	03/11/20 22:16	
TO-15	1,2,4-Trimethylbenzene	13.3	ug/m3	1.4	03/11/20 22:16	
TO-15	1,3,5-Trimethylbenzene	4.2	ug/m3	1.4	03/11/20 22:16	
TO-15	m&p-Xylene	50.2	ug/m3	2.5	03/11/20 22:16	
TO-15	o-Xylene	15.0	ug/m3	1.3	03/11/20 22:16	
10510681005	SG-5					
TO-15	Acetone	81.7	ug/m3	3.5	03/11/20 21:46	
TO-15	Benzene	0.56	ug/m3	0.47	03/11/20 21:46	
TO-15	2-Butanone (MEK)	21.1	ug/m3	4.3	03/11/20 21:46	
TO-15	Dichlorodifluoromethane	2.6	ug/m3	1.5	03/11/20 21:46	
TO-15	Ethanol	31.7	ug/m3	2.8	03/11/20 21:46	
TO-15	Ethyl acetate	1.9	ug/m3	1.1	03/11/20 21:46	
TO-15	Ethylbenzene	4.9	ug/m3	1.3	03/11/20 21:46	
TO-15	n-Heptane	1.4	ug/m3	1.2	03/11/20 21:46	
TO-15	n-Hexane	4.2	ug/m3	1.0	03/11/20 21:46	
TO-15	4-Methyl-2-pentanone (MIBK)	18.2	ug/m3	6.0	03/11/20 21:46	
TO-15	2-Propanol	5.8	ug/m3	3.6	03/11/20 21:46	
TO-15	Styrene	5.7	ug/m3	1.2	03/11/20 21:46	

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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10510681

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10510681005	SG-5					
TO-15	Tetrachloroethene	17.3	ug/m3	0.99	03/11/20 21:46	
TO-15	Tetrahydrofuran	2.9	ug/m3	0.86	03/11/20 21:46	
TO-15	Toluene	22.8	ug/m3	1.1	03/11/20 21:46	
TO-15	Trichlorofluoromethane	1.7	ug/m3	1.6	03/11/20 21:46	
TO-15	1,2,4-Trimethylbenzene	9.4	ug/m3	1.4	03/11/20 21:46	
TO-15	1,3,5-Trimethylbenzene	3.0	ug/m3	1.4	03/11/20 21:46	
TO-15	m&p-Xylene	23.5	ug/m3	2.5	03/11/20 21:46	
TO-15	o-Xylene	7.2	ug/m3	1.3	03/11/20 21:46	

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PROJECT NARRATIVE

Project: 631009876 Arcadia

Pace Project No.: 10510681

Method: TO-15

Description: TO15 MSV AIR

Client: APTIM Enviromental Services

Date: March 12, 2020

General Information:

5 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 664431

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 3564164)
- 1,2,4-Trichlorobenzene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-1 **Lab ID: 10510681001** Collected: 03/03/20 11:40 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	51.3	ug/m3	3.5	1.7	1.44		03/11/20 23:16	67-64-1	
Benzene	1.1	ug/m3	0.47	0.22	1.44		03/11/20 23:16	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.7	1.44		03/11/20 23:16	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.53	1.44		03/11/20 23:16	75-27-4	
Bromoform	ND	ug/m3	7.6	2.0	1.44		03/11/20 23:16	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.33	1.44		03/11/20 23:16	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	0.18	1.44		03/11/20 23:16	106-99-0	
2-Butanone (MEK)	16.9	ug/m3	4.3	0.53	1.44		03/11/20 23:16	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.32	1.44		03/11/20 23:16	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	0.62	1.44		03/11/20 23:16	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.40	1.44		03/11/20 23:16	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.37	1.44		03/11/20 23:16	75-00-3	
Chloroform	ND	ug/m3	0.71	0.28	1.44		03/11/20 23:16	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.22	1.44		03/11/20 23:16	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.51	1.44		03/11/20 23:16	110-82-7	
Dibromochloromethane	ND	ug/m3	6.2	1.0	1.44		03/11/20 23:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.53	1.44		03/11/20 23:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.72	1.44		03/11/20 23:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.84	1.44		03/11/20 23:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.4	1.44		03/11/20 23:16	106-46-7	
Dichlorodifluoromethane	2.7	ug/m3	1.5	0.42	1.44		03/11/20 23:16	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.32	1.44		03/11/20 23:16	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	0.22	1.44		03/11/20 23:16	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.39	1.44		03/11/20 23:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.32	1.44		03/11/20 23:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.41	1.44		03/11/20 23:16	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.33	1.44		03/11/20 23:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.44	1.44		03/11/20 23:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.63	1.44		03/11/20 23:16	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.63	1.44		03/11/20 23:16	76-14-2	
Ethanol	27.7	ug/m3	2.8	1.2	1.44		03/11/20 23:16	64-17-5	
Ethyl acetate	1.1	ug/m3	1.1	0.27	1.44		03/11/20 23:16	141-78-6	
Ethylbenzene	13.2	ug/m3	1.3	0.44	1.44		03/11/20 23:16	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.82	1.44		03/11/20 23:16	622-96-8	
n-Heptane	2.2	ug/m3	1.2	0.55	1.44		03/11/20 23:16	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	2.8	1.44		03/11/20 23:16	87-68-3	
n-Hexane	3.8	ug/m3	1.0	0.45	1.44		03/11/20 23:16	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.1	1.44		03/11/20 23:16	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.7	1.44		03/11/20 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	22.0	ug/m3	6.0	0.75	1.44		03/11/20 23:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.95	1.44		03/11/20 23:16	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.9	1.44		03/11/20 23:16	91-20-3	
2-Propanol	5.6	ug/m3	3.6	1.0	1.44		03/11/20 23:16	67-63-0	
Propylene	5.8	ug/m3	0.50	0.20	1.44		03/11/20 23:16	115-07-1	
Styrene	8.6	ug/m3	1.2	0.50	1.44		03/11/20 23:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.44		03/11/20 23:16	79-34-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-1 **Lab ID: 10510681001** Collected: 03/03/20 11:40 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	ND	ug/m3	0.99	0.45	1.44		03/11/20 23:16	127-18-4	
Tetrahydrofuran	2.6	ug/m3	0.86	0.38	1.44		03/11/20 23:16	109-99-9	
Toluene	72.3	ug/m3	1.1	0.51	1.44		03/11/20 23:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	5.4	1.44		03/11/20 23:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.44	1.44		03/11/20 23:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	0.35	1.44		03/11/20 23:16	79-00-5	
Trichloroethene	ND	ug/m3	0.79	0.36	1.44		03/11/20 23:16	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.53	1.44		03/11/20 23:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.81	1.44		03/11/20 23:16	76-13-1	
1,2,4-Trimethylbenzene	9.7	ug/m3	1.4	0.65	1.44		03/11/20 23:16	95-63-6	
1,3,5-Trimethylbenzene	3.5	ug/m3	1.4	0.57	1.44		03/11/20 23:16	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.39	1.44		03/11/20 23:16	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.18	1.44		03/11/20 23:16	75-01-4	
m&p-Xylene	57.7	ug/m3	2.5	1.0	1.44		03/11/20 23:16	179601-23-1	
o-Xylene	15.3	ug/m3	1.3	0.50	1.44		03/11/20 23:16	95-47-6	

Sample: SG-2 **Lab ID: 10510681002** Collected: 03/03/20 11:35 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	78.5	ug/m3	3.5	1.7	1.44		03/11/20 23:45	67-64-1	
Benzene	0.66	ug/m3	0.47	0.22	1.44		03/11/20 23:45	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.7	1.44		03/11/20 23:45	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.53	1.44		03/11/20 23:45	75-27-4	
Bromoform	ND	ug/m3	7.6	2.0	1.44		03/11/20 23:45	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.33	1.44		03/11/20 23:45	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	0.18	1.44		03/11/20 23:45	106-99-0	
2-Butanone (MEK)	31.0	ug/m3	4.3	0.53	1.44		03/11/20 23:45	78-93-3	
Carbon disulfide	0.94	ug/m3	0.91	0.32	1.44		03/11/20 23:45	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	0.62	1.44		03/11/20 23:45	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.40	1.44		03/11/20 23:45	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.37	1.44		03/11/20 23:45	75-00-3	
Chloroform	ND	ug/m3	0.71	0.28	1.44		03/11/20 23:45	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.22	1.44		03/11/20 23:45	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.51	1.44		03/11/20 23:45	110-82-7	
Dibromochloromethane	ND	ug/m3	6.2	1.0	1.44		03/11/20 23:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.53	1.44		03/11/20 23:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.72	1.44		03/11/20 23:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.84	1.44		03/11/20 23:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.4	1.44		03/11/20 23:45	106-46-7	
Dichlorodifluoromethane	4.6	ug/m3	1.5	0.42	1.44		03/11/20 23:45	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.32	1.44		03/11/20 23:45	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	0.22	1.44		03/11/20 23:45	107-06-2	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-2 **Lab ID: 10510681002** Collected: 03/03/20 11:35 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
1,1-Dichloroethene	ND	ug/m3	1.2	0.39	1.44		03/11/20 23:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.32	1.44		03/11/20 23:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.41	1.44		03/11/20 23:45	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.33	1.44		03/11/20 23:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.44	1.44		03/11/20 23:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.63	1.44		03/11/20 23:45	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.63	1.44		03/11/20 23:45	76-14-2	
Ethanol	34.0	ug/m3	2.8	1.2	1.44		03/11/20 23:45	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.27	1.44		03/11/20 23:45	141-78-6	
Ethylbenzene	9.6	ug/m3	1.3	0.44	1.44		03/11/20 23:45	100-41-4	
4-Ethyltoluene	3.8	ug/m3	3.6	0.82	1.44		03/11/20 23:45	622-96-8	
n-Heptane	1.4	ug/m3	1.2	0.55	1.44		03/11/20 23:45	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	2.8	1.44		03/11/20 23:45	87-68-3	
n-Hexane	4.9	ug/m3	1.0	0.45	1.44		03/11/20 23:45	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.1	1.44		03/11/20 23:45	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.7	1.44		03/11/20 23:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	29.3	ug/m3	6.0	0.75	1.44		03/11/20 23:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.95	1.44		03/11/20 23:45	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.9	1.44		03/11/20 23:45	91-20-3	
2-Propanol	14.4	ug/m3	3.6	1.0	1.44		03/11/20 23:45	67-63-0	
Propylene	ND	ug/m3	0.50	0.20	1.44		03/11/20 23:45	115-07-1	
Styrene	7.3	ug/m3	1.2	0.50	1.44		03/11/20 23:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.44		03/11/20 23:45	79-34-5	
Tetrachloroethene	1.0	ug/m3	0.99	0.45	1.44		03/11/20 23:45	127-18-4	
Tetrahydrofuran	2.1	ug/m3	0.86	0.38	1.44		03/11/20 23:45	109-99-9	
Toluene	38.0	ug/m3	1.1	0.51	1.44		03/11/20 23:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	5.4	1.44		03/11/20 23:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.44	1.44		03/11/20 23:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	0.35	1.44		03/11/20 23:45	79-00-5	
Trichloroethene	ND	ug/m3	0.79	0.36	1.44		03/11/20 23:45	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.53	1.44		03/11/20 23:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.81	1.44		03/11/20 23:45	76-13-1	
1,2,4-Trimethylbenzene	12.5	ug/m3	1.4	0.65	1.44		03/11/20 23:45	95-63-6	
1,3,5-Trimethylbenzene	4.6	ug/m3	1.4	0.57	1.44		03/11/20 23:45	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.39	1.44		03/11/20 23:45	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.18	1.44		03/11/20 23:45	75-01-4	
m&p-Xylene	48.1	ug/m3	2.5	1.0	1.44		03/11/20 23:45	179601-23-1	
o-Xylene	13.2	ug/m3	1.3	0.50	1.44		03/11/20 23:45	95-47-6	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-3 **Lab ID: 10510681003** Collected: 03/03/20 11:30 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	86.1	ug/m3	3.5	1.7	1.44		03/11/20 22:46	67-64-1	
Benzene	0.95	ug/m3	0.47	0.22	1.44		03/11/20 22:46	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.7	1.44		03/11/20 22:46	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.53	1.44		03/11/20 22:46	75-27-4	
Bromoform	ND	ug/m3	7.6	2.0	1.44		03/11/20 22:46	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.33	1.44		03/11/20 22:46	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	0.18	1.44		03/11/20 22:46	106-99-0	
2-Butanone (MEK)	30.9	ug/m3	4.3	0.53	1.44		03/11/20 22:46	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.32	1.44		03/11/20 22:46	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	0.62	1.44		03/11/20 22:46	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.40	1.44		03/11/20 22:46	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.37	1.44		03/11/20 22:46	75-00-3	
Chloroform	ND	ug/m3	0.71	0.28	1.44		03/11/20 22:46	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.22	1.44		03/11/20 22:46	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.51	1.44		03/11/20 22:46	110-82-7	
Dibromochloromethane	ND	ug/m3	6.2	1.0	1.44		03/11/20 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.53	1.44		03/11/20 22:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.72	1.44		03/11/20 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.84	1.44		03/11/20 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.4	1.44		03/11/20 22:46	106-46-7	
Dichlorodifluoromethane	2.7	ug/m3	1.5	0.42	1.44		03/11/20 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.32	1.44		03/11/20 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	0.22	1.44		03/11/20 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.39	1.44		03/11/20 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.32	1.44		03/11/20 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.41	1.44		03/11/20 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.33	1.44		03/11/20 22:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.44	1.44		03/11/20 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.63	1.44		03/11/20 22:46	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.63	1.44		03/11/20 22:46	76-14-2	
Ethanol	26.2	ug/m3	2.8	1.2	1.44		03/11/20 22:46	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.27	1.44		03/11/20 22:46	141-78-6	
Ethylbenzene	10.5	ug/m3	1.3	0.44	1.44		03/11/20 22:46	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.82	1.44		03/11/20 22:46	622-96-8	
n-Heptane	1.9	ug/m3	1.2	0.55	1.44		03/11/20 22:46	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	2.8	1.44		03/11/20 22:46	87-68-3	
n-Hexane	5.7	ug/m3	1.0	0.45	1.44		03/11/20 22:46	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.1	1.44		03/11/20 22:46	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.7	1.44		03/11/20 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	23.0	ug/m3	6.0	0.75	1.44		03/11/20 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.95	1.44		03/11/20 22:46	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.9	1.44		03/11/20 22:46	91-20-3	
2-Propanol	5.5	ug/m3	3.6	1.0	1.44		03/11/20 22:46	67-63-0	
Propylene	ND	ug/m3	0.50	0.20	1.44		03/11/20 22:46	115-07-1	
Styrene	8.0	ug/m3	1.2	0.50	1.44		03/11/20 22:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.44		03/11/20 22:46	79-34-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-3 Lab ID: 10510681003 Collected: 03/03/20 11:30 Received: 03/05/20 11:25 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	6.0	ug/m3	0.99	0.45	1.44		03/11/20 22:46	127-18-4	
Tetrahydrofuran	3.0	ug/m3	0.86	0.38	1.44		03/11/20 22:46	109-99-9	
Toluene	55.3	ug/m3	1.1	0.51	1.44		03/11/20 22:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	5.4	1.44		03/11/20 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.44	1.44		03/11/20 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	0.35	1.44		03/11/20 22:46	79-00-5	
Trichloroethene	ND	ug/m3	0.79	0.36	1.44		03/11/20 22:46	79-01-6	
Trichlorofluoromethane	1.7	ug/m3	1.6	0.53	1.44		03/11/20 22:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.81	1.44		03/11/20 22:46	76-13-1	
1,2,4-Trimethylbenzene	12.6	ug/m3	1.4	0.65	1.44		03/11/20 22:46	95-63-6	
1,3,5-Trimethylbenzene	3.9	ug/m3	1.4	0.57	1.44		03/11/20 22:46	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.39	1.44		03/11/20 22:46	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.18	1.44		03/11/20 22:46	75-01-4	
m&p-Xylene	46.1	ug/m3	2.5	1.0	1.44		03/11/20 22:46	179601-23-1	
o-Xylene	13.7	ug/m3	1.3	0.50	1.44		03/11/20 22:46	95-47-6	

Sample: SG-4 Lab ID: 10510681004 Collected: 03/03/20 11:20 Received: 03/05/20 11:25 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	36.4	ug/m3	3.5	1.7	1.44		03/11/20 22:16	67-64-1	
Benzene	1.2	ug/m3	0.47	0.22	1.44		03/11/20 22:16	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.7	1.44		03/11/20 22:16	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.53	1.44		03/11/20 22:16	75-27-4	
Bromoform	ND	ug/m3	7.6	2.0	1.44		03/11/20 22:16	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.33	1.44		03/11/20 22:16	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	0.18	1.44		03/11/20 22:16	106-99-0	
2-Butanone (MEK)	12.8	ug/m3	4.3	0.53	1.44		03/11/20 22:16	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.32	1.44		03/11/20 22:16	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	0.62	1.44		03/11/20 22:16	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.40	1.44		03/11/20 22:16	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.37	1.44		03/11/20 22:16	75-00-3	
Chloroform	ND	ug/m3	0.71	0.28	1.44		03/11/20 22:16	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.22	1.44		03/11/20 22:16	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.51	1.44		03/11/20 22:16	110-82-7	
Dibromochloromethane	ND	ug/m3	6.2	1.0	1.44		03/11/20 22:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.53	1.44		03/11/20 22:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.72	1.44		03/11/20 22:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.84	1.44		03/11/20 22:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.4	1.44		03/11/20 22:16	106-46-7	
Dichlorodifluoromethane	2.8	ug/m3	1.5	0.42	1.44		03/11/20 22:16	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.32	1.44		03/11/20 22:16	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	0.22	1.44		03/11/20 22:16	107-06-2	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-4 **Lab ID: 10510681004** Collected: 03/03/20 11:20 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
1,1-Dichloroethene	ND	ug/m3	1.2	0.39	1.44		03/11/20 22:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.32	1.44		03/11/20 22:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.41	1.44		03/11/20 22:16	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.33	1.44		03/11/20 22:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.44	1.44		03/11/20 22:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.63	1.44		03/11/20 22:16	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.63	1.44		03/11/20 22:16	76-14-2	
Ethanol	15.8	ug/m3	2.8	1.2	1.44		03/11/20 22:16	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.27	1.44		03/11/20 22:16	141-78-6	
Ethylbenzene	11.6	ug/m3	1.3	0.44	1.44		03/11/20 22:16	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.82	1.44		03/11/20 22:16	622-96-8	
n-Heptane	2.0	ug/m3	1.2	0.55	1.44		03/11/20 22:16	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	2.8	1.44		03/11/20 22:16	87-68-3	
n-Hexane	2.7	ug/m3	1.0	0.45	1.44		03/11/20 22:16	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.1	1.44		03/11/20 22:16	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.7	1.44		03/11/20 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	10.9	ug/m3	6.0	0.75	1.44		03/11/20 22:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.95	1.44		03/11/20 22:16	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.9	1.44		03/11/20 22:16	91-20-3	
2-Propanol	ND	ug/m3	3.6	1.0	1.44		03/11/20 22:16	67-63-0	
Propylene	40.9	ug/m3	0.50	0.20	1.44		03/11/20 22:16	115-07-1	
Styrene	7.8	ug/m3	1.2	0.50	1.44		03/11/20 22:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.44		03/11/20 22:16	79-34-5	
Tetrachloroethene	16.9	ug/m3	0.99	0.45	1.44		03/11/20 22:16	127-18-4	
Tetrahydrofuran	2.6	ug/m3	0.86	0.38	1.44		03/11/20 22:16	109-99-9	
Toluene	64.8	ug/m3	1.1	0.51	1.44		03/11/20 22:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	5.4	1.44		03/11/20 22:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.44	1.44		03/11/20 22:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	0.35	1.44		03/11/20 22:16	79-00-5	
Trichloroethene	ND	ug/m3	0.79	0.36	1.44		03/11/20 22:16	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.53	1.44		03/11/20 22:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.81	1.44		03/11/20 22:16	76-13-1	
1,2,4-Trimethylbenzene	13.3	ug/m3	1.4	0.65	1.44		03/11/20 22:16	95-63-6	
1,3,5-Trimethylbenzene	4.2	ug/m3	1.4	0.57	1.44		03/11/20 22:16	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.39	1.44		03/11/20 22:16	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.18	1.44		03/11/20 22:16	75-01-4	
m&p-Xylene	50.2	ug/m3	2.5	1.0	1.44		03/11/20 22:16	179601-23-1	
o-Xylene	15.0	ug/m3	1.3	0.50	1.44		03/11/20 22:16	95-47-6	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-5 **Lab ID: 10510681005** Collected: 03/03/20 11:25 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	81.7	ug/m3	3.5	1.7	1.44		03/11/20 21:46	67-64-1	
Benzene	0.56	ug/m3	0.47	0.22	1.44		03/11/20 21:46	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.7	1.44		03/11/20 21:46	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.53	1.44		03/11/20 21:46	75-27-4	
Bromoform	ND	ug/m3	7.6	2.0	1.44		03/11/20 21:46	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.33	1.44		03/11/20 21:46	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	0.18	1.44		03/11/20 21:46	106-99-0	
2-Butanone (MEK)	21.1	ug/m3	4.3	0.53	1.44		03/11/20 21:46	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.32	1.44		03/11/20 21:46	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	0.62	1.44		03/11/20 21:46	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.40	1.44		03/11/20 21:46	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.37	1.44		03/11/20 21:46	75-00-3	
Chloroform	ND	ug/m3	0.71	0.28	1.44		03/11/20 21:46	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.22	1.44		03/11/20 21:46	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.51	1.44		03/11/20 21:46	110-82-7	
Dibromochloromethane	ND	ug/m3	6.2	1.0	1.44		03/11/20 21:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.53	1.44		03/11/20 21:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.72	1.44		03/11/20 21:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.84	1.44		03/11/20 21:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.4	1.44		03/11/20 21:46	106-46-7	
Dichlorodifluoromethane	2.6	ug/m3	1.5	0.42	1.44		03/11/20 21:46	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.32	1.44		03/11/20 21:46	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	0.22	1.44		03/11/20 21:46	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.39	1.44		03/11/20 21:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.32	1.44		03/11/20 21:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.41	1.44		03/11/20 21:46	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.33	1.44		03/11/20 21:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.44	1.44		03/11/20 21:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.63	1.44		03/11/20 21:46	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.63	1.44		03/11/20 21:46	76-14-2	
Ethanol	31.7	ug/m3	2.8	1.2	1.44		03/11/20 21:46	64-17-5	
Ethyl acetate	1.9	ug/m3	1.1	0.27	1.44		03/11/20 21:46	141-78-6	
Ethylbenzene	4.9	ug/m3	1.3	0.44	1.44		03/11/20 21:46	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.82	1.44		03/11/20 21:46	622-96-8	
n-Heptane	1.4	ug/m3	1.2	0.55	1.44		03/11/20 21:46	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	2.8	1.44		03/11/20 21:46	87-68-3	
n-Hexane	4.2	ug/m3	1.0	0.45	1.44		03/11/20 21:46	110-54-3	
2-Hexanone	ND	ug/m3	6.0	1.1	1.44		03/11/20 21:46	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.7	1.44		03/11/20 21:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	18.2	ug/m3	6.0	0.75	1.44		03/11/20 21:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.95	1.44		03/11/20 21:46	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.9	1.44		03/11/20 21:46	91-20-3	
2-Propanol	5.8	ug/m3	3.6	1.0	1.44		03/11/20 21:46	67-63-0	
Propylene	ND	ug/m3	0.50	0.20	1.44		03/11/20 21:46	115-07-1	
Styrene	5.7	ug/m3	1.2	0.50	1.44		03/11/20 21:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.44		03/11/20 21:46	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510681

Sample: SG-5 **Lab ID: 10510681005** Collected: 03/03/20 11:25 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	17.3	ug/m3	0.99	0.45	1.44		03/11/20 21:46	127-18-4	
Tetrahydrofuran	2.9	ug/m3	0.86	0.38	1.44		03/11/20 21:46	109-99-9	
Toluene	22.8	ug/m3	1.1	0.51	1.44		03/11/20 21:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	5.4	1.44		03/11/20 21:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.44	1.44		03/11/20 21:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	0.35	1.44		03/11/20 21:46	79-00-5	
Trichloroethene	ND	ug/m3	0.79	0.36	1.44		03/11/20 21:46	79-01-6	
Trichlorofluoromethane	1.7	ug/m3	1.6	0.53	1.44		03/11/20 21:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.81	1.44		03/11/20 21:46	76-13-1	
1,2,4-Trimethylbenzene	9.4	ug/m3	1.4	0.65	1.44		03/11/20 21:46	95-63-6	
1,3,5-Trimethylbenzene	3.0	ug/m3	1.4	0.57	1.44		03/11/20 21:46	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.39	1.44		03/11/20 21:46	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.18	1.44		03/11/20 21:46	75-01-4	
m&p-Xylene	23.5	ug/m3	2.5	1.0	1.44		03/11/20 21:46	179601-23-1	
o-Xylene	7.2	ug/m3	1.3	0.50	1.44		03/11/20 21:46	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510681

QC Batch: 664431

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Associated Lab Samples: 10510681001, 10510681002, 10510681003, 10510681004, 10510681005

METHOD BLANK: 3564163

Matrix: Air

Associated Lab Samples: 10510681001, 10510681002, 10510681003, 10510681004, 10510681005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	03/11/20 12:30	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.35	03/11/20 12:30	
1,1,2-Trichloroethane	ug/m3	ND	0.28	03/11/20 12:30	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.78	03/11/20 12:30	
1,1-Dichloroethane	ug/m3	ND	0.41	03/11/20 12:30	
1,1-Dichloroethene	ug/m3	ND	0.40	03/11/20 12:30	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	03/11/20 12:30	
1,2,4-Trimethylbenzene	ug/m3	ND	0.50	03/11/20 12:30	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.39	03/11/20 12:30	
1,2-Dichlorobenzene	ug/m3	ND	0.61	03/11/20 12:30	
1,2-Dichloroethane	ug/m3	ND	0.21	03/11/20 12:30	
1,2-Dichloropropane	ug/m3	ND	0.47	03/11/20 12:30	
1,3,5-Trimethylbenzene	ug/m3	ND	0.50	03/11/20 12:30	
1,3-Butadiene	ug/m3	ND	0.22	03/11/20 12:30	
1,3-Dichlorobenzene	ug/m3	ND	0.61	03/11/20 12:30	
1,4-Dichlorobenzene	ug/m3	ND	1.5	03/11/20 12:30	
2-Butanone (MEK)	ug/m3	ND	1.5	03/11/20 12:30	
2-Hexanone	ug/m3	ND	2.1	03/11/20 12:30	
2-Propanol	ug/m3	ND	1.2	03/11/20 12:30	
4-Ethyltoluene	ug/m3	ND	1.2	03/11/20 12:30	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	2.1	03/11/20 12:30	
Acetone	ug/m3	ND	1.2	03/11/20 12:30	
Benzene	ug/m3	ND	0.16	03/11/20 12:30	
Benzyl chloride	ug/m3	ND	1.3	03/11/20 12:30	
Bromodichloromethane	ug/m3	ND	0.68	03/11/20 12:30	
Bromoform	ug/m3	ND	2.6	03/11/20 12:30	
Bromomethane	ug/m3	ND	0.39	03/11/20 12:30	
Carbon disulfide	ug/m3	ND	0.32	03/11/20 12:30	
Carbon tetrachloride	ug/m3	ND	0.64	03/11/20 12:30	
Chlorobenzene	ug/m3	ND	0.47	03/11/20 12:30	
Chloroethane	ug/m3	ND	0.27	03/11/20 12:30	
Chloroform	ug/m3	ND	0.25	03/11/20 12:30	
Chloromethane	ug/m3	ND	0.21	03/11/20 12:30	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	03/11/20 12:30	
cis-1,3-Dichloropropene	ug/m3	ND	0.46	03/11/20 12:30	
Cyclohexane	ug/m3	ND	0.88	03/11/20 12:30	
Dibromochloromethane	ug/m3	ND	2.2	03/11/20 12:30	MN
Dichlorodifluoromethane	ug/m3	ND	0.50	03/11/20 12:30	
Dichlorotetrafluoroethane	ug/m3	ND	0.71	03/11/20 12:30	
Ethanol	ug/m3	ND	0.96	03/11/20 12:30	
Ethyl acetate	ug/m3	ND	0.37	03/11/20 12:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510681

METHOD BLANK: 3564163

Matrix: Air

Associated Lab Samples: 10510681001, 10510681002, 10510681003, 10510681004, 10510681005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.44	03/11/20 12:30	
Hexachloro-1,3-butadiene	ug/m3	ND	2.7	03/11/20 12:30	
m&p-Xylene	ug/m3	ND	0.88	03/11/20 12:30	
Methyl-tert-butyl ether	ug/m3	ND	1.8	03/11/20 12:30	
Methylene Chloride	ug/m3	ND	1.8	03/11/20 12:30	
n-Heptane	ug/m3	ND	0.42	03/11/20 12:30	
n-Hexane	ug/m3	ND	0.36	03/11/20 12:30	
Naphthalene	ug/m3	ND	1.3	03/11/20 12:30	
o-Xylene	ug/m3	ND	0.44	03/11/20 12:30	
Propylene	ug/m3	ND	0.18	03/11/20 12:30	
Styrene	ug/m3	ND	0.43	03/11/20 12:30	
Tetrachloroethene	ug/m3	ND	0.34	03/11/20 12:30	
Tetrahydrofuran	ug/m3	ND	0.30	03/11/20 12:30	
Toluene	ug/m3	ND	0.38	03/11/20 12:30	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	03/11/20 12:30	
trans-1,3-Dichloropropene	ug/m3	ND	0.46	03/11/20 12:30	
Trichloroethene	ug/m3	ND	0.27	03/11/20 12:30	
Trichlorofluoromethane	ug/m3	ND	0.57	03/11/20 12:30	
Vinyl acetate	ug/m3	ND	0.36	03/11/20 12:30	
Vinyl chloride	ug/m3	ND	0.13	03/11/20 12:30	

LABORATORY CONTROL SAMPLE: 3564164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	58.9	103	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	76.2	106	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	58.8	103	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	84.9	106	70-130	
1,1-Dichloroethane	ug/m3	42.7	42.5	100	70-130	
1,1-Dichloroethene	ug/m3	41.4	43.6	105	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	138	89	70-130	SS
1,2,4-Trimethylbenzene	ug/m3	51.5	54.6	106	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	83.0	103	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	70.8	112	70-136	
1,2-Dichloroethane	ug/m3	42.4	44.9	106	70-130	
1,2-Dichloropropane	ug/m3	48.6	49.0	101	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	56.9	110	70-136	
1,3-Butadiene	ug/m3	23.3	24.2	104	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	56.7	89	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	55.9	88	70-145	
2-Butanone (MEK)	ug/m3	31.4	26.8	85	61-130	
2-Hexanone	ug/m3	42.8	38.3	89	70-138	
2-Propanol	ug/m3	119	126	106	70-136	
4-Ethyltoluene	ug/m3	52.4	48.1	92	70-142	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510681

LABORATORY CONTROL SAMPLE: 3564164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	49.5	114	70-134	
Acetone	ug/m3	126	98.7	78	59-137	
Benzene	ug/m3	33.5	32.2	96	70-133	
Benzyl chloride	ug/m3	55.1	48.9	89	70-139	
Bromodichloromethane	ug/m3	71.5	78.9	110	70-130	
Bromoform	ug/m3	110	95.8	87	60-140	
Bromomethane	ug/m3	41.3	41.1	99	70-131	
Carbon disulfide	ug/m3	33.3	30.9	93	70-130	
Carbon tetrachloride	ug/m3	66.2	70.9	107	70-133	
Chlorobenzene	ug/m3	48.3	47.9	99	70-131	
Chloroethane	ug/m3	28.1	29.5	105	70-141	
Chloroform	ug/m3	51.1	50.4	99	70-130	
Chloromethane	ug/m3	21.9	22.1	101	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	40.8	98	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	41.9	88	70-138	
Cyclohexane	ug/m3	36.7	38.2	104	70-133	
Dibromochloromethane	ug/m3	90.7	79.2	87	70-139	
Dichlorodifluoromethane	ug/m3	51.6	52.0	101	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	70.7	97	65-133	
Ethanol	ug/m3	103	113	110	65-135	
Ethyl acetate	ug/m3	38.6	41.4	107	70-135	
Ethylbenzene	ug/m3	45.6	47.9	105	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	123	110	70-134	
m&p-Xylene	ug/m3	91.2	97.3	107	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	38.7	101	70-131	
Methylene Chloride	ug/m3	182	168	92	69-130	
n-Heptane	ug/m3	43.6	45.3	104	70-130	
n-Hexane	ug/m3	37.6	36.6	97	70-131	
Naphthalene	ug/m3	57.7	49.0	85	63-130	
o-Xylene	ug/m3	45.5	47.9	105	70-135	
Propylene	ug/m3	18.2	17.5	96	63-139	
Styrene	ug/m3	44.9	40.1	89	70-143	
Tetrachloroethene	ug/m3	71	71.2	100	70-136	
Tetrahydrofuran	ug/m3	31.5	36.8	117	70-137	
Toluene	ug/m3	39.5	40.7	103	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	44.4	105	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	42.2	89	70-139	
Trichloroethene	ug/m3	56.3	56.6	100	70-132	
Trichlorofluoromethane	ug/m3	59.7	62.3	105	65-136	
Vinyl acetate	ug/m3	34.5	36.3	105	66-140	
Vinyl chloride	ug/m3	26.7	25.8	97	68-141	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510681

SAMPLE DUPLICATE: 3564782

Parameter	Units	10510703001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	1.3J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	0.95	0.94	1	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	ND		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	2.7J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	22.2	23.0	4	25	
Benzene	ug/m3	0.99	1.0	1	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	.4J		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	1.3		25	
Chloromethane	ug/m3	1.1	1.1	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	2.5J		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.9	3.0	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	42.6	43.6	2	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	.75J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	3.0	3.0	1	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	5.6J		25	
n-Heptane	ug/m3	1.7	1.8	6	25	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510681

SAMPLE DUPLICATE: 3564782

Parameter	Units	10510703001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.4	1.6	17	25	
Naphthalene	ug/m3	ND	3.2J		25	
o-Xylene	ug/m3	ND	1.1J		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	63.4	62.4	2	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	4.7	4.7	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	3.0	3.0	1	25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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QUALIFIERS

Project: 631009876 Arcadia

Pace Project No.: 10510681

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

SS This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 631009876 Arcadia
Pace Project No.: 10510681

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10510681001	SG-1	TO-15	664431		
10510681002	SG-2	TO-15	664431		
10510681003	SG-3	TO-15	664431		
10510681004	SG-4	TO-15	664431		
10510681005	SG-5	TO-15	664431		

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AIR: CHAIN-OF-CUSTODY

The Chain-of-Custody is a LEGAL DOCUMENT.

WO#: 10510681



10510681

40254

Page: of

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Program	
Company: APTIM		Report To: Mark Finney		Attention:		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Address:		Copy To:		Company Name:		Location of Sampling by State	
Email To: mark.finney@apim.com		Purchase Order No.:		Address:		Reporting Units ug/m ³ mg/m ³ PPBV PPMV Other	
Phone: 612-809-3256		Project Name: Acadia		Pace Quote Reference:		Report Level: II, III, IV, Other	
Requested Due Date/TAT:		Project Number: 631009876		Pace Project Manager/Sales Rep.		Pace Profile #: 39447	

ITEM #	'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:								Pace Lab ID	
					COMPOSITE START		COMPOSITE - END/GRAB						PM10	SC - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated		TO-15 Short List (other)
					DATE	TIME	DATE	TIME														
1	SG-1		6LC		3/3/20	1140			29	3	0727	0679								X	051	
2	SG-2		6LC		3/3/20	1135			28.5	3	0676	1609								X	002	
3	SG-3		6LC		3/3/20	1130			29	3	1061	0727								X	003	
4	SG-4		6LC		3/3/20	1120			28.5	3	2165	0776								X	004	
5	SG-5		6LC		3/3/20	1125			28	3	2300	0616								X	005	
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Comments :	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
	<i>J. Schmidt</i> APTIM	3/3/20		<i>GM - J. Pace</i> FACE	3/5/20	1125	-	Y/N	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER: <i>Jared Schmidt</i>	SIGNATURE of SAMPLER: <i>J. Schmidt</i>				
DATE Signed (MM / DD / YY) <i>03/03/20</i>					

ORIGINAL



Document Name:
Air Sample Condition Upon Receipt

Document No.:
F-MN-A-106-rev.20

Document Revised: 19Nov2019
Page 1 of 1

Pace Analytical Services -
Minneapolis

**Air Sample Condition
Upon Receipt**

Client Name:
APTIM

Project #:

WO# : 10510681

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

PM: KNH Due Date: 03/19/20
CLIENT: APTIM

Tracking Number: 1083 0285 5790, 5779

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermometer Used: G87A9170600254 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 3/5/20 cmj

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>(N)</u> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SG-1	0727	0679	-2	+5					
SG-2	0676	1609	-2	+5					
SG-3	1061	0727	-2	+5					
SG-4	2165	0776	-2	+5					
SG-5	2300	0616	-2	+5					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: Collected in Wisconsin.

Project Manager Review: Kirsten Hopfer

Date: 3/5/2020

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

March 12, 2020

Mark Finney
APTIM
8725 Rosehill Road
Suite 450
Lenexa, KS 66215

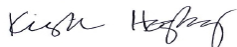
RE: Project: 631009876 Arcadia
Pace Project No.: 10510703

Dear Mark Finney:

Enclosed are the analytical results for sample(s) received by the laboratory on March 05, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Missouri Certification #: 10100
Arizona Certification #: AZ0014	Montana Certification #: CERT0092
Arkansas DW Certification #: MN00064	Nebraska Certification #: NE-OS-18-06
Arkansas WW Certification #: 88-0680	Nevada Certification #: MN00064
California Certification #: 2929	New Hampshire Certification #: 2081
CNMI Saipan Certification #: MP0003	New Jersey Certification #: MN002
Colorado Certification #: MN00064	New York Certification #: 11647
Connecticut Certification #: PH-0256	North Carolina DW Certification #: 27700
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Carolina WW Certification #: 530
Florida Certification #: E87605	North Dakota Certification #: R-036
Georgia Certification #: 959	Ohio DW Certification #: 41244
Guam EPA Certification #: MN00064	Ohio VAP Certification #: CL101
Hawaii Certification #: MN00064	Oklahoma Certification #: 9507
Idaho Certification #: MN00064	Oregon Primary Certification #: MN300001
Illinois Certification #: 200011	Oregon Secondary Certification #: MN200001
Indiana Certification #: C-MN-01	Pennsylvania Certification #: 68-00563
Iowa Certification #: 368	Puerto Rico Certification #: MN00064
Kansas Certification #: E-10167	South Carolina Certification #:74003001
Kentucky DW Certification #: 90062	Tennessee Certification #: TN02818
Kentucky WW Certification #: 90062	Texas Certification #: T104704192
Louisiana DEQ Certification #: 03086	Utah Certification #: MN00064
Louisiana DW Certification #: MN00064	Vermont Certification #: VT-027053137
Maine Certification #: MN00064	Virginia Certification #: 460163
Maryland Certification #: 322	Washington Certification #: C486
Massachusetts Certification #: M-MN064	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 631009876 Arcadia

Pace Project No.: 10510703

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10510703001	Insurance 1st floor	Air	03/02/20 16:05	03/05/20 11:25
10510703002	Insurance Basement	Air	03/02/20 16:00	03/05/20 11:25
10510703003	Insurance Crawlspace	Air	03/02/20 15:55	03/05/20 11:25
10510703004	Outdoor Ambient	Air	03/02/20 16:10	03/05/20 11:25
10510703005	Chastean Insurance	Air	03/02/20 16:25	03/05/20 11:25
10510703006	Tapatia Crawlspace	Air	03/02/20 17:35	03/05/20 11:25
10510703007	Tapatia 1st floor	Air	03/02/20 17:40	03/05/20 11:25
10510703008	Unused Can#3675	Air		03/05/20 11:25
10510703009	Unused Can#1195	Air		03/05/20 11:25
10510703010	Unused Can#0843	Air		03/05/20 11:25
10510703011	Unused Can#1232	Air		03/05/20 11:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 631009876 Arcadia

Pace Project No.: 10510703

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10510703001	Insurance 1st floor	TO-15	NCK	61
10510703002	Insurance Basement	TO-15	NCK	61
10510703003	Insurance Crawlspace	TO-15	NCK	61
10510703004	Outdoor Ambient	TO-15	NCK	61
10510703005	Chastean Insurance	TO-15	NCK	61
10510703006	Tapatia Crawlspace	TO-15	NCK	61
10510703007	Tapatia 1st floor	TO-15	NCK	61

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10510703

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10510703001	Insurance 1st floor					
TO-15	Acetone	22.2	ug/m3	4.0	03/11/20 17:45	
TO-15	Benzene	0.99	ug/m3	0.55	03/11/20 17:45	
TO-15	Chloromethane	1.1	ug/m3	0.71	03/11/20 17:45	
TO-15	Dichlorodifluoromethane	2.9	ug/m3	1.7	03/11/20 17:45	
TO-15	1,2-Dichloroethane	0.95	ug/m3	0.69	03/11/20 17:45	
TO-15	Ethanol	42.6	ug/m3	3.2	03/11/20 17:45	
TO-15	n-Heptane	1.7	ug/m3	1.4	03/11/20 17:45	
TO-15	n-Hexane	1.4	ug/m3	1.2	03/11/20 17:45	
TO-15	Tetrachloroethene	63.4	ug/m3	1.2	03/11/20 17:45	
TO-15	Toluene	4.7	ug/m3	1.3	03/11/20 17:45	
TO-15	Trichlorofluoromethane	3.0	ug/m3	1.9	03/11/20 17:45	
TO-15	m&p-Xylene	3.0	ug/m3	3.0	03/11/20 17:45	
10510703002	Insurance Basement					
TO-15	Acetone	11.9	ug/m3	4.2	03/11/20 18:45	
TO-15	Benzene	1.4	ug/m3	0.57	03/11/20 18:45	
TO-15	Cyclohexane	3.5	ug/m3	3.1	03/11/20 18:45	
TO-15	Dichlorodifluoromethane	3.6	ug/m3	1.8	03/11/20 18:45	
TO-15	1,2-Dichloroethane	0.76	ug/m3	0.72	03/11/20 18:45	
TO-15	Ethanol	19.1	ug/m3	3.4	03/11/20 18:45	
TO-15	n-Heptane	2.2	ug/m3	1.5	03/11/20 18:45	
TO-15	n-Hexane	1.8	ug/m3	1.3	03/11/20 18:45	
TO-15	Tetrachloroethene	78.9	ug/m3	1.2	03/11/20 18:45	
TO-15	Toluene	7.1	ug/m3	1.3	03/11/20 18:45	
TO-15	Trichlorofluoromethane	2.6	ug/m3	2.0	03/11/20 18:45	
TO-15	1,2,4-Trimethylbenzene	1.9	ug/m3	1.7	03/11/20 18:45	
TO-15	m&p-Xylene	4.9	ug/m3	3.1	03/11/20 18:45	
TO-15	o-Xylene	1.7	ug/m3	1.5	03/11/20 18:45	
10510703003	Insurance Crawlspace					
TO-15	Acetone	16.3	ug/m3	4.0	03/11/20 19:15	
TO-15	Benzene	0.75	ug/m3	0.55	03/11/20 19:15	
TO-15	Dichlorodifluoromethane	3.3	ug/m3	1.7	03/11/20 19:15	
TO-15	Ethanol	15.3	ug/m3	3.2	03/11/20 19:15	
TO-15	n-Hexane	1.8	ug/m3	1.2	03/11/20 19:15	
TO-15	Methylene Chloride	15.4	ug/m3	5.9	03/11/20 19:15	
TO-15	Tetrachloroethene	61.7	ug/m3	1.2	03/11/20 19:15	
TO-15	Toluene	2.7	ug/m3	1.3	03/11/20 19:15	
TO-15	Trichlorofluoromethane	2.7	ug/m3	1.9	03/11/20 19:15	
10510703004	Outdoor Ambient					
TO-15	Acetone	6.9	ug/m3	3.9	03/11/20 19:45	
TO-15	Chloromethane	1.1	ug/m3	0.68	03/11/20 19:45	
TO-15	Dichlorodifluoromethane	3.1	ug/m3	1.6	03/11/20 19:45	
TO-15	Ethanol	8.5	ug/m3	3.1	03/11/20 19:45	
10510703005	Chastean Insurance					
TO-15	Acetone	33.7	ug/m3	5.1	03/11/20 20:16	
TO-15	Benzene	1.1	ug/m3	0.69	03/11/20 20:16	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10510703

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10510703005	Chastean Insurance					
TO-15	Cyclohexane	5.0	ug/m3	3.7	03/11/20 20:16	
TO-15	Dichlorodifluoromethane	5.1	ug/m3	2.1	03/11/20 20:16	
TO-15	Ethanol	422	ug/m3	4.1	03/11/20 20:16	
TO-15	n-Heptane	2.0	ug/m3	1.8	03/11/20 20:16	
TO-15	n-Hexane	2.2	ug/m3	1.5	03/11/20 20:16	
TO-15	Methylene Chloride	12.8	ug/m3	7.5	03/11/20 20:16	
TO-15	2-Propanol	9.5	ug/m3	5.3	03/11/20 20:16	
TO-15	Tetrachloroethene	2.0	ug/m3	1.5	03/11/20 20:16	
TO-15	Toluene	6.8	ug/m3	1.6	03/11/20 20:16	
TO-15	Trichlorofluoromethane	17.7	ug/m3	2.4	03/11/20 20:16	
10510703006	Tapatia Crawlspace					
TO-15	Acetone	7.4	ug/m3	4.4	03/11/20 20:46	
TO-15	Dichlorodifluoromethane	3.2	ug/m3	1.8	03/11/20 20:46	
TO-15	cis-1,2-Dichloroethene	3.2	ug/m3	1.5	03/11/20 20:46	
TO-15	Ethanol	6.5	ug/m3	3.5	03/11/20 20:46	
TO-15	Tetrachloroethene	139	ug/m3	1.3	03/11/20 20:46	
TO-15	Trichlorofluoromethane	2.3	ug/m3	2.1	03/11/20 20:46	
10510703007	Tapatia 1st floor					
TO-15	Acetone	24.5	ug/m3	4.4	03/11/20 21:17	
TO-15	Benzene	0.61	ug/m3	0.59	03/11/20 21:17	
TO-15	Chloromethane	1.7	ug/m3	0.77	03/11/20 21:17	
TO-15	Dichlorodifluoromethane	3.3	ug/m3	1.8	03/11/20 21:17	
TO-15	Ethanol	327	ug/m3	3.5	03/11/20 21:17	
TO-15	n-Heptane	1.7	ug/m3	1.5	03/11/20 21:17	
TO-15	2-Propanol	4.8	ug/m3	4.6	03/11/20 21:17	
TO-15	Styrene	1.6	ug/m3	1.6	03/11/20 21:17	
TO-15	Tetrachloroethene	13.5	ug/m3	1.3	03/11/20 21:17	
TO-15	Trichlorofluoromethane	2.2	ug/m3	2.1	03/11/20 21:17	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 631009876 Arcadia

Pace Project No.: 10510703

Method: TO-15

Description: TO15 MSV AIR

Client: APTIM Environmental Services

Date: March 12, 2020

General Information:

7 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 664431

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 3564164)
- 1,2,4-Trichlorobenzene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Insurance 1st floor **Lab ID: 10510703001** Collected: 03/02/20 16:05 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Acetone	22.2	ug/m3	4.0	2.0	1.68		03/11/20 17:45	67-64-1	
Benzene	0.99	ug/m3	0.55	0.26	1.68		03/11/20 17:45	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	2.0	1.68		03/11/20 17:45	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.61	1.68		03/11/20 17:45	75-27-4	
Bromoform	ND	ug/m3	8.8	2.4	1.68		03/11/20 17:45	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.38	1.68		03/11/20 17:45	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	0.22	1.68		03/11/20 17:45	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.0	0.62	1.68		03/11/20 17:45	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.37	1.68		03/11/20 17:45	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.72	1.68		03/11/20 17:45	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.46	1.68		03/11/20 17:45	108-90-7	
Chloroethane	ND	ug/m3	0.90	0.44	1.68		03/11/20 17:45	75-00-3	
Chloroform	ND	ug/m3	0.83	0.33	1.68		03/11/20 17:45	67-66-3	
Chloromethane	1.1	ug/m3	0.71	0.26	1.68		03/11/20 17:45	74-87-3	
Cyclohexane	ND	ug/m3	2.9	0.59	1.68		03/11/20 17:45	110-82-7	
Dibromochloromethane	ND	ug/m3	7.3	1.2	1.68		03/11/20 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.61	1.68		03/11/20 17:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.84	1.68		03/11/20 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.98	1.68		03/11/20 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.1	1.7	1.68		03/11/20 17:45	106-46-7	
Dichlorodifluoromethane	2.9	ug/m3	1.7	0.49	1.68		03/11/20 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.38	1.68		03/11/20 17:45	75-34-3	
1,2-Dichloroethane	0.95	ug/m3	0.69	0.25	1.68		03/11/20 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.46	1.68		03/11/20 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.37	1.68		03/11/20 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.48	1.68		03/11/20 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.39	1.68		03/11/20 17:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.51	1.68		03/11/20 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.74	1.68		03/11/20 17:45	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.73	1.68		03/11/20 17:45	76-14-2	
Ethanol	42.6	ug/m3	3.2	1.4	1.68		03/11/20 17:45	64-17-5	
Ethyl acetate	ND	ug/m3	1.2	0.32	1.68		03/11/20 17:45	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.51	1.68		03/11/20 17:45	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.2	0.96	1.68		03/11/20 17:45	622-96-8	
n-Heptane	1.7	ug/m3	1.4	0.64	1.68		03/11/20 17:45	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.1	3.3	1.68		03/11/20 17:45	87-68-3	
n-Hexane	1.4	ug/m3	1.2	0.52	1.68		03/11/20 17:45	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.3	1.68		03/11/20 17:45	591-78-6	
Methylene Chloride	ND	ug/m3	5.9	2.0	1.68		03/11/20 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	0.87	1.68		03/11/20 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.1	1.1	1.68		03/11/20 17:45	1634-04-4	
Naphthalene	ND	ug/m3	4.5	2.2	1.68		03/11/20 17:45	91-20-3	
2-Propanol	ND	ug/m3	4.2	1.2	1.68		03/11/20 17:45	67-63-0	
Propylene	ND	ug/m3	0.59	0.24	1.68		03/11/20 17:45	115-07-1	
Styrene	ND	ug/m3	1.5	0.58	1.68		03/11/20 17:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.52	1.68		03/11/20 17:45	79-34-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Insurance 1st floor Lab ID: 10510703001 Collected: 03/02/20 16:05 Received: 03/05/20 11:25 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	63.4	ug/m3	1.2	0.53	1.68		03/11/20 17:45	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.44	1.68		03/11/20 17:45	109-99-9	
Toluene	4.7	ug/m3	1.3	0.59	1.68		03/11/20 17:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.7	6.2	1.68		03/11/20 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.52	1.68		03/11/20 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.93	0.41	1.68		03/11/20 17:45	79-00-5	
Trichloroethene	ND	ug/m3	0.92	0.43	1.68		03/11/20 17:45	79-01-6	
Trichlorofluoromethane	3.0	ug/m3	1.9	0.61	1.68		03/11/20 17:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.6	0.95	1.68		03/11/20 17:45	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.76	1.68		03/11/20 17:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.67	1.68		03/11/20 17:45	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.45	1.68		03/11/20 17:45	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.21	1.68		03/11/20 17:45	75-01-4	
m&p-Xylene	3.0	ug/m3	3.0	1.2	1.68		03/11/20 17:45	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.58	1.68		03/11/20 17:45	95-47-6	

Sample: Insurance Basement Lab ID: 10510703002 Collected: 03/02/20 16:00 Received: 03/05/20 11:25 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	11.9	ug/m3	4.2	2.1	1.75		03/11/20 18:45	67-64-1	
Benzene	1.4	ug/m3	0.57	0.27	1.75		03/11/20 18:45	71-43-2	
Benzyl chloride	ND	ug/m3	4.6	2.1	1.75		03/11/20 18:45	100-44-7	
Bromodichloromethane	ND	ug/m3	2.4	0.64	1.75		03/11/20 18:45	75-27-4	
Bromoform	ND	ug/m3	9.2	2.5	1.75		03/11/20 18:45	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.40	1.75		03/11/20 18:45	74-83-9	
1,3-Butadiene	ND	ug/m3	0.79	0.22	1.75		03/11/20 18:45	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.2	0.65	1.75		03/11/20 18:45	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.38	1.75		03/11/20 18:45	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.75	1.75		03/11/20 18:45	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.48	1.75		03/11/20 18:45	108-90-7	
Chloroethane	ND	ug/m3	0.94	0.46	1.75		03/11/20 18:45	75-00-3	
Chloroform	ND	ug/m3	0.87	0.34	1.75		03/11/20 18:45	67-66-3	
Chloromethane	ND	ug/m3	0.74	0.27	1.75		03/11/20 18:45	74-87-3	
Cyclohexane	3.5	ug/m3	3.1	0.62	1.75		03/11/20 18:45	110-82-7	
Dibromochloromethane	ND	ug/m3	7.6	1.3	1.75		03/11/20 18:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.64	1.75		03/11/20 18:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.1	0.87	1.75		03/11/20 18:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.1	1.0	1.75		03/11/20 18:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.4	1.8	1.75		03/11/20 18:45	106-46-7	
Dichlorodifluoromethane	3.6	ug/m3	1.8	0.51	1.75		03/11/20 18:45	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.39	1.75		03/11/20 18:45	75-34-3	
1,2-Dichloroethane	0.76	ug/m3	0.72	0.26	1.75		03/11/20 18:45	107-06-2	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Insurance Basement **Lab ID: 10510703002** Collected: 03/02/20 16:00 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
1,1-Dichloroethene	ND	ug/m3	1.4	0.48	1.75		03/11/20 18:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.38	1.75		03/11/20 18:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.50	1.75		03/11/20 18:45	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.40	1.75		03/11/20 18:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.53	1.75		03/11/20 18:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.77	1.75		03/11/20 18:45	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.5	0.76	1.75		03/11/20 18:45	76-14-2	
Ethanol	19.1	ug/m3	3.4	1.4	1.75		03/11/20 18:45	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.33	1.75		03/11/20 18:45	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.53	1.75		03/11/20 18:45	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.4	1.0	1.75		03/11/20 18:45	622-96-8	
n-Heptane	2.2	ug/m3	1.5	0.66	1.75		03/11/20 18:45	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.5	3.4	1.75		03/11/20 18:45	87-68-3	
n-Hexane	1.8	ug/m3	1.3	0.54	1.75		03/11/20 18:45	110-54-3	
2-Hexanone	ND	ug/m3	7.3	1.3	1.75		03/11/20 18:45	591-78-6	
Methylene Chloride	ND	ug/m3	6.2	2.1	1.75		03/11/20 18:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.3	0.91	1.75		03/11/20 18:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.4	1.2	1.75		03/11/20 18:45	1634-04-4	
Naphthalene	ND	ug/m3	4.7	2.3	1.75		03/11/20 18:45	91-20-3	
2-Propanol	ND	ug/m3	4.4	1.2	1.75		03/11/20 18:45	67-63-0	
Propylene	ND	ug/m3	0.61	0.24	1.75		03/11/20 18:45	115-07-1	
Styrene	ND	ug/m3	1.5	0.60	1.75		03/11/20 18:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.54	1.75		03/11/20 18:45	79-34-5	
Tetrachloroethene	78.9	ug/m3	1.2	0.55	1.75		03/11/20 18:45	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.46	1.75		03/11/20 18:45	109-99-9	
Toluene	7.1	ug/m3	1.3	0.61	1.75		03/11/20 18:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.2	6.5	1.75		03/11/20 18:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.54	1.75		03/11/20 18:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.97	0.42	1.75		03/11/20 18:45	79-00-5	
Trichloroethene	ND	ug/m3	0.96	0.44	1.75		03/11/20 18:45	79-01-6	
Trichlorofluoromethane	2.6	ug/m3	2.0	0.64	1.75		03/11/20 18:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	0.99	1.75		03/11/20 18:45	76-13-1	
1,2,4-Trimethylbenzene	1.9	ug/m3	1.7	0.79	1.75		03/11/20 18:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.70	1.75		03/11/20 18:45	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.47	1.75		03/11/20 18:45	108-05-4	
Vinyl chloride	ND	ug/m3	0.46	0.22	1.75		03/11/20 18:45	75-01-4	
m&p-Xylene	4.9	ug/m3	3.1	1.2	1.75		03/11/20 18:45	179601-23-1	
o-Xylene	1.7	ug/m3	1.5	0.60	1.75		03/11/20 18:45	95-47-6	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Insurance Crawlspace **Lab ID: 10510703003** Collected: 03/02/20 15:55 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	16.3	ug/m3	4.0	2.0	1.68		03/11/20 19:15	67-64-1	
Benzene	0.75	ug/m3	0.55	0.26	1.68		03/11/20 19:15	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	2.0	1.68		03/11/20 19:15	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.61	1.68		03/11/20 19:15	75-27-4	
Bromoform	ND	ug/m3	8.8	2.4	1.68		03/11/20 19:15	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.38	1.68		03/11/20 19:15	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	0.22	1.68		03/11/20 19:15	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.0	0.62	1.68		03/11/20 19:15	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.37	1.68		03/11/20 19:15	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.72	1.68		03/11/20 19:15	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.46	1.68		03/11/20 19:15	108-90-7	
Chloroethane	ND	ug/m3	0.90	0.44	1.68		03/11/20 19:15	75-00-3	
Chloroform	ND	ug/m3	0.83	0.33	1.68		03/11/20 19:15	67-66-3	
Chloromethane	ND	ug/m3	0.71	0.26	1.68		03/11/20 19:15	74-87-3	
Cyclohexane	ND	ug/m3	2.9	0.59	1.68		03/11/20 19:15	110-82-7	
Dibromochloromethane	ND	ug/m3	7.3	1.2	1.68		03/11/20 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.61	1.68		03/11/20 19:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.84	1.68		03/11/20 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.98	1.68		03/11/20 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.1	1.7	1.68		03/11/20 19:15	106-46-7	
Dichlorodifluoromethane	3.3	ug/m3	1.7	0.49	1.68		03/11/20 19:15	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.38	1.68		03/11/20 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	0.25	1.68		03/11/20 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.46	1.68		03/11/20 19:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.37	1.68		03/11/20 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.48	1.68		03/11/20 19:15	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.39	1.68		03/11/20 19:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.51	1.68		03/11/20 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.74	1.68		03/11/20 19:15	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.73	1.68		03/11/20 19:15	76-14-2	
Ethanol	15.3	ug/m3	3.2	1.4	1.68		03/11/20 19:15	64-17-5	
Ethyl acetate	ND	ug/m3	1.2	0.32	1.68		03/11/20 19:15	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.51	1.68		03/11/20 19:15	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.2	0.96	1.68		03/11/20 19:15	622-96-8	
n-Heptane	ND	ug/m3	1.4	0.64	1.68		03/11/20 19:15	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.1	3.3	1.68		03/11/20 19:15	87-68-3	
n-Hexane	1.8	ug/m3	1.2	0.52	1.68		03/11/20 19:15	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.3	1.68		03/11/20 19:15	591-78-6	
Methylene Chloride	15.4	ug/m3	5.9	2.0	1.68		03/11/20 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	0.87	1.68		03/11/20 19:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.1	1.1	1.68		03/11/20 19:15	1634-04-4	
Naphthalene	ND	ug/m3	4.5	2.2	1.68		03/11/20 19:15	91-20-3	
2-Propanol	ND	ug/m3	4.2	1.2	1.68		03/11/20 19:15	67-63-0	
Propylene	ND	ug/m3	0.59	0.24	1.68		03/11/20 19:15	115-07-1	
Styrene	ND	ug/m3	1.5	0.58	1.68		03/11/20 19:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.52	1.68		03/11/20 19:15	79-34-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Insurance Crawlspace **Lab ID: 10510703003** Collected: 03/02/20 15:55 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	61.7	ug/m3	1.2	0.53	1.68		03/11/20 19:15	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.44	1.68		03/11/20 19:15	109-99-9	
Toluene	2.7	ug/m3	1.3	0.59	1.68		03/11/20 19:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.7	6.2	1.68		03/11/20 19:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.52	1.68		03/11/20 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.93	0.41	1.68		03/11/20 19:15	79-00-5	
Trichloroethene	ND	ug/m3	0.92	0.43	1.68		03/11/20 19:15	79-01-6	
Trichlorofluoromethane	2.7	ug/m3	1.9	0.61	1.68		03/11/20 19:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.6	0.95	1.68		03/11/20 19:15	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.76	1.68		03/11/20 19:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.67	1.68		03/11/20 19:15	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.45	1.68		03/11/20 19:15	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.21	1.68		03/11/20 19:15	75-01-4	
m&p-Xylene	ND	ug/m3	3.0	1.2	1.68		03/11/20 19:15	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.58	1.68		03/11/20 19:15	95-47-6	

Sample: Outdoor Ambient **Lab ID: 10510703004** Collected: 03/02/20 16:10 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	6.9	ug/m3	3.9	1.9	1.61		03/11/20 19:45	67-64-1	
Benzene	ND	ug/m3	0.52	0.25	1.61		03/11/20 19:45	71-43-2	
Benzyl chloride	ND	ug/m3	4.2	1.9	1.61		03/11/20 19:45	100-44-7	
Bromodichloromethane	ND	ug/m3	2.2	0.59	1.61		03/11/20 19:45	75-27-4	
Bromoform	ND	ug/m3	8.5	2.3	1.61		03/11/20 19:45	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.37	1.61		03/11/20 19:45	74-83-9	
1,3-Butadiene	ND	ug/m3	0.72	0.21	1.61		03/11/20 19:45	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.8	0.59	1.61		03/11/20 19:45	78-93-3	
Carbon disulfide	ND	ug/m3	1.0	0.35	1.61		03/11/20 19:45	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.1	0.69	1.61		03/11/20 19:45	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	0.44	1.61		03/11/20 19:45	108-90-7	
Chloroethane	ND	ug/m3	0.86	0.42	1.61		03/11/20 19:45	75-00-3	
Chloroform	ND	ug/m3	0.80	0.32	1.61		03/11/20 19:45	67-66-3	
Chloromethane	1.1	ug/m3	0.68	0.25	1.61		03/11/20 19:45	74-87-3	
Cyclohexane	ND	ug/m3	2.8	0.57	1.61		03/11/20 19:45	110-82-7	
Dibromochloromethane	ND	ug/m3	7.0	1.2	1.61		03/11/20 19:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.59	1.61		03/11/20 19:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.80	1.61		03/11/20 19:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.94	1.61		03/11/20 19:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.9	1.6	1.61		03/11/20 19:45	106-46-7	
Dichlorodifluoromethane	3.1	ug/m3	1.6	0.47	1.61		03/11/20 19:45	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.3	0.36	1.61		03/11/20 19:45	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.66	0.24	1.61		03/11/20 19:45	107-06-2	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Outdoor Ambient **Lab ID: 10510703004** Collected: 03/02/20 16:10 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
1,1-Dichloroethene	ND	ug/m3	1.3	0.44	1.61		03/11/20 19:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.3	0.35	1.61		03/11/20 19:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	0.46	1.61		03/11/20 19:45	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.5	0.37	1.61		03/11/20 19:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.5	0.49	1.61		03/11/20 19:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.5	0.71	1.61		03/11/20 19:45	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.3	0.70	1.61		03/11/20 19:45	76-14-2	
Ethanol	8.5	ug/m3	3.1	1.3	1.61		03/11/20 19:45	64-17-5	
Ethyl acetate	ND	ug/m3	1.2	0.31	1.61		03/11/20 19:45	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	0.49	1.61		03/11/20 19:45	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.0	0.92	1.61		03/11/20 19:45	622-96-8	
n-Heptane	ND	ug/m3	1.3	0.61	1.61		03/11/20 19:45	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.7	3.2	1.61		03/11/20 19:45	87-68-3	
n-Hexane	ND	ug/m3	1.2	0.50	1.61		03/11/20 19:45	110-54-3	
2-Hexanone	ND	ug/m3	6.7	1.2	1.61		03/11/20 19:45	591-78-6	
Methylene Chloride	ND	ug/m3	5.7	1.9	1.61		03/11/20 19:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.7	0.83	1.61		03/11/20 19:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.9	1.1	1.61		03/11/20 19:45	1634-04-4	
Naphthalene	ND	ug/m3	4.3	2.1	1.61		03/11/20 19:45	91-20-3	
2-Propanol	ND	ug/m3	4.0	1.1	1.61		03/11/20 19:45	67-63-0	
Propylene	ND	ug/m3	0.56	0.23	1.61		03/11/20 19:45	115-07-1	
Styrene	ND	ug/m3	1.4	0.55	1.61		03/11/20 19:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.1	0.50	1.61		03/11/20 19:45	79-34-5	
Tetrachloroethene	ND	ug/m3	1.1	0.51	1.61		03/11/20 19:45	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.97	0.42	1.61		03/11/20 19:45	109-99-9	
Toluene	ND	ug/m3	1.2	0.57	1.61		03/11/20 19:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.1	6.0	1.61		03/11/20 19:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.8	0.50	1.61		03/11/20 19:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.89	0.39	1.61		03/11/20 19:45	79-00-5	
Trichloroethene	ND	ug/m3	0.88	0.41	1.61		03/11/20 19:45	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.8	0.59	1.61		03/11/20 19:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.5	0.91	1.61		03/11/20 19:45	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.6	0.73	1.61		03/11/20 19:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.6	0.64	1.61		03/11/20 19:45	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.43	1.61		03/11/20 19:45	108-05-4	
Vinyl chloride	ND	ug/m3	0.42	0.20	1.61		03/11/20 19:45	75-01-4	
m&p-Xylene	ND	ug/m3	2.8	1.1	1.61		03/11/20 19:45	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.55	1.61		03/11/20 19:45	95-47-6	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Chastean Insurance Lab ID: 10510703005 Collected: 03/02/20 16:25 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	33.7	ug/m3	5.1	2.6	2.12		03/11/20 20:16	67-64-1	
Benzene	1.1	ug/m3	0.69	0.32	2.12		03/11/20 20:16	71-43-2	
Benzyl chloride	ND	ug/m3	5.6	2.5	2.12		03/11/20 20:16	100-44-7	
Bromodichloromethane	ND	ug/m3	2.9	0.78	2.12		03/11/20 20:16	75-27-4	
Bromoform	ND	ug/m3	11.1	3.0	2.12		03/11/20 20:16	75-25-2	
Bromomethane	ND	ug/m3	1.7	0.48	2.12		03/11/20 20:16	74-83-9	
1,3-Butadiene	ND	ug/m3	0.95	0.27	2.12		03/11/20 20:16	106-99-0	
2-Butanone (MEK)	ND	ug/m3	6.4	0.78	2.12		03/11/20 20:16	78-93-3	
Carbon disulfide	ND	ug/m3	1.3	0.46	2.12		03/11/20 20:16	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.7	0.91	2.12		03/11/20 20:16	56-23-5	
Chlorobenzene	ND	ug/m3	2.0	0.58	2.12		03/11/20 20:16	108-90-7	
Chloroethane	ND	ug/m3	1.1	0.55	2.12		03/11/20 20:16	75-00-3	
Chloroform	ND	ug/m3	1.1	0.42	2.12		03/11/20 20:16	67-66-3	
Chloromethane	ND	ug/m3	0.89	0.33	2.12		03/11/20 20:16	74-87-3	
Cyclohexane	5.0	ug/m3	3.7	0.75	2.12		03/11/20 20:16	110-82-7	
Dibromochloromethane	ND	ug/m3	9.2	1.5	2.12		03/11/20 20:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.7	0.78	2.12		03/11/20 20:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.6	1.1	2.12		03/11/20 20:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.6	1.2	2.12		03/11/20 20:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	6.5	2.1	2.12		03/11/20 20:16	106-46-7	
Dichlorodifluoromethane	5.1	ug/m3	2.1	0.62	2.12		03/11/20 20:16	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.7	0.48	2.12		03/11/20 20:16	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.87	0.32	2.12		03/11/20 20:16	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.7	0.58	2.12		03/11/20 20:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.7	0.46	2.12		03/11/20 20:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.7	0.60	2.12		03/11/20 20:16	156-60-5	
1,2-Dichloropropane	ND	ug/m3	2.0	0.49	2.12		03/11/20 20:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.64	2.12		03/11/20 20:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.93	2.12		03/11/20 20:16	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	3.0	0.93	2.12		03/11/20 20:16	76-14-2	
Ethanol	422	ug/m3	4.1	1.7	2.12		03/11/20 20:16	64-17-5	
Ethyl acetate	ND	ug/m3	1.6	0.40	2.12		03/11/20 20:16	141-78-6	
Ethylbenzene	ND	ug/m3	1.9	0.65	2.12		03/11/20 20:16	100-41-4	
4-Ethyltoluene	ND	ug/m3	5.3	1.2	2.12		03/11/20 20:16	622-96-8	
n-Heptane	2.0	ug/m3	1.8	0.81	2.12		03/11/20 20:16	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	11.5	4.2	2.12		03/11/20 20:16	87-68-3	
n-Hexane	2.2	ug/m3	1.5	0.66	2.12		03/11/20 20:16	110-54-3	
2-Hexanone	ND	ug/m3	8.8	1.6	2.12		03/11/20 20:16	591-78-6	
Methylene Chloride	12.8	ug/m3	7.5	2.6	2.12		03/11/20 20:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	8.8	1.1	2.12		03/11/20 20:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	7.8	1.4	2.12		03/11/20 20:16	1634-04-4	
Naphthalene	ND	ug/m3	5.6	2.8	2.12		03/11/20 20:16	91-20-3	
2-Propanol	9.5	ug/m3	5.3	1.5	2.12		03/11/20 20:16	67-63-0	
Propylene	ND	ug/m3	0.74	0.30	2.12		03/11/20 20:16	115-07-1	
Styrene	ND	ug/m3	1.8	0.73	2.12		03/11/20 20:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.5	0.66	2.12		03/11/20 20:16	79-34-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Chastean Insurance **Lab ID: 10510703005** Collected: 03/02/20 16:25 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	2.0	ug/m3	1.5	0.67	2.12		03/11/20 20:16	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.3	0.55	2.12		03/11/20 20:16	109-99-9	
Toluene	6.8	ug/m3	1.6	0.74	2.12		03/11/20 20:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	16.0	7.9	2.12		03/11/20 20:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.4	0.66	2.12		03/11/20 20:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.2	0.51	2.12		03/11/20 20:16	79-00-5	
Trichloroethene	ND	ug/m3	1.2	0.54	2.12		03/11/20 20:16	79-01-6	
Trichlorofluoromethane	17.7	ug/m3	2.4	0.78	2.12		03/11/20 20:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	3.3	1.2	2.12		03/11/20 20:16	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	2.1	0.96	2.12		03/11/20 20:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	2.1	0.85	2.12		03/11/20 20:16	108-67-8	
Vinyl acetate	ND	ug/m3	1.5	0.57	2.12		03/11/20 20:16	108-05-4	
Vinyl chloride	ND	ug/m3	0.55	0.27	2.12		03/11/20 20:16	75-01-4	
m&p-Xylene	ND	ug/m3	3.8	1.5	2.12		03/11/20 20:16	179601-23-1	
o-Xylene	ND	ug/m3	1.9	0.73	2.12		03/11/20 20:16	95-47-6	

Sample: Tapatia Crawlspace **Lab ID: 10510703006** Collected: 03/02/20 17:35 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	7.4	ug/m3	4.4	2.2	1.83		03/11/20 20:46	67-64-1	
Benzene	ND	ug/m3	0.59	0.28	1.83		03/11/20 20:46	71-43-2	
Benzyl chloride	ND	ug/m3	4.8	2.2	1.83		03/11/20 20:46	100-44-7	
Bromodichloromethane	ND	ug/m3	2.5	0.67	1.83		03/11/20 20:46	75-27-4	
Bromoform	ND	ug/m3	9.6	2.6	1.83		03/11/20 20:46	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.42	1.83		03/11/20 20:46	74-83-9	
1,3-Butadiene	ND	ug/m3	0.82	0.23	1.83		03/11/20 20:46	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.5	0.68	1.83		03/11/20 20:46	78-93-3	
Carbon disulfide	ND	ug/m3	1.2	0.40	1.83		03/11/20 20:46	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.79	1.83		03/11/20 20:46	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.50	1.83		03/11/20 20:46	108-90-7	
Chloroethane	ND	ug/m3	0.98	0.48	1.83		03/11/20 20:46	75-00-3	
Chloroform	ND	ug/m3	0.91	0.36	1.83		03/11/20 20:46	67-66-3	
Chloromethane	ND	ug/m3	0.77	0.29	1.83		03/11/20 20:46	74-87-3	
Cyclohexane	ND	ug/m3	3.2	0.65	1.83		03/11/20 20:46	110-82-7	
Dibromochloromethane	ND	ug/m3	7.9	1.3	1.83		03/11/20 20:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.67	1.83		03/11/20 20:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.2	0.91	1.83		03/11/20 20:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.2	1.1	1.83		03/11/20 20:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.6	1.8	1.83		03/11/20 20:46	106-46-7	
Dichlorodifluoromethane	3.2	ug/m3	1.8	0.54	1.83		03/11/20 20:46	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.41	1.83		03/11/20 20:46	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.75	0.27	1.83		03/11/20 20:46	107-06-2	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Tapatia Crawlspace **Lab ID: 10510703006** Collected: 03/02/20 17:35 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
1,1-Dichloroethene	ND	ug/m3	1.5	0.50	1.83		03/11/20 20:46	75-35-4	
cis-1,2-Dichloroethene	3.2	ug/m3	1.5	0.40	1.83		03/11/20 20:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.5	0.52	1.83		03/11/20 20:46	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.42	1.83		03/11/20 20:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.7	0.56	1.83		03/11/20 20:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.7	0.81	1.83		03/11/20 20:46	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.6	0.80	1.83		03/11/20 20:46	76-14-2	
Ethanol	6.5	ug/m3	3.5	1.5	1.83		03/11/20 20:46	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.35	1.83		03/11/20 20:46	141-78-6	
Ethylbenzene	ND	ug/m3	1.6	0.56	1.83		03/11/20 20:46	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.6	1.0	1.83		03/11/20 20:46	622-96-8	
n-Heptane	ND	ug/m3	1.5	0.70	1.83		03/11/20 20:46	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.9	3.6	1.83		03/11/20 20:46	87-68-3	
n-Hexane	ND	ug/m3	1.3	0.57	1.83		03/11/20 20:46	110-54-3	
2-Hexanone	ND	ug/m3	7.6	1.4	1.83		03/11/20 20:46	591-78-6	
Methylene Chloride	ND	ug/m3	6.5	2.2	1.83		03/11/20 20:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.6	0.95	1.83		03/11/20 20:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.7	1.2	1.83		03/11/20 20:46	1634-04-4	
Naphthalene	ND	ug/m3	4.9	2.4	1.83		03/11/20 20:46	91-20-3	
2-Propanol	ND	ug/m3	4.6	1.3	1.83		03/11/20 20:46	67-63-0	
Propylene	ND	ug/m3	0.64	0.26	1.83		03/11/20 20:46	115-07-1	
Styrene	ND	ug/m3	1.6	0.63	1.83		03/11/20 20:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.3	0.57	1.83		03/11/20 20:46	79-34-5	
Tetrachloroethene	139	ug/m3	1.3	0.57	1.83		03/11/20 20:46	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.1	0.48	1.83		03/11/20 20:46	109-99-9	
Toluene	ND	ug/m3	1.4	0.64	1.83		03/11/20 20:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.8	6.8	1.83		03/11/20 20:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.57	1.83		03/11/20 20:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.0	0.44	1.83		03/11/20 20:46	79-00-5	
Trichloroethene	ND	ug/m3	1.0	0.46	1.83		03/11/20 20:46	79-01-6	
Trichlorofluoromethane	2.3	ug/m3	2.1	0.67	1.83		03/11/20 20:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.9	1.0	1.83		03/11/20 20:46	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.8	0.83	1.83		03/11/20 20:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.73	1.83		03/11/20 20:46	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.49	1.83		03/11/20 20:46	108-05-4	
Vinyl chloride	ND	ug/m3	0.48	0.23	1.83		03/11/20 20:46	75-01-4	
m&p-Xylene	ND	ug/m3	3.2	1.3	1.83		03/11/20 20:46	179601-23-1	
o-Xylene	ND	ug/m3	1.6	0.63	1.83		03/11/20 20:46	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Tapatia 1st floor **Lab ID: 10510703007** Collected: 03/02/20 17:40 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	24.5	ug/m3	4.4	2.2	1.83		03/11/20 21:17	67-64-1	
Benzene	0.61	ug/m3	0.59	0.28	1.83		03/11/20 21:17	71-43-2	
Benzyl chloride	ND	ug/m3	4.8	2.2	1.83		03/11/20 21:17	100-44-7	
Bromodichloromethane	ND	ug/m3	2.5	0.67	1.83		03/11/20 21:17	75-27-4	
Bromoform	ND	ug/m3	9.6	2.6	1.83		03/11/20 21:17	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.42	1.83		03/11/20 21:17	74-83-9	
1,3-Butadiene	ND	ug/m3	0.82	0.23	1.83		03/11/20 21:17	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.5	0.68	1.83		03/11/20 21:17	78-93-3	
Carbon disulfide	ND	ug/m3	1.2	0.40	1.83		03/11/20 21:17	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.79	1.83		03/11/20 21:17	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.50	1.83		03/11/20 21:17	108-90-7	
Chloroethane	ND	ug/m3	0.98	0.48	1.83		03/11/20 21:17	75-00-3	
Chloroform	ND	ug/m3	0.91	0.36	1.83		03/11/20 21:17	67-66-3	
Chloromethane	1.7	ug/m3	0.77	0.29	1.83		03/11/20 21:17	74-87-3	
Cyclohexane	ND	ug/m3	3.2	0.65	1.83		03/11/20 21:17	110-82-7	
Dibromochloromethane	ND	ug/m3	7.9	1.3	1.83		03/11/20 21:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.67	1.83		03/11/20 21:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.2	0.91	1.83		03/11/20 21:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.2	1.1	1.83		03/11/20 21:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.6	1.8	1.83		03/11/20 21:17	106-46-7	
Dichlorodifluoromethane	3.3	ug/m3	1.8	0.54	1.83		03/11/20 21:17	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.41	1.83		03/11/20 21:17	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.75	0.27	1.83		03/11/20 21:17	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.5	0.50	1.83		03/11/20 21:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.5	0.40	1.83		03/11/20 21:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.5	0.52	1.83		03/11/20 21:17	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.42	1.83		03/11/20 21:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.7	0.56	1.83		03/11/20 21:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.7	0.81	1.83		03/11/20 21:17	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.6	0.80	1.83		03/11/20 21:17	76-14-2	
Ethanol	327	ug/m3	3.5	1.5	1.83		03/11/20 21:17	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.35	1.83		03/11/20 21:17	141-78-6	
Ethylbenzene	ND	ug/m3	1.6	0.56	1.83		03/11/20 21:17	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.6	1.0	1.83		03/11/20 21:17	622-96-8	
n-Heptane	1.7	ug/m3	1.5	0.70	1.83		03/11/20 21:17	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.9	3.6	1.83		03/11/20 21:17	87-68-3	
n-Hexane	ND	ug/m3	1.3	0.57	1.83		03/11/20 21:17	110-54-3	
2-Hexanone	ND	ug/m3	7.6	1.4	1.83		03/11/20 21:17	591-78-6	
Methylene Chloride	ND	ug/m3	6.5	2.2	1.83		03/11/20 21:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.6	0.95	1.83		03/11/20 21:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.7	1.2	1.83		03/11/20 21:17	1634-04-4	
Naphthalene	ND	ug/m3	4.9	2.4	1.83		03/11/20 21:17	91-20-3	
2-Propanol	4.8	ug/m3	4.6	1.3	1.83		03/11/20 21:17	67-63-0	
Propylene	ND	ug/m3	0.64	0.26	1.83		03/11/20 21:17	115-07-1	
Styrene	1.6	ug/m3	1.6	0.63	1.83		03/11/20 21:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.3	0.57	1.83		03/11/20 21:17	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10510703

Sample: Tapatia 1st floor **Lab ID: 10510703007** Collected: 03/02/20 17:40 Received: 03/05/20 11:25 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	13.5	ug/m3	1.3	0.57	1.83		03/11/20 21:17	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.1	0.48	1.83		03/11/20 21:17	109-99-9	
Toluene	ND	ug/m3	1.4	0.64	1.83		03/11/20 21:17	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.8	6.8	1.83		03/11/20 21:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.57	1.83		03/11/20 21:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.0	0.44	1.83		03/11/20 21:17	79-00-5	
Trichloroethene	ND	ug/m3	1.0	0.46	1.83		03/11/20 21:17	79-01-6	
Trichlorofluoromethane	2.2	ug/m3	2.1	0.67	1.83		03/11/20 21:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.9	1.0	1.83		03/11/20 21:17	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.8	0.83	1.83		03/11/20 21:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.73	1.83		03/11/20 21:17	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.49	1.83		03/11/20 21:17	108-05-4	
Vinyl chloride	ND	ug/m3	0.48	0.23	1.83		03/11/20 21:17	75-01-4	
m&p-Xylene	ND	ug/m3	3.2	1.3	1.83		03/11/20 21:17	179601-23-1	
o-Xylene	ND	ug/m3	1.6	0.63	1.83		03/11/20 21:17	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510703

QC Batch: 664431

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Associated Lab Samples: 10510703001, 10510703002, 10510703003, 10510703004, 10510703005, 10510703006, 10510703007

METHOD BLANK: 3564163

Matrix: Air

Associated Lab Samples: 10510703001, 10510703002, 10510703003, 10510703004, 10510703005, 10510703006, 10510703007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	03/11/20 12:30	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.35	03/11/20 12:30	
1,1,2-Trichloroethane	ug/m3	ND	0.28	03/11/20 12:30	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.78	03/11/20 12:30	
1,1-Dichloroethane	ug/m3	ND	0.41	03/11/20 12:30	
1,1-Dichloroethene	ug/m3	ND	0.40	03/11/20 12:30	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	03/11/20 12:30	
1,2,4-Trimethylbenzene	ug/m3	ND	0.50	03/11/20 12:30	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.39	03/11/20 12:30	
1,2-Dichlorobenzene	ug/m3	ND	0.61	03/11/20 12:30	
1,2-Dichloroethane	ug/m3	ND	0.21	03/11/20 12:30	
1,2-Dichloropropane	ug/m3	ND	0.47	03/11/20 12:30	
1,3,5-Trimethylbenzene	ug/m3	ND	0.50	03/11/20 12:30	
1,3-Butadiene	ug/m3	ND	0.22	03/11/20 12:30	
1,3-Dichlorobenzene	ug/m3	ND	0.61	03/11/20 12:30	
1,4-Dichlorobenzene	ug/m3	ND	1.5	03/11/20 12:30	
2-Butanone (MEK)	ug/m3	ND	1.5	03/11/20 12:30	
2-Hexanone	ug/m3	ND	2.1	03/11/20 12:30	
2-Propanol	ug/m3	ND	1.2	03/11/20 12:30	
4-Ethyltoluene	ug/m3	ND	1.2	03/11/20 12:30	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	2.1	03/11/20 12:30	
Acetone	ug/m3	ND	1.2	03/11/20 12:30	
Benzene	ug/m3	ND	0.16	03/11/20 12:30	
Benzyl chloride	ug/m3	ND	1.3	03/11/20 12:30	
Bromodichloromethane	ug/m3	ND	0.68	03/11/20 12:30	
Bromoform	ug/m3	ND	2.6	03/11/20 12:30	
Bromomethane	ug/m3	ND	0.39	03/11/20 12:30	
Carbon disulfide	ug/m3	ND	0.32	03/11/20 12:30	
Carbon tetrachloride	ug/m3	ND	0.64	03/11/20 12:30	
Chlorobenzene	ug/m3	ND	0.47	03/11/20 12:30	
Chloroethane	ug/m3	ND	0.27	03/11/20 12:30	
Chloroform	ug/m3	ND	0.25	03/11/20 12:30	
Chloromethane	ug/m3	ND	0.21	03/11/20 12:30	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	03/11/20 12:30	
cis-1,3-Dichloropropene	ug/m3	ND	0.46	03/11/20 12:30	
Cyclohexane	ug/m3	ND	0.88	03/11/20 12:30	
Dibromochloromethane	ug/m3	ND	2.2	03/11/20 12:30	MN
Dichlorodifluoromethane	ug/m3	ND	0.50	03/11/20 12:30	
Dichlorotetrafluoroethane	ug/m3	ND	0.71	03/11/20 12:30	
Ethanol	ug/m3	ND	0.96	03/11/20 12:30	
Ethyl acetate	ug/m3	ND	0.37	03/11/20 12:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510703

METHOD BLANK: 3564163

Matrix: Air

Associated Lab Samples: 10510703001, 10510703002, 10510703003, 10510703004, 10510703005, 10510703006, 10510703007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.44	03/11/20 12:30	
Hexachloro-1,3-butadiene	ug/m3	ND	2.7	03/11/20 12:30	
m&p-Xylene	ug/m3	ND	0.88	03/11/20 12:30	
Methyl-tert-butyl ether	ug/m3	ND	1.8	03/11/20 12:30	
Methylene Chloride	ug/m3	ND	1.8	03/11/20 12:30	
n-Heptane	ug/m3	ND	0.42	03/11/20 12:30	
n-Hexane	ug/m3	ND	0.36	03/11/20 12:30	
Naphthalene	ug/m3	ND	1.3	03/11/20 12:30	
o-Xylene	ug/m3	ND	0.44	03/11/20 12:30	
Propylene	ug/m3	ND	0.18	03/11/20 12:30	
Styrene	ug/m3	ND	0.43	03/11/20 12:30	
Tetrachloroethene	ug/m3	ND	0.34	03/11/20 12:30	
Tetrahydrofuran	ug/m3	ND	0.30	03/11/20 12:30	
Toluene	ug/m3	ND	0.38	03/11/20 12:30	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	03/11/20 12:30	
trans-1,3-Dichloropropene	ug/m3	ND	0.46	03/11/20 12:30	
Trichloroethene	ug/m3	ND	0.27	03/11/20 12:30	
Trichlorofluoromethane	ug/m3	ND	0.57	03/11/20 12:30	
Vinyl acetate	ug/m3	ND	0.36	03/11/20 12:30	
Vinyl chloride	ug/m3	ND	0.13	03/11/20 12:30	

LABORATORY CONTROL SAMPLE: 3564164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	58.9	103	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	76.2	106	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	58.8	103	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	84.9	106	70-130	
1,1-Dichloroethane	ug/m3	42.7	42.5	100	70-130	
1,1-Dichloroethene	ug/m3	41.4	43.6	105	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	138	89	70-130	SS
1,2,4-Trimethylbenzene	ug/m3	51.5	54.6	106	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	83.0	103	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	70.8	112	70-136	
1,2-Dichloroethane	ug/m3	42.4	44.9	106	70-130	
1,2-Dichloropropane	ug/m3	48.6	49.0	101	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	56.9	110	70-136	
1,3-Butadiene	ug/m3	23.3	24.2	104	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	56.7	89	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	55.9	88	70-145	
2-Butanone (MEK)	ug/m3	31.4	26.8	85	61-130	
2-Hexanone	ug/m3	42.8	38.3	89	70-138	
2-Propanol	ug/m3	119	126	106	70-136	
4-Ethyltoluene	ug/m3	52.4	48.1	92	70-142	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510703

LABORATORY CONTROL SAMPLE: 3564164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	49.5	114	70-134	
Acetone	ug/m3	126	98.7	78	59-137	
Benzene	ug/m3	33.5	32.2	96	70-133	
Benzyl chloride	ug/m3	55.1	48.9	89	70-139	
Bromodichloromethane	ug/m3	71.5	78.9	110	70-130	
Bromoform	ug/m3	110	95.8	87	60-140	
Bromomethane	ug/m3	41.3	41.1	99	70-131	
Carbon disulfide	ug/m3	33.3	30.9	93	70-130	
Carbon tetrachloride	ug/m3	66.2	70.9	107	70-133	
Chlorobenzene	ug/m3	48.3	47.9	99	70-131	
Chloroethane	ug/m3	28.1	29.5	105	70-141	
Chloroform	ug/m3	51.1	50.4	99	70-130	
Chloromethane	ug/m3	21.9	22.1	101	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	40.8	98	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	41.9	88	70-138	
Cyclohexane	ug/m3	36.7	38.2	104	70-133	
Dibromochloromethane	ug/m3	90.7	79.2	87	70-139	
Dichlorodifluoromethane	ug/m3	51.6	52.0	101	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	70.7	97	65-133	
Ethanol	ug/m3	103	113	110	65-135	
Ethyl acetate	ug/m3	38.6	41.4	107	70-135	
Ethylbenzene	ug/m3	45.6	47.9	105	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	123	110	70-134	
m&p-Xylene	ug/m3	91.2	97.3	107	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	38.7	101	70-131	
Methylene Chloride	ug/m3	182	168	92	69-130	
n-Heptane	ug/m3	43.6	45.3	104	70-130	
n-Hexane	ug/m3	37.6	36.6	97	70-131	
Naphthalene	ug/m3	57.7	49.0	85	63-130	
o-Xylene	ug/m3	45.5	47.9	105	70-135	
Propylene	ug/m3	18.2	17.5	96	63-139	
Styrene	ug/m3	44.9	40.1	89	70-143	
Tetrachloroethene	ug/m3	71	71.2	100	70-136	
Tetrahydrofuran	ug/m3	31.5	36.8	117	70-137	
Toluene	ug/m3	39.5	40.7	103	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	44.4	105	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	42.2	89	70-139	
Trichloroethene	ug/m3	56.3	56.6	100	70-132	
Trichlorofluoromethane	ug/m3	59.7	62.3	105	65-136	
Vinyl acetate	ug/m3	34.5	36.3	105	66-140	
Vinyl chloride	ug/m3	26.7	25.8	97	68-141	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510703

SAMPLE DUPLICATE: 3564782

Parameter	Units	10510703001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	1.3J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	0.95	0.94	1	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	ND		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	2.7J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	22.2	23.0	4	25	
Benzene	ug/m3	0.99	1.0	1	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	.4J		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	1.3		25	
Chloromethane	ug/m3	1.1	1.1	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	2.5J		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.9	3.0	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	42.6	43.6	2	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	.75J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	3.0	3.0	1	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	5.6J		25	
n-Heptane	ug/m3	1.7	1.8	6	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10510703

SAMPLE DUPLICATE: 3564782

Parameter	Units	10510703001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.4	1.6	17	25	
Naphthalene	ug/m3	ND	3.2J		25	
o-Xylene	ug/m3	ND	1.1J		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	63.4	62.4	2	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	4.7	4.7	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	3.0	3.0	1	25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 631009876 Arcadia

Pace Project No.: 10510703

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

SS This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 631009876 Arcadia

Pace Project No.: 10510703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10510703001	Insurance 1st floor	TO-15	664431		
10510703002	Insurance Basement	TO-15	664431		
10510703003	Insurance Crawlspace	TO-15	664431		
10510703004	Outdoor Ambient	TO-15	664431		
10510703005	Chastean Insurance	TO-15	664431		
10510703006	Tapatia Crawlspace	TO-15	664431		
10510703007	Tapatia 1st floor	TO-15	664431		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY

The Chain-of-Custody is a LEGAL DOCUMENT

WO#: 10510703



10510703

40255

Page: of

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Program:	
Company: APTIM		Report To: Mark Finney		Attention:		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Address:		Copy To:		Company Name:		Location of Sampling by State	
Email To: Mark.Finney@aptim.com		Purchase Order No.:		Address:		Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____	
Phone: 816-809-3256 Fax:		Project Name: Acadia		Pace Quote Reference:		Report Level: II _____ III _____ IV _____ Other _____	
Requested Due Date/TAT:		Project Number: 631809376		Pace Project Manager/Sales Rep.		Pace Profile #: 39447	

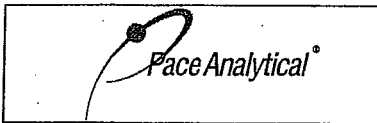
ITEM #	'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:								Pace Lab ID	
					COMPOSITE START		COMPOSITE - END/GRAB						PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List (VOCs)	TO-15 Short List BTEX	TO-15 Short List Chlorinated		TO-15 Short List (Other)
					DATE	TIME	DATE	TIME														
1	Insurance 1st floor	6LC	3/2/20	815	3/2/20	1605	30	6	2183	1060							X	W1				
2	Insurance basement	6LC	3/2/20	810	3/2/20	1600	30	6.5	1201	2278							X	W2				
3	Insurance crawlspace	6LC	3/2/20	800	3/2/20	1555	30	6	950	0434							X	W3				
4	Outdoor ambient	6LC	3/2/20	830	3/2/20	1610	30	5.5	3608	1807							X	W4				
5	Chasteen Insurance	6LC	3/2/20	905	3/2/20	1625	30	11	1639	0306							X	W5				
6	Tapatia Crawlspace	6LC	3/2/20	1000	3/2/20	1735	30	8	1056	2499							X	W6				
7	Tapatia 1st floor	6LC	3/2/20	1005	3/2/20	1740	30	7	1263	0318							X	W7				
8																						
9																						
10																						
11																						
12																						

Comments:	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS					
	<i>[Signature]</i>	APTIM	3/2/20	<i>[Signature]</i>	PACE	3/5/20	1125	-	Y/N	Y/N	Y/N	Y/N
									Y/N	Y/N	Y/N	Y/N
									Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER: <i>Jared Schmidt</i>					
SIGNATURE of SAMPLER: <i>[Signature]</i>					
DATE Signed (MM / DD / YY) 03/03/20					

ORIGINAL

Page 26 of 28



Document Name:
Air Sample Condition Upon Receipt

Document No.:
F-MN-A-106-rev.20

Document Revised: 19Nov2019
Page 1 of 1

Pace Analytical Services -
Minneapolis

**Air Sample Condition
Upon Receipt**

Client Name:
Aptim

Project #:

WO#: 10510703

Courier: Fed Ex UPS USPS Client
 Pace SpeedDee Commercial See Exception

PM: KNH Due Date: 03/19/20
CLIENT: APTIM

Tracking Number: _____

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: G87A9170600254
 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: 3/5/20 LJ

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans <input checked="" type="checkbox"/> N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
Insurance 1st	2183	1060	-6	+5	Unused	1195	2821	-29	-
Insurance base	1201	2278	-7	+5	11	0843	1168	-29	-
Insurance crew	0950	0434	-6	+5	11	1232	2156	-29	-
Outdoor ambient	3608	1807	-5	+5					
Chasteau Inlet	1639	0306	-11	+5					
Tapatia crew	1056	2499	-8	+5					
Tapatia 1st	1263	0318	-8	+5					
Unused	3675	0256	-29	-					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____

Date/Time: _____

Comments/Resolution: Collected in Wisconsin.

Project Manager Review: Kristen Hofer

Date: 3/5/2020



Document Name:
SCUR Exception Form – Coolers Above 6°C

Document Revised: 08Apr2019
 Page 1 of 1

Document No.:
F-MN-C-298-Rev.02

Issuing Authority:
 Pace Minnesota Quality Office

During sample triage, this form is to be placed in each cooler that arrives above 6.0 degrees Celsius

SCUR Exceptions:

Workorder #:

Out of Temp Sample IDs	Container Type	# of Containers	PM Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No																		
			If yes, indicate who was contacted/date/time. If no, indicate reason why.																		
			Multiple Cooler Project? <input type="checkbox"/> Yes <input type="checkbox"/> No If you answered yes, fill out information to the left.																		
			<table border="1"> <thead> <tr> <th colspan="3">No Temp Blank</th> </tr> <tr> <th>Read Temp</th> <th>Corrected Temp</th> <th>Average Temp</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>	No Temp Blank			Read Temp	Corrected Temp	Average Temp												
No Temp Blank																					
Read Temp	Corrected Temp	Average Temp																			

Tracking Number/Temperature
1083 0285 5790
1083 0285 6330
5779
5780

Other Issues		
Issue Type:	Container Type	# of Containers
Sample ID		

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preserv.	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance after addition? <input type="checkbox"/> Yes <input type="checkbox"/> No	Initials
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	

August 21, 2020

Mark Finney
APTIM
8725 Rosehill Road
Suite 450
Lenexa, KS 66215

RE: Project: 631009876 Arcadia
Pace Project No.: 10527827

Dear Mark Finney:

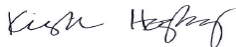
Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Pace Analytical Services - Minneapolis MN

A2LA Certification #: 2926.01	Minnesota Petrofund Certification #: 1240
Alabama Certification #: 40770	Mississippi Certification #: MN00064
Alaska Contaminated Sites Certification #: 17-009	Missouri Certification #: 10100
Alaska DW Certification #: MN00064	Montana Certification #: CERT0092
Arizona Certification #: AZ0014	Nebraska Certification #: NE-OS-18-06
Arkansas DW Certification #: MN00064	Nevada Certification #: MN00064
Arkansas WW Certification #: 88-0680	New Hampshire Certification #: 2081
California Certification #: 2929	New Jersey Certification #: MN002
CNMI Saipan Certification #: MP0003	New York Certification #: 11647
Colorado Certification #: MN00064	North Carolina DW Certification #: 27700
Connecticut Certification #: PH-0256	North Carolina WW Certification #: 530
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Dakota Certification #: R-036
Florida Certification #: E87605	Ohio DW Certification #: 41244
Georgia Certification #: 959	Ohio VAP Certification #: CL101
Guam EPA Certification #: MN00064	Oklahoma Certification #: 9507
Hawaii Certification #: MN00064	Oregon Primary Certification #: MN300001
Idaho Certification #: MN00064	Oregon Secondary Certification #: MN200001
Illinois Certification #: 200011	Pennsylvania Certification #: 68-00563
Indiana Certification #: C-MN-01	Puerto Rico Certification #: MN00064
Iowa Certification #: 368	South Carolina Certification #: 74003001
Kansas Certification #: E-10167	Tennessee Certification #: TN02818
Kentucky DW Certification #: 90062	Texas Certification #: T104704192
Kentucky WW Certification #: 90062	Utah Certification #: MN00064
Louisiana DEQ Certification #: 03086	Vermont Certification #: VT-027053137
Louisiana DW Certification #: MN00064	Virginia Certification #: 460163
Maine Certification #: MN00064	Washington Certification #: C486
Maryland Certification #: 322	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01
Minnesota Dept of Ag Certification #: via MN 027-053-137	

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 631009876 Arcadia

Pace Project No.: 10527827

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10527827001	Insurance 1st Floor	Air	08/06/20 15:35	08/10/20 14:40
10527827002	Insurance Basement	Air	08/06/20 15:25	08/10/20 14:40
10527827003	Insurance Crawlspace	Air	08/06/20 15:27	08/10/20 14:40
10527827004	Outdoor Ambient	Air	08/06/20 15:00	08/10/20 14:40
10527827005	Chasteen Insurance	Air	08/06/20 15:51	08/10/20 14:40
10527827006	Tapatia Crawlspace	Air	08/06/20 16:05	08/10/20 14:40
10527827007	Tapatia 1st Floor	Air	08/06/20 16:00	08/10/20 14:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 631009876 Arcadia
Pace Project No.: 10527827

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10527827001	Insurance 1st Floor	TO-15	CH1	61
10527827002	Insurance Basement	TO-15	CH1	61
10527827003	Insurance Crawlspace	TO-15	CH1	61
10527827004	Outdoor Ambient	TO-15	CH1	61
10527827005	Chasteen Insurance	TO-15	CH1	61
10527827006	Tapatia Crawlspace	TO-15	CH1	61
10527827007	Tapatia 1st Floor	TO-15	CH1	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10527827

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10527827001	Insurance 1st Floor					
TO-15	Acetone	42.7	ug/m3	8.8	08/20/20 18:39	
TO-15	Benzene	2.8	ug/m3	0.47	08/20/20 18:39	
TO-15	2-Butanone (MEK)	7.0	ug/m3	4.4	08/20/20 18:39	
TO-15	Chloroform	2.4	ug/m3	0.72	08/20/20 18:39	
TO-15	Chloromethane	1.2	ug/m3	0.61	08/20/20 18:39	
TO-15	Dichlorodifluoromethane	2.5	ug/m3	1.5	08/20/20 18:39	
TO-15	1,2-Dichloroethane	8.3	ug/m3	0.60	08/20/20 18:39	
TO-15	Ethanol	257	ug/m3	2.8	08/20/20 18:39	
TO-15	Ethyl acetate	3.7	ug/m3	1.1	08/20/20 18:39	
TO-15	Ethylbenzene	1.6	ug/m3	1.3	08/20/20 18:39	
TO-15	n-Heptane	4.6	ug/m3	1.2	08/20/20 18:39	
TO-15	n-Hexane	4.9	ug/m3	1.0	08/20/20 18:39	
TO-15	2-Propanol	5.5	ug/m3	3.6	08/20/20 18:39	
TO-15	Tetrachloroethene	92.7	ug/m3	1.0	08/20/20 18:39	
TO-15	Toluene	13.2	ug/m3	1.1	08/20/20 18:39	
TO-15	Trichloroethene	0.82	ug/m3	0.80	08/20/20 18:39	
TO-15	Trichlorofluoromethane	5.7	ug/m3	1.7	08/20/20 18:39	
TO-15	1,2,4-Trimethylbenzene	2.5	ug/m3	1.5	08/20/20 18:39	
TO-15	m&p-Xylene	6.5	ug/m3	2.6	08/20/20 18:39	
TO-15	o-Xylene	2.3	ug/m3	1.3	08/20/20 18:39	
10527827002	Insurance Basement					
TO-15	Acetone	15.0	ug/m3	8.8	08/20/20 19:06	
TO-15	Benzene	2.2	ug/m3	0.47	08/20/20 19:06	
TO-15	Bromodichloromethane	6.7	ug/m3	2.0	08/20/20 19:06	
TO-15	2-Butanone (MEK)	5.6	ug/m3	4.4	08/20/20 19:06	
TO-15	Chloroform	11.0	ug/m3	0.72	08/20/20 19:06	
TO-15	Chloromethane	1.0	ug/m3	0.61	08/20/20 19:06	
TO-15	Cyclohexane	4.5	ug/m3	2.6	08/20/20 19:06	
TO-15	Dichlorodifluoromethane	2.7	ug/m3	1.5	08/20/20 19:06	
TO-15	1,2-Dichloroethane	5.7	ug/m3	0.60	08/20/20 19:06	
TO-15	Ethanol	15.2	ug/m3	2.8	08/20/20 19:06	
TO-15	n-Heptane	2.2	ug/m3	1.2	08/20/20 19:06	
TO-15	n-Hexane	4.1	ug/m3	1.0	08/20/20 19:06	
TO-15	Tetrachloroethene	96.9	ug/m3	1.0	08/20/20 19:06	
TO-15	Toluene	7.8	ug/m3	1.1	08/20/20 19:06	
TO-15	Trichlorofluoromethane	3.8	ug/m3	1.7	08/20/20 19:06	
TO-15	m&p-Xylene	4.8	ug/m3	2.6	08/20/20 19:06	
TO-15	o-Xylene	2.2	ug/m3	1.3	08/20/20 19:06	
10527827003	Insurance Crawlspace					
TO-15	Acetone	11.7	ug/m3	8.5	08/20/20 19:33	
TO-15	Benzene	2.3	ug/m3	0.46	08/20/20 19:33	
TO-15	Bromodichloromethane	4.4	ug/m3	1.9	08/20/20 19:33	
TO-15	Chloroform	8.0	ug/m3	0.70	08/20/20 19:33	
TO-15	Chloromethane	0.95	ug/m3	0.59	08/20/20 19:33	
TO-15	Cyclohexane	4.5	ug/m3	2.5	08/20/20 19:33	
TO-15	Dichlorodifluoromethane	2.9	ug/m3	1.4	08/20/20 19:33	

REPORT OF LABORATORY ANALYSIS

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August 12, 2020

Mark Finney
APTIM
8725 Rosehill Road
Suite 450
Lenexa, KS 66215

RE: Project: 631009876 ARCADIA
Pace Project No.: 40212567

Dear Mark Finney:

Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Jared Schmidt, APTIM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 631009876 ARCADIA
Pace Project No.: 40212567

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40212567001	INSURANCE SUMP	Water	08/06/20 08:40	08/07/20 13:35
40212567002	INSURANCE 2	Water	08/06/20 08:50	08/07/20 13:35
40212567003	TRIP BLANK	Water	08/06/20 00:00	08/07/20 13:35

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SAMPLE ANALYTE COUNT

Project: 631009876 ARCADIA
Pace Project No.: 40212567

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40212567001	INSURANCE SUMP	EPA 8260	LAP	64	PASI-G
40212567002	INSURANCE 2	EPA 8260	LAP	64	PASI-G
40212567003	TRIP BLANK	EPA 8260	LAP	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40212567001	INSURANCE SUMP					
EPA 8260	Bromodichloromethane	1.3	ug/L	1.2	08/11/20 14:37	
EPA 8260	Chloroform	1.9J	ug/L	5.0	08/11/20 14:37	
40212567002	INSURANCE 2					
EPA 8260	Bromodichloromethane	1.4	ug/L	1.2	08/11/20 14:15	
EPA 8260	Chloroform	2.0J	ug/L	5.0	08/11/20 14:15	

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ANALYTICAL RESULTS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Sample: INSURANCE SUMP **Lab ID: 40212567001** Collected: 08/06/20 08:40 Received: 08/07/20 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		08/11/20 14:37	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/11/20 14:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/11/20 14:37	74-97-5	
Bromodichloromethane	1.3	ug/L	1.2	0.36	1		08/11/20 14:37	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/11/20 14:37	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/11/20 14:37	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 14:37	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/11/20 14:37	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/11/20 14:37	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		08/11/20 14:37	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 14:37	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/11/20 14:37	75-00-3	
Chloroform	1.9J	ug/L	5.0	1.3	1		08/11/20 14:37	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/11/20 14:37	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/11/20 14:37	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/11/20 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/11/20 14:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/11/20 14:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/11/20 14:37	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/11/20 14:37	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 14:37	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/11/20 14:37	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/11/20 14:37	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/11/20 14:37	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/11/20 14:37	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/11/20 14:37	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/11/20 14:37	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/11/20 14:37	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		08/11/20 14:37	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/11/20 14:37	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/11/20 14:37	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/11/20 14:37	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/11/20 14:37	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/11/20 14:37	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/11/20 14:37	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/11/20 14:37	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		08/11/20 14:37	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		08/11/20 14:37	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		08/11/20 14:37	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/11/20 14:37	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/11/20 14:37	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/11/20 14:37	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/11/20 14:37	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/11/20 14:37	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		08/11/20 14:37	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Sample: INSURANCE SUMP **Lab ID: 40212567001** Collected: 08/06/20 08:40 Received: 08/07/20 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/11/20 14:37	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/11/20 14:37	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/11/20 14:37	127-18-4	
Toluene	<0.27	ug/L	0.90	0.27	1		08/11/20 14:37	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		08/11/20 14:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/11/20 14:37	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/11/20 14:37	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/11/20 14:37	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		08/11/20 14:37	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/11/20 14:37	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/11/20 14:37	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/11/20 14:37	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/11/20 14:37	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/11/20 14:37	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/11/20 14:37	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/11/20 14:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		08/11/20 14:37	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		08/11/20 14:37	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		08/11/20 14:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Sample: INSURANCE 2 **Lab ID: 40212567002** Collected: 08/06/20 08:50 Received: 08/07/20 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		08/11/20 14:15	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/11/20 14:15	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/11/20 14:15	74-97-5	
Bromodichloromethane	1.4	ug/L	1.2	0.36	1		08/11/20 14:15	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/11/20 14:15	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/11/20 14:15	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 14:15	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/11/20 14:15	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/11/20 14:15	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		08/11/20 14:15	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 14:15	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/11/20 14:15	75-00-3	
Chloroform	2.0J	ug/L	5.0	1.3	1		08/11/20 14:15	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/11/20 14:15	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/11/20 14:15	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/11/20 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/11/20 14:15	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/11/20 14:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/11/20 14:15	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/11/20 14:15	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 14:15	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/11/20 14:15	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/11/20 14:15	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/11/20 14:15	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/11/20 14:15	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/11/20 14:15	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/11/20 14:15	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/11/20 14:15	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		08/11/20 14:15	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/11/20 14:15	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/11/20 14:15	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/11/20 14:15	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/11/20 14:15	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/11/20 14:15	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/11/20 14:15	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/11/20 14:15	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		08/11/20 14:15	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		08/11/20 14:15	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		08/11/20 14:15	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/11/20 14:15	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/11/20 14:15	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/11/20 14:15	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/11/20 14:15	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/11/20 14:15	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		08/11/20 14:15	100-42-5	

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ANALYTICAL RESULTS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Sample: INSURANCE 2 **Lab ID: 40212567002** Collected: 08/06/20 08:50 Received: 08/07/20 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/11/20 14:15	630-20-6	
1,1,1,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/11/20 14:15	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/11/20 14:15	127-18-4	
Toluene	<0.27	ug/L	0.90	0.27	1		08/11/20 14:15	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		08/11/20 14:15	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/11/20 14:15	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/11/20 14:15	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/11/20 14:15	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		08/11/20 14:15	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/11/20 14:15	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/11/20 14:15	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/11/20 14:15	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/11/20 14:15	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/11/20 14:15	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/11/20 14:15	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/11/20 14:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		08/11/20 14:15	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		08/11/20 14:15	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/11/20 14:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Sample: TRIP BLANK **Lab ID: 40212567003** Collected: 08/06/20 00:00 Received: 08/07/20 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		08/11/20 12:47	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/11/20 12:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/11/20 12:47	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/11/20 12:47	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/11/20 12:47	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/11/20 12:47	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 12:47	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/11/20 12:47	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/11/20 12:47	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		08/11/20 12:47	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 12:47	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/11/20 12:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/11/20 12:47	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/11/20 12:47	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/11/20 12:47	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/11/20 12:47	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/11/20 12:47	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/11/20 12:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/11/20 12:47	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/11/20 12:47	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/11/20 12:47	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/11/20 12:47	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/11/20 12:47	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/11/20 12:47	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/11/20 12:47	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/11/20 12:47	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/11/20 12:47	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/11/20 12:47	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		08/11/20 12:47	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/11/20 12:47	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/11/20 12:47	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/11/20 12:47	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/11/20 12:47	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/11/20 12:47	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/11/20 12:47	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/11/20 12:47	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		08/11/20 12:47	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		08/11/20 12:47	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		08/11/20 12:47	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/11/20 12:47	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/11/20 12:47	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/11/20 12:47	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/11/20 12:47	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/11/20 12:47	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		08/11/20 12:47	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

Sample: TRIP BLANK **Lab ID: 40212567003** Collected: 08/06/20 00:00 Received: 08/07/20 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/11/20 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/11/20 12:47	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/11/20 12:47	127-18-4	
Toluene	<0.27	ug/L	0.90	0.27	1		08/11/20 12:47	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		08/11/20 12:47	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/11/20 12:47	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/11/20 12:47	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/11/20 12:47	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		08/11/20 12:47	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/11/20 12:47	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/11/20 12:47	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/11/20 12:47	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/11/20 12:47	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/11/20 12:47	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/11/20 12:47	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/11/20 12:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		08/11/20 12:47	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		08/11/20 12:47	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/11/20 12:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 ARCADIA
Pace Project No.: 40212567

QC Batch: 362485 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40212567001, 40212567002, 40212567003

METHOD BLANK: 2095448 Matrix: Water

Associated Lab Samples: 40212567001, 40212567002, 40212567003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	08/11/20 07:39	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	08/11/20 07:39	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	08/11/20 07:39	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	08/11/20 07:39	
1,1-Dichloroethane	ug/L	<0.27	1.0	08/11/20 07:39	
1,1-Dichloroethene	ug/L	<0.24	1.0	08/11/20 07:39	
1,1-Dichloropropene	ug/L	<0.54	1.8	08/11/20 07:39	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	08/11/20 07:39	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	08/11/20 07:39	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/11/20 07:39	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	08/11/20 07:39	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	08/11/20 07:39	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	08/11/20 07:39	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	08/11/20 07:39	
1,2-Dichloroethane	ug/L	<0.28	1.0	08/11/20 07:39	
1,2-Dichloropropane	ug/L	<0.28	1.0	08/11/20 07:39	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	08/11/20 07:39	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	08/11/20 07:39	
1,3-Dichloropropane	ug/L	<0.83	2.8	08/11/20 07:39	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	08/11/20 07:39	
2,2-Dichloropropane	ug/L	<2.3	7.6	08/11/20 07:39	
2-Chlorotoluene	ug/L	<0.93	5.0	08/11/20 07:39	
4-Chlorotoluene	ug/L	<0.76	2.5	08/11/20 07:39	
Benzene	ug/L	<0.25	1.0	08/11/20 07:39	
Bromobenzene	ug/L	<0.24	1.0	08/11/20 07:39	
Bromochloromethane	ug/L	<0.36	5.0	08/11/20 07:39	
Bromodichloromethane	ug/L	<0.36	1.2	08/11/20 07:39	
Bromoform	ug/L	<4.0	13.2	08/11/20 07:39	
Bromomethane	ug/L	<0.97	5.0	08/11/20 07:39	
Carbon tetrachloride	ug/L	<1.1	3.6	08/11/20 07:39	
Chlorobenzene	ug/L	<0.71	2.4	08/11/20 07:39	
Chloroethane	ug/L	<1.3	5.0	08/11/20 07:39	
Chloroform	ug/L	<1.3	5.0	08/11/20 07:39	
Chloromethane	ug/L	<2.2	7.3	08/11/20 07:39	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	08/11/20 07:39	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	08/11/20 07:39	
Dibromochloromethane	ug/L	<2.6	8.7	08/11/20 07:39	
Dibromomethane	ug/L	<0.94	3.1	08/11/20 07:39	
Dichlorodifluoromethane	ug/L	<0.50	5.0	08/11/20 07:39	
Diisopropyl ether	ug/L	<1.9	6.3	08/11/20 07:39	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 ARCADIA
Pace Project No.: 40212567

METHOD BLANK: 2095448 Matrix: Water
Associated Lab Samples: 40212567001, 40212567002, 40212567003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	08/11/20 07:39	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	08/11/20 07:39	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	08/11/20 07:39	
m&p-Xylene	ug/L	<0.47	2.0	08/11/20 07:39	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	08/11/20 07:39	
Methylene Chloride	ug/L	<0.58	5.0	08/11/20 07:39	
n-Butylbenzene	ug/L	<0.71	2.4	08/11/20 07:39	
n-Propylbenzene	ug/L	<0.81	5.0	08/11/20 07:39	
Naphthalene	ug/L	<1.2	5.0	08/11/20 07:39	
o-Xylene	ug/L	<0.26	1.0	08/11/20 07:39	
p-Isopropyltoluene	ug/L	<0.80	2.7	08/11/20 07:39	
sec-Butylbenzene	ug/L	<0.85	5.0	08/11/20 07:39	
Styrene	ug/L	<3.0	10.0	08/11/20 07:39	
tert-Butylbenzene	ug/L	<0.30	1.0	08/11/20 07:39	
Tetrachloroethene	ug/L	<0.33	1.1	08/11/20 07:39	
Toluene	ug/L	<0.27	0.90	08/11/20 07:39	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	08/11/20 07:39	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	08/11/20 07:39	
Trichloroethene	ug/L	<0.26	1.0	08/11/20 07:39	
Trichlorofluoromethane	ug/L	<0.21	1.0	08/11/20 07:39	
Vinyl chloride	ug/L	<0.17	1.0	08/11/20 07:39	
4-Bromofluorobenzene (S)	%	90	70-130	08/11/20 07:39	
Dibromofluoromethane (S)	%	98	70-130	08/11/20 07:39	
Toluene-d8 (S)	%	103	70-130	08/11/20 07:39	

LABORATORY CONTROL SAMPLE: 2095449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	64-131	
1,1,2-Trichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethane	ug/L	50	45.3	91	69-163	
1,1-Dichloroethene	ug/L	50	47.1	94	77-123	
1,2,4-Trichlorobenzene	ug/L	50	41.7	83	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.2	80	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	46.6	93	70-130	
1,2-Dichlorobenzene	ug/L	50	49.2	98	70-130	
1,2-Dichloroethane	ug/L	50	45.8	92	78-142	
1,2-Dichloropropane	ug/L	50	47.8	96	86-134	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,4-Dichlorobenzene	ug/L	50	50.4	101	70-130	
Benzene	ug/L	50	46.3	93	70-130	
Bromodichloromethane	ug/L	50	45.6	91	70-130	
Bromoform	ug/L	50	47.0	94	70-130	

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QUALITY CONTROL DATA

Project: 631009876 ARCADIA

Pace Project No.: 40212567

LABORATORY CONTROL SAMPLE: 2095449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	37.6	75	39-129	
Carbon tetrachloride	ug/L	50	49.0	98	70-132	
Chlorobenzene	ug/L	50	50.0	100	70-130	
Chloroethane	ug/L	50	43.9	88	66-140	
Chloroform	ug/L	50	47.7	95	75-132	
Chloromethane	ug/L	50	33.6	67	32-143	
cis-1,2-Dichloroethene	ug/L	50	46.0	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	70-130	
Dibromochloromethane	ug/L	50	46.2	92	70-130	
Dichlorodifluoromethane	ug/L	50	29.0	58	10-141	
Ethylbenzene	ug/L	50	49.8	100	80-120	
Isopropylbenzene (Cumene)	ug/L	50	49.3	99	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	39.3	79	61-129	
Methylene Chloride	ug/L	50	45.0	90	70-130	
o-Xylene	ug/L	50	48.6	97	70-130	
Styrene	ug/L	50	50.7	101	70-130	
Tetrachloroethene	ug/L	50	44.0	88	70-130	
Toluene	ug/L	50	49.7	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.2	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.8	86	69-130	
Trichloroethene	ug/L	50	48.5	97	70-130	
Trichlorofluoromethane	ug/L	50	52.7	105	75-145	
Vinyl chloride	ug/L	50	43.0	86	51-140	
4-Bromofluorobenzene (S)	%			97	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2095874 2095875

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40212594002	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	781	5000	5000	5430	5440	93	93	70-130	0	20		
1,1,2,2-Tetrachloroethane	ug/L	<27.5	5000	5000	4900	5000	98	100	64-137	2	20		
1,1,2-Trichloroethane	ug/L	<55.2	5000	5000	4930	4930	99	99	70-137	0	20		
1,1-Dichloroethane	ug/L	948	5000	5000	5370	5350	88	88	69-163	0	20		
1,1-Dichloroethene	ug/L	159	5000	5000	4500	4490	87	87	77-129	0	20		
1,2,4-Trichlorobenzene	ug/L	<95.1	5000	5000	4080	4300	82	86	68-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<176	5000	5000	3870	3890	77	78	60-130	1	20		
1,2-Dibromoethane (EDB)	ug/L	<82.9	5000	5000	4670	4760	93	95	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<70.5	5000	5000	4860	5000	97	100	70-130	3	20		
1,2-Dichloroethane	ug/L	<28.0	5000	5000	4570	4610	91	92	78-145	1	20		
1,2-Dichloropropane	ug/L	<28.3	5000	5000	4820	4910	96	98	86-135	2	20		
1,3-Dichlorobenzene	ug/L	<62.8	5000	5000	4850	5010	97	100	70-130	3	20		

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QUALITY CONTROL DATA

Project: 631009876 ARCADIA
Pace Project No.: 40212567

Parameter	Units	2095874		2095875		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40212594002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/L	<94.4	5000	5000	5050	5190	101	104	70-130	3	20		
Benzene	ug/L	<24.6	5000	5000	4780	4660	96	93	70-136	2	20		
Bromodichloromethane	ug/L	<36.4	5000	5000	4560	4730	91	95	70-130	4	20		
Bromoform	ug/L	<397	5000	5000	4710	4760	94	95	69-130	1	20		
Bromomethane	ug/L	<97.1	5000	5000	3350	3250	67	65	39-138	3	20		
Carbon tetrachloride	ug/L	<108	5000	5000	4940	4850	99	97	70-142	2	20		
Chlorobenzene	ug/L	<71.1	5000	5000	5100	5150	102	103	70-130	1	20		
Chloroethane	ug/L	420J	5000	5000	4470	4390	81	79	61-149	2	20		
Chloroform	ug/L	<127	5000	5000	4860	4860	97	97	75-133	0	20		
Chloromethane	ug/L	<219	5000	5000	2700	2740	53	53	32-143	1	20		
cis-1,2-Dichloroethene	ug/L	7130	5000	5000	11400	11100	85	79	70-130	3	20		
cis-1,3-Dichloropropene	ug/L	<363	5000	5000	4380	4450	88	89	70-130	2	20		
Dibromochloromethane	ug/L	<260	5000	5000	4690	4680	94	94	70-130	0	20		
Dichlorodifluoromethane	ug/L	<50.0	5000	5000	2700	2720	54	54	10-141	1	20		
Ethylbenzene	ug/L	<31.9	5000	5000	5070	5090	101	102	80-120	0	20		
Isopropylbenzene (Cumene)	ug/L	<169	5000	5000	5040	5080	101	102	70-130	1	20		
m&p-Xylene	ug/L	<46.5	10000	10000	10200	10300	102	103	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<125	5000	5000	3870	3820	77	76	61-136	1	20		
Methylene Chloride	ug/L	<58.1	5000	5000	4480	4500	90	90	68-137	0	20		
o-Xylene	ug/L	<26.2	5000	5000	4960	4920	99	98	70-130	1	20		
Styrene	ug/L	<301	5000	5000	5160	5190	103	104	70-130	1	20		
Tetrachloroethene	ug/L	117	5000	5000	4530	4600	88	90	70-130	2	20		
Toluene	ug/L	<26.9	5000	5000	4980	5040	100	101	80-120	1	20		
trans-1,2-Dichloroethene	ug/L	<46.4	5000	5000	4840	4860	97	97	70-130	1	20		
trans-1,3-Dichloropropene	ug/L	<437	5000	5000	4240	4300	85	86	69-130	2	20		
Trichloroethene	ug/L	151	5000	5000	4780	4900	93	95	70-130	2	20		
Trichlorofluoromethane	ug/L	<21.5	5000	5000	4630	4640	93	93	74-157	0	20		
Vinyl chloride	ug/L	343	5000	5000	3650	3670	66	67	51-140	1	20		
4-Bromofluorobenzene (S)	%						98	97	70-130				
Dibromofluoromethane (S)	%						96	94	70-130				
Toluene-d8 (S)	%						103	104	70-130				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 631009876 ARCADIA

Pace Project No.: 40212567

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 631009876 ARCADIA
Pace Project No.: 40212567

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40212567001	INSURANCE SUMP	EPA 8260	362485		
40212567002	INSURANCE 2	EPA 8260	362485		
40212567003	TRIP BLANK	EPA 8260	362485		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: **APTIM**
 Branch/Location: **WI**
 Project Contact: **Mark Finney**
 Phone: **816-809-3256**
 Project Number: **63100 9876**
 Project Name: **Arcadia**
 Project State: **WI**
 Sampled By (Print): **Jared Schmidt**
 Sampled By (Sign): *[Signature]*
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40212567

Page 18 of 20

CHAIN OF CUSTODY

*Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested																		
N	B	VOC																		

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested	Y/N	Pick Letter
		DATE	TIME				
001	Insurance Sump	8/6/20	0840	W	X		
002	Insurance 2	8/6/20	0850	W	X		
003	Trip Blank	8/6/20		W	X		

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Relinquished By: *[Signature]* Date/Time: **8/7/2020**
 Received By: *[Signature]* Date/Time: **8/7/20 0915**

Transmit Prelim Rush Results by (complete what you want): _____
 Relinquished By: *[Signature]* Date/Time: **8/7/20 1335**
 Received By: *[Signature]* Date/Time: **8/7/20 1335**

Email #1: _____ Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Email #2: _____ Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Telephone: _____ Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Fax: _____ Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. **40212567**
 Receipt Temp = **ROT** °C
 Sample Receipt pH **OK / Adjusted**
 Cooler Custody Seal **Present / Not Present**
 Intact / Not Intact

Sample Preservation Receipt Form

Client Name: Aptim

Project # 40212567

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:


Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Handwritten:
 3/7/20

Exceptions to preservation check (VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____) Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			


 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Aptim
 Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #:

WO# : 40212567



40212567

Tracking #: _____
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature Uncorr: RTE /Corr: _____
 Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 8/7/20 /Initials: EMW
 Labeled By Initials: SRK

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No post, mail, Invoice</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>441</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10527827

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10527827003	Insurance Crawlspace					
TO-15	1,2-Dichloroethane	5.8	ug/m3	0.58	08/20/20 19:33	
TO-15	Ethanol	22.6	ug/m3	2.7	08/20/20 19:33	
TO-15	n-Hexane	4.3	ug/m3	1.0	08/20/20 19:33	
TO-15	Tetrachloroethene	93.8	ug/m3	0.97	08/20/20 19:33	
TO-15	Toluene	8.3	ug/m3	1.1	08/20/20 19:33	
TO-15	Trichlorofluoromethane	3.9	ug/m3	1.6	08/20/20 19:33	
TO-15	m&p-Xylene	4.4	ug/m3	2.5	08/20/20 19:33	
TO-15	o-Xylene	1.8	ug/m3	1.2	08/20/20 19:33	
10527827004	Outdoor Ambient					
TO-15	Dichlorodifluoromethane	3.4	ug/m3	1.5	08/20/20 17:46	
TO-15	Chloromethane	0.87	ug/m3	0.64	08/20/20 17:46	
TO-15	Methylene Chloride	5.8	ug/m3	5.4	08/20/20 17:46	
TO-15	Tetrachloroethene	1.7	ug/m3	1.0	08/20/20 17:46	
TO-15	Acetone	12.1	ug/m3	9.2	08/20/20 17:46	
TO-15	Ethanol	17.3	ug/m3	2.9	08/20/20 17:46	
10527827005	Chasteen Insurance					
TO-15	Acetone	61.3	ug/m3	9.4	08/20/20 20:26	
TO-15	Benzene	0.79	ug/m3	0.50	08/20/20 20:26	
TO-15	2-Butanone (MEK)	6.7	ug/m3	4.6	08/20/20 20:26	
TO-15	Chloromethane	1.6	ug/m3	0.65	08/20/20 20:26	
TO-15	Cyclohexane	6.3	ug/m3	2.7	08/20/20 20:26	
TO-15	1,4-Dichlorobenzene	4.8	ug/m3	4.7	08/20/20 20:26	
TO-15	Dichlorodifluoromethane	6.5	ug/m3	1.6	08/20/20 20:26	
TO-15	Ethanol	263	ug/m3	3.0	08/20/20 20:26	
TO-15	Ethyl acetate	3.3	ug/m3	1.1	08/20/20 20:26	
TO-15	n-Heptane	2.5	ug/m3	1.3	08/20/20 20:26	
TO-15	n-Hexane	1.7	ug/m3	1.1	08/20/20 20:26	
TO-15	2-Propanol	44.4	ug/m3	3.9	08/20/20 20:26	
TO-15	Toluene	11.6	ug/m3	1.2	08/20/20 20:26	
TO-15	Trichlorofluoromethane	38.2	ug/m3	1.8	08/20/20 20:26	
TO-15	1,2,4-Trimethylbenzene	2.2	ug/m3	1.5	08/20/20 20:26	
10527827006	Tapatia Crawlspace					
TO-15	Acetone	22.3	ug/m3	10.3	08/20/20 20:53	
TO-15	2-Butanone (MEK)	5.3	ug/m3	5.1	08/20/20 20:53	
TO-15	Chloromethane	0.98	ug/m3	0.72	08/20/20 20:53	
TO-15	Dichlorodifluoromethane	2.4	ug/m3	1.7	08/20/20 20:53	
TO-15	cis-1,2-Dichloroethene	6.1	ug/m3	1.4	08/20/20 20:53	
TO-15	Ethanol	7.9	ug/m3	3.3	08/20/20 20:53	
TO-15	Tetrachloroethene	223	ug/m3	1.2	08/20/20 20:53	
TO-15	Trichloroethene	1.6	ug/m3	0.93	08/20/20 20:53	
TO-15	Trichlorofluoromethane	2.2	ug/m3	1.9	08/20/20 20:53	
10527827007	Tapatia 1st Floor					
TO-15	Acetone	81.3	ug/m3	10.1	08/20/20 21:19	
TO-15	Benzene	0.62	ug/m3	0.55	08/20/20 21:19	
TO-15	2-Butanone (MEK)	13.4	ug/m3	5.0	08/20/20 21:19	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 631009876 Arcadia

Pace Project No.: 10527827

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10527827007	Tapatia 1st Floor					
TO-15	Chloroform	2.4	ug/m3	0.83	08/20/20 21:19	
TO-15	Chloromethane	1.0	ug/m3	0.71	08/20/20 21:19	
TO-15	Dichlorodifluoromethane	2.4	ug/m3	1.7	08/20/20 21:19	
TO-15	Ethanol	200	ug/m3	3.2	08/20/20 21:19	
TO-15	Ethyl acetate	1.4	ug/m3	1.2	08/20/20 21:19	
TO-15	n-Heptane	5.7	ug/m3	1.4	08/20/20 21:19	
TO-15	n-Hexane	1.7	ug/m3	1.2	08/20/20 21:19	
TO-15	2-Propanol	8.5	ug/m3	4.2	08/20/20 21:19	
TO-15	Styrene	2.8	ug/m3	1.5	08/20/20 21:19	
TO-15	Tetrachloroethene	13.9	ug/m3	1.2	08/20/20 21:19	
TO-15	Toluene	1.5	ug/m3	1.3	08/20/20 21:19	

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PROJECT NARRATIVE

Project: 631009876 Arcadia

Pace Project No.: 10527827

Method: TO-15

Description: TO15 MSV AIR

Client: APTIM Enviromental Services

Date: August 21, 2020

General Information:

7 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Insurance 1st Floor **Lab ID: 10527827001** Collected: 08/06/20 15:35 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Acetone	42.7	ug/m3	8.8	2.6	1.46		08/20/20 18:39	67-64-1	
Benzene	2.8	ug/m3	0.47	0.19	1.46		08/20/20 18:39	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	0.48	1.46		08/20/20 18:39	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.39	1.46		08/20/20 18:39	75-27-4	
Bromoform	ND	ug/m3	7.7	2.1	1.46		08/20/20 18:39	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.26	1.46		08/20/20 18:39	74-83-9	
1,3-Butadiene	ND	ug/m3	0.66	0.15	1.46		08/20/20 18:39	106-99-0	
2-Butanone (MEK)	7.0	ug/m3	4.4	0.78	1.46		08/20/20 18:39	78-93-3	
Carbon disulfide	ND	ug/m3	0.92	0.28	1.46		08/20/20 18:39	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.9	0.21	1.46		08/20/20 18:39	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	0.22	1.46		08/20/20 18:39	108-90-7	
Chloroethane	ND	ug/m3	0.78	0.19	1.46		08/20/20 18:39	75-00-3	
Chloroform	2.4	ug/m3	0.72	0.28	1.46		08/20/20 18:39	67-66-3	
Chloromethane	1.2	ug/m3	0.61	0.14	1.46		08/20/20 18:39	74-87-3	
Cyclohexane	ND	ug/m3	2.6	0.33	1.46		08/20/20 18:39	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.43	1.46		08/20/20 18:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.47	1.46		08/20/20 18:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.55	1.46		08/20/20 18:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.69	1.46		08/20/20 18:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.5	1.2	1.46		08/20/20 18:39	106-46-7	
Dichlorodifluoromethane	2.5	ug/m3	1.5	0.22	1.46		08/20/20 18:39	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.18	1.46		08/20/20 18:39	75-34-3	
1,2-Dichloroethane	8.3	ug/m3	0.60	0.26	1.46		08/20/20 18:39	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.21	1.46		08/20/20 18:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.24	1.46		08/20/20 18:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.25	1.46		08/20/20 18:39	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.25	1.46		08/20/20 18:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.32	1.46		08/20/20 18:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.42	1.46		08/20/20 18:39	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	0.48	1.46		08/20/20 18:39	76-14-2	
Ethanol	257	ug/m3	2.8	1.4	1.46		08/20/20 18:39	64-17-5	
Ethyl acetate	3.7	ug/m3	1.1	0.25	1.46		08/20/20 18:39	141-78-6	
Ethylbenzene	1.6	ug/m3	1.3	0.26	1.46		08/20/20 18:39	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.69	1.46		08/20/20 18:39	622-96-8	
n-Heptane	4.6	ug/m3	1.2	0.25	1.46		08/20/20 18:39	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.9	1.2	1.46		08/20/20 18:39	87-68-3	
n-Hexane	4.9	ug/m3	1.0	0.35	1.46		08/20/20 18:39	110-54-3	
2-Hexanone	ND	ug/m3	6.1	0.52	1.46		08/20/20 18:39	591-78-6	
Methylene Chloride	ND	ug/m3	5.2	1.4	1.46		08/20/20 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.1	0.31	1.46		08/20/20 18:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.20	1.46		08/20/20 18:39	1634-04-4	
Naphthalene	ND	ug/m3	3.9	1.8	1.46		08/20/20 18:39	91-20-3	
2-Propanol	5.5	ug/m3	3.6	1.2	1.46		08/20/20 18:39	67-63-0	
Propylene	ND	ug/m3	0.51	0.14	1.46		08/20/20 18:39	115-07-1	
Styrene	ND	ug/m3	1.3	0.54	1.46		08/20/20 18:39	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Insurance 1st Floor Lab ID: 10527827001 Collected: 08/06/20 15:35 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.46		08/20/20 18:39	79-34-5	
Tetrachloroethene	92.7	ug/m3	1.0	0.42	1.46		08/20/20 18:39	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.88	0.25	1.46		08/20/20 18:39	109-99-9	
Toluene	13.2	ug/m3	1.1	0.24	1.46		08/20/20 18:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.0	4.8	1.46		08/20/20 18:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.20	1.46		08/20/20 18:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.81	0.33	1.46		08/20/20 18:39	79-00-5	
Trichloroethene	0.82	ug/m3	0.80	0.26	1.46		08/20/20 18:39	79-01-6	
Trichlorofluoromethane	5.7	ug/m3	1.7	0.41	1.46		08/20/20 18:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	0.36	1.46		08/20/20 18:39	76-13-1	
1,2,4-Trimethylbenzene	2.5	ug/m3	1.5	0.59	1.46		08/20/20 18:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.44	1.46		08/20/20 18:39	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.26	1.46		08/20/20 18:39	108-05-4	
Vinyl chloride	ND	ug/m3	0.38	0.15	1.46		08/20/20 18:39	75-01-4	
m&p-Xylene	6.5	ug/m3	2.6	0.62	1.46		08/20/20 18:39	179601-23-1	
o-Xylene	2.3	ug/m3	1.3	0.28	1.46		08/20/20 18:39	95-47-6	

Sample: Insurance Basement Lab ID: 10527827002 Collected: 08/06/20 15:25 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	15.0	ug/m3	8.8	2.6	1.46		08/20/20 19:06	67-64-1	
Benzene	2.2	ug/m3	0.47	0.19	1.46		08/20/20 19:06	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	0.48	1.46		08/20/20 19:06	100-44-7	
Bromodichloromethane	6.7	ug/m3	2.0	0.39	1.46		08/20/20 19:06	75-27-4	
Bromoform	ND	ug/m3	7.7	2.1	1.46		08/20/20 19:06	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.26	1.46		08/20/20 19:06	74-83-9	
1,3-Butadiene	ND	ug/m3	0.66	0.15	1.46		08/20/20 19:06	106-99-0	
2-Butanone (MEK)	5.6	ug/m3	4.4	0.78	1.46		08/20/20 19:06	78-93-3	
Carbon disulfide	ND	ug/m3	0.92	0.28	1.46		08/20/20 19:06	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.9	0.21	1.46		08/20/20 19:06	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	0.22	1.46		08/20/20 19:06	108-90-7	
Chloroethane	ND	ug/m3	0.78	0.19	1.46		08/20/20 19:06	75-00-3	
Chloroform	11.0	ug/m3	0.72	0.28	1.46		08/20/20 19:06	67-66-3	
Chloromethane	1.0	ug/m3	0.61	0.14	1.46		08/20/20 19:06	74-87-3	
Cyclohexane	4.5	ug/m3	2.6	0.33	1.46		08/20/20 19:06	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.43	1.46		08/20/20 19:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.47	1.46		08/20/20 19:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.55	1.46		08/20/20 19:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.69	1.46		08/20/20 19:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.5	1.2	1.46		08/20/20 19:06	106-46-7	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Insurance Basement **Lab ID: 10527827002** Collected: 08/06/20 15:25 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Dichlorodifluoromethane	2.7	ug/m3	1.5	0.22	1.46		08/20/20 19:06	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.18	1.46		08/20/20 19:06	75-34-3	
1,2-Dichloroethane	5.7	ug/m3	0.60	0.26	1.46		08/20/20 19:06	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.21	1.46		08/20/20 19:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.24	1.46		08/20/20 19:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.25	1.46		08/20/20 19:06	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.25	1.46		08/20/20 19:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.32	1.46		08/20/20 19:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.42	1.46		08/20/20 19:06	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	0.48	1.46		08/20/20 19:06	76-14-2	
Ethanol	15.2	ug/m3	2.8	1.4	1.46		08/20/20 19:06	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.25	1.46		08/20/20 19:06	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.26	1.46		08/20/20 19:06	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.69	1.46		08/20/20 19:06	622-96-8	
n-Heptane	2.2	ug/m3	1.2	0.25	1.46		08/20/20 19:06	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.9	1.2	1.46		08/20/20 19:06	87-68-3	
n-Hexane	4.1	ug/m3	1.0	0.35	1.46		08/20/20 19:06	110-54-3	
2-Hexanone	ND	ug/m3	6.1	0.52	1.46		08/20/20 19:06	591-78-6	
Methylene Chloride	ND	ug/m3	5.2	1.4	1.46		08/20/20 19:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.1	0.31	1.46		08/20/20 19:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.20	1.46		08/20/20 19:06	1634-04-4	
Naphthalene	ND	ug/m3	3.9	1.8	1.46		08/20/20 19:06	91-20-3	
2-Propanol	ND	ug/m3	3.6	1.2	1.46		08/20/20 19:06	67-63-0	
Propylene	ND	ug/m3	0.51	0.14	1.46		08/20/20 19:06	115-07-1	
Styrene	ND	ug/m3	1.3	0.54	1.46		08/20/20 19:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.44	1.46		08/20/20 19:06	79-34-5	
Tetrachloroethene	96.9	ug/m3	1.0	0.42	1.46		08/20/20 19:06	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.88	0.25	1.46		08/20/20 19:06	109-99-9	
Toluene	7.8	ug/m3	1.1	0.24	1.46		08/20/20 19:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.0	4.8	1.46		08/20/20 19:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.20	1.46		08/20/20 19:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.81	0.33	1.46		08/20/20 19:06	79-00-5	
Trichloroethene	ND	ug/m3	0.80	0.26	1.46		08/20/20 19:06	79-01-6	
Trichlorofluoromethane	3.8	ug/m3	1.7	0.41	1.46		08/20/20 19:06	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	0.36	1.46		08/20/20 19:06	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.59	1.46		08/20/20 19:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.44	1.46		08/20/20 19:06	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.26	1.46		08/20/20 19:06	108-05-4	
Vinyl chloride	ND	ug/m3	0.38	0.15	1.46		08/20/20 19:06	75-01-4	
m&p-Xylene	4.8	ug/m3	2.6	0.62	1.46		08/20/20 19:06	179601-23-1	
o-Xylene	2.2	ug/m3	1.3	0.28	1.46		08/20/20 19:06	95-47-6	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Insurance Crawspace **Lab ID: 10527827003** Collected: 08/06/20 15:27 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Acetone	11.7	ug/m3	8.5	2.5	1.41		08/20/20 19:33	67-64-1	
Benzene	2.3	ug/m3	0.46	0.18	1.41		08/20/20 19:33	71-43-2	
Benzyl chloride	ND	ug/m3	3.7	0.46	1.41		08/20/20 19:33	100-44-7	
Bromodichloromethane	4.4	ug/m3	1.9	0.37	1.41		08/20/20 19:33	75-27-4	
Bromoform	ND	ug/m3	7.4	2.0	1.41		08/20/20 19:33	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.25	1.41		08/20/20 19:33	74-83-9	
1,3-Butadiene	ND	ug/m3	0.63	0.14	1.41		08/20/20 19:33	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.2	0.76	1.41		08/20/20 19:33	78-93-3	
Carbon disulfide	ND	ug/m3	0.89	0.27	1.41		08/20/20 19:33	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	0.21	1.41		08/20/20 19:33	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.21	1.41		08/20/20 19:33	108-90-7	
Chloroethane	ND	ug/m3	0.76	0.18	1.41		08/20/20 19:33	75-00-3	
Chloroform	8.0	ug/m3	0.70	0.27	1.41		08/20/20 19:33	67-66-3	
Chloromethane	0.95	ug/m3	0.59	0.13	1.41		08/20/20 19:33	74-87-3	
Cyclohexane	4.5	ug/m3	2.5	0.32	1.41		08/20/20 19:33	110-82-7	
Dibromochloromethane	ND	ug/m3	2.4	0.42	1.41		08/20/20 19:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.1	0.46	1.41		08/20/20 19:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.7	0.53	1.41		08/20/20 19:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.7	0.67	1.41		08/20/20 19:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.3	1.2	1.41		08/20/20 19:33	106-46-7	
Dichlorodifluoromethane	2.9	ug/m3	1.4	0.21	1.41		08/20/20 19:33	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.18	1.41		08/20/20 19:33	75-34-3	
1,2-Dichloroethane	5.8	ug/m3	0.58	0.25	1.41		08/20/20 19:33	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	0.20	1.41		08/20/20 19:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.1	0.23	1.41		08/20/20 19:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	0.24	1.41		08/20/20 19:33	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	0.24	1.41		08/20/20 19:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.31	1.41		08/20/20 19:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.40	1.41		08/20/20 19:33	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.46	1.41		08/20/20 19:33	76-14-2	
Ethanol	22.6	ug/m3	2.7	1.3	1.41		08/20/20 19:33	64-17-5	
Ethyl acetate	ND	ug/m3	1.0	0.24	1.41		08/20/20 19:33	141-78-6	
Ethylbenzene	ND	ug/m3	1.2	0.26	1.41		08/20/20 19:33	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.5	0.67	1.41		08/20/20 19:33	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.24	1.41		08/20/20 19:33	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.6	1.1	1.41		08/20/20 19:33	87-68-3	
n-Hexane	4.3	ug/m3	1.0	0.34	1.41		08/20/20 19:33	110-54-3	
2-Hexanone	ND	ug/m3	5.9	0.50	1.41		08/20/20 19:33	591-78-6	
Methylene Chloride	ND	ug/m3	5.0	1.4	1.41		08/20/20 19:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	5.9	0.30	1.41		08/20/20 19:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.2	0.19	1.41		08/20/20 19:33	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.7	1.41		08/20/20 19:33	91-20-3	
2-Propanol	ND	ug/m3	3.5	1.2	1.41		08/20/20 19:33	67-63-0	
Propylene	ND	ug/m3	0.49	0.14	1.41		08/20/20 19:33	115-07-1	
Styrene	ND	ug/m3	1.2	0.52	1.41		08/20/20 19:33	100-42-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Insurance Crawlspace Lab ID: 10527827003 Collected: 08/06/20 15:27 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.98	0.42	1.41		08/20/20 19:33	79-34-5	
Tetrachloroethene	93.8	ug/m3	0.97	0.40	1.41		08/20/20 19:33	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.85	0.24	1.41		08/20/20 19:33	109-99-9	
Toluene	8.3	ug/m3	1.1	0.23	1.41		08/20/20 19:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.6	4.7	1.41		08/20/20 19:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.19	1.41		08/20/20 19:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.78	0.32	1.41		08/20/20 19:33	79-00-5	
Trichloroethene	ND	ug/m3	0.77	0.25	1.41		08/20/20 19:33	79-01-6	
Trichlorofluoromethane	3.9	ug/m3	1.6	0.40	1.41		08/20/20 19:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.35	1.41		08/20/20 19:33	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.4	0.57	1.41		08/20/20 19:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.42	1.41		08/20/20 19:33	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.25	1.41		08/20/20 19:33	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.14	1.41		08/20/20 19:33	75-01-4	
m&p-Xylene	4.4	ug/m3	2.5	0.60	1.41		08/20/20 19:33	179601-23-1	
o-Xylene	1.8	ug/m3	1.2	0.27	1.41		08/20/20 19:33	95-47-6	

Sample: Outdoor Ambient Lab ID: 10527827004 Collected: 08/06/20 15:00 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Dichlorodifluoromethane	3.4	ug/m3	1.5	0.23	1.52		08/20/20 17:46	75-71-8	
Chloromethane	0.87	ug/m3	0.64	0.15	1.52		08/20/20 17:46	74-87-3	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.50	1.52		08/20/20 17:46	76-14-2	
Vinyl chloride	ND	ug/m3	0.40	0.15	1.52		08/20/20 17:46	75-01-4	
Bromomethane	ND	ug/m3	1.2	0.27	1.52		08/20/20 17:46	74-83-9	
Chloroethane	ND	ug/m3	0.81	0.20	1.52		08/20/20 17:46	75-00-3	
Trichlorofluoromethane	ND	ug/m3	1.7	0.43	1.52		08/20/20 17:46	75-69-4	
1,1-Dichloroethene	ND	ug/m3	1.2	0.22	1.52		08/20/20 17:46	75-35-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.38	1.52		08/20/20 17:46	76-13-1	
Methylene Chloride	5.8	ug/m3	5.4	1.5	1.52		08/20/20 17:46	75-09-2	
1,1-Dichloroethane	ND	ug/m3	1.3	0.19	1.52		08/20/20 17:46	75-34-3	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.24	1.52		08/20/20 17:46	156-59-2	
Chloroform	ND	ug/m3	0.75	0.29	1.52		08/20/20 17:46	67-66-3	
1,1,1-Trichloroethane	ND	ug/m3	1.7	0.20	1.52		08/20/20 17:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.84	0.34	1.52		08/20/20 17:46	79-00-5	
1,2-Dichloroethane	ND	ug/m3	0.62	0.27	1.52		08/20/20 17:46	107-06-2	
Benzene	ND	ug/m3	0.49	0.20	1.52		08/20/20 17:46	71-43-2	
Carbon tetrachloride	ND	ug/m3	1.9	0.22	1.52		08/20/20 17:46	56-23-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.26	1.52		08/20/20 17:46	78-87-5	
Trichloroethene	ND	ug/m3	0.83	0.27	1.52		08/20/20 17:46	79-01-6	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Outdoor Ambient **Lab ID: 10527827004** Collected: 08/06/20 15:00 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
cis-1,3-Dichloropropene	ND	ug/m3	1.4	0.33	1.52		08/20/20 17:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	0.43	1.52		08/20/20 17:46	10061-02-6	
Toluene	ND	ug/m3	1.2	0.25	1.52		08/20/20 17:46	108-88-3	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.2	0.49	1.52		08/20/20 17:46	106-93-4	
Tetrachloroethene	1.7	ug/m3	1.0	0.43	1.52		08/20/20 17:46	127-18-4	
Chlorobenzene	ND	ug/m3	1.4	0.23	1.52		08/20/20 17:46	108-90-7	
Ethylbenzene	ND	ug/m3	1.3	0.28	1.52		08/20/20 17:46	100-41-4	
m&p-Xylene	ND	ug/m3	2.7	0.65	1.52		08/20/20 17:46	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.29	1.52		08/20/20 17:46	95-47-6	
Styrene	ND	ug/m3	1.3	0.56	1.52		08/20/20 17:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.1	0.46	1.52		08/20/20 17:46	79-34-5	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.46	1.52		08/20/20 17:46	108-67-8	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.62	1.52		08/20/20 17:46	95-63-6	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.72	1.52		08/20/20 17:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.7	1.3	1.52		08/20/20 17:46	106-46-7	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.57	1.52		08/20/20 17:46	95-50-1	
1,2,4-Trichlorobenzene	ND	ug/m3	11.5	5.0	1.52		08/20/20 17:46	120-82-1	
Hexachloro-1,3-butadiene	ND	ug/m3	8.2	1.2	1.52		08/20/20 17:46	87-68-3	
Tetrahydrofuran	ND	ug/m3	0.91	0.26	1.52		08/20/20 17:46	109-99-9	
Acetone	12.1	ug/m3	9.2	2.7	1.52		08/20/20 17:46	67-64-1	
2-Butanone (MEK)	ND	ug/m3	4.6	0.82	1.52		08/20/20 17:46	78-93-3	
n-Hexane	ND	ug/m3	1.1	0.37	1.52		08/20/20 17:46	110-54-3	
Methyl-tert-butyl ether	ND	ug/m3	5.6	0.21	1.52		08/20/20 17:46	1634-04-4	
Dibromochloromethane	ND	ug/m3	2.6	0.45	1.52		08/20/20 17:46	124-48-1	
1,3-Butadiene	ND	ug/m3	0.68	0.15	1.52		08/20/20 17:46	106-99-0	
Carbon disulfide	ND	ug/m3	0.96	0.30	1.52		08/20/20 17:46	75-15-0	
Vinyl acetate	ND	ug/m3	1.1	0.27	1.52		08/20/20 17:46	108-05-4	
Cyclohexane	ND	ug/m3	2.7	0.35	1.52		08/20/20 17:46	110-82-7	
Ethyl acetate	ND	ug/m3	1.1	0.26	1.52		08/20/20 17:46	141-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.3	0.32	1.52		08/20/20 17:46	108-10-1	
2-Hexanone	ND	ug/m3	6.3	0.54	1.52		08/20/20 17:46	591-78-6	
Bromoform	ND	ug/m3	8.0	2.1	1.52		08/20/20 17:46	75-25-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.26	1.52		08/20/20 17:46	156-60-5	
Bromodichloromethane	ND	ug/m3	2.1	0.40	1.52		08/20/20 17:46	75-27-4	
n-Heptane	ND	ug/m3	1.3	0.26	1.52		08/20/20 17:46	142-82-5	
Propylene	ND	ug/m3	0.53	0.15	1.52		08/20/20 17:46	115-07-1	
4-Ethyltoluene	ND	ug/m3	3.8	0.72	1.52		08/20/20 17:46	622-96-8	
Naphthalene	ND	ug/m3	4.0	1.9	1.52		08/20/20 17:46	91-20-3	
Ethanol	17.3	ug/m3	2.9	1.4	1.52		08/20/20 17:46	64-17-5	
2-Propanol	ND	ug/m3	3.8	1.3	1.52		08/20/20 17:46	67-63-0	
Benzyl chloride	ND	ug/m3	4.0	0.50	1.52		08/20/20 17:46	100-44-7	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Chasteen Insurance **Lab ID: 10527827005** Collected: 08/06/20 15:51 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	61.3	ug/m3	9.4	2.7	1.55		08/20/20 20:26	67-64-1	
Benzene	0.79	ug/m3	0.50	0.20	1.55		08/20/20 20:26	71-43-2	
Benzyl chloride	ND	ug/m3	4.1	0.51	1.55		08/20/20 20:26	100-44-7	
Bromodichloromethane	ND	ug/m3	2.1	0.41	1.55		08/20/20 20:26	75-27-4	
Bromoform	ND	ug/m3	8.1	2.2	1.55		08/20/20 20:26	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.28	1.55		08/20/20 20:26	74-83-9	
1,3-Butadiene	ND	ug/m3	0.70	0.15	1.55		08/20/20 20:26	106-99-0	
2-Butanone (MEK)	6.7	ug/m3	4.6	0.83	1.55		08/20/20 20:26	78-93-3	
Carbon disulfide	ND	ug/m3	0.98	0.30	1.55		08/20/20 20:26	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.0	0.23	1.55		08/20/20 20:26	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	0.24	1.55		08/20/20 20:26	108-90-7	
Chloroethane	ND	ug/m3	0.83	0.20	1.55		08/20/20 20:26	75-00-3	
Chloroform	ND	ug/m3	0.77	0.30	1.55		08/20/20 20:26	67-66-3	
Chloromethane	1.6	ug/m3	0.65	0.15	1.55		08/20/20 20:26	74-87-3	
Cyclohexane	6.3	ug/m3	2.7	0.35	1.55		08/20/20 20:26	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	0.46	1.55		08/20/20 20:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.2	0.50	1.55		08/20/20 20:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.58	1.55		08/20/20 20:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.73	1.55		08/20/20 20:26	541-73-1	
1,4-Dichlorobenzene	4.8	ug/m3	4.7	1.3	1.55		08/20/20 20:26	106-46-7	
Dichlorodifluoromethane	6.5	ug/m3	1.6	0.23	1.55		08/20/20 20:26	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.3	0.20	1.55		08/20/20 20:26	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.64	0.28	1.55		08/20/20 20:26	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.22	1.55		08/20/20 20:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.25	1.55		08/20/20 20:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.26	1.55		08/20/20 20:26	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.5	0.26	1.55		08/20/20 20:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	0.34	1.55		08/20/20 20:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	0.44	1.55		08/20/20 20:26	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.51	1.55		08/20/20 20:26	76-14-2	
Ethanol	263	ug/m3	3.0	1.5	1.55		08/20/20 20:26	64-17-5	
Ethyl acetate	3.3	ug/m3	1.1	0.26	1.55		08/20/20 20:26	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	0.28	1.55		08/20/20 20:26	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.9	0.74	1.55		08/20/20 20:26	622-96-8	
n-Heptane	2.5	ug/m3	1.3	0.27	1.55		08/20/20 20:26	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.4	1.2	1.55		08/20/20 20:26	87-68-3	
n-Hexane	1.7	ug/m3	1.1	0.38	1.55		08/20/20 20:26	110-54-3	
2-Hexanone	ND	ug/m3	6.4	0.55	1.55		08/20/20 20:26	591-78-6	
Methylene Chloride	ND	ug/m3	5.5	1.5	1.55		08/20/20 20:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.4	0.33	1.55		08/20/20 20:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.7	0.21	1.55		08/20/20 20:26	1634-04-4	
Naphthalene	ND	ug/m3	4.1	1.9	1.55		08/20/20 20:26	91-20-3	
2-Propanol	44.4	ug/m3	3.9	1.3	1.55		08/20/20 20:26	67-63-0	
Propylene	ND	ug/m3	0.54	0.15	1.55		08/20/20 20:26	115-07-1	
Styrene	ND	ug/m3	1.3	0.57	1.55		08/20/20 20:26	100-42-5	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Chasteen Insurance Lab ID: 10527827005 Collected: 08/06/20 15:51 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.1	0.47	1.55		08/20/20 20:26	79-34-5	
Tetrachloroethene	ND	ug/m3	1.1	0.44	1.55		08/20/20 20:26	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.93	0.26	1.55		08/20/20 20:26	109-99-9	
Toluene	11.6	ug/m3	1.2	0.26	1.55		08/20/20 20:26	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.7	5.1	1.55		08/20/20 20:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.7	0.21	1.55		08/20/20 20:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.86	0.35	1.55		08/20/20 20:26	79-00-5	
Trichloroethene	ND	ug/m3	0.85	0.27	1.55		08/20/20 20:26	79-01-6	
Trichlorofluoromethane	38.2	ug/m3	1.8	0.44	1.55		08/20/20 20:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.39	1.55		08/20/20 20:26	76-13-1	
1,2,4-Trimethylbenzene	2.2	ug/m3	1.5	0.63	1.55		08/20/20 20:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.46	1.55		08/20/20 20:26	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.27	1.55		08/20/20 20:26	108-05-4	
Vinyl chloride	ND	ug/m3	0.40	0.16	1.55		08/20/20 20:26	75-01-4	
m&p-Xylene	ND	ug/m3	2.7	0.66	1.55		08/20/20 20:26	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.30	1.55		08/20/20 20:26	95-47-6	

Sample: Tapatia Crawlspace Lab ID: 10527827006 Collected: 08/06/20 16:05 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	22.3	ug/m3	10.3	3.0	1.71		08/20/20 20:53	67-64-1	
Benzene	ND	ug/m3	0.56	0.22	1.71		08/20/20 20:53	71-43-2	
Benzyl chloride	ND	ug/m3	4.5	0.56	1.71		08/20/20 20:53	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.45	1.71		08/20/20 20:53	75-27-4	
Bromoform	ND	ug/m3	9.0	2.4	1.71		08/20/20 20:53	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.31	1.71		08/20/20 20:53	74-83-9	
1,3-Butadiene	ND	ug/m3	0.77	0.17	1.71		08/20/20 20:53	106-99-0	
2-Butanone (MEK)	5.3	ug/m3	5.1	0.92	1.71		08/20/20 20:53	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.33	1.71		08/20/20 20:53	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.25	1.71		08/20/20 20:53	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.26	1.71		08/20/20 20:53	108-90-7	
Chloroethane	ND	ug/m3	0.92	0.22	1.71		08/20/20 20:53	75-00-3	
Chloroform	ND	ug/m3	0.85	0.33	1.71		08/20/20 20:53	67-66-3	
Chloromethane	0.98	ug/m3	0.72	0.16	1.71		08/20/20 20:53	74-87-3	
Cyclohexane	ND	ug/m3	3.0	0.39	1.71		08/20/20 20:53	110-82-7	
Dibromochloromethane	ND	ug/m3	3.0	0.50	1.71		08/20/20 20:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.56	1.71		08/20/20 20:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.1	0.64	1.71		08/20/20 20:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.1	0.81	1.71		08/20/20 20:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.2	1.4	1.71		08/20/20 20:53	106-46-7	

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Tapatia Crawlspace **Lab ID: 10527827006** Collected: 08/06/20 16:05 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Dichlorodifluoromethane	2.4	ug/m3	1.7	0.26	1.71		08/20/20 20:53	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.22	1.71		08/20/20 20:53	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.70	0.30	1.71		08/20/20 20:53	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.24	1.71		08/20/20 20:53	75-35-4	
cis-1,2-Dichloroethene	6.1	ug/m3	1.4	0.28	1.71		08/20/20 20:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.29	1.71		08/20/20 20:53	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.29	1.71		08/20/20 20:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.38	1.71		08/20/20 20:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.49	1.71		08/20/20 20:53	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.56	1.71		08/20/20 20:53	76-14-2	
Ethanol	7.9	ug/m3	3.3	1.6	1.71		08/20/20 20:53	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.29	1.71		08/20/20 20:53	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.31	1.71		08/20/20 20:53	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.3	0.81	1.71		08/20/20 20:53	622-96-8	
n-Heptane	ND	ug/m3	1.4	0.30	1.71		08/20/20 20:53	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.3	1.4	1.71		08/20/20 20:53	87-68-3	
n-Hexane	ND	ug/m3	1.2	0.41	1.71		08/20/20 20:53	110-54-3	
2-Hexanone	ND	ug/m3	7.1	0.61	1.71		08/20/20 20:53	591-78-6	
Methylene Chloride	ND	ug/m3	6.0	1.7	1.71		08/20/20 20:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.1	0.36	1.71		08/20/20 20:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.3	0.24	1.71		08/20/20 20:53	1634-04-4	
Naphthalene	ND	ug/m3	4.5	2.1	1.71		08/20/20 20:53	91-20-3	
2-Propanol	ND	ug/m3	4.3	1.5	1.71		08/20/20 20:53	67-63-0	
Propylene	ND	ug/m3	0.60	0.17	1.71		08/20/20 20:53	115-07-1	
Styrene	ND	ug/m3	1.5	0.63	1.71		08/20/20 20:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.51	1.71		08/20/20 20:53	79-34-5	
Tetrachloroethene	223	ug/m3	1.2	0.49	1.71		08/20/20 20:53	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.29	1.71		08/20/20 20:53	109-99-9	
Toluene	ND	ug/m3	1.3	0.28	1.71		08/20/20 20:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.9	5.7	1.71		08/20/20 20:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.23	1.71		08/20/20 20:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.95	0.38	1.71		08/20/20 20:53	79-00-5	
Trichloroethene	1.6	ug/m3	0.93	0.30	1.71		08/20/20 20:53	79-01-6	
Trichlorofluoromethane	2.2	ug/m3	1.9	0.48	1.71		08/20/20 20:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	0.43	1.71		08/20/20 20:53	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.69	1.71		08/20/20 20:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.51	1.71		08/20/20 20:53	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.30	1.71		08/20/20 20:53	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.17	1.71		08/20/20 20:53	75-01-4	
m&p-Xylene	ND	ug/m3	3.0	0.73	1.71		08/20/20 20:53	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.33	1.71		08/20/20 20:53	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Tapatia 1st Floor **Lab ID: 10527827007** Collected: 08/06/20 16:00 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Acetone	81.3	ug/m3	10.1	2.9	1.68		08/20/20 21:19	67-64-1	
Benzene	0.62	ug/m3	0.55	0.22	1.68		08/20/20 21:19	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	0.55	1.68		08/20/20 21:19	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.44	1.68		08/20/20 21:19	75-27-4	
Bromoform	ND	ug/m3	8.8	2.4	1.68		08/20/20 21:19	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.30	1.68		08/20/20 21:19	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	0.17	1.68		08/20/20 21:19	106-99-0	
2-Butanone (MEK)	13.4	ug/m3	5.0	0.90	1.68		08/20/20 21:19	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.33	1.68		08/20/20 21:19	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.25	1.68		08/20/20 21:19	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.26	1.68		08/20/20 21:19	108-90-7	
Chloroethane	ND	ug/m3	0.90	0.22	1.68		08/20/20 21:19	75-00-3	
Chloroform	2.4	ug/m3	0.83	0.32	1.68		08/20/20 21:19	67-66-3	
Chloromethane	1.0	ug/m3	0.71	0.16	1.68		08/20/20 21:19	74-87-3	
Cyclohexane	ND	ug/m3	2.9	0.38	1.68		08/20/20 21:19	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	0.50	1.68		08/20/20 21:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.55	1.68		08/20/20 21:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.63	1.68		08/20/20 21:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.79	1.68		08/20/20 21:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.1	1.4	1.68		08/20/20 21:19	106-46-7	
Dichlorodifluoromethane	2.4	ug/m3	1.7	0.25	1.68		08/20/20 21:19	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.21	1.68		08/20/20 21:19	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	0.30	1.68		08/20/20 21:19	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.24	1.68		08/20/20 21:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.27	1.68		08/20/20 21:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.28	1.68		08/20/20 21:19	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.29	1.68		08/20/20 21:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.37	1.68		08/20/20 21:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.48	1.68		08/20/20 21:19	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.55	1.68		08/20/20 21:19	76-14-2	
Ethanol	200	ug/m3	3.2	1.6	1.68		08/20/20 21:19	64-17-5	
Ethyl acetate	1.4	ug/m3	1.2	0.28	1.68		08/20/20 21:19	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.30	1.68		08/20/20 21:19	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.2	0.80	1.68		08/20/20 21:19	622-96-8	
n-Heptane	5.7	ug/m3	1.4	0.29	1.68		08/20/20 21:19	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.1	1.3	1.68		08/20/20 21:19	87-68-3	
n-Hexane	1.7	ug/m3	1.2	0.41	1.68		08/20/20 21:19	110-54-3	
2-Hexanone	ND	ug/m3	7.0	0.60	1.68		08/20/20 21:19	591-78-6	
Methylene Chloride	ND	ug/m3	5.9	1.7	1.68		08/20/20 21:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	0.35	1.68		08/20/20 21:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.1	0.23	1.68		08/20/20 21:19	1634-04-4	
Naphthalene	ND	ug/m3	4.5	2.1	1.68		08/20/20 21:19	91-20-3	
2-Propanol	8.5	ug/m3	4.2	1.4	1.68		08/20/20 21:19	67-63-0	
Propylene	ND	ug/m3	0.59	0.16	1.68		08/20/20 21:19	115-07-1	
Styrene	2.8	ug/m3	1.5	0.62	1.68		08/20/20 21:19	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 631009876 Arcadia

Pace Project No.: 10527827

Sample: Tapatia 1st Floor **Lab ID: 10527827007** Collected: 08/06/20 16:00 Received: 08/10/20 14:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.51	1.68		08/20/20 21:19	79-34-5	
Tetrachloroethene	13.9	ug/m3	1.2	0.48	1.68		08/20/20 21:19	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.29	1.68		08/20/20 21:19	109-99-9	
Toluene	1.5	ug/m3	1.3	0.28	1.68		08/20/20 21:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.7	5.6	1.68		08/20/20 21:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.23	1.68		08/20/20 21:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.93	0.38	1.68		08/20/20 21:19	79-00-5	
Trichloroethene	ND	ug/m3	0.92	0.30	1.68		08/20/20 21:19	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	0.48	1.68		08/20/20 21:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.6	0.42	1.68		08/20/20 21:19	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.68	1.68		08/20/20 21:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.50	1.68		08/20/20 21:19	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.30	1.68		08/20/20 21:19	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.17	1.68		08/20/20 21:19	75-01-4	
m&p-Xylene	ND	ug/m3	3.0	0.72	1.68		08/20/20 21:19	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.33	1.68		08/20/20 21:19	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10527827

QC Batch: 693932

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10527827001, 10527827002, 10527827003, 10527827004, 10527827005, 10527827006, 10527827007

METHOD BLANK: 3708812

Matrix: Air

Associated Lab Samples: 10527827001, 10527827002, 10527827003, 10527827004, 10527827005, 10527827006, 10527827007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	08/20/20 11:15	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	08/20/20 11:15	
1,1,2-Trichloroethane	ug/m3	ND	0.56	08/20/20 11:15	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	08/20/20 11:15	
1,1-Dichloroethane	ug/m3	ND	0.82	08/20/20 11:15	
1,1-Dichloroethene	ug/m3	ND	0.81	08/20/20 11:15	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	08/20/20 11:15	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	08/20/20 11:15	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.78	08/20/20 11:15	
1,2-Dichlorobenzene	ug/m3	ND	1.2	08/20/20 11:15	
1,2-Dichloroethane	ug/m3	ND	0.41	08/20/20 11:15	
1,2-Dichloropropane	ug/m3	ND	0.94	08/20/20 11:15	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	08/20/20 11:15	
1,3-Butadiene	ug/m3	ND	0.45	08/20/20 11:15	
1,3-Dichlorobenzene	ug/m3	ND	1.2	08/20/20 11:15	
1,4-Dichlorobenzene	ug/m3	ND	3.1	08/20/20 11:15	
2-Butanone (MEK)	ug/m3	ND	3.0	08/20/20 11:15	
2-Hexanone	ug/m3	ND	4.2	08/20/20 11:15	
2-Propanol	ug/m3	ND	2.5	08/20/20 11:15	
4-Ethyltoluene	ug/m3	ND	2.5	08/20/20 11:15	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	08/20/20 11:15	
Acetone	ug/m3	ND	6.0	08/20/20 11:15	
Benzene	ug/m3	ND	0.32	08/20/20 11:15	
Benzyl chloride	ug/m3	ND	2.6	08/20/20 11:15	
Bromodichloromethane	ug/m3	ND	1.4	08/20/20 11:15	
Bromoform	ug/m3	ND	5.2	08/20/20 11:15	
Bromomethane	ug/m3	ND	0.79	08/20/20 11:15	
Carbon disulfide	ug/m3	ND	0.63	08/20/20 11:15	
Carbon tetrachloride	ug/m3	ND	1.3	08/20/20 11:15	
Chlorobenzene	ug/m3	ND	0.94	08/20/20 11:15	
Chloroethane	ug/m3	ND	0.54	08/20/20 11:15	
Chloroform	ug/m3	ND	0.50	08/20/20 11:15	
Chloromethane	ug/m3	ND	0.42	08/20/20 11:15	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	08/20/20 11:15	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	08/20/20 11:15	
Cyclohexane	ug/m3	ND	1.8	08/20/20 11:15	
Dibromochloromethane	ug/m3	ND	1.7	08/20/20 11:15	
Dichlorodifluoromethane	ug/m3	ND	1.0	08/20/20 11:15	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	08/20/20 11:15	
Ethanol	ug/m3	ND	1.9	08/20/20 11:15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia
Pace Project No.: 10527827

METHOD BLANK: 3708812 Matrix: Air
Associated Lab Samples: 10527827001, 10527827002, 10527827003, 10527827004, 10527827005, 10527827006, 10527827007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	ND	0.73	08/20/20 11:15	
Ethylbenzene	ug/m3	ND	0.88	08/20/20 11:15	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	08/20/20 11:15	
m&p-Xylene	ug/m3	ND	1.8	08/20/20 11:15	
Methyl-tert-butyl ether	ug/m3	ND	3.7	08/20/20 11:15	
Methylene Chloride	ug/m3	ND	3.5	08/20/20 11:15	
n-Heptane	ug/m3	ND	0.83	08/20/20 11:15	
n-Hexane	ug/m3	ND	0.72	08/20/20 11:15	
Naphthalene	ug/m3	ND	2.7	08/20/20 11:15	
o-Xylene	ug/m3	ND	0.88	08/20/20 11:15	
Propylene	ug/m3	ND	0.35	08/20/20 11:15	
Styrene	ug/m3	ND	0.87	08/20/20 11:15	
Tetrachloroethene	ug/m3	ND	0.69	08/20/20 11:15	
Tetrahydrofuran	ug/m3	ND	0.60	08/20/20 11:15	
Toluene	ug/m3	ND	0.77	08/20/20 11:15	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	08/20/20 11:15	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	08/20/20 11:15	
Trichloroethene	ug/m3	ND	0.55	08/20/20 11:15	
Trichlorofluoromethane	ug/m3	ND	1.1	08/20/20 11:15	
Vinyl acetate	ug/m3	ND	0.72	08/20/20 11:15	
Vinyl chloride	ug/m3	ND	0.26	08/20/20 11:15	

LABORATORY CONTROL SAMPLE: 3708813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	57.5	101	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	63.2	88	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	55.0	96	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	82.3	102	70-130	
1,1-Dichloroethane	ug/m3	42.7	42.6	100	70-130	
1,1-Dichloroethene	ug/m3	41.4	43.6	105	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	166	106	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	48.5	94	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	74.3	93	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	58.4	93	70-136	
1,2-Dichloroethane	ug/m3	42.4	42.1	99	70-130	
1,2-Dichloropropane	ug/m3	48.6	48.1	99	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	48.0	93	70-136	
1,3-Butadiene	ug/m3	23.3	24.8	106	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	60.5	95	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	63.1	100	70-145	
2-Butanone (MEK)	ug/m3	31.4	31.7	101	61-130	
2-Hexanone	ug/m3	42.8	44.5	104	70-138	
2-Propanol	ug/m3	119	128	107	70-136	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10527827

LABORATORY CONTROL SAMPLE: 3708813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	51.6	98	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	45.5	104	70-134	
Acetone	ug/m3	126	141	111	59-137	
Benzene	ug/m3	33.5	31.4	94	70-133	
Benzyl chloride	ug/m3	55.1	58.4	106	70-139	
Bromodichloromethane	ug/m3	71.5	72.5	101	70-130	
Bromoform	ug/m3	110	105	96	60-140	
Bromomethane	ug/m3	41.3	42.5	103	70-131	
Carbon disulfide	ug/m3	33.3	32.7	98	70-130	
Carbon tetrachloride	ug/m3	66.2	71.6	108	70-133	
Chlorobenzene	ug/m3	48.3	43.0	89	70-131	
Chloroethane	ug/m3	28.1	29.1	104	70-141	
Chloroform	ug/m3	51.1	50.3	98	70-130	
Chloromethane	ug/m3	21.9	22.5	103	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	40.4	97	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	47.4	100	70-138	
Cyclohexane	ug/m3	36.7	39.2	107	70-133	
Dibromochloromethane	ug/m3	90.7	90.2	99	70-139	
Dichlorodifluoromethane	ug/m3	51.6	51.4	100	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	75.1	103	65-133	
Ethanol	ug/m3	103	97.5	95	65-135	
Ethyl acetate	ug/m3	38.6	38.9	101	70-135	
Ethylbenzene	ug/m3	45.6	42.9	94	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	119	106	70-134	
m&p-Xylene	ug/m3	91.2	86.5	95	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	38.0	99	70-131	
Methylene Chloride	ug/m3	182	209	115	69-130	
n-Heptane	ug/m3	43.6	44.6	102	70-130	
n-Hexane	ug/m3	37.6	37.3	99	70-131	
Naphthalene	ug/m3	57.7	54.3	94	63-130	
o-Xylene	ug/m3	45.5	42.3	93	70-135	
Propylene	ug/m3	18.2	18.9	104	63-139	
Styrene	ug/m3	44.9	45.5	101	70-143	
Tetrachloroethene	ug/m3	71	66.7	94	70-136	
Tetrahydrofuran	ug/m3	31.5	32.5	103	70-137	
Toluene	ug/m3	39.5	38.9	98	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	40.9	97	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	47.3	99	70-139	
Trichloroethene	ug/m3	56.3	54.5	97	70-132	
Trichlorofluoromethane	ug/m3	59.7	63.8	107	65-136	
Vinyl acetate	ug/m3	34.5	36.3	105	66-140	
Vinyl chloride	ug/m3	26.7	27.8	104	68-141	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10527827

SAMPLE DUPLICATE: 3709978

Parameter	Units	10527827004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	.51J		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	2.5J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	ND		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	12.1	11.8	3	25	
Benzene	ug/m3	ND	.29J		25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	0.87	0.86	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	3.4	3.5	3	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	17.3	17.2	1	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	5.8	5.9	1	25	
n-Heptane	ug/m3	ND	.41J		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 631009876 Arcadia

Pace Project No.: 10527827

SAMPLE DUPLICATE: 3709978

Parameter	Units	10527827004 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	1J		25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	1.7	1.6	4	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	ND	.98J		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.5J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 3709979

Parameter	Units	10527827003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	.53J		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	1.2J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	5.8	5.9	1	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	1.9J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	2.5J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	11.7	11.7	0	25	
Benzene	ug/m3	2.3	2.3	3	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	4.4	4.4	0	25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

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QUALITY CONTROL DATA

Project: 631009876 Arcadia
Pace Project No.: 10527827

SAMPLE DUPLICATE: 3709979

Parameter	Units	10527827003 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	.35J		25	
Carbon tetrachloride	ug/m3	ND	.3J		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	8.0	8.0	1	25	
Chloromethane	ug/m3	0.95	0.96	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	4.5	4.5	2	25	
Dibromochloromethane	ug/m3	ND	2.2J		25	
Dichlorodifluoromethane	ug/m3	2.9	3.0	3	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	22.6	22.9	2	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	1.1J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	4.4	4.4	1	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	1.8J		25	
n-Heptane	ug/m3	ND	ND		25	
n-Hexane	ug/m3	4.3	4.4	1	25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	1.8	1.9	4	25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	93.8	94.9	1	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	8.3	8.4	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	.71J		25	
Trichlorofluoromethane	ug/m3	3.9	4.0	2	25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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QUALIFIERS

Project: 631009876 Arcadia

Pace Project No.: 10527827

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

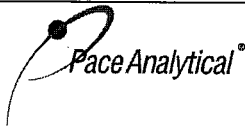
Project: 631009876 Arcadia

Pace Project No.: 10527827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10527827001	Insurance 1st Floor	TO-15	693932		
10527827002	Insurance Basement	TO-15	693932		
10527827003	Insurance Crawlspace	TO-15	693932		
10527827004	Outdoor Ambient	TO-15	693932		
10527827005	Chasteen Insurance	TO-15	693932		
10527827006	Tapatia Crawlspace	TO-15	693932		
10527827007	Tapatia 1st Floor	TO-15	693932		

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Document Name: Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.: ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: APTIM

Project #:

WO#: 10527827

PM: KNH

Due Date: 08/24/20

CLIENT: APTIM

Courier: [x] Fed Ex [] UPS [] USPS [] Client [] Pace [] Speedee [] Commercial [] See Exception

Tracking Number: 1723 2544 6511, 6500

Custody Seal on Cooler/Box Present? [] Yes [x] No Seals Intact? [] Yes [x] No

Packing Material: [] Bubble Wrap [] Bubble Bags [x] Foam [] None [] Tin Can [] Other: Temp Blank rec: [] Yes [x] No

Temp. (TO17 and TO13 samples only) (°C): AMB Corrected Temp (°C): AMB

Thermometer Used: [] G87A9170600254 [] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: AMB

Date & Initials of Person Examining Contents: KAC 8/10/2020

Type of ice Received [] Blue [] Wet [x] None

Comments:

Table with 13 rows of custody and inspection questions, including Chain of Custody Present, Samples Arrived within Hold Time, and Tedlar bags not acceptable container for TO-14.

Gauge # [x] 10AIR26 [] 10AIR34 [] 10AIR35 [] 4097

Canisters

Canisters

Table with 10 columns: Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure, Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure. Contains data for various indoor and outdoor samples.

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? [] Yes [] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review:

Kirsten Hofer

Date: 8/11/2020