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April 1, 2022

Mr. Christopher Mauer
Voluntary Cleanup Program ("VCP")
Washington Department of Ecology ("Ecology")
P.O. Box 47600
Olympia, WA 98504-7600

VIA E-MAIL

Re: Commercial Building Vapor Intrusion Assessment at 2516 E Cherry St and Inspection of 2518 E Cherry St
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 4765174
Former Cherry Street Cleaners
2510 E Cherry St
Seattle, Washington 98122

Dear Mr. Mauer:

On behalf of the former Cherry Street Cleaners, this letter documents an assessment of continued compliance with regard to the potential for vapor intrusion ("VI") at the Twilight Exit Bar commercial building located at 2516 E Cherry St ("2516") and inspection of the Tana Market commercial building located at 2518 E Cherry St ("2518") pursuant to the Washington Department of Ecology ("Ecology")-approved *Cleanup Action Plan (Revision1)* ("CAPrev1")[1] and the previous vapor intrusion assessment ("VIA") report.[2] The ELAM Group previously recommended conducting an annual inspection of 2516 and 2518 for continued Commercial land use. If Commercial land use is confirmed during the annual inspection, a vapor intrusion assessment ("VIA") should be conducted

[1] The ELAM Group, 2020a, *Cleanup Action Plan (Revision 1)*, *TO:* Chris Mauer, Ecology, *FROM:* James Hogan, The ELAM Group, 7/30/20.
[2] The ELAM Group, 2020b, *Commercial Building Vapor Intrusion Assessments at 2516 and Inspection of 2518 E. Cherry St.*, *TO:* Christopher Mauer, Ecology, *FROM:* James Hogan, The ELAM Group, 4/27/20.

for 2516 during the "reasonable worst case" scenario.[3,4] If land use changes to residential, additional VIA may be warranted. The following narrative describes the land use observations, VI sampling conducted for the 2516 building during October 2021, a summary of the results and an analysis of the data.

Background

Both buildings are located east of the former Cherry Street Cleaners dry cleaning facility, as shown on Figure 1. Cherry Street Cleaners was located at 2510 E Cherry St from 1968 to 2007. During this period, Cherry Street Cleaners handled tetrachloroethene ("PCE"), which was released to the subsurface. The constituents of concern ("COCs") in this matter are thus associated with historical dry cleaning operations, including chlorinated volatile organic compounds ("cVOCs") such as PCE and its daughter products trichloroethene ("TCE") and vinyl chloride ("VC"). Several investigations and remedial activities of the COC impacts to soil, groundwater and soil gas have ensued since 2007. Details of the prior work is publicly available through the State of Washington Department of Ecology's ("Ecology's") dedicated website to this site.[5]

Specific to 2516 and 2518, Ecology issued an Opinion Letter ("Opinion") on 11/17/14 with regard to the VIAs conducted during 2012 and 2013. The Opinion stated that the current receptors can be considered protected if levels detected are lower than the Commercial Model Toxics Control Act ("MTCA") Method C Commercial Indoor Air Cleanup Levels ("IACLs") provided that the buildings are used for commercial purposes. As of this writing, the buildings are still used for commercial purposes.

[3] Ecology, 2021, *Draft Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, October 2009 (Revised February 2016 and April 2018) (Draft for Public Comment november 2021), Ecology: https://fortress.wa.gov/ecy/publications/documents/0909047.pdf (URL last verified 2/28/22).

[4] A "reasonable worst case" VI scenario as defined by Ecology's *Draft Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, dated October 2009 (revised February 2016 and April 2018) (Draft for Public Comment November 2021) is a period of time when the building's interior is likely to be "depressurized" relative to the outdoor and subsurface pressures. This condition is common during the "heating season", but also during periods of falling barometric pressure and during snow and/or precipitation when soil gas may preferentially migrate to the drier subsurface airspace beneath building structures.

[5] Ecology, 2022, *Cherry Street Cleaners*, Ecology: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4175 (URL last accessed 2/28/22).

On 6/29/17, a reassessment of the buildings was conducted because sub-slab soil gas ("SGss") samples had not been collected contemporaneously with indoor air ("IA") samples during the prior sampling events. Additionally, the Cherry Street Cleaners building had been demolished since those sampling events, and a reassessment had not been conducted following the demolition. Therefore, as a part of remediation planning and to understand the VI potential after a condition had changed, a paired SGss/IA event was conducted. The results were reported to Ecology in a VIA report, dated 12/1/17.[6] The analytical results showed that, for the first time, the SGss concentrations were lower than the Method C Commercial Soil Gas Screening Levels ("SGSLs"). Our conclusion stated that we believed that the 93% reduction in COC concentrations was related to the demolition of the former Cherry Street Cleaners building and subsequent off-gassing of COCs from the exposed soil. However, we recommended that a winter VIA be conducted during the winter heating season when the building's interior is likely to be depressurized to confirm the reduction in PCE in the SGss and to understand the seasonal variability of the COC concentrations.

Accordingly, a VIA was completed in February of 2018. The results were reported to Ecology in a VIA report, dated 11/7/18.[7] With the exception of a sample result from SGss sample port SS-1, all of the concentrations of the COCs associated with the former Cherry Street Cleaners in the samples from 2516 and 2518 collected during February 2018 once again complied with Ecology's respective Commercial SGSLs and IACLs. To ensure that compliance is maintained, annual inspections of 2516 and 2518 for continued Commercial land use were recommended. If Commercial, the recommendation further stated that a VIA in 2516 should be conducted annually, until the SGss concentrations reduce below the applicable SGSLs for two consecutive events.

Hence, another VIA was conducted in January of 2020. The results were reported to Ecology in a VIA report, dated 4/27/20.[8] With the exception of a sample result from SGss sample port SS-1, all of the concentrations of the COCs associated with the former Cherry Street Cleaners in the samples from 2516 and 2518 collected during

[6] The ELAM Group, 2017, *Commercial Building Vapor Intrusion Assessments at 2516 & 2518 E. Cherry St.*, *TO:* Dale Myers, Ecology, *FROM:* James Hogan, The ELAM Group, 12/1/17.
[7] The ELAM Group, 2018, *Commercial Building Vapor Intrusion Assessments at 2516 & 2518 E. Cherry St.*, *TO:* Sonia Fernandez, Ecology, *FROM:* James Hogan, The ELAM Group, 11/7/18.
[8] The ELAM Group, 2020, *Commercial Building Vapor Intrusion Assessments at 2516 and Inspection of 2518 E. Cherry St.*, *TO:* Christopher Mauer, Ecology, *FROM:* James Hogan, The ELAM Group, 4/27/20.

February 2018 once again complied with Ecology's respective Commercial SGSLs and IACLs.

The recommendation for continued annual inspection and VI sampling according to observed land use was carried forward into the Ecology-approved CAPrev1. This VIA in October of 2021 continues with the annual sampling objective contained in the VIA report along with the annual inspections specified in the CAPrev1. In addition, this VIA represents the first post-remedy sampling event following removal of a heating oil tank ("HOT"), excavation of the surface soils from 0 to 2 feet below ground surface ("bgs") and *in-situ* chemical oxidation ("ISCO") from 2 to 10 feet bgs within the Facility property boundary during June of 2021.[9] Hence, this sampling event also serves to monitor the effect those remedial actions had on soil gas.

Inspection for Commercial Land Use

The current status of the premises at 2516 and 2518 are as follows:

- ❏ Twilight Exit Bar is operating as a commercial business at 2516
- ❏ The commercial building space located at 2518 was vacant and not open for business

The vacancy at 2518 is a new condition compared to the prior inspection in January of 2020. The status will continue to be monitored as per the CAPrev1.

Procedures

On 9/30/21, The ELAM Group surveyed the chemicals housed within the building located at 2516. No chemicals were identified that would serve as indoor air contaminant sources relating to the COCs, so none were removed. Not less than 48 hours after the survey, The ELAM Group initiated subslab and indoor air sampling using laboratory-supplied 6-liter stainless steel Summa canisters in accordance with the Ecology-approved Quality Assurance Project Plan ("QAPP") provided within the CAPrev1.

[9] The ELAM Group, 2022, *Annual Report*.

Results

The analytical results are summarized in Table 1 and shown relative to the sample locations on Figure 2. The chemical inventory is provided in Attachment A. The sampling form is included in Attachment B. The laboratory analytical report including Summa canister certifications is provided in Attachment C.

Analysis

Cherry Street Cleaners COCs Trend Analysis

The concentrations of the COCs associated with the former Cherry Street Cleaners in the IA samples collected from 2516 during October 2021 complied with Ecology's Method C IACLs. However, the PCE concentrations in the SGss samples exceeded Ecology's Method C SGSL. The PCE concentration detected at sample location SS-1 was similar to the prior January 2020 concentration [29,200 micrograms per cubic meter ("ug/m^3") vs. 28,000 ug/m^3]. Whereas the PCE concentration detected at sample location SS-2 was approximately an order of magnitude higher than the prior January 2020 concentration (6,320 ug/m^3 vs. 742 ug/m^3). While the reported SGss concentrations exceed Ecology's SGSL for PCE, the corresponding IA concentrations remain lower than the Commercial IACLs. Monitoring of this development will continue in accordance with the compliance monitoring section of the Ecology-approved CAPrev1.

Despite the higher concentration observed in the October 2021 SGss samples, collected under the "reasonable worst case" VI scenario, the reported result for SS-1 is approximately one quarter of the historical maximum reported SGss concentration of 110,000 ug/m^3, the latter of which was obtained prior to demolition of the former Cherry Street Cleaners building. The historical COC concentrations are summarized in Table 1, with the most recent COC concentrations shown on Figure 2.

Based on these results, we have the following findings:

1. The data support the assertion that the demolition of the former Cherry Street Cleaners building is largely responsible for the release of entrapped soil gas.

2. The June 2021 remediation activities do not appear to have reduced the soil gas beneath the building at 2516. At SS-1, the concentration is approximately the same per-remedy versus post-remedy. At SS-2, the increased concentration might relate to the relatively impermeable surface created by the Portland cement that could impede the release of entrapped soil gas.

To address the PCE impacts deeper in the vadose zone and along the water table, the CAPrev1 includes an Ozone Injection Treatment System ("OITS") that is planned to be installed in 2022. The continued monitoring of 2516 and 2518 during OITS operation will yield further insight into how further source area treatment will affect the soil gas concentrations.

Chloroform

With the exception of a single SGss sample collected from sample port SS-2, Chloroform did not exceed Ecology's Commercial SGSL. This same condition held true during the previous June 2017, February 2018 and January 2020 sampling events.

The source of the chloroform is uncertain, and may result from a disinfection byproduct of treated water and/or cleaning activities. Chlorine bleach can react with ethanol to produce chloroform. 2516 is a bar serving alcoholic beverages. If chlorine bleach is used to disinfect and an alcoholic beverage spills in the vicinity of its use, the reaction would create chloroform.

Aside from those scenarios, chloroform is also a daughter product of carbon tetrachloride ("CT"). CT was commonly used as a dry-cleaning agent up through the 1940s prior to the use of PCE.[10] Accordingly, the source of the CT could relate to a dry cleaner that operated during that time. The former Neighborhood Cleaners/Unique Cleaners building once existed between 1924 and 1965 at 2522 E Cherry St ("2522").[4]

Cherry Street Cleaners' use of chlorinated solvent began in 1968 with PCE and remained PCE until it ceased dry-cleaning activities in 2007. Prior to 1968, the business operated as Accurate Cleaners, which used petroleum-based dry cleaning solvents instead of PCE. Therefore, we conclude that the reported detections of CT, chloroform and dichlorodifluoromethane in the VIA samples collected from 720 are unrelated to the former operations of the Cherry Street Cleaners.

[10] Morrison, R.D. and Murphy, B.L, 2006, *Environmental Forensics*, Elsevier: New York, New York.

Petroleum-based Chemicals

Finally, the following petroleum-related COCs were detected at concentrations greater than the respective laboratory reporting limits: benzene, 1,2,4-trimethylbenzene and xylene. Moreover, the reported concentrations were below Ecology's respective Commercial SGSLs and IACLs. The observed COCs are associated with petroleum and therefore unrelated to the PCE and daughter product COCs associated with the former operations of the Cherry Street Cleaners.

Summary and Recommendation

Based on the October 2021 VIA, The ELAM Group concludes that the indoor air concentrations remain below the Commercial IACLs for the COCs associated with the Cherry Street Cleaners. When conjoined with the prior sampling events from 10/23/12, 4/10/13, 5/30/13, 6/29/17, 2/28/18 and 1/27/20, we have now accumulated seven consecutive data sets that suggest that the Cherry Cleaners COCs within the IA samples have remained in compliance with the Commercial IACLs consistent with Ecology's Opinion from 11/17/14. Should the property usage change from Commercial to Residential, the more stringent Residential IACLs and SGSLs would apply.

To ensure that compliance is maintained, The ELAM Group recommends continued annual inspection of the 2516 and 2518 properties for continued Commercial land use per the CAPrev1. The next inspection and sampling event will be conducted during January of 2023. This event will allow for an evaluation of how the OITS operation affects the soil gas concentrations. Finally, the monitoring of the potential for VI will continue until the SGss concentrations reduce below the applicable IACLs and SGSLs for two consecutive events. In the event that the land use changes to Residential, additional VIA may be warranted.

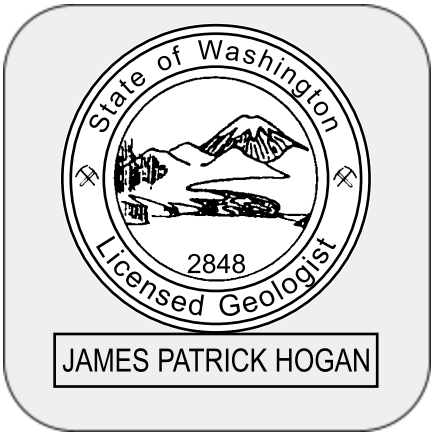
Closing

Should you have any questions with this VIA report, please contact me at (888) 510-3526 x102 or james.hogan@elamusa.com.

Sincerely,

TheELAMGroup
James P. Hogan, RG

Digitally signed by James Hogan
Date: 2022.04.01 12:14:47 -04'00'



Table

Table 1. Summary of Sub-Slab Soil Gas and Indoor Air VOC Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID No. NW2009

Sampling Event	Sample Location	Sample ID	Date	Sample Type	Sample Container	Sample Duration (hrs)	Initial Field Can P ("Hg)	Final Field Can P ("Hg)	Analytical Method	Tetrachloro-ethene	Trichloroethene	Vinyl Chloride	Benzene	Carbon tetrachloride	Chloroform	1,2-Dichloro-ethane	Napthalene	1,2,4-Trimethyl-benzene	m&p-Xylene
								Chemical Abstracts Service Registry Number ("CASRN")		127-18-4	79-01-6	75-01-4	71-43-2	56-23-5	67-66-3	107-06-2	91-20-3	95-63-6	108-38-3
								2015 Indoor Air Cleanup Level, Method B		9.62	0.37	0.28	0.32	0.42	0.11	0.096	0.07	3.20	45.7
								2015 Indoor Air Cleanup Level, Method C		96.15	6.30	2.80	3.21	4.17	1.09	0.962	0.74	7.0	100
								2015 Sub-Slab Soil Gas Screening Level, Method B		320.5	12.3	9.33	10.68	14	3.62	3.21	2.5	107	1,524
								2015 Sub-Slab Soil Gas Screening Level, Method C		3,205	210	93.3	106.8	139	36.2	32.1	25	233	3,333
2516 E. Cherry Street																			
October 2012	SV-2	SV-2 Twilight	10/24/12	Sub-slab	6L Summa	NA	-28.5	-6	TO-15	**36,000**	<94	<45	<56		NT	<71	NT	NT	<76
	IA-2	IA-2 Twilight	10/24/12	Indoor Air	6L Summa	NA	-29.5	-8	TO-15	6.9	<0.19	<0.046	**1.0**		NT	<0.14	NT	NT	1.2
	IA-3	IA-3 Twilight	10/24/12	Indoor Air	6L Summa	NA	-29	-8	TO-15	6.8	<0.20	<0.049	**0.97**		NT	<0.15	NT	NT	1.1
	SV-3	SV-3 Twilight	10/24/12	Sub-slab	6L Summa	NA	-30+	-7	TO-15	**28,000**	<78	<37	<46		NT	<59	NT	NT	<63
	SV-4	SV-4 Twilight	10/24/12	Sub-slab	6L Summa	NA	-30	-8	TO-15	**110,000**	<240	<120	<140		NT	<180	NT	NT	<200
April 2013	IA-03	2516IA-03-20130410	04/10/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	**24**	<0.17	<0.041	**0.59**	NA	NA	NA	NA	NA	NA
	IA-02	2516IA-02-20130410	04/10/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	**12**	<0.18	<0.042	**0.61**	NA	NA	NA	NA	NA	NA
	Building Roof	2516INTAKE-20130410	04/10/13	Outdoor Air	6L Summa	NA	NA	NA	TO-15	0.24	<0.18	<0.042	**0.40**	NA	NA	NA	NA	NA	NA
May 2013	IA-03	2516IA-03-20130530	05/30/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	**25**	<0.88	<0.21	<1.3	NA	NA	NA	NA	NA	NA
	IA-02	2516IA-02-20130530	05/30/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	**15**	<0.36	<0.087	<0.54	NA	NA	NA	NA	NA	NA
June 2017	IA-1	IA-1:A062917	06/29/17	Indoor Air	6L Summa	7.3	-30+	-4	TO-15	2.9	<0.22	<0.15	**0.66**	**0.52**	**0.40**	<0.16	**2.7**	0.94	2.0
	SS-1	SS-1:A062917	06/29/17	Sub-slab	6L Summa	7.5	-30+	-4	TO-15	**1,900**	**18.7**	<0.15	1.5	3.1	**6.2**	<0.15	2.4	2.9	12.2
	IA-2	IA-2:A062917	06/29/17	Indoor Air	6L Summa	7.4	-30+	-5	TO-15	2.2	<0.22	<0.15	**0.57**	**0.49**	**0.51**	<0.16	**2.0**	0.74	1.5
		FD:A062917	06/29/17	Indoor Air	6L Summa	7.4	-24.5	-3.5	TO-15	5.6	<0.21	<0.15	**9.1**	**0.45**	**0.51**	<0.15	**132**	**25.3**	**49.8**
	SS-2	SS-2:A062917	06/29/17	Sub-slab	6L Summa	7.5	-27	-4	TO-15	**636**	6.9	<0.15	1.3	1.1	**84.7**	0.63	2.4	2.5	11.4
February 2018	IA-1	IA1:A022818	02/28/18	Indoor Air	6L Summa	8.0	-30	-4	TO-15	**19.6**	0.13	<0.040	**1.6**	**0.63**	**0.45**	0.089	<4.1	<1.5	<2.7
	SS-1	SS1:A022818	02/28/18	Sub-slab	6L Summa	8.0	-30	-11	TO-15	**8,550**	9.5	<0.055	1.0	0.99	**5.1**	<0.087	<5.6	<2.1	<3.8
	IA-2	IA2:A022818	02/28/18	Indoor Air	6L Summa	8.0	-30	-4	TO-15	**16.9**	**1.2**	<0.054	**1.9**	**0.75**	**0.54**	**0.12**	<4.1	<1.5	<2.7
	SS-2	SS2:A022818	02/28/18	Sub-slab	6L Summa	8.0	-30	-2	TO-15	**544**	3.3	<0.037	0.79	4.5	**143**	<0.059	<3.8	<1.4	<2.5
January 2020	IA-1	IA1:A012720	01/27/20	Indoor Air	6L Summa	8.0	-30	-5.5	TO-15	4.1	<0.085	<0.040	**1.9**	**0.81**	**0.44**	0.090	<4.1	<1.5	<2.7
	SS-1	SS1:A012720	01/27/20	Sub-slab	6L Summa	8.0	-30	-5.5	TO-15	**28,000**	<40.6	<19.3					<1,980	<743	<1,320
	IA-2	IA2:A012720	01/27/20	Indoor Air	6L Summa	8.0	-30	-5	TO-15	7.2	<0.088	<0.042	**2.1**	**0.43**	**1.1**	**0.098**	<4.3	<1.6	<2.8
		DuplicateIA:A012720	01/27/20	Indoor Air	6L Summa	8.0	-30	-6	TO-15	8.0	<0.088	<0.042	**2.1**	**0.68**	**1.1**	**0.099**	<4.3	<1.6	<2.8
	SS-2	SS2:A0122720	01/27/20	Sub-slab	6L Summa	8.0	-29.9	-6	TO-15	**742**	3.8	<0.17	2.6	1.9	**82.6**		<17.8	10.7	59.6
October 2021	IA-1	IA1:A100421	10/04/21	Indoor Air	6L Summa	8.0	-29	-4	TO-15	2.1	0.13	<0.037	**0.35**	<0.18	**0.43**	<0.12	<3.8	<1.4	<2.5
	SS-1	SS1:A100421	10/04/21	Sub-slab	6L Summa	8.0	-30	-2	TO-15	**29,200**	5.6	<0.037	0.36	0.80	**5.4**	<0.12	<3.8	1.7	2.6
	IA-2	IA2:A100421	10/04/21	Indoor Air	6L Summa	8.0	-30	-4.5	TO-15	0.91	<0.079	<0.037	**0.33**	0.37	**0.24**	<0.12	<3.8	<1.4	<2.5
	IA-2	FD1:A100421	10/04/21	Indoor Air	6L Summa	8.0	-30	-4.5	TO-15	0.94	**2.4**	<0.039	0.32	**0.54**	**0.24**	<0.12	<4.0	<1.5	<2.6
	SS-2	SS2:A100421	10/04/21	Sub-slab	6L Summa	8.0	-30	-4	TO-15	**6320**	**14.3**	<0.037	0.13	0.68	**78.4**	<0.12	<3.8	1.4	<2.5
2518 E. Cherry Street																			
October 2012	SV-5	SV-5 TANA MKT.	10/24/12	Sub-slab	6L Summa	NA	-30+	-7	TO-15	20	<0.18	<0.043	0.33		NT	<0.14	NT	NT	0.34
	SV-6	SV-6 TANA MKT.	10/24/12	Sub-slab	6L Summa	NA	-30+	-7	TO-15	0.90	<0.18	<0.043	0.41		NT	<0.14	NT	NT	0.68
	SV-7	SV-7 TANA MKT.	10/24/12	Sub-slab	6L Summa	NA	-28	-7	TO-15	1.8	<0.18	<0.043	0.50		NT	<0.14	NT	NT	1.2
April 2013	IA-01	2518IA-01-20130410	04/10/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	**15**	<0.18	<0.042	**1.1**	NA	NA	NA	NA	NA	NA
	IA-02	2518IA-02-20130410	04/10/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	3.0	<0.36	<0.085	**0.90**	NA	NA	NA	NA	NA	NA
	Building Roof	2518INTAKE-20130410	04/10/13	Outdoor Air	6L Summa	NA	NA	NA	TO-15	0.33	<0.18	<0.044	**0.44**	NA	NA	NA	NA	NA	NA

Table 1. Summary of Sub-Slab Soil Gas and Indoor Air VOC Results

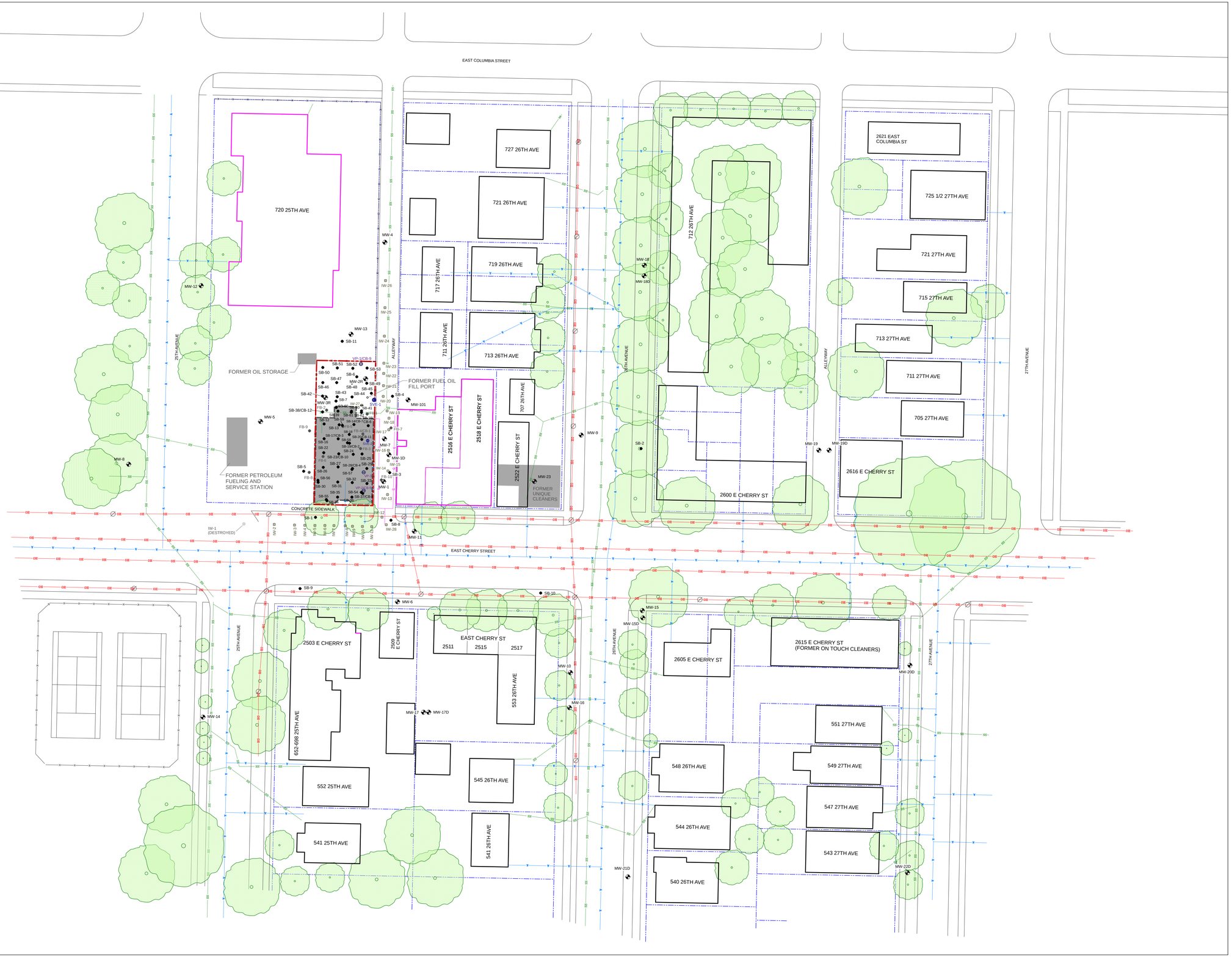
Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID No. NW2009

Sampling Event	Sample Location	Sample ID	Date	Sample Type	Sample Container	Sample Duration (hrs)	Initial Field Can P ("Hg)	Final Field Can P ("Hg)	Analytical Method	Tetrachloro-ethene	Trichloroethene	Vinyl Chloride	Benzene	Carbon tetrachloride	Chloroform	1,2-Dichloro-ethane	Napthalene	1,2,4-Trimethyl-benzene	m&p-Xylene
								Chemical Abstracts Service Registry Number ("CASRN")		127-18-4	79-01-6	75-01-4	71-43-2	56-23-5	67-66-3	107-06-2	91-20-3	95-63-6	108-38-3
								2015 Indoor Air Cleanup Level, Method B		9.62	0.37	0.28	0.32	0.42	0.11	0.096	0.07	3.20	45.7
								2015 Indoor Air Cleanup Level, Method C		96.15	6.30	2.80	3.21	4.17	1.09	0.962	0.74	7.0	100
								2015 Sub-Slab Soil Gas Screening Level, Method B		320.5	12.3	9.33	10.68	14	3.62	3.21	2.5	107	1,524
								2015 Sub-Slab Soil Gas Screening Level, Method C		3,205	210	93.3	106.8	139	36.2	32.1	25	233	3,333
May 2013	IA-01	2518IA-01-20130530	05/30/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	**20**	<0.37	<0.087	**0.88**	NA	NA	NA	NA	NA	NA
	IA-02	2518IA-02-20130530	05/30/13	Indoor Air	6L Summa	NA	NA	NA	TO-15	2.7	<0.45	<0.11	**0.74**	NA	NA	NA	NA	NA	NA
June 2017	IA-3	IA-3:A062917	06/29/17	Indoor Air	6L Summa	7.3	-30	-4	TO-15	1.8	0.24	<0.15	**0.79**	**0.47**	**0.73**	**0.62**	<0.23	0.90	3.1
	CSA-3	CSA-3:A062917	06/29/17	Crawlspace	6L Summa	7.3	-30+	-4	TO-15	1.4	0.36	<0.15	**1.7**	**0.52**	**1.2**	<0.15	**2.1**	2.4	11.0
	IA-4	IA-4:A062917	06/29/17	Indoor Air	6L Summa	7.3	-30	-2	TO-15	5.7	**1.5**	<0.15	**2.8**	**0.64**	**2.2**	**1.6**	**5.4**	**7.6**	**117**
	SS-4	SS-4:A062917	06/29/17	Sub-slab	6L Summa	7.3	-30+	-4.5	TO-15	**2,020**	2.5	<0.15	1.4	1.4	**3.9**	<0.15	2.3	2.9	12.1
February 2018	IA-3	IA3:A022818	02/28/18	Indoor Air	6L Summa	8.0	-29	-2	TO-15	2.2	0.11	0.047	**1.2**	**0.62**	**1.6**	0.091	<4.1	<1.5	<2.7
	CSA-3	CSA3:A022818	02/28/18	Crawlspace	6L Summa	8.0	-29	-4	TO-15	1.4	0.16	<0.040	**0.97**	**0.63**	**0.60**	0.094	<4.1	<1.5	<2.7
	IA-4	IA4:A022818	02/28/18	Indoor Air	6L Summa	8.0	-27	-2	TO-15	3.4	**0.86**	<0.036	**1.8**	**0.49**	**8.6**	**0.12**	<3.7	**4.9**	**49.9**
		Dup2518:A022818	02/28/18	Indoor Air	6L Summa	8.0	-30	-5	TO-15	0.68	0.13	<0.040	**1.7**	**0.90**	**7.8**	**0.13**	<4.1	**5.0**	**49.1**
	SS-4	SS4:A022818	02/28/18	Sub-slab	6L Summa	8.0	-30	-4	TO-15	**1,610**	0.34	<0.040	3.6	0.69	**4.3**	<0.064	<4.1	<1.5	<2.7
January 2020	The commercial building space located at 2518 was vacant and not open for business. Since Commercial land use was confirmed during the annual inspection, a VIA was not conducted in 2518 during the "reasonable worst case" scenario.																		
October 2021	The commercial building space located at 2518 was vacant and not open for business. Since Commercial land use was confirmed during the annual inspection, a VIA was not conducted in 2518 during the "reasonable worst case" scenario.																		
Outdoor Air																			
October 2012	Outdoor	AMB-1	10/24/12	Outdoor Air	6L Summa	NA	-30+	-5	TO-15	0.68	<0.17	<0.040	**0.81**		NT	<0.12	NT	NT	1.5
April 2013	Outdoor	AMB-01-20130410	04/10/13	Outdoor Air	6L Summa	NA	NA	NA	TO-15	0.26	<0.17	<0.040	**0.75**	NA	NA	NA	NA	NA	NA
May 2013	Outdoor	AMB-01-20130530	05/30/13	Outdoor Air	6L Summa	NA	NA	NA	TO-15	<0.22	<0.18	<0.042	0.30	NA	NA	NA	NA	NA	NA
June 2017	Outdoor	OA:A062917	06/29/17	Outdoor Air	6L Summa	6.1	-27	-2	TO-15	1.2	<0.21	<0.15	**0.44**	**0.44**	<0.14	<0.15	**5.1**	0.80	1.6
February 2018	Outdoor	OA2516:A022818	02/28/18	Outdoor Air	6L Summa	8.0	-30	-3	TO-15	0.42	<0.076	<0.036	**0.87**	**0.53**	**0.14**	0.083	<3.7	<1.4	<2.5
January 2020	Outdoor	OA2516:A012720	01/27/20	Outdoor Air	6L Summa	8.0	-29.5	-6	TO-15	1.3	0.087	0.042	**2.5**	**0.69**	**0.50**	**0.097**	<4.1	**7.2**	20.7
October 2021	Outdoor	OA1:A100421	10/24/21	Oudoor Air	6L Summa	8.0	-30	-7.5	TO-15	0.18	<0.079	<0.037	**0.44**	**0.54**	<0.14	<0.12	<3.8	<1.4	<2.5

Notes:

1. All air analytical results are presented in micrograms per cubic meter (ug/m3).
2. All results are displayed for PCE and its daughter compounds, TCE and vinyl chloride. The other compounds presented contain at least one sample that was detected at a concentration greater than the applicable screening level.
3. A bold font style indicates that the concentration exceeds the Method B Screening Level, and a bold underlined font style indicates that the concentration exceeds the Method C. For carcinogens, the Cancer Screening Level is used. For non-carcinogens, the Noncancer Screening Level is used.
4. NT = Not Tested
5. NA = Not Available

Figures



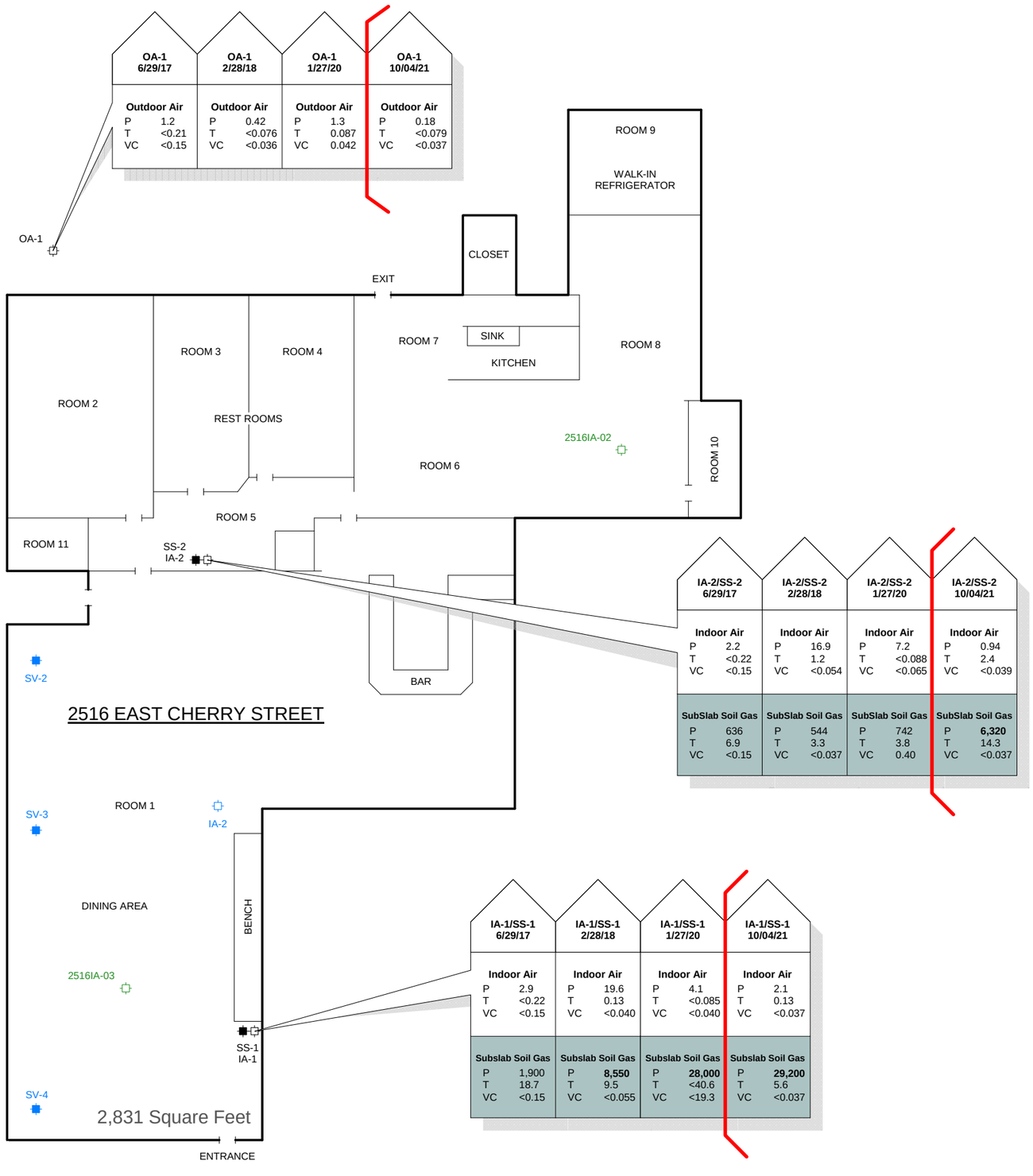
TheELAMGroup

LEGEND

- Monitoring Well
- Soil Boring
- Injection Well
- Soil Vapor Extraction Well
- Vapor Monitoring Point
- Abandoned Injection Well
- Abandoned Soil Vapor Extraction Well
- Abandoned Vapor Monitoring Point
- Underground Sanitary Sewer Line
- Underground Water Line
- Underground Natural Gas Line
- Overhead Electric Line
- Utility Pole
- Tree
- Former Building Location
- Vapor Intrusion Assessment Location

0 30 60

Figure No: 1
Title: Site Plan
Scale: 1" = 30'
Project No: WAKS2510C16.5
Report: VIA Report
Drawn by: The ELAM Group
Date: 03/03/2022



TheELAMGroup

LEGEND

- Air Sampling Point
- Subslab/Crawl Space Soil Gas Sampling Point
- Air Sampling Point (2012)
- Subslab/Crawl Space Soil Gas Sampling Point (2012)
- Air Sampling Point (2013)
- Sample collected after soil treatment at Cherry Street Cleaners facility in June 2021

Notes:
1. Analytical results are presented in micrograms/cubic meter (ug/m^3)
2. Any analytical result that exceeds an applicable Commercial MTCA Method C Screening Level is shown in **bold** font style
3. Samples were analyzed for the full VOC list. Only PCE and its daughter products TCE and VC are shown

P	Tetrachloroethylene (PCE)
T	Trichloroethylene (TCE)
VC	Vinyl Chloride

N

0 5 10 feet

Figure No: 2
Title: VIA Sample Results
Scale: 1" = 10'
Project No: WAKS2510C16.5
Report: VIA Report
Drawn by: The ELAM Group
Date: 03/03/2022

Attachment A

Chemical Inventory

Chemical Inventory

Page ____ of ____

Building Name/Address: 2516 East Cherry St

Date: ____

Chemical Name	Container type/size	Location	cVOCs? (Y or N)	Removed? (Y or N)
Oatey Purple Primer	8 fl oz can	Side Storage	N	
Kobalt Air Tool Oil	8 oz bottle	Side Storage	?	
Goof Off Remover x2	4.5 fl oz bottle	Side Storage	N	Y
Oatey All Purpose Cement x2	8 fl oz can	Side Storage	N	
Dip and Grip Nyol Coater	8 fl oz bottle	Side Storage	?	
Goof Off Graffiti Remover x2	18 oz canister	Side Storage	Y	Y
Rust-O-Leum Gloss Enamel x2	12 oz can	Side Storage	?	Y
Minwax Wood Finish	8 fl oz	Side Storage	?	Y
UltraCril Waterborne Topcoat Spray	12 oz spray can	Side Storage	N	Y
ValSpar Chalkboard Paint x2	12 oz Spray can	Side Storage	N	Y
Loctite All Purpose Seal n Bond	10 fl oz bottle	Side Storage	N	Y
Minwax Wood Finish	11.5 oz can	Side Storage	N	Y
Goo Gone Graffiti Remover	24 fl oz bottle	Side Storage	N	Y
WD-40 Silicone Lubricant	11 oz bottle	Side Storage	N	Y
Rust-O-Leum Interior Stain Paint	18 oz can	Side Storage	N	Y
Minwax Polyurethane	11.5 oz spray can	Side Storage	N	Y
Premium Decor Metallic Spray	12 oz can	Side Storage	N	Y
Trume Strait Line Marking Chalk	4 oz bottle	Side Storage	?	Y
GE Premium Waterproof Silicone	2.8 fl oz bottle	Side Storage	N	Y
Clorox x2	128 fl oz	Bar	N	N
Low Temp Rinse Aid	3.78 fl oz	Bar	N	N
Liquid Plumber Gel	80 fl oz bottle	Bar	N	N
Comet Cleaner	28 oz can	Kitchen	N	N
Emmy soak	2.5 L bottle	Kitchen	N	N
Green Kleen Floor Clean	2.5 L bottle	Kitchen	N	N
Grill and Oven Kleen	3.78 L bottle	Kitchen	N	N
Glass Cleaner (Auto-Chlor)	750 mL bottle			

Attachment B

Summa Canister Air Sampling Form

SUMMA CANISTER AIR SAMPLING FORM

The Group

GENERAL INFORMATION

SITE: Twilight Exit

SAMPLING ADDRESS: 2516 E Cherry St

SAMPLING EVENT (circle one): SUMMERTIME WINTERTIME

TEMPERATURE (F): BAROMETRIC PRESSURE: PRECIPITATION (circle one): Y (N)

WIND DIRECTION (circle one): N NE E SE S (SW) W NW

SAMPLING PERSONNEL ID & AFFILIATION:

SAMPLING INFORMATION

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
SS1: A100421	2767	0384	SHUT IN TEST	10/4	0915	-30
			INITIAL	10/4	1050	-30
TYPE (circle one) / METHOD (circle one) / SOURCE (circle one) / VALVE (circle one)			1 Hr		1155	-27
			2 Hr		1250	-23
400 mL / TO-14A / Air / 24 hour			6 Hr		1650	-11
1 L / (TO-15) / (SGss) / (8 hour)			7 Hr		1750	-6
(6 L) / TO-15 SIM / SGe / 200 ml/min			FINAL		1849	-2

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
FA1: A100421	584	2133	SHUT IN TEST	10/4	0920	-29
			INITIAL	10/4	1052	-29
TYPE (circle one) / METHOD (circle one) / SOURCE (circle one) / VALVE (circle one)			1 Hr		1155	-28
			2 Hr		1250	-26
400 mL / TO-14A / (Air) / 24 hour			6 Hr		1650	-11
1 L / (TO-15) / SGss / (8 hour)			7 Hr		1750	-7
(6 L) / TO-15 SIM / SGe / 200 ml/min			FINAL		1854	-4

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
SS2: A100421	3553	2081	SHUT IN TEST	10/4	0921	-30
			INITIAL	10/4	1102	-30
TYPE (circle one) / METHOD (circle one) / SOURCE (circle one) / VALVE (circle one)			1 Hr		1203	-28
			2 Hr		1303	-26
400 mL / TO-14A / Air / 24 hour			6 Hr		1703	-12
1 L / (TO-15) / (SGss) / (8 hour)			7 Hr		1802	-7
(6 L) / TO-15 SIM / SGe / 200 ml/min			FINAL		1902	-4

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
FA2: A100421	2029	2157	SHUT IN TEST	10/4	0925	-30
			INITIAL	10/4	1103	-30
TYPE (circle one) / METHOD (circle one) / SOURCE (circle one) / VALVE (circle one)			1 Hr		1204	-29
			2 Hr		1303	-26
400 mL / TO-14A / (Air) / 24 hour			6 Hr		1703	-12
1 L / (TO-15) / SGss / (8 hour)			7 Hr		1803	-9
(6 L) / TO-15 SIM / SGe / 200 ml/min			FINAL		1904	-4.5

(1) Pressure reading recording guidelines for various time-weighted average (TWA) valves:

a. 24-hour TWA: Initial, Hour 1, Hour 2, Hour 22, Hour 23, and Final

b. 8-hour TWA: Initial, Hour 1, Hour 2, Hour 6, Hour 7, and Final

b. 200 mL/min: Initial and Final (5 min for 1 L, and 30 min for 6 L)

SUMMA CANISTER AIR SAMPLING FORM

The Group

GENERAL INFORMATION

SITE: Twilight Exit

SAMPLING ADDRESS: 2516 E Cherry St

SAMPLING EVENT (circle one): SUMMERTIME WINTERTIME

TEMPERATURE (F): 52°F BAROMETRIC PRESSURE: 29.9E PRECIPITATION (circle one): Y (N)

WIND DIRECTION (circle one): N NE E SE S (SW) W NW

SAMPLING PERSONNEL ID & AFFILIATION:

SAMPLING INFORMATION

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
FD1: A100421		2818	0322	*SHUT IN TEST*	10/4	0931	-30
				INITIAL	10/4	1103	-30
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)	1 Hr		1204	-29
400 mL	*TO-14A*	*Air*	*24 hour*	2 Hr		1304	-26
1 L	(*TO-15*)	*SGss*	*8 hour*	6 Hr		1704	-12
(*6 L*)	*TO-15 SIM*	*SGe*	*200 ml/min*	7 Hr		1804	-9
				FINAL		1904	-4.5

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
OA1: A100421		1280	0216	*SHUT IN TEST*	10/4	0928	-30
				INITIAL	10/4	1105	-30
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)	1 Hr		1206	-28
400 mL	*TO-14A*	*Air*	*24 hour*	2 Hr		1305	-25
1 L	*TO-15*	*SGss*	*8 hour*	6 Hr		1705	-11
6 L	*TO-15 SIM*	*SGe*	*200 ml/min*	7 Hr		1805	-9
				FINAL		1907	-7.5

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
				SHUT IN TEST			
				INITIAL			
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)				
400 mL	*TO-14A*	*Air*	*24 hour*				
1 L	*TO-15*	*SGss*	*8 hour*				
6 L	*TO-15 SIM*	*SGe*	*200 ml/min*	*FINAL*			

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
				SHUT IN TEST			
				INITIAL			
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)				
400 mL	*TO-14A*	*Air*	*24 hour*				
1 L	*TO-15*	*SGss*	*8 hour*				
6 L	*TO-15 SIM*	*SGe*	*200 ml/min*	*FINAL*			

(1) Pressure reading recording guidelines for various time-weighted average (TWA) valves:

a. 24-hour TWA: Initial, Hour 1, Hour 2, Hour 22, Hour 23, and Final

b. 8-hour TWA: Initial, Hour 1, Hour 2, Hour 6, Hour 7, and Final

b. 200 mL/min: Initial and Final (5 min for 1 L, and 30 min for 6 L)

Attachment C

Laboratory Analytical Report

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

October 29, 2021

Jason Oland
The Elam Group
176 W. Logan St.
Noblesville, IN 46060

RE: Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Dear Jason Oland:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2021. 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

This report was revised on October 29, 2021, to modify the list of samples reported.

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

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10582126001	FO1:A100421	Air	10/04/21 00:00	10/07/21 10:10
10582126002	FO1:100421 Cert#2818	Air		10/07/21 10:10
10582126003	SS1:A100421	Air	10/04/21 18:49	10/07/21 10:10
10582126004	SS1:100421 Cert#2767	Air		10/07/21 10:10
10582126005	SS2:A100421	Air	10/04/21 19:02	10/07/21 10:10
10582126006	SS2:100421 Cert#3553	Air		10/07/21 10:10
10582126007	IA1:A100421	Air	10/04/21 18:54	10/07/21 10:10
10582126008	IA1:100421 Cert#0504	Air		10/07/21 10:10
10582126009	IA2:A100421	Air	10/04/21 19:04	10/07/21 10:10
10582126010	IA2:100421 Cert#2029	Air		10/07/21 10:10
10582126011	IA12:A100421	Air	10/04/21 19:25	10/07/21 10:10
10582126012	IA12:100421 Cert#2706	Air		10/07/21 10:10
10582126013	OA1:A100421	Air	10/04/21 19:07	10/07/21 10:10
10582126014	OA1:100421 Cert#1288	Air		10/07/21 10:10
10582126015	OA2:A100421	Air	10/04/21 20:20	10/07/21 10:10
10582126016	OA2:100421 Cert#3318	Air		10/07/21 10:10
10582126017	Unused Canister #2830	Air		10/07/21 10:10
10582126018	Unused Canister #3440	Air		10/07/21 10:10
10582126019	Unused Canister #2713	Air		10/07/21 10:10
10582126020	Unused Canister #2768	Air		10/07/21 10:10
10582126021	Unused Canister #1190	Air		10/07/21 10:10
10582126022	Unused Canister #0859	Air		10/07/21 10:10
10582126023	Unused Canister #2131	Air		10/07/21 10:10
10582126024	Unused Canister #1470	Air		10/07/21 10:10
10582126025	Unused Canister #0149	Air		10/07/21 10:10
10582126026	Unused Canister #0071	Air		10/07/21 10:10
10582126027	Unused Canister #3593	Air		10/07/21 10:10
10582126028	Unused Canister #1047	Air		10/07/21 10:10
10582126029	Unused Canister #3424	Air		10/07/21 10:10
10582126030	Unused Canister #2839	Air		10/07/21 10:10
10582126031	Unused Canister #2055	Air		10/07/21 10:10
10582126032	Unused Canister #2184	Air		10/07/21 10:10
10582126033	Unused Canister #2064	Air		10/07/21 10:10
10582126034	Unused Canister #3354	Air		10/07/21 10:10

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10582126001	**FO1:A100421**	TO-15	MJL	61	PASI-M
10582126002	**FO1:100421 Cert#2818**	TO-15	AFV	61	PASI-M
10582126003	**SS1:A100421**	TO-15	MJL	61	PASI-M
10582126004	**SS1:100421 Cert#2767**	TO-15	AFV	61	PASI-M
10582126005	**SS2:A100421**	TO-15	MJL	61	PASI-M
10582126006	**SS2:100421 Cert#3553**	TO-15	AFV	61	PASI-M
10582126007	**IA1:A100421**	TO-15	MJL	61	PASI-M
10582126008	**IA1:100421 Cert#0504**	TO-15	MJL	61	PASI-M
10582126009	**IA2:A100421**	TO-15	MJL	61	PASI-M
10582126010	**IA2:100421 Cert#2029**	TO-15	AFV	61	PASI-M
10582126013	**OA1:A100421**	TO-15	MJL	61	PASI-M
10582126014	**OA1:100421 Cert#1288**	TO-15	AFV	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: FO1:A100421 **Lab ID: 10582126001** Collected: 10/04/21 00:00 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**156**	ug/m3	9.0	2.7	1.49		10/26/21 15:19	67-64-1	
Benzene	**0.32**	ug/m3	0.048	0.030	1.49		10/26/21 15:19	71-43-2	
Benzyl chloride	ND	ug/m3	3.9	1.3	1.49		10/26/21 15:19	100-44-7	
Bromodichloromethane	ND	ug/m3	0.10	0.059	1.49		10/26/21 15:19	75-27-4	
Bromoform	ND	ug/m3	7.8	2.4	1.49		10/26/21 15:19	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.22	1.49		10/26/21 15:19	74-83-9	
1,3-Butadiene	ND	ug/m3	0.067	0.022	1.49		10/26/21 15:19	106-99-0	
2-Butanone (MEK)	**6.3**	ug/m3	4.5	0.69	1.49		10/26/21 15:19	78-93-3	
Carbon disulfide	**1.1**	ug/m3	0.94	0.19	1.49		10/26/21 15:19	75-15-0	
Carbon tetrachloride	**0.54**	ug/m3	0.19	0.065	1.49		10/26/21 15:19	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	0.23	1.49		10/26/21 15:19	108-90-7	
Chloroethane	ND	ug/m3	0.80	0.33	1.49		10/26/21 15:19	75-00-3	
Chloroform	**0.24**	ug/m3	0.15	0.029	1.49		10/26/21 15:19	67-66-3	
Chloromethane	**0.91**	ug/m3	0.63	0.13	1.49		10/26/21 15:19	74-87-3	
Cyclohexane	ND	ug/m3	2.6	0.33	1.49		10/26/21 15:19	110-82-7	
Dibromochloromethane	ND	ug/m3	2.6	0.77	1.49		10/26/21 15:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.10	1.49		10/26/21 15:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	4.6	0.60	1.49		10/26/21 15:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	4.6	0.76	1.49		10/26/21 15:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.6	1.3	1.49		10/26/21 15:19	106-46-7	
Dichlorodifluoromethane	**3.3**	ug/m3	1.5	0.28	1.49		10/26/21 15:19	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.12	0.019	1.49		10/26/21 15:19	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.12	0.028	1.49		10/26/21 15:19	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.12	0.020	1.49		10/26/21 15:19	75-35-4	
cis-1,2-Dichloroethene	**1.6**	ug/m3	0.12	0.029	1.49		10/26/21 15:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.12	0.026	1.49		10/26/21 15:19	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.070	0.030	1.49		10/26/21 15:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	3.4	0.38	1.49		10/26/21 15:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.4	0.81	1.49		10/26/21 15:19	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	0.30	1.49		10/26/21 15:19	76-14-2	
Ethanol	**564**	ug/m3	2.9	0.88	1.49		10/26/21 15:19	64-17-5	
Ethyl acetate	**2.2**	ug/m3	1.1	0.20	1.49		10/26/21 15:19	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.46	1.49		10/26/21 15:19	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.7	0.70	1.49		10/26/21 15:19	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.27	1.49		10/26/21 15:19	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.1	1.8	1.49		10/26/21 15:19	87-68-3	
n-Hexane	ND	ug/m3	1.1	0.28	1.49		10/26/21 15:19	110-54-3	
2-Hexanone	ND	ug/m3	6.2	0.66	1.49		10/26/21 15:19	591-78-6	
Methylene Chloride	ND	ug/m3	5.3	0.88	1.49		10/26/21 15:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.2	0.48	1.49		10/26/21 15:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.5	0.19	1.49		10/26/21 15:19	1634-04-4	
Naphthalene	ND	ug/m3	4.0	3.2	1.49		10/26/21 15:19	91-20-3	
2-Propanol	**7.7**	ug/m3	3.7	0.76	1.49		10/26/21 15:19	67-63-0	
Propylene	ND	ug/m3	1.3	0.19	1.49		10/26/21 15:19	115-07-1	
Styrene	ND	ug/m3	1.3	0.57	1.49		10/26/21 15:19	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: FO1:A100421 **Lab ID: 10582126001** Collected: 10/04/21 00:00 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.21	0.096	1.49		10/26/21 15:19	79-34-5	
Tetrachloroethene	**0.94**	ug/m3	0.10	0.049	1.49		10/26/21 15:19	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.89	0.27	1.49		10/26/21 15:19	109-99-9	
Toluene	**1.8**	ug/m3	1.1	0.36	1.49		10/26/21 15:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.2	7.3	1.49		10/26/21 15:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.17	0.054	1.49		10/26/21 15:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.083	0.024	1.49		10/26/21 15:19	79-00-5	
Trichloroethene	**2.4**	ug/m3	0.081	0.041	1.49		10/26/21 15:19	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	0.35	1.49		10/26/21 15:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	0.43	1.49		10/26/21 15:19	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.53	1.49		10/26/21 15:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.43	1.49		10/26/21 15:19	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.31	1.49		10/26/21 15:19	108-05-4	
Vinyl chloride	ND	ug/m3	0.039	0.022	1.49		10/26/21 15:19	75-01-4	
m&p-Xylene	ND	ug/m3	2.6	0.96	1.49		10/26/21 15:19	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.40	1.49		10/26/21 15:19	95-47-6	

Sample: FO1:100421 Cert#2818 **Lab ID: 10582126002** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		08/17/21 16:23	67-64-1	
Benzene	ND	ug/m3	0.032	0.020	1		08/17/21 16:23	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		08/17/21 16:23	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.040	1		08/17/21 16:23	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		08/17/21 16:23	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		08/17/21 16:23	74-83-9	
1,3-Butadiene	ND	ug/m3	0.045	0.014	1		08/17/21 16:23	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		08/17/21 16:23	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		08/17/21 16:23	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.13	0.044	1		08/17/21 16:23	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		08/17/21 16:23	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		08/17/21 16:23	75-00-3	
Chloroform	ND	ug/m3	0.099	0.019	1		08/17/21 16:23	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		08/17/21 16:23	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		08/17/21 16:23	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		08/17/21 16:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.070	1		08/17/21 16:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		08/17/21 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		08/17/21 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		08/17/21 16:23	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: FO1:100421 Cert#2818 **Lab ID: 10582126002** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		08/17/21 16:23	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.082	0.013	1		08/17/21 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.082	0.019	1		08/17/21 16:23	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.081	0.013	1		08/17/21 16:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.081	0.020	1		08/17/21 16:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.081	0.017	1		08/17/21 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.020	1		08/17/21 16:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		08/17/21 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		08/17/21 16:23	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		08/17/21 16:23	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		08/17/21 16:23	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		08/17/21 16:23	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		08/17/21 16:23	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		08/17/21 16:23	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		08/17/21 16:23	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		08/17/21 16:23	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		08/17/21 16:23	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		08/17/21 16:23	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		08/17/21 16:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		08/17/21 16:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		08/17/21 16:23	1634-04-4	
Naphthalene	ND	ug/m3	2.7	2.2	1		08/17/21 16:23	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		08/17/21 16:23	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		08/17/21 16:23	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		08/17/21 16:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.14	0.065	1		08/17/21 16:23	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.012	1		08/17/21 16:23	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		08/17/21 16:23	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		08/17/21 16:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	4.9	1		08/17/21 16:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.11	0.036	1		08/17/21 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.016	1		08/17/21 16:23	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.028	1		08/17/21 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		08/17/21 16:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		08/17/21 16:23	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		08/17/21 16:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		08/17/21 16:23	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		08/17/21 16:23	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.015	1		08/17/21 16:23	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		08/17/21 16:23	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		08/17/21 16:23	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: SS1:A100421 **Lab ID: 10582126003** Collected: 10/04/21 18:49 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**85.9**	ug/m3	8.7	2.6	1.44		10/26/21 20:33	67-64-1	
Benzene	**0.36**	ug/m3	0.047	0.029	1.44		10/26/21 20:33	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.3	1.44		10/26/21 20:33	100-44-7	
Bromodichloromethane	**0.35**	ug/m3	0.098	0.057	1.44		10/26/21 20:33	75-27-4	
Bromoform	ND	ug/m3	7.6	2.3	1.44		10/26/21 20:33	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.22	1.44		10/26/21 20:33	74-83-9	
1,3-Butadiene	ND	ug/m3	0.065	0.021	1.44		10/26/21 20:33	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.3	0.67	1.44		10/26/21 20:33	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.19	1.44		10/26/21 20:33	75-15-0	
Carbon tetrachloride	**0.80**	ug/m3	0.18	0.063	1.44		10/26/21 20:33	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.22	1.44		10/26/21 20:33	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.32	1.44		10/26/21 20:33	75-00-3	
Chloroform	**5.4**	ug/m3	0.14	0.028	1.44		10/26/21 20:33	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.12	1.44		10/26/21 20:33	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.32	1.44		10/26/21 20:33	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.74	1.44		10/26/21 20:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.11	0.10	1.44		10/26/21 20:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	4.4	0.58	1.44		10/26/21 20:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	4.4	0.73	1.44		10/26/21 20:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.3	1.44		10/26/21 20:33	106-46-7	
Dichlorodifluoromethane	**3.5**	ug/m3	1.5	0.27	1.44		10/26/21 20:33	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.12	0.019	1.44		10/26/21 20:33	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.12	0.027	1.44		10/26/21 20:33	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.12	0.019	1.44		10/26/21 20:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.12	0.028	1.44		10/26/21 20:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.12	0.025	1.44		10/26/21 20:33	156-60-5	
1,2-Dichloropropane	**0.76**	ug/m3	0.068	0.029	1.44		10/26/21 20:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	3.3	0.37	1.44		10/26/21 20:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.3	0.78	1.44		10/26/21 20:33	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.29	1.44		10/26/21 20:33	76-14-2	
Ethanol	**508**	ug/m3	2.8	0.85	1.44		10/26/21 20:33	64-17-5	
Ethyl acetate	**3.1**	ug/m3	1.1	0.19	1.44		10/26/21 20:33	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.44	1.44		10/26/21 20:33	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.68	1.44		10/26/21 20:33	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.26	1.44		10/26/21 20:33	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.8	1.44		10/26/21 20:33	87-68-3	
n-Hexane	ND	ug/m3	1.0	0.28	1.44		10/26/21 20:33	110-54-3	
2-Hexanone	ND	ug/m3	6.0	0.64	1.44		10/26/21 20:33	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	0.85	1.44		10/26/21 20:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	0.46	1.44		10/26/21 20:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.18	1.44		10/26/21 20:33	1634-04-4	
Naphthalene	ND	ug/m3	3.8	3.1	1.44		10/26/21 20:33	91-20-3	
2-Propanol	**67.2**	ug/m3	3.6	0.73	1.44		10/26/21 20:33	67-63-0	
Propylene	ND	ug/m3	1.3	0.19	1.44		10/26/21 20:33	115-07-1	
Styrene	ND	ug/m3	1.2	0.55	1.44		10/26/21 20:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: SS1:A100421 **Lab ID: 10582126003** Collected: 10/04/21 18:49 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.20	0.093	1.44		10/26/21 20:33	79-34-5	
Tetrachloroethene	**29200**	ug/m3	47.6	22.8	691.2		10/28/21 14:23	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.26	1.44		10/26/21 20:33	109-99-9	
Toluene	**3.1**	ug/m3	1.1	0.35	1.44		10/26/21 20:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	7.0	1.44		10/26/21 20:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.16	0.052	1.44		10/26/21 20:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.080	0.023	1.44		10/26/21 20:33	79-00-5	
Trichloroethene	**5.6**	ug/m3	0.079	0.040	1.44		10/26/21 20:33	79-01-6	
Trichlorofluoromethane	**2.0**	ug/m3	1.6	0.34	1.44		10/26/21 20:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.42	1.44		10/26/21 20:33	76-13-1	
1,2,4-Trimethylbenzene	**1.7**	ug/m3	1.4	0.51	1.44		10/26/21 20:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.42	1.44		10/26/21 20:33	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.30	1.44		10/26/21 20:33	108-05-4	
Vinyl chloride	ND	ug/m3	0.037	0.022	1.44		10/26/21 20:33	75-01-4	
m&p-Xylene	**2.6**	ug/m3	2.5	0.92	1.44		10/26/21 20:33	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.39	1.44		10/26/21 20:33	95-47-6	

Sample: SS1:100421 Cert#2767 **Lab ID: 10582126004** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		08/27/21 10:01	67-64-1	
Benzene	ND	ug/m3	0.032	0.020	1		08/27/21 10:01	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		08/27/21 10:01	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.040	1		08/27/21 10:01	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		08/27/21 10:01	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		08/27/21 10:01	74-83-9	
1,3-Butadiene	ND	ug/m3	0.045	0.014	1		08/27/21 10:01	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		08/27/21 10:01	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		08/27/21 10:01	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.13	0.044	1		08/27/21 10:01	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		08/27/21 10:01	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		08/27/21 10:01	75-00-3	
Chloroform	ND	ug/m3	0.099	0.019	1		08/27/21 10:01	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		08/27/21 10:01	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		08/27/21 10:01	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		08/27/21 10:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.070	1		08/27/21 10:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		08/27/21 10:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		08/27/21 10:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		08/27/21 10:01	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: SS1:100421 Cert#2767 **Lab ID: 10582126004** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		08/27/21 10:01	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.082	0.013	1		08/27/21 10:01	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.082	0.019	1		08/27/21 10:01	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.081	0.013	1		08/27/21 10:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.081	0.020	1		08/27/21 10:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.081	0.017	1		08/27/21 10:01	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.020	1		08/27/21 10:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		08/27/21 10:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		08/27/21 10:01	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		08/27/21 10:01	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		08/27/21 10:01	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		08/27/21 10:01	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		08/27/21 10:01	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		08/27/21 10:01	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		08/27/21 10:01	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		08/27/21 10:01	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		08/27/21 10:01	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		08/27/21 10:01	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		08/27/21 10:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		08/27/21 10:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		08/27/21 10:01	1634-04-4	
Naphthalene	ND	ug/m3	2.7	2.2	1		08/27/21 10:01	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		08/27/21 10:01	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		08/27/21 10:01	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		08/27/21 10:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.14	0.065	1		08/27/21 10:01	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.033	1		08/27/21 10:01	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		08/27/21 10:01	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		08/27/21 10:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	4.9	1		08/27/21 10:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.11	0.036	1		08/27/21 10:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.016	1		08/27/21 10:01	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.028	1		08/27/21 10:01	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		08/27/21 10:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		08/27/21 10:01	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		08/27/21 10:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		08/27/21 10:01	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		08/27/21 10:01	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.015	1		08/27/21 10:01	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		08/27/21 10:01	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		08/27/21 10:01	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: SS2:A100421 **Lab ID: 10582126005** Collected: 10/04/21 19:02 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**15.4**	ug/m3	8.7	2.6	1.44		10/26/21 19:58	67-64-1	
Benzene	**0.13**	ug/m3	0.047	0.029	1.44		10/26/21 19:58	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.3	1.44		10/26/21 19:58	100-44-7	
Bromodichloromethane	**1.7**	ug/m3	0.098	0.057	1.44		10/26/21 19:58	75-27-4	
Bromoform	ND	ug/m3	7.6	2.3	1.44		10/26/21 19:58	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.22	1.44		10/26/21 19:58	74-83-9	
1,3-Butadiene	ND	ug/m3	0.065	0.021	1.44		10/26/21 19:58	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.3	0.67	1.44		10/26/21 19:58	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.19	1.44		10/26/21 19:58	75-15-0	
Carbon tetrachloride	**0.68**	ug/m3	0.18	0.063	1.44		10/26/21 19:58	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.22	1.44		10/26/21 19:58	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.32	1.44		10/26/21 19:58	75-00-3	
Chloroform	**78.4**	ug/m3	0.14	0.028	1.44		10/26/21 19:58	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.12	1.44		10/26/21 19:58	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.32	1.44		10/26/21 19:58	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.74	1.44		10/26/21 19:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.11	0.10	1.44		10/26/21 19:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	4.4	0.58	1.44		10/26/21 19:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	4.4	0.73	1.44		10/26/21 19:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.3	1.44		10/26/21 19:58	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	1.5	0.27	1.44		10/26/21 19:58	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.12	0.019	1.44		10/26/21 19:58	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.12	0.027	1.44		10/26/21 19:58	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.12	0.019	1.44		10/26/21 19:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.12	0.028	1.44		10/26/21 19:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.12	0.025	1.44		10/26/21 19:58	156-60-5	
1,2-Dichloropropane	**0.74**	ug/m3	0.068	0.029	1.44		10/26/21 19:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	3.3	0.37	1.44		10/26/21 19:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.3	0.78	1.44		10/26/21 19:58	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.29	1.44		10/26/21 19:58	76-14-2	
Ethanol	**19.0**	ug/m3	2.8	0.85	1.44		10/26/21 19:58	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.19	1.44		10/26/21 19:58	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.44	1.44		10/26/21 19:58	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.68	1.44		10/26/21 19:58	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.26	1.44		10/26/21 19:58	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.8	1.44		10/26/21 19:58	87-68-3	
n-Hexane	ND	ug/m3	1.0	0.28	1.44		10/26/21 19:58	110-54-3	
2-Hexanone	ND	ug/m3	6.0	0.64	1.44		10/26/21 19:58	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	0.85	1.44		10/26/21 19:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	0.46	1.44		10/26/21 19:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.18	1.44		10/26/21 19:58	1634-04-4	
Naphthalene	ND	ug/m3	3.8	3.1	1.44		10/26/21 19:58	91-20-3	
2-Propanol	ND	ug/m3	3.6	0.73	1.44		10/26/21 19:58	67-63-0	
Propylene	ND	ug/m3	1.3	0.19	1.44		10/26/21 19:58	115-07-1	
Styrene	ND	ug/m3	1.2	0.55	1.44		10/26/21 19:58	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: SS2:A100421 **Lab ID: 10582126005** Collected: 10/04/21 19:02 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.20	0.093	1.44		10/26/21 19:58	79-34-5	
Tetrachloroethene	**6320**	ug/m3	3.0	1.4	43.2		10/28/21 00:26	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.26	1.44		10/26/21 19:58	109-99-9	
Toluene	**2.9**	ug/m3	1.1	0.35	1.44		10/26/21 19:58	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	7.0	1.44		10/26/21 19:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.16	0.052	1.44		10/26/21 19:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.080	0.023	1.44		10/26/21 19:58	79-00-5	
Trichloroethene	**14.3**	ug/m3	0.079	0.040	1.44		10/26/21 19:58	79-01-6	
Trichlorofluoromethane	**1.7**	ug/m3	1.6	0.34	1.44		10/26/21 19:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.42	1.44		10/26/21 19:58	76-13-1	
1,2,4-Trimethylbenzene	**1.4**	ug/m3	1.4	0.51	1.44		10/26/21 19:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.42	1.44		10/26/21 19:58	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.30	1.44		10/26/21 19:58	108-05-4	
Vinyl chloride	ND	ug/m3	0.037	0.022	1.44		10/26/21 19:58	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	0.92	1.44		10/26/21 19:58	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.39	1.44		10/26/21 19:58	95-47-6	

Sample: SS2:100421 Cert#3553 **Lab ID: 10582126006** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		08/27/21 10:36	67-64-1	
Benzene	ND	ug/m3	0.032	0.020	1		08/27/21 10:36	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		08/27/21 10:36	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.040	1		08/27/21 10:36	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		08/27/21 10:36	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		08/27/21 10:36	74-83-9	
1,3-Butadiene	ND	ug/m3	0.045	0.014	1		08/27/21 10:36	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		08/27/21 10:36	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		08/27/21 10:36	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.13	0.044	1		08/27/21 10:36	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		08/27/21 10:36	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		08/27/21 10:36	75-00-3	
Chloroform	ND	ug/m3	0.099	0.019	1		08/27/21 10:36	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		08/27/21 10:36	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		08/27/21 10:36	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		08/27/21 10:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.070	1		08/27/21 10:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		08/27/21 10:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		08/27/21 10:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		08/27/21 10:36	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: SS2:100421 Cert#3553 **Lab ID: 10582126006** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		08/27/21 10:36	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.082	0.013	1		08/27/21 10:36	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.082	0.019	1		08/27/21 10:36	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.081	0.013	1		08/27/21 10:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.081	0.020	1		08/27/21 10:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.081	0.017	1		08/27/21 10:36	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.020	1		08/27/21 10:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		08/27/21 10:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		08/27/21 10:36	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		08/27/21 10:36	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		08/27/21 10:36	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		08/27/21 10:36	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		08/27/21 10:36	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		08/27/21 10:36	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		08/27/21 10:36	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		08/27/21 10:36	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		08/27/21 10:36	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		08/27/21 10:36	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		08/27/21 10:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		08/27/21 10:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		08/27/21 10:36	1634-04-4	
Naphthalene	ND	ug/m3	2.7	2.2	1		08/27/21 10:36	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		08/27/21 10:36	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		08/27/21 10:36	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		08/27/21 10:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.14	0.065	1		08/27/21 10:36	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.033	1		08/27/21 10:36	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		08/27/21 10:36	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		08/27/21 10:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	4.9	1		08/27/21 10:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.11	0.036	1		08/27/21 10:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.016	1		08/27/21 10:36	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.028	1		08/27/21 10:36	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		08/27/21 10:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		08/27/21 10:36	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		08/27/21 10:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		08/27/21 10:36	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		08/27/21 10:36	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.015	1		08/27/21 10:36	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		08/27/21 10:36	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		08/27/21 10:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: IA1:A100421 **Lab ID: 10582126007** Collected: 10/04/21 18:54 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**138**	ug/m3	8.7	2.6	1.44		10/26/21 15:54	67-64-1	
Benzene	**0.35**	ug/m3	0.047	0.029	1.44		10/26/21 15:54	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.3	1.44		10/26/21 15:54	100-44-7	
Bromodichloromethane	ND	ug/m3	0.098	0.057	1.44		10/26/21 15:54	75-27-4	
Bromoform	ND	ug/m3	7.6	2.3	1.44		10/26/21 15:54	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.22	1.44		10/26/21 15:54	74-83-9	
1,3-Butadiene	ND	ug/m3	0.065	0.021	1.44		10/26/21 15:54	106-99-0	
2-Butanone (MEK)	**9.9**	ug/m3	4.3	0.67	1.44		10/26/21 15:54	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.19	1.44		10/26/21 15:54	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.18	0.063	1.44		10/26/21 15:54	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.22	1.44		10/26/21 15:54	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.32	1.44		10/26/21 15:54	75-00-3	
Chloroform	**0.43**	ug/m3	0.14	0.028	1.44		10/26/21 15:54	67-66-3	
Chloromethane	**1.0**	ug/m3	0.60	0.12	1.44		10/26/21 15:54	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.32	1.44		10/26/21 15:54	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.74	1.44		10/26/21 15:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.11	0.10	1.44		10/26/21 15:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	4.4	0.58	1.44		10/26/21 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	4.4	0.73	1.44		10/26/21 15:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.3	1.44		10/26/21 15:54	106-46-7	
Dichlorodifluoromethane	**4.1**	ug/m3	1.5	0.27	1.44		10/26/21 15:54	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.12	0.019	1.44		10/26/21 15:54	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.12	0.027	1.44		10/26/21 15:54	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.12	0.019	1.44		10/26/21 15:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.12	0.028	1.44		10/26/21 15:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.12	0.025	1.44		10/26/21 15:54	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.068	0.029	1.44		10/26/21 15:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	3.3	0.37	1.44		10/26/21 15:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.3	0.78	1.44		10/26/21 15:54	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.29	1.44		10/26/21 15:54	76-14-2	
Ethanol	**747**	ug/m3	2.8	0.85	1.44		10/26/21 15:54	64-17-5	E
Ethyl acetate	**2.9**	ug/m3	1.1	0.19	1.44		10/26/21 15:54	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.44	1.44		10/26/21 15:54	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.68	1.44		10/26/21 15:54	622-96-8	
n-Heptane	**2.5**	ug/m3	1.2	0.26	1.44		10/26/21 15:54	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.8	1.44		10/26/21 15:54	87-68-3	
n-Hexane	**1.3**	ug/m3	1.0	0.28	1.44		10/26/21 15:54	110-54-3	
2-Hexanone	ND	ug/m3	6.0	0.64	1.44		10/26/21 15:54	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	0.85	1.44		10/26/21 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	0.46	1.44		10/26/21 15:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.18	1.44		10/26/21 15:54	1634-04-4	
Naphthalene	ND	ug/m3	3.8	3.1	1.44		10/26/21 15:54	91-20-3	
2-Propanol	**56.2**	ug/m3	3.6	0.73	1.44		10/26/21 15:54	67-63-0	
Propylene	ND	ug/m3	1.3	0.19	1.44		10/26/21 15:54	115-07-1	
Styrene	ND	ug/m3	1.2	0.55	1.44		10/26/21 15:54	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: IA1:A100421 **Lab ID: 10582126007** Collected: 10/04/21 18:54 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.20	0.093	1.44		10/26/21 15:54	79-34-5	
Tetrachloroethene	**2.1**	ug/m3	0.099	0.048	1.44		10/26/21 15:54	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.26	1.44		10/26/21 15:54	109-99-9	
Toluene	**4.8**	ug/m3	1.1	0.35	1.44		10/26/21 15:54	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	7.0	1.44		10/26/21 15:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.16	0.052	1.44		10/26/21 15:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.080	0.023	1.44		10/26/21 15:54	79-00-5	
Trichloroethene	**0.13**	ug/m3	0.079	0.040	1.44		10/26/21 15:54	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.34	1.44		10/26/21 15:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.42	1.44		10/26/21 15:54	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.4	0.51	1.44		10/26/21 15:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.42	1.44		10/26/21 15:54	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.30	1.44		10/26/21 15:54	108-05-4	
Vinyl chloride	ND	ug/m3	0.037	0.022	1.44		10/26/21 15:54	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	0.92	1.44		10/26/21 15:54	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.39	1.44		10/26/21 15:54	95-47-6	

Sample: IA1:100421 Cert#0504 **Lab ID: 10582126008** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		08/07/21 00:02	67-64-1	
Benzene	ND	ug/m3	0.032	0.020	1		08/07/21 00:02	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		08/07/21 00:02	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.040	1		08/07/21 00:02	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		08/07/21 00:02	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		08/07/21 00:02	74-83-9	
1,3-Butadiene	ND	ug/m3	0.045	0.014	1		08/07/21 00:02	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		08/07/21 00:02	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		08/07/21 00:02	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.13	0.044	1		08/07/21 00:02	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		08/07/21 00:02	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		08/07/21 00:02	75-00-3	
Chloroform	ND	ug/m3	0.099	0.019	1		08/07/21 00:02	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		08/07/21 00:02	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		08/07/21 00:02	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		08/07/21 00:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.070	1		08/07/21 00:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		08/07/21 00:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		08/07/21 00:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		08/07/21 00:02	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: IA1:100421 Cert#0504 **Lab ID: 10582126008** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		08/07/21 00:02	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.082	0.013	1		08/07/21 00:02	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.082	0.019	1		08/07/21 00:02	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.081	0.013	1		08/07/21 00:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.081	0.020	1		08/07/21 00:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.081	0.017	1		08/07/21 00:02	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.020	1		08/07/21 00:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		08/07/21 00:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		08/07/21 00:02	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		08/07/21 00:02	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		08/07/21 00:02	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		08/07/21 00:02	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		08/07/21 00:02	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		08/07/21 00:02	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		08/07/21 00:02	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		08/07/21 00:02	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		08/07/21 00:02	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		08/07/21 00:02	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		08/07/21 00:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		08/07/21 00:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		08/07/21 00:02	1634-04-4	
Naphthalene	ND	ug/m3	2.7	2.2	1		08/07/21 00:02	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		08/07/21 00:02	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		08/07/21 00:02	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		08/07/21 00:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.14	0.065	1		08/07/21 00:02	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.012	1		08/07/21 00:02	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		08/07/21 00:02	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		08/07/21 00:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	4.9	1		08/07/21 00:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.11	0.036	1		08/07/21 00:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.016	1		08/07/21 00:02	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.028	1		08/07/21 00:02	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		08/07/21 00:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		08/07/21 00:02	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		08/07/21 00:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		08/07/21 00:02	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		08/07/21 00:02	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.015	1		08/07/21 00:02	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		08/07/21 00:02	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		08/07/21 00:02	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: IA2:A100421 **Lab ID: 10582126009** Collected: 10/04/21 19:04 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**150**	ug/m3	8.7	2.6	1.44		10/26/21 17:04	67-64-1	
Benzene	**0.33**	ug/m3	0.047	0.029	1.44		10/26/21 17:04	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.3	1.44		10/26/21 17:04	100-44-7	
Bromodichloromethane	ND	ug/m3	0.098	0.057	1.44		10/26/21 17:04	75-27-4	
Bromoform	ND	ug/m3	7.6	2.3	1.44		10/26/21 17:04	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.22	1.44		10/26/21 17:04	74-83-9	
1,3-Butadiene	ND	ug/m3	0.065	0.021	1.44		10/26/21 17:04	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.3	0.67	1.44		10/26/21 17:04	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.19	1.44		10/26/21 17:04	75-15-0	
Carbon tetrachloride	**0.37**	ug/m3	0.18	0.063	1.44		10/26/21 17:04	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.22	1.44		10/26/21 17:04	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.32	1.44		10/26/21 17:04	75-00-3	
Chloroform	**0.24**	ug/m3	0.14	0.028	1.44		10/26/21 17:04	67-66-3	
Chloromethane	**0.95**	ug/m3	0.60	0.12	1.44		10/26/21 17:04	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.32	1.44		10/26/21 17:04	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.74	1.44		10/26/21 17:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.11	0.10	1.44		10/26/21 17:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	4.4	0.58	1.44		10/26/21 17:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	4.4	0.73	1.44		10/26/21 17:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.3	1.44		10/26/21 17:04	106-46-7	
Dichlorodifluoromethane	**3.7**	ug/m3	1.5	0.27	1.44		10/26/21 17:04	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.12	0.019	1.44		10/26/21 17:04	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.12	0.027	1.44		10/26/21 17:04	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.12	0.019	1.44		10/26/21 17:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.12	0.028	1.44		10/26/21 17:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.12	0.025	1.44		10/26/21 17:04	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.068	0.029	1.44		10/26/21 17:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	3.3	0.37	1.44		10/26/21 17:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.3	0.78	1.44		10/26/21 17:04	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.29	1.44		10/26/21 17:04	76-14-2	
Ethanol	**555**	ug/m3	2.8	0.85	1.44		10/26/21 17:04	64-17-5	
Ethyl acetate	**2.3**	ug/m3	1.1	0.19	1.44		10/26/21 17:04	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.44	1.44		10/26/21 17:04	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.68	1.44		10/26/21 17:04	622-96-8	
n-Heptane	**1.2**	ug/m3	1.2	0.26	1.44		10/26/21 17:04	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.8	1.44		10/26/21 17:04	87-68-3	
n-Hexane	ND	ug/m3	1.0	0.28	1.44		10/26/21 17:04	110-54-3	
2-Hexanone	ND	ug/m3	6.0	0.64	1.44		10/26/21 17:04	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	0.85	1.44		10/26/21 17:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	0.46	1.44		10/26/21 17:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.18	1.44		10/26/21 17:04	1634-04-4	
Naphthalene	ND	ug/m3	3.8	3.1	1.44		10/26/21 17:04	91-20-3	
2-Propanol	**8.1**	ug/m3	3.6	0.73	1.44		10/26/21 17:04	67-63-0	
Propylene	ND	ug/m3	1.3	0.19	1.44		10/26/21 17:04	115-07-1	
Styrene	ND	ug/m3	1.2	0.55	1.44		10/26/21 17:04	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: IA2:A100421 **Lab ID: 10582126009** Collected: 10/04/21 19:04 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.20	0.093	1.44		10/26/21 17:04	79-34-5	
Tetrachloroethene	**0.91**	ug/m3	0.099	0.048	1.44		10/26/21 17:04	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.26	1.44		10/26/21 17:04	109-99-9	
Toluene	**1.9**	ug/m3	1.1	0.35	1.44		10/26/21 17:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	7.0	1.44		10/26/21 17:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.16	0.052	1.44		10/26/21 17:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.080	0.023	1.44		10/26/21 17:04	79-00-5	
Trichloroethene	ND	ug/m3	0.079	0.040	1.44		10/26/21 17:04	79-01-6	
Trichlorofluoromethane	**1.7**	ug/m3	1.6	0.34	1.44		10/26/21 17:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.42	1.44		10/26/21 17:04	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.4	0.51	1.44		10/26/21 17:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.42	1.44		10/26/21 17:04	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.30	1.44		10/26/21 17:04	108-05-4	
Vinyl chloride	ND	ug/m3	0.037	0.022	1.44		10/26/21 17:04	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	0.92	1.44		10/26/21 17:04	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.39	1.44		10/26/21 17:04	95-47-6	

Sample: IA2:100421 Cert#2029 **Lab ID: 10582126010** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		08/17/21 21:15	67-64-1	
Benzene	ND	ug/m3	0.032	0.020	1		08/17/21 21:15	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		08/17/21 21:15	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.040	1		08/17/21 21:15	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		08/17/21 21:15	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		08/17/21 21:15	74-83-9	
1,3-Butadiene	ND	ug/m3	0.045	0.014	1		08/17/21 21:15	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		08/17/21 21:15	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		08/17/21 21:15	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.13	0.044	1		08/17/21 21:15	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		08/17/21 21:15	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		08/17/21 21:15	75-00-3	
Chloroform	ND	ug/m3	0.099	0.019	1		08/17/21 21:15	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		08/17/21 21:15	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		08/17/21 21:15	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		08/17/21 21:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.070	1		08/17/21 21:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		08/17/21 21:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		08/17/21 21:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		08/17/21 21:15	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: IA2:100421 Cert#2029 **Lab ID: 10582126010** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		08/17/21 21:15	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.082	0.013	1		08/17/21 21:15	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.082	0.019	1		08/17/21 21:15	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.081	0.013	1		08/17/21 21:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.081	0.020	1		08/17/21 21:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.081	0.017	1		08/17/21 21:15	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.020	1		08/17/21 21:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		08/17/21 21:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		08/17/21 21:15	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		08/17/21 21:15	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		08/17/21 21:15	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		08/17/21 21:15	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		08/17/21 21:15	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		08/17/21 21:15	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		08/17/21 21:15	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		08/17/21 21:15	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		08/17/21 21:15	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		08/17/21 21:15	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		08/17/21 21:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		08/17/21 21:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		08/17/21 21:15	1634-04-4	
Naphthalene	ND	ug/m3	2.7	2.2	1		08/17/21 21:15	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		08/17/21 21:15	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		08/17/21 21:15	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		08/17/21 21:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.14	0.065	1		08/17/21 21:15	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.012	1		08/17/21 21:15	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		08/17/21 21:15	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		08/17/21 21:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	4.9	1		08/17/21 21:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.11	0.036	1		08/17/21 21:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.016	1		08/17/21 21:15	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.028	1		08/17/21 21:15	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		08/17/21 21:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		08/17/21 21:15	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		08/17/21 21:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		08/17/21 21:15	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		08/17/21 21:15	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.015	1		08/17/21 21:15	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		08/17/21 21:15	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		08/17/21 21:15	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: OA1:A100421 **Lab ID: 10582126013** Collected: 10/04/21 19:07 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**9.1**	ug/m3	8.7	2.6	1.44		10/26/21 18:48	67-64-1	
Benzene	**0.44**	ug/m3	0.047	0.029	1.44		10/26/21 18:48	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.3	1.44		10/26/21 18:48	100-44-7	
Bromodichloromethane	ND	ug/m3	0.098	0.057	1.44		10/26/21 18:48	75-27-4	
Bromoform	ND	ug/m3	7.6	2.3	1.44		10/26/21 18:48	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.22	1.44		10/26/21 18:48	74-83-9	
1,3-Butadiene	ND	ug/m3	0.065	0.021	1.44		10/26/21 18:48	106-99-0	
2-Butanone (MEK)	**4.6**	ug/m3	4.3	0.67	1.44		10/26/21 18:48	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.19	1.44		10/26/21 18:48	75-15-0	
Carbon tetrachloride	**0.54**	ug/m3	0.18	0.063	1.44		10/26/21 18:48	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.22	1.44		10/26/21 18:48	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.32	1.44		10/26/21 18:48	75-00-3	
Chloroform	ND	ug/m3	0.14	0.028	1.44		10/26/21 18:48	67-66-3	
Chloromethane	**1.3**	ug/m3	0.60	0.12	1.44		10/26/21 18:48	74-87-3	
Cyclohexane	ND	ug/m3	2.5	0.32	1.44		10/26/21 18:48	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.74	1.44		10/26/21 18:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.11	0.10	1.44		10/26/21 18:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	4.4	0.58	1.44		10/26/21 18:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	4.4	0.73	1.44		10/26/21 18:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.4	1.3	1.44		10/26/21 18:48	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	1.5	0.27	1.44		10/26/21 18:48	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.12	0.019	1.44		10/26/21 18:48	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.12	0.027	1.44		10/26/21 18:48	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.12	0.019	1.44		10/26/21 18:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.12	0.028	1.44		10/26/21 18:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.12	0.025	1.44		10/26/21 18:48	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.068	0.029	1.44		10/26/21 18:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	3.3	0.37	1.44		10/26/21 18:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.3	0.78	1.44		10/26/21 18:48	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.29	1.44		10/26/21 18:48	76-14-2	
Ethanol	**20.1**	ug/m3	2.8	0.85	1.44		10/26/21 18:48	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.19	1.44		10/26/21 18:48	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.44	1.44		10/26/21 18:48	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	0.68	1.44		10/26/21 18:48	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.26	1.44		10/26/21 18:48	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	7.8	1.8	1.44		10/26/21 18:48	87-68-3	
n-Hexane	ND	ug/m3	1.0	0.28	1.44		10/26/21 18:48	110-54-3	
2-Hexanone	ND	ug/m3	6.0	0.64	1.44		10/26/21 18:48	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	0.85	1.44		10/26/21 18:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.0	0.46	1.44		10/26/21 18:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.18	1.44		10/26/21 18:48	1634-04-4	
Naphthalene	ND	ug/m3	3.8	3.1	1.44		10/26/21 18:48	91-20-3	
2-Propanol	ND	ug/m3	3.6	0.73	1.44		10/26/21 18:48	67-63-0	
Propylene	**2.0**	ug/m3	1.3	0.19	1.44		10/26/21 18:48	115-07-1	
Styrene	ND	ug/m3	1.2	0.55	1.44		10/26/21 18:48	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: OA1:A100421 **Lab ID: 10582126013** Collected: 10/04/21 19:07 Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.20	0.093	1.44		10/26/21 18:48	79-34-5	
Tetrachloroethene	**0.18**	ug/m3	0.099	0.048	1.44		10/26/21 18:48	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.26	1.44		10/26/21 18:48	109-99-9	
Toluene	**2.2**	ug/m3	1.1	0.35	1.44		10/26/21 18:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	7.0	1.44		10/26/21 18:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.16	0.052	1.44		10/26/21 18:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.080	0.023	1.44		10/26/21 18:48	79-00-5	
Trichloroethene	ND	ug/m3	0.079	0.040	1.44		10/26/21 18:48	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.34	1.44		10/26/21 18:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.42	1.44		10/26/21 18:48	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.4	0.51	1.44		10/26/21 18:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.42	1.44		10/26/21 18:48	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.30	1.44		10/26/21 18:48	108-05-4	
Vinyl chloride	ND	ug/m3	0.037	0.022	1.44		10/26/21 18:48	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	0.92	1.44		10/26/21 18:48	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.39	1.44		10/26/21 18:48	95-47-6	

Sample: OA1:100421 Cert#1288 **Lab ID: 10582126014** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		07/31/21 02:05	67-64-1	
Benzene	ND	ug/m3	0.032	0.020	1		07/31/21 02:05	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		07/31/21 02:05	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.040	1		07/31/21 02:05	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		07/31/21 02:05	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		07/31/21 02:05	74-83-9	
1,3-Butadiene	ND	ug/m3	0.045	0.014	1		07/31/21 02:05	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		07/31/21 02:05	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		07/31/21 02:05	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.13	0.044	1		07/31/21 02:05	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		07/31/21 02:05	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		07/31/21 02:05	75-00-3	
Chloroform	ND	ug/m3	0.099	0.019	1		07/31/21 02:05	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		07/31/21 02:05	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		07/31/21 02:05	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		07/31/21 02:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.070	1		07/31/21 02:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		07/31/21 02:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		07/31/21 02:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		07/31/21 02:05	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Sample: OA1:100421 Cert#1288 **Lab ID: 10582126014** Collected: Received: 10/07/21 10:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		07/31/21 02:05	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.082	0.013	1		07/31/21 02:05	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.082	0.019	1		07/31/21 02:05	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.081	0.013	1		07/31/21 02:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.081	0.020	1		07/31/21 02:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.081	0.017	1		07/31/21 02:05	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.020	1		07/31/21 02:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		07/31/21 02:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		07/31/21 02:05	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		07/31/21 02:05	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		07/31/21 02:05	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		07/31/21 02:05	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		07/31/21 02:05	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		07/31/21 02:05	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		07/31/21 02:05	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		07/31/21 02:05	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		07/31/21 02:05	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		07/31/21 02:05	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		07/31/21 02:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		07/31/21 02:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		07/31/21 02:05	1634-04-4	
Naphthalene	ND	ug/m3	2.7	2.2	1		07/31/21 02:05	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		07/31/21 02:05	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		07/31/21 02:05	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		07/31/21 02:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.14	0.065	1		07/31/21 02:05	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.012	1		07/31/21 02:05	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		07/31/21 02:05	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		07/31/21 02:05	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	4.9	1		07/31/21 02:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.11	0.036	1		07/31/21 02:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.016	1		07/31/21 02:05	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.028	1		07/31/21 02:05	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		07/31/21 02:05	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		07/31/21 02:05	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		07/31/21 02:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		07/31/21 02:05	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		07/31/21 02:05	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.015	1		07/31/21 02:05	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		07/31/21 02:05	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		07/31/21 02:05	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

QC Batch: 779479
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR SIM SCAN
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10582126001, 10582126003, 10582126005, 10582126007, 10582126009, 10582126013

METHOD BLANK: 4151358 Matrix: Air
Associated Lab Samples: 10582126001, 10582126003, 10582126005, 10582126007, 10582126009, 10582126013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.11	0.036	10/26/21 11:56	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.14	0.065	10/26/21 11:56	
1,1,2-Trichloroethane	ug/m3	ND	0.056	0.016	10/26/21 11:56	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.29	10/26/21 11:56	
1,1-Dichloroethane	ug/m3	ND	0.082	0.013	10/26/21 11:56	
1,1-Dichloroethene	ug/m3	ND	0.081	0.013	10/26/21 11:56	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	4.9	10/26/21 11:56	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.35	10/26/21 11:56	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.078	0.070	10/26/21 11:56	
1,2-Dichlorobenzene	ug/m3	ND	3.1	0.40	10/26/21 11:56	
1,2-Dichloroethane	ug/m3	ND	0.082	0.019	10/26/21 11:56	
1,2-Dichloropropane	ug/m3	ND	0.047	0.020	10/26/21 11:56	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.29	10/26/21 11:56	
1,3-Butadiene	ug/m3	ND	0.045	0.014	10/26/21 11:56	
1,3-Dichlorobenzene	ug/m3	ND	3.1	0.51	10/26/21 11:56	
1,4-Dichlorobenzene	ug/m3	ND	3.1	0.88	10/26/21 11:56	
2-Butanone (MEK)	ug/m3	ND	3.0	0.46	10/26/21 11:56	
2-Hexanone	ug/m3	ND	4.2	0.44	10/26/21 11:56	
2-Propanol	ug/m3	ND	2.5	0.51	10/26/21 11:56	
4-Ethyltoluene	ug/m3	ND	2.5	0.47	10/26/21 11:56	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.32	10/26/21 11:56	
Acetone	ug/m3	ND	6.0	1.8	10/26/21 11:56	
Benzene	ug/m3	ND	0.032	0.020	10/26/21 11:56	
Benzyl chloride	ug/m3	ND	2.6	0.89	10/26/21 11:56	
Bromodichloromethane	ug/m3	ND	0.068	0.040	10/26/21 11:56	
Bromoform	ug/m3	ND	5.2	1.6	10/26/21 11:56	
Bromomethane	ug/m3	ND	0.79	0.15	10/26/21 11:56	
Carbon disulfide	ug/m3	ND	0.63	0.13	10/26/21 11:56	
Carbon tetrachloride	ug/m3	ND	0.13	0.044	10/26/21 11:56	
Chlorobenzene	ug/m3	ND	0.94	0.16	10/26/21 11:56	
Chloroethane	ug/m3	ND	0.54	0.22	10/26/21 11:56	
Chloroform	ug/m3	ND	0.099	0.019	10/26/21 11:56	
Chloromethane	ug/m3	ND	0.42	0.085	10/26/21 11:56	
cis-1,2-Dichloroethene	ug/m3	ND	0.081	0.020	10/26/21 11:56	
cis-1,3-Dichloropropene	ug/m3	ND	2.3	0.26	10/26/21 11:56	
Cyclohexane	ug/m3	ND	1.8	0.22	10/26/21 11:56	
Dibromochloromethane	ug/m3	ND	1.7	0.52	10/26/21 11:56	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.19	10/26/21 11:56	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.20	10/26/21 11:56	
Ethanol	ug/m3	ND	1.9	0.59	10/26/21 11:56	

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

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

METHOD BLANK: 4151358 Matrix: Air
Associated Lab Samples: 10582126001, 10582126003, 10582126005, 10582126007, 10582126009, 10582126013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethyl acetate	ug/m3	ND	0.73	0.13	10/26/21 11:56	
Ethylbenzene	ug/m3	ND	0.88	0.31	10/26/21 11:56	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	1.2	10/26/21 11:56	
m&p-Xylene	ug/m3	ND	1.8	0.64	10/26/21 11:56	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.13	10/26/21 11:56	
Methylene Chloride	ug/m3	ND	3.5	0.59	10/26/21 11:56	
n-Heptane	ug/m3	ND	0.83	0.18	10/26/21 11:56	
n-Hexane	ug/m3	ND	0.72	0.19	10/26/21 11:56	
Naphthalene	ug/m3	ND	2.7	2.2	10/26/21 11:56	
o-Xylene	ug/m3	ND	0.88	0.27	10/26/21 11:56	
Propylene	ug/m3	ND	0.88	0.13	10/26/21 11:56	
Styrene	ug/m3	ND	0.87	0.38	10/26/21 11:56	
Tetrachloroethene	ug/m3	ND	0.069	0.033	10/26/21 11:56	
Tetrahydrofuran	ug/m3	ND	0.60	0.18	10/26/21 11:56	
Toluene	ug/m3	ND	0.77	0.24	10/26/21 11:56	
trans-1,2-Dichloroethene	ug/m3	ND	0.081	0.017	10/26/21 11:56	
trans-1,3-Dichloropropene	ug/m3	ND	2.3	0.54	10/26/21 11:56	
Trichloroethene	ug/m3	ND	0.055	0.028	10/26/21 11:56	
Trichlorofluoromethane	ug/m3	ND	1.1	0.23	10/26/21 11:56	
Vinyl acetate	ug/m3	ND	0.72	0.21	10/26/21 11:56	
Vinyl chloride	ug/m3	ND	0.026	0.015	10/26/21 11:56	

LABORATORY CONTROL SAMPLE: 4151359

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.59	0.56	95	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	0.75	0.72	95	70-132	
1,1,2-Trichloroethane	ug/m3	0.6	0.58	97	70-134	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	82.8	99	70-130	
1,1-Dichloroethane	ug/m3	0.44	0.42	95	70-133	
1,1-Dichloroethene	ug/m3	0.44	0.41	95	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	185	104	69-132	
1,2,4-Trimethylbenzene	ug/m3	54	52.8	98	70-142	
1,2-Dibromoethane (EDB)	ug/m3	0.82	0.80	97	70-138	
1,2-Dichlorobenzene	ug/m3	66.2	77.2	117	70-146	
1,2-Dichloroethane	ug/m3	0.44	0.42	94	70-132	
1,2-Dichloropropane	ug/m3	0.51	0.49	96	70-134	
1,3,5-Trimethylbenzene	ug/m3	53.7	53.0	99	70-143	
1,3-Butadiene	ug/m3	0.24	0.23	94	70-136	
1,3-Dichlorobenzene	ug/m3	66.3	77.2	116	70-145	
1,4-Dichlorobenzene	ug/m3	66.3	79.1	119	70-140	
2-Butanone (MEK)	ug/m3	32.3	24.8	77	50-139	
2-Hexanone	ug/m3	44.8	51.2	114	70-148	
2-Propanol	ug/m3	149	158	106	67-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

LABORATORY CONTROL SAMPLE: 4151359

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	54.0	101	70-145	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	43.3	96	70-139	
Acetone	ug/m3	128	133	104	64-130	
Benzene	ug/m3	0.35	0.34	97	70-131	
Benzyl chloride	ug/m3	57.6	63.7	111	70-130	
Bromodichloromethane	ug/m3	0.73	0.69	94	70-133	
Bromoform	ug/m3	114	127	111	70-137	
Bromomethane	ug/m3	42.5	41.5	98	64-134	
Carbon disulfide	ug/m3	34.4	34.5	100	70-131	
Carbon tetrachloride	ug/m3	0.69	0.67	96	70-131	
Chlorobenzene	ug/m3	50.2	52.8	105	70-130	
Chloroethane	ug/m3	28.8	25.9	90	69-141	
Chloroform	ug/m3	0.52	0.50	96	70-130	
Chloromethane	ug/m3	22.6	21.1	93	70-130	
cis-1,2-Dichloroethene	ug/m3	0.43	0.42	98	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	50.3	102	70-144	
Cyclohexane	ug/m3	37.4	35.1	94	70-137	
Dibromochloromethane	ug/m3	93.2	119	128	70-132	
Dichlorodifluoromethane	ug/m3	54.6	52.7	96	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	71.7	101	70-130	
Ethanol	ug/m3	124	120	97	63-133	
Ethyl acetate	ug/m3	38.9	39.8	102	70-136	
Ethylbenzene	ug/m3	47.8	52.7	110	70-142	
Hexachloro-1,3-butadiene	ug/m3	133	135	102	70-135	
m&p-Xylene	ug/m3	95.4	105	110	70-141	
Methyl-tert-butyl ether	ug/m3	39.6	39.2	99	70-143	
Methylene Chloride	ug/m3	190	159	83	70-130	
n-Heptane	ug/m3	44.6	53.3	120	70-137	
n-Hexane	ug/m3	38	39.6	104	70-135	
Naphthalene	ug/m3	65.2	73.3	112	67-132	
o-Xylene	ug/m3	47.6	51.2	108	70-141	
Propylene	ug/m3	18.9	16.3	86	70-130	
Styrene	ug/m3	47	51.1	109	70-142	
Tetrachloroethene	ug/m3	0.73	0.70	95	70-130	
Tetrahydrofuran	ug/m3	32.1	32.7	102	70-136	
Toluene	ug/m3	41.6	38.7	93	70-138	
trans-1,2-Dichloroethene	ug/m3	0.44	0.43	98	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	54.0	107	70-145	
Trichloroethene	ug/m3	0.58	0.58	100	70-130	
Trichlorofluoromethane	ug/m3	62	61.2	99	69-135	
Vinyl acetate	ug/m3	46.4	51.5	111	70-146	
Vinyl chloride	ug/m3	0.28	0.27	96	70-137	

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

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

SAMPLE DUPLICATE: 4152351

Parameter	Units	10582126013 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	.75J		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	1J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	.031J		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	4.6	ND		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	2.2J		25	
4-Ethyltoluene	ug/m3	ND	.76J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	9.1	8.6J		25	
Benzene	ug/m3	0.44	0.45	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	ND		25	
Carbon tetrachloride	ug/m3	0.54	0.53	1	25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	.11J		25	
Chloromethane	ug/m3	1.3	1.3	4	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	.58J		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	3.2	3.2	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	20.1	20.1	0	25	
Ethyl acetate	ug/m3	ND	.33J		25	
Ethylbenzene	ug/m3	ND	.45J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	1.5J		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	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

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

SAMPLE DUPLICATE: 4152351

Parameter	Units	10582126013 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	.64J		25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	.6J		25	
Propylene	ug/m3	2.0	2.0	2	25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	0.18	0.18	1	25	
Tetrahydrofuran	ug/m3	ND	.28J		25	
Toluene	ug/m3	2.2	2.3	5	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	ND		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 4152352

Parameter	Units	10582126015 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3		ND			
1,1,2,2-Tetrachloroethane	ug/m3		ND			
1,1,2-Trichloroethane	ug/m3		ND			
1,1,2-Trichlorotrifluoroethane	ug/m3		1.1J			
1,1-Dichloroethane	ug/m3		ND			
1,1-Dichloroethene	ug/m3		ND			
1,2,4-Trichlorobenzene	ug/m3		ND			
1,2,4-Trimethylbenzene	ug/m3		1.1J			
1,2-Dibromoethane (EDB)	ug/m3		ND			
1,2-Dichlorobenzene	ug/m3		ND			
1,2-Dichloroethane	ug/m3		.035J			
1,2-Dichloropropane	ug/m3		ND			
1,3,5-Trimethylbenzene	ug/m3		ND			
1,3-Butadiene	ug/m3		ND			
1,3-Dichlorobenzene	ug/m3		ND			
1,4-Dichlorobenzene	ug/m3		ND			
2-Butanone (MEK)	ug/m3		2.9J			
2-Hexanone	ug/m3		ND			
2-Propanol	ug/m3		2.7J			
4-Ethyltoluene	ug/m3		.8J			
4-Methyl-2-pentanone (MIBK)	ug/m3		ND			
Acetone	ug/m3		6.8J			
Benzene	ug/m3		0.52			
Benzyl chloride	ug/m3		ND			
Bromodichloromethane	ug/m3		ND			
Bromoform	ug/m3		ND			
Bromomethane	ug/m3		ND			

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

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

SAMPLE DUPLICATE: 4152352

Parameter	Units	10582126015 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3		ND			
Carbon tetrachloride	ug/m3		0.29			
Chlorobenzene	ug/m3		ND			
Chloroethane	ug/m3		ND			
Chloroform	ug/m3		.13J			
Chloromethane	ug/m3		1.1			
cis-1,2-Dichloroethene	ug/m3		ND			
cis-1,3-Dichloropropene	ug/m3		ND			
Cyclohexane	ug/m3		.83J			
Dibromochloromethane	ug/m3		ND			
Dichlorodifluoromethane	ug/m3		4.9			
Dichlorotetrafluoroethane	ug/m3		ND			
Ethanol	ug/m3		19.1			
Ethyl acetate	ug/m3		.35J			
Ethylbenzene	ug/m3		.52J			
Hexachloro-1,3-butadiene	ug/m3		ND			
m&p-Xylene	ug/m3		1.8J			
Methyl-tert-butyl ether	ug/m3		ND			
Methylene Chloride	ug/m3		ND			
n-Heptane	ug/m3		1.1J			
n-Hexane	ug/m3		.86J			
Naphthalene	ug/m3		5.1			
o-Xylene	ug/m3		.62J			
Propylene	ug/m3		ND			
Styrene	ug/m3		ND			
Tetrachloroethene	ug/m3		0.15			
Tetrahydrofuran	ug/m3		.41J			
Toluene	ug/m3		3.0			
trans-1,2-Dichloroethene	ug/m3		ND			
trans-1,3-Dichloropropene	ug/m3		ND			
Trichloroethene	ug/m3		ND			
Trichlorofluoromethane	ug/m3		1.7J			
Vinyl acetate	ug/m3		ND			
Vinyl chloride	ug/m3		ND			

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

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

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 adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510c 15.3-Revised Report
Pace Project No.: 10582126

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10582126001	**FO1:A100421**	TO-15	779479		
10582126003	**SS1:A100421**	TO-15	779479		
10582126005	**SS2:A100421**	TO-15	779479		
10582126007	**IA1:A100421**	TO-15	779479		
10582126009	**IA2:A100421**	TO-15	779479		
10582126013	**OA1:A100421**	TO-15	779479		
10582126002	**FO1:100421 Cert#2818**	TO-15	780057		
10582126004	**SS1:100421 Cert#2767**	TO-15	780057		
10582126006	**SS2:100421 Cert#3553**	TO-15	780057		
10582126008	**IA1:100421 Cert#0504**	TO-15	780057		
10582126010	**IA2:100421 Cert#2029**	TO-15	780057		
10582126014	**OA1:100421 Cert#1288**	TO-15	780057		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTO

The Chain-of-Custody is a LEGAL DOCUMENT. A

WO# : 10582126

10582126

51970

Page: of

Section A Required Client Information:

Company: ELM Group LLC
Address: 161 Lakeview Drive, Noblesville IN 46060
Email To: jason.dand@elmusa.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Jason Dand
Copy To:
Purchase Order No.:
Project Name: WALGS25168C
Project Number: WALGS25168C 153

Section C Invoice Information:

Attention: Jason Dand
Company Name: The ELM Group LLC
Address: accounts.payable@elmusa.com
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 37539

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ mg/m³ PPBV PPMV Other

Report Level: II. III. IV. Other

'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

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE - END/GRAB DATE	COMPOSITE - END/GRAB TIME	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	
1	FD1: A100421	6LC	NP			10/4	—	-30	-4.5	2818	0322					X					001	002
2	SS1: A100421	6LC				10/4	1749	-30	-2	2767	0834					X					003	004
3	SS2: A100421	6LC				10/4	1802	-30	-4	3553	2081					X					005	006
4	IA1: A100421	6LC				10/4	1754	-29	-4	5842	2133					X					007	008
5	IA2: A100421	6LC				10/4	1804	-30	-4.5	2902	2157					X					009	010
6	IA12: A100421	6LC				10/4	1925	-30	-3	2786	2624					X					011	012
7	OA1: A100421	6LC				10/4	1807	-30	-7.5	1280	0216					X					013	014
8	OA2: A100421	6LC				10/4	2020	-30	-5	3318	2129					X					015	016
9																						
10																						
11																						
12																						

Comments :

Hold IA12 and OA2

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Jonathan Deeter ELM	10/5	1520	FedEx		
			RACE	10.7.21	1010

SAMPLE CONDITIONS

	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: Jonathan Deeter

SIGNATURE of SAMPLER: Jonathan Deeter

DATE Signed (MM / DD / YY): 10/05/21

ORIGINAL

Pace Analytical®	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: ELAM GROUP Project #:

WO# : 10582126

PM: CT1 Due Date: 10/14/21

CLIENT: ELAM Group

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Pace [ ] SpeeDee [ ] Commercial See Exception [X]

Tracking Number: _____

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): 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: 10.7.21 CMY

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

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

Gauge # [ ] 10AIR26 [X] 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
FD1	2818	0222	-3	+5	UNUSED	2830	0374	-27	—
SS1	2767	0834	-2	"	"	3440	1355	-29	—
SS2	3653	2081	-2	"	"	2713	1095	-29	—
IA1	0504	2133	-2	"	"	2768	1943	-27	—
IA2	2029	2157	-2	"	"	1190	0214	-25	—
IA12	2706	2624	-2	"	"	0859	0306	-30	—
OA1	1280	0216	-2	"	"	2131	0270	-29	—
OA2	3318	2129	-4	"	"	1470	0529	-30	—

CLIENT NOTIFICATION/RESOLUTION Field Data Required? [ ] Yes [ ] No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Carolyne Trout **Date:** 10/8/21

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)

Pace Analytical®	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:** **Project #:** 10582126_Cont.

Courier: ☐Fed Ex ☐UPS ☐USPS ☐Client ☐Pace ☐SpeeDee ☐Commercial **See Exception** ☐

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:** _____

Type of ice Received ☐Blue ☐Wet ☐None

		Comments:
Chain of Custody Present?	☐Yes ☐No	1.
Chain of Custody Filled Out?	☐Yes ☐No	2.
Chain of Custody Relinquished?	☐Yes ☐No	3.
Sampler Name and/or Signature on COC?	☐Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time?	☐Yes ☐No	5.
Short Hold Time Analysis (<72 hr)?	☐Yes ☐No	6.
Rush Turn Around Time Requested?	☐Yes ☐No	7.
Sufficient Volume?	☐Yes ☐No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☐Yes ☐No ☐Yes ☐No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☐Yes ☐No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☐Yes ☐No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☐Yes ☐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
"	0149	1052	-30	—	"	2064	1989	-30	—
"	0071	2601	-29	—	"	3354	0291	-30	—
"	3593	2086	-25	—	"				
"	1047	2021	-27	—					
"	3424	1897	-30	—					
"	2839	1252	-30	—					
"	2055	2082	-30	—					
"	2184	2050	-28	—					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐Yes ☐No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Carolyne Trost **Date:** 10/8/21

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)

Pace Analytical®	Document Name: **Sample Condition Upon Receipt (SCUR) Exception Form**	Document Revised: 04Jun2020 **Page 1 of 1**
	Document No.: **ENV-FRM-MIN4-0142 Rev.01**	Pace Analytical Services - **Minneapolis**

SCUR Exceptions:

Workorder #:

Out of Temp Sample IDs	Container Type	# of Containers

PM Notified? ☐Yes ☐No

If yes, indicate who was contacted/date/time.
If no, indicate reason why.

Multiple Cooler Project? ☐Yes ☐No
If you answered yes, fill out information to the left.

No Temp Blank		
Read Temp	Corrected Temp	Average Temp

Tracking Number/Temperature	
9753 8446 0103	
" 0099	
" 0066	
" 0125	
" ~~014~~ 0114	
10.7.21 CMY	
" 0077	
" 0088	

Issue Type: Sample ID	Container Type	# of Containers

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?	Initials
								☐Yes ☐No	
								☐Yes ☐No	
								☐Yes ☐No	
								☐Yes ☐No	

Comments: