GEI Consultants

Consulting Engineers and Scientists

June 30, 2020

Project No. 2002226

VIA EMAIL: josie.schultz@wisconsin.gov

Ms. Josie Schultz
Wisconsin Department of Natural Resources
2984 Shawano Avenue,
Green Bay, Wisconsin 54313-6727

Re: Documentation Report – Sub-Slab Vapor Mitigation System and Groundwater Sampling
1233 South Military Avenue
Green Bay, Wisconsin

Dear Ms. Schultz,

On behalf of Innovative Properties, GEI Consultants Inc. (GEI) is submitting this report documenting installation of a sub-slab vapor mitigation system at the retail building located at 1233 Military Avenue in Green Bay, Wisconsin. The sub-slab vapor mitigation system was installed in response to elevated concentrations of chlorinated hydrocarbons, specifically tetrachloroethylene (PCE) reported in sub-slab vapor samples collected in March 2020.

Background

There are five tenant spaces in the retail building. The largest tenant space located on the north end of the building is occupied by Jim's Music and consists of a retail sales area and a lesson area on the ground floor, and equipment storage and repair in the north basement (the south basement is unoccupied). The tenant space adjacent (south) to Jim's lesson area is the One-Hour Martinizing dry cleaners. South of the dry cleaners is an unoccupied space, formerly Williams Tae Kwon Do. The final tenant space at the south end of the building is occupied by Edward Jones.

A release of dry-cleaning solvents occurred in, or prior to, 1999, and reportedly originated from the One-Hour Martinizing tenant space. Figure 1 is an aerial photograph indicating general site conditions and locations of previously installed groundwater monitoring wells. Groundwater monitoring from 1999 through 2014 indicated groundwater quality has generally improved although monitoring wells located along the east side of the building (Monitoring Wells 1, 3, and 6) still show chlorinated solvents at concentrations exceeding groundwater quality standards.

In response to environmental monitoring completed in July 2015, the Wisconsin Department of Natural Resources (WDNR) notified Innovative Properties, in a letter dated September 9, 2019, of their responsibilities, as the current owner, to mitigate environmental conditions and subsequently requested indoor ambient air and sub-slab vapor sampling be completed. Ambient

GEI Consultants, Inc.
3159 Voyager Drive, Green Bay, WI 54311
920.455.8200 fax: 920.455.8225

air samples along with sub-slab vapor samples were collected on March 4, 2020. Results indicated concentrations of PCE at concentrations exceeding vapor screening levels.

Vapor Mitigation System Construction

Objectives

In response to results of the sub-slab vapor sampling, a sub-slab vapor mitigation system was installed. The objective of the sub-slab vapor mitigation system is to establish a negative pressure, or vacuum, condition below the floor slabs and the occupied tenant spaces in the building. Figure 2 provides a schematic description or the sub-slab mitigation system with detail photographs provided in Appendix A.

The vapor mitigation system is consistent with recommended response action outlined in our memorandum dated April 9, 2020.

North Basement

This is the portion of the basement typically occupied by employees of Jim's Music and used for equipment/instrument storage and repair. Indoor air samples collected from the North Basement exceed vapor screening action levels. No sub-slab samples could be collected because the water table was directly below the floor slab and no unsaturated zone was present from which to sample. There are two subgrade sumps in this area of the basement:

- The northwest sump, identified as S1 in Figure 2, appears to collect water from an external foundation drainage feature (see Photo 14) and it is uncertain whether a subsurface foundation drainage system is also connected to this sump. Water that accumulates in this sump is pumped to the sanitary sewer.
- The southeast sump (S2 in Figure 2 and Photo 15) appears to be a sanitary ejector pit and discharges to the sanitary sewer. This pit is relatively deep (about 4 or 5 feet deep) and was essentially dry at the time of our site work.

Response action:

a. Seal both sumps with an air-tight covers.

b. Install a vent pipe on the northwest sump where no vent pipe currently exists.

c. Seal two openings in the west wall that open to the area below the floor of Jim's Music retail space (see Photos 10 and 11). Extend vacuum lines to each of the two openings (P7 and P8, Figure 2).

d. Install vacuum blowers to create a vacuum in each of the two sumps and each of the two extraction points extending below the floor of Jim's Music retail space. Manufacturer's specifications for all internal vacuum blowers are provided in Appendix B. All internal vacuum blowers are equipped with a manometer to monitor vacuum and correlate flow rate).

    - Vacuum blower B1 is venting Sump S1 and Extraction Point P7.
    - Vacuum blower B2 is venting Sump S2 and Extraction Point P8.

e. Vent Blowers B1 and B2 to the existing sanitary sewer vent pipe.

South Basement

This is the unoccupied portion of the basement, part of which extends below the Jim's Music lesson area. The south wall of the basement is nearest the subgrade of One-Hour Martinizing. Vapor samples collected from behind the south wall were extremely high. No sub-slab samples could be collected because the water table was directly below the floor slab and no unsaturated zone was present from which to sample. This portion of the basement is moist with occasionally standing water in some areas. Groundwater is apparently migrating from the joint between the floor and the walls. There is an internal drainage system installed at the base of the walls which drains into one of the two subgrade sumps present in this area of the basement:

- The floor drain sump (S4 in Figure 2) is a shallow sump installed along the north wall of the south basement (Photo 16). This sump appears to have been installed exclusively to collect water from the interior drainage system. Water from this sump is pumped to the nearby ejector pit.
- An apparent sanitary sewer ejector pit (S3 in Figure 2) is located near the northeast corner of the south basement. This is a large diameter pit, approximately 4.5 feet deep, that discharges to the sanitary sewer (see Photo 9). There is a floor drain in the South Basement which discharges to this ejector pit.

Response action:

a. Seal both sumps with an air-tight cover.

b. Temporarily seal the floor drain.

c. Install a single vacuum blower (B3 on Figure 2) to maintain a negative pressure in both sumps (see Photo 9).

d. Seal the air space where the floor beam joins the south wall (see Photo 6).

e. Install horizontal vapor extraction points into the south wall in two locations. These extraction points are identified as P1 and P2 on Figure 2.

   The vapor extraction points consist of 2-inch diameter steel well points, 36 inches in length. Well points were installed by coring through the south wall (see Photo 5), inserting the horizontal well point and sealing the annular space between the well point and the concrete wall.

f. Install one vacuum blower to service each of the two extraction points. Blowers are identified as B4 and B5 in Figure 2 and shown on Photo 7.

g. Vent Blowers B4 and B5 through a common vent pipe exiting the east wall of the south basement. Vent Blower B3 through a dedicated vent pipe existing the east wall of the south basement (see Photo 17).

Jim's Music Retail Space

The retail space for Jim's Music is located on the ground floor. Part of the retail space is over the North Basement and the remaining area is slab-on-grade without a basement. Indoor air quality and sub-slab vapor concentrations exceed vapor action levels. No vapor mitigation was initially planned for this retail space. However, when the two holes in the west wall of the north basement were observed during construction, extraction points P7 and P8 were installed to vent the space below the floor of the retail area.

Jim's Music Lesson Area

Jim's Music lesson area is directly adjacent (north) to One-Hour Martinizing. A portion of the lesson area is over the South Basement and the remainder of the lesson area is slab-on-grade construction, similar to the other commercial spaces in the building. Results of ambient air sampling in Jim's Music lesson area and sub-slab vapor samples exceed action levels. The active vapor extraction points installed in the south wall of the South Basement (P1 and P2 in Figure 2) along with the east wall vapor extraction system (P3 in Figure 2), creates a vacuum below the floor slab of the Lesson Area to limit vapor migration from the subsurface.

Other Tenant Spaces

There are three other tenant spaces: One-Hour Martinizing, former Williams Tae Kwon Do, and Edward Jones. One-Hour Martinizing and the adjacent former Williams Tae Kwon Do space had the highest sup-slab vapor concentrations. The former Williams Tae Kwon Do space was vacant at the time of the site work.

Response action:

a. Install horizontal vapor extraction points into the south wall in four locations. These extraction points are identified as P3 through P6 on Figure 2. Each vapor extraction point consists of 2-inch diameter steel well points, 36 inches in length. Well points were installed by coring through the east wall (see Photos 1, 2, and 3), inserting the horizontal well point and sealing the annular space between the well point and the concrete wall.
    - P3 extends below Jim's Lesson Area,
    - P4 below One-Hour Martinizing,
    - P5 below former Williams Tae Kwon Do,
    - P6 below Edward Jones

b. Install one vacuum blower to service the four extraction points. This blower is identified as B6 in Figure 2 and shown on Photo 18.

c. Vent Blower B6 through a vent pipe constructed along the outside of the east wall of the building (see Photo 18).

The initial blower installed to service the four external sub-slab extraction points consisted of a single-stage ring compressor regenerative blower (Fuji VFC 504) rated to operate at about 150 cubic feet per minute (CFM) at a vacuum of approximately 10 inches water gauge (w.g.). In an attempt to control construction costs, this blower was obtained as a pre-owned, used piece of equipment. The blower operated from May 19, 2020, but ceased operation sometime before June 10, 2020.

The recommended blower system to service the four external extraction points is a Republic Manufacturing Model KENCHRC501-V, a regenerative blower with a rated flow rate of about 200 CFS at 10 inches w.g. Manufacture's details for this blower system are provided in Appendix B.

Once this blower system is installed a brief addendum to this documentation report will be submitted.

Performance Verification and Baseline Conditions

Pressure Field Extension

To document vacuum distribution, or pressure field extension (PFE), below the floor slabs of the tenant spaces and behind the south wall of the south basement, sub-slab vapor pins were installed at locations indicated on Figure 2. Sub-slab vapor pins were installed by drilling a small diameter (nominal 5/8-inch diameter) hole through the concrete floor (or wall) and inserting a stainless-steel probe in the hole while creating an airtight seal around the metal probe.

Vacuum readings at the vapor pins were recorded on two occasions while all blowers were operating. Results of vacuum readings are summarized on Table 1. Also included in Table 1 are vacuum readings recorded at each blower and vacuum readings recorded at the sumps.

As indicated on Table 1, differential pressure at all monitoring points exceeds the criteria established in WDNR for complying with the requirements in Wis. Stat.ch. 292 and Wis. Admin. Code ch. NR 700 that relate to vapor intrusion.

Ambient Air Monitoring

Ambient air samples from the occupied tenant spaces were collected in May 2020 to establish baseline conditions. Air samples were collected using six-liter stainless-steel vacuum sampling devices (SUMMA® canisters) with flow controllers calibrated for an 8-hour sample duration. The sampling canisters were positioned with inlet extensions, to collect samples representative of the breathing zone (approximately 4 feet above the ground). At the completion of the sampling interval, the canisters were closed and gauged with the final vacuums recorded. The canisters were sealed and submitted to a state-certified analytical laboratory under standard chain-of-custody control for subsequent analysis.

Results of the May 2020 ambient air sampling are summarized in Table 2 and the complete analytical test report is provided in Appendix C. Table 2 also includes results of ambient air sampling completed by GEI in March and results of ambient air sampling completed on behalf of WDNR in April 2020.

Preliminary Vapor Emissions Monitoring

During operation of the vapor mitigation system, emissions at the blower discharge and at the vent stacks were monitored using a field photoionization detector (PID). The PID is a portable trace gas analyzer capable of detecting a variety of organic compounds in air. PID readings recorded at the blower discharge and vent stacks were generally less than 2 PID units. These relatively low PID readings suggest continued operation of the vapor mitigation system will not exceed air emissions standards.

Groundwater Assessment

To further characterize environmental conditions of the property, GEI collected groundwater samples from the nine (9) groundwater monitoring wells previously installed on the Property (MW-1, PZ-1, MW-2, PZ-2, MW-3, MW-5, MW-6, PZ-6, and MW-7). These groundwater monitoring wells had not been sampled since March 2014.

Monitoring Well MW-7, located near the northeast end of the property, was not sampled during the April 2020 event. During the field sampling, MW-7 was observed to be constructed using 3/4-inch diameter well casing, presumably installed using hydraulic push-probe (Geoprobe)

methods. The casing was partially filled with sediment such that a groundwater sample could not be obtained.

Monitoring Well MW-4, as shown on Figure 1, is not accessible. Based on visual evidence in this area of the parking lot, it appears MW-4 is under an asphalt pavement.

Results of chemical analysis completed on collected groundwater samples are provided in the analytical test report included in Appendix C. As indicated in the analytical test report, reported concentrations of volatile organic compounds (VOCs) were limited to chlorinated hydrocarbons. Chlorinated hydrocarbon concentrations reported in May 2020 are summarized in Table 3. Also included in Table 3 are corresponding results reported in March 2014.

Results conclude groundwater quality is improving under natural attenuation. Comparatively, the PCE concentration in Monitoring Well MW-1, located just east of the One-Hour Martinizing space was 3,210 micrograms per liter (ug/l) in March 2014 and 1,010 ug/l in April 2020. Although chlorinated hydrocarbon concentrations have generally decreased, Monitoring Wells MW-1, MW-3, and MW-6 continue to have PCE concentrations that exceed the groundwater quality enforcement standard (5 ug/l) established under Chapter NR140, Wisconsin Administrative Code.

Conclusions and Recommendations

Operation, Monitoring, and Maintenance

We recommend that a replacement blower system be installed to service the four extraction points along the exterior of the east wall of the building. This blower system should be consistent with specifications of the Republic Manufacturing Model KENCHRC501-V as provided in Appendix C. Results of verification monitoring conclude that once the new blower system is installed, an effective vacuum barrier will be established below the floor slabs of the tenant spaces and behind the south wall of the south basement. This effectively eliminates one vapor intrusion pathway.

Once the new blower system is installed, we recommend the following operation, monitoring, and maintenance program be followed:

1. Differential pressure (vacuum) be monitored at all sub-slab vacuum monitoring pins on a monthly basis for six (6) months. Subsequent monitoring frequency to be determined based on results of the initial 6-month effort.
2. Vacuum conditions at each of the following locations be recorded on a monthly basis with subsequent monitoring frequency to be determined based on results of the initial 6-month effort:
    a. each vapor extraction point,
    b. each sealed sump location,
    c. each blower inlet.
3. PID readings recorded at each blower discharge and vent location initially after start-up of the east wall blower system and once during the following week. Results of PID readings will determine whether additional emissions sampling and formal chemical analysis is warranted.

4. During each field visit, operating conditions at each blower should be observed noting any changes in operating conditions such as noise, excessive heat, and vibration.

Groundwater Monitoring

We recommend groundwater monitoring be completed on an annual basis with collected samples analyzed for VOCs (EPA Analytical Method 8260).

We recommend groundwater monitoring well MW-7 be replaced with a nominal 2-inch diameter monitoring well installed and constructed consistent with requirements of Chapter NR141, Wisconsin Administrative Code. The existing small-diameter well casing currently comprising MW-7 should be properly removed with appropriate well abandonment documentation. Replacement well MW-7 should be sampled within two weeks following installation then subsequently sampled at the same frequency as the other monitoring wells.

As noted previously, two of the basement sumps (S1 in the North Basement and S4 in the South Basement) appear to be collecting groundwater which infiltrates through the basement or, in the case of S1, is possibly captured by a subgrade drainage system. Although these sumps do not represent a point of groundwater quality standards application, we recommend sampling these two sumps to further characterize groundwater quality and evaluate the potential vapor intrusion pathway represented by groundwater infiltration.

Other Considerations

Although the sub-slab vapor mitigation system is expected to eliminate one vapor intrusion pathway, we recognize the potential for other vapor intrusion pathways to exist and recommend the following:

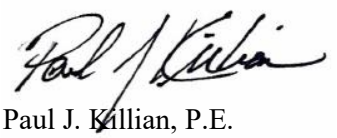
1. Complete an audit of the existing dry-cleaning operation. The audit should be completed by personnel experienced in dry-cleaning equipment and operations and include visibly examining the dry-cleaning machine for obvious leaks in piping and/or gaskets, properly sealing doors, and checking for obvious corroded and/or worn out components. This audit should also include a review of operating procedures relative to current industry practices (i.e. ventilation, chemical management, compliance reporting).
2. Depending on results of the dry-cleaning audit, complete an evaluation of the heating, ventilation, and air conditioning (HVAC) equipment in each of the five tenant spaces. This audit should be completed by experienced HVAC technicians and include:
    a. Inspecting conditions above ceilings and basement areas to check for possible openings that would allow for odors/fumes to transfer between suites,
    b. Inspecting conditions of all air intakes,
    c. Observing all exhaust outlets and assessing the termination,
    d. Documenting ambient air pressure in the tenant spaces.
    e. Provide recommendations to help control the vapor transfer from the dry-cleaning operations to the other tenant spaces.
3. Complete a vapor survey of utility laterals related to the subject property. Utility laterals can provide a preferential pathway for vapor migration beyond the limits of the property. In general, the utility vapor survey should be completed by locating all utility laterals and installing temporary vapor monitoring wells within the utility corridor backfill.

Closing

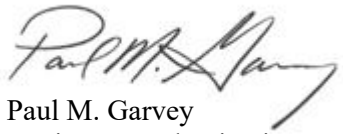
We trust this report adequately documents installation of the sub-slab vapor mitigation system. While our efforts have primarily focused on sub-slab depressurization, we recognize that remediation of the vapor source is the most effective way to eliminate the risks of vapor intrusion. We anticipate that by completing the recommended environmental monitoring, a long-term solution for source control will be determined.

Sincerely,

GEI CONSULTANTS, INC.



Paul J. Killian, P.E.
Vice President



Paul M. Garvey
Environmental Scientist

Tables
- Table 1 Summary of Field Readings for Performance Verification
- Table 2 Summary of Vapor Sampling Test Results
- Table 3 Summary of Groundwater Analytical Test Results

Figures
- Figure 1 Monitoring Well Locations
- Figure 2 Sub-Slab Vapor Mitigation System Diagram

Appendices
- Appendix A Photographs
- Appendix B Manufacturer's Information
- Appendix C Analytical Test Results

Cc: Mr. Qefli Neziri
Innovative Properties Group, LLC

Mr. Donald P. Gallow
Axley Brynelson, LLP

Mr. Matthew Bookter
Bank First

PJK:cah
K:\Innovative Properties Group, LLC\2002226_Vapor Mitigation System and Groundwater Sampling\05_In_Progress\Reports\2002226_Vapor Mitigation Documentation_Military Ave_FINAL.docx

Table 1
Innovative Properties
1233 South Military Road, Green Bay, Wisconsin
Summary of Field Readings for Performance Verification

Vacuum Readings (inches, water guage)

Outside Location:

Date	P3 Jim's Lesson	P4 Martinizing	P5 Taikwondo	P6 Edw. Jones
5/14/2020	2.2	2.25	3.25	3.25
5/20/2020	2.7"	2.2	3.25	3.25

Vacuum Readings (inches, water guage)

Inside Locations

Date	P1 SB Blower East	P2 SB Blower West	P7 N. Basement N. Wall Vent	P8 N. Basement S. Wall Vent
6/10/2020	3.7"	3.7"	0.15"	0.3"

Vacuum Readings (inches, water guage)

Vapor Pin Readings:

Date	M2 Jim's Drum Rm	M3 Jim's Stage	M4 Martinizing	M5 Taikwondo East	M6 Taikwondo West
5/14/2020	0.07"	0.25"	0.3"	0.1"	0.01"
5/20/2020	0.02"	0.7"	(closed)	0.22"	0.01"

Vacuum Readings (inches, water guage)

Sump Readings

Date	S1 N. Basement NW Sump	S2 N. Basement SE Sump	S3 S. Basement Large Sump	S4 S. Basement Small Sump
6/10/2020	0.22"	0.5	2.9"	1.3"

Vacuum Readings (inches, water guage)

Blower Readings

Date	B1 N. Basement N. Blower Pre-	B2 N. Basement S. Blower Pre-	B3 SB Blower Sump	B4 SB S Wall East	B5 SB S Wall East	B6 Exterior East Wall
6/10/2020	0.8"	0.5"	3.0"	3.7	3.7	5.5

Table 2
Innovative Properties
1233 South Military Road, Green Bay, Wisconsin
Summary of Vapor Sampling Test Results

				Tetrachloroethylene (ug/m^3)		
	Sampling ID	**Sample Location**	**First Floor/Basement**	3/4/2020	4/2/2020	5/20/2020
Ambient Air	AA1	Jim's Music Retail (Front / West)	First floor	338	555/365	940
	AA2	Jim's Music Retail (Back / East)	First floor	411	not sampled	not sampled
	AA3	Jim's Music Lesson	First floor	827/983	2510	4390
	AA4	Jim's Music Retail	N. Basement	382	1230	861
	AA5	Jim's Music Lesson	S. Basement	807/909	not sampled	not sampled
	AA6	Edward Jones Financial	First floor	292	not sampled	422
	AA7	Outdoor Near Vent	Outdoors	23	not sampled	not sampled
	AA8	Former William's Taekwondo	First floor	1420/2270	805	408
Sub-slab Soil Vapor	SSV1	One-Hour Martinizing	First floor	6350		
	SSV2	Jim's Music Retail (Front / West)	First floor	99		
	SSV3	Edward Jones Financial	First floor	306		
	SSV5	Jim's Music Lesson (South wall)	Basement	56700		
	SSV6	Former William's Taekwondo	First floor	6220		
	Sump-1	Jim's Music Retail (Northwest Sump)	Basement	14200		
	Sump-2	Jim's Music Retail (East Sump)	Basement	429		
	Sump-3	Jim's Music Lesson (Ejector Pit)	Basement	1410		
	Sump-4	Jim's Music Lesson (Sump)	Basement	1670		

Samples collected 3/4/2020 and 5/20/2020 by GEI on behalf of Innovative Properties.
Samples collected 4/2/2020 by SCS Engineers on behalf of WDNR.

Table 3
Innovative Properties
1233 South Military Road, Green Bay, Wisconsin
Summary of Groundwater Analytical Test Results

	Tetrachloroethene ug/l		Trichloroethene ug/l		cis-1,2 Dichloroethene ug/l		Vinyl Choride ug/l	
Monitoring Well	Date Sampled		Date Sampled		Date Sampled		Date Sampled	
	3/27/2014	4/20/2020	3/27/2014	4/20/2020	3/27/2014	4/20/2020	3/27/2014	4/20/2020
MW-1	3210	1010	11.7J	<6.4	<10.5	<6.8	<4.6	<4.4
PZ-1	2.9	3.7	2.6	2.2	4.6	2.1	0.31J	<0.17
MW-2	<0.47	<0.33	<0.36	<0.26	<0.42	<0.27	<0.18	<0.17
PZ-2	<0.47	<0.33	<0.36	<0.26	4.6	<0.27	<0.18	<0.17
MW-3	133	38.4	<0.73	<0.26	<0.84	<0.27	<0.37	<0.17
MW-5	<0.47	<0.33	<0.36	<0.26	<0.5	<0.27	<0.18	<0.17
MW-6	62.2	25.3	9	3.9	15.2	3.8	0.38J	0.18J
PZ-6	<0.47	<0.33	<0.36	<0.26	<0.42	<0.27	0.32J	0.43J
Enforcement Standard	5		5		7		0.2	

Notes: ug/l = micrograms per liter
J = reported concetration between method detection limit and limit of quntification.
Enforcement Standard = Groundwater quality enforcement standard (NR 140, Wisc Admin Code).

Samples collected 4/20/2020 by GEI Consultants
Samples collected 3/27/14 by AECOM

N

NOT TO SCALE

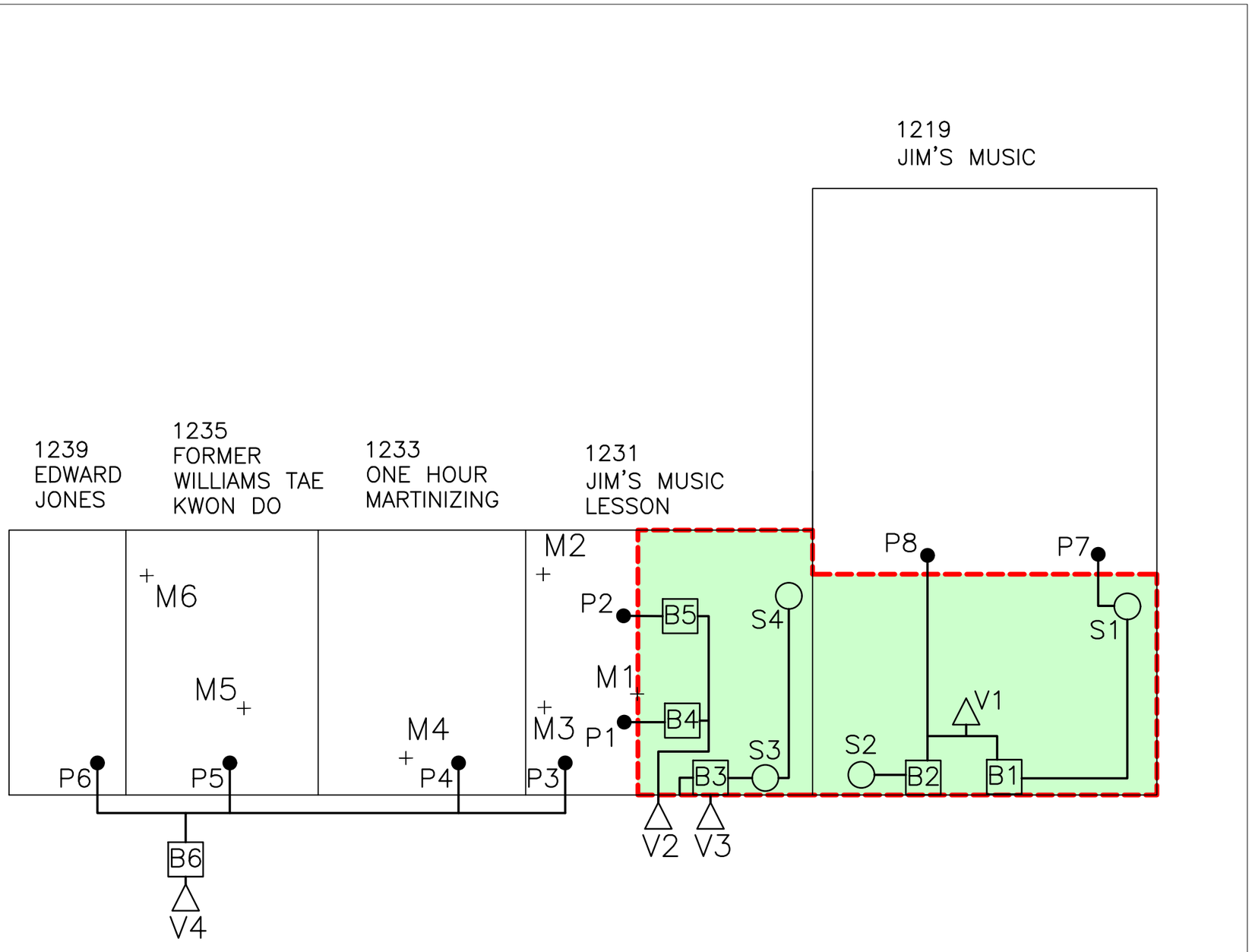
LEGEND

- MW-2 MONITORING WELL LOCATION
- PZ-2 PIEZOMETER LOCATION

NOTE: BASE MAP FROM GOOGLE EARTH DATED JUNE, 2020.

SUB-SLAB VAPOR MITIGATION SYSTEM	GEI Consultants	MONITORING WELL LOCATION DIAGRAM
INNOVATIVE PROPERTIES GREEN BAY, WI	Project: 2002226	JUNE 2020 FIG-1

\\grb1v-fs01\ J:\2020\2002226-Innovative Properties\Fig 1-Monitoring Well Locations.dwg - 6/25/2020



NOT TO SCALE

LEGEND

- S1 ○ SUBGRADE SUMP
- B1 □ VACUUM BLOWER
- V1 △ DISCHARGE VENT
- P1 ● VAPOR EXTRACTION POINT
- M1 + SUB–SLAB VACUUM MONITORING PIN
- BASEMENT AREA

SUB-SLAB VAPOR MITIGATION SYSTEM INNOVATIVE PROPERTIES GREEN BAY, WI	GEI Consultants Project: 2002226	SUB-SLAB VAPOR MITIGATION SYSTEM DIAGRAM JUNE 2020 FIG-2

\\grb1v-fs01\ J:\2020\2002226-Innovative Properties\Fig 1-Monitoring Well Locations.dwg - 6/25/2020

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 1. Installation of East Wall Vapor Extraction Points

Photo 2. Installation of East Wall Vapor Extraction Points

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 3. East wall vapor extraction point.

Photo 4. East wall vapor extraction points.

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 5. Installation of south basement vacuum extraction points.

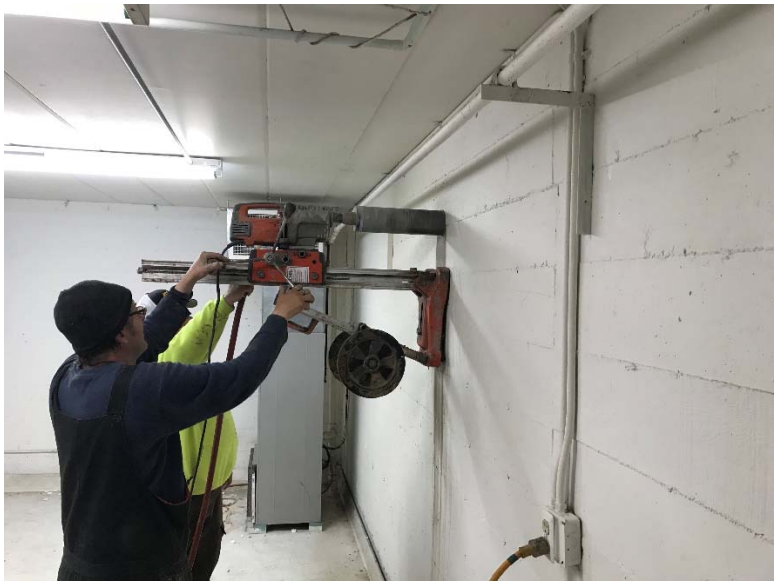


Photo 6. Sealing beam pocket in south basement.

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 7. South basement vacuum blowers. Vacuum Blower B4 and B5.

Photo 8. Ejector pit in south basement, Sump S3, before and after sealing.

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 9. Vacuum blower B3, south basement sumps.

Photo 10. Vacuum extraction points P7, west wall of north basement. Before and after sealing.

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 11. Vacuum extraction points P7, west wall of north basement, after sealing.

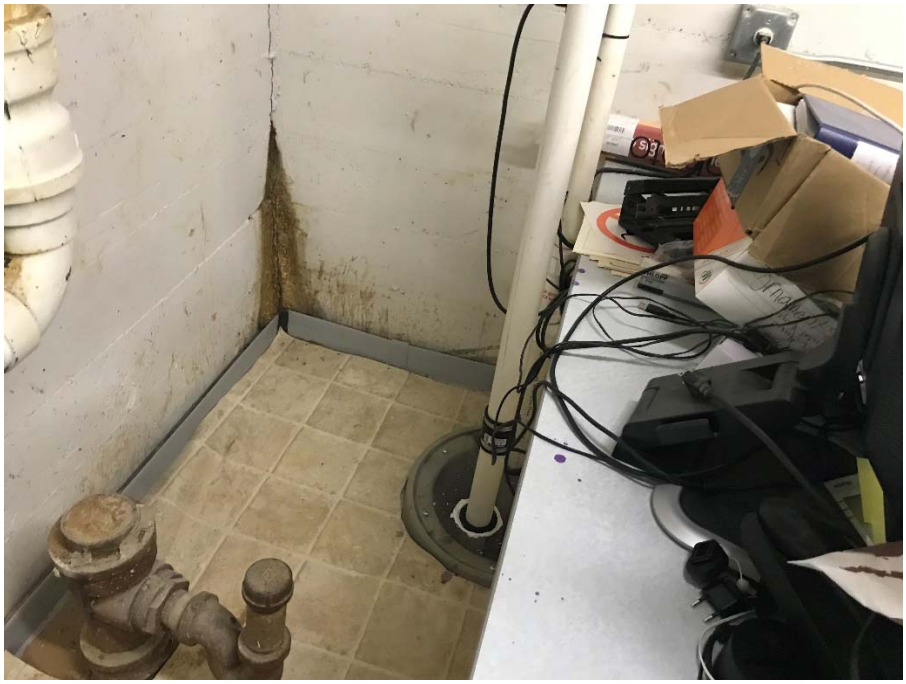
Photo 12. Vacuum extraction blower B2, north basement.

Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 13. Vacuum extraction blower B1, north basement.

Photo 14. Sump S1, north basement.



Photographic Log

Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 15. Sump S2, north basement.

Photo 16. Sump S4, south basement.

Photographic Log

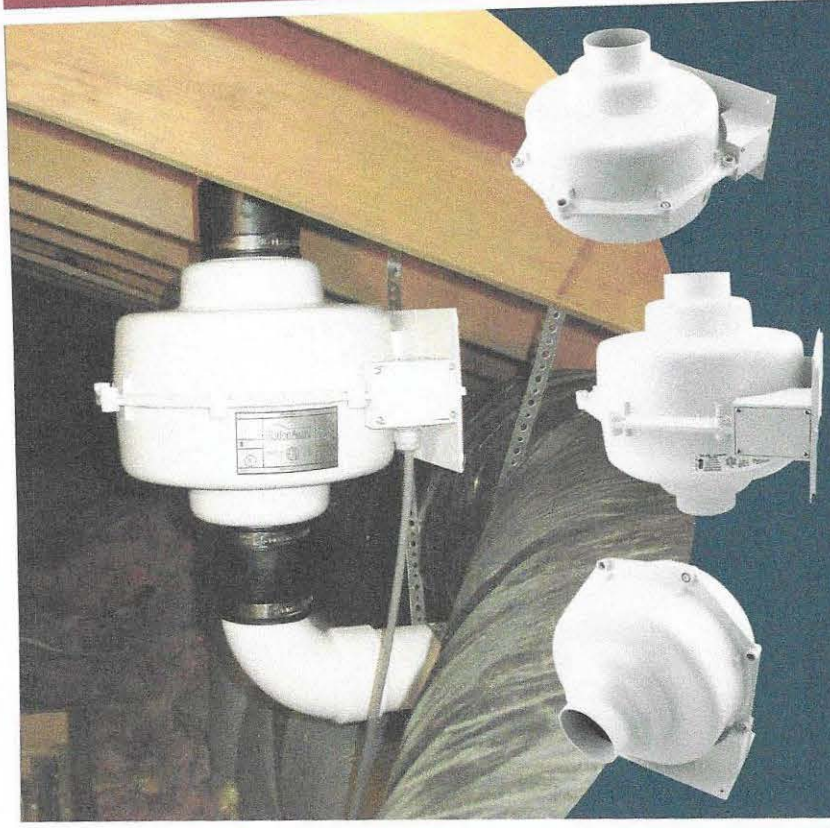
Sub-slab Vapor Mitigation System Installation
Innovative Properties
Military Avenue, Green Bay, WI

Photo 17. Discharge vents from north basement.

Photo 18. Discharge vent, east wall.

RadonAway®
The world's leading radon fan manufacturer

GPc Series



Radon Mitigation Fan

All RadonAway® fans are specifically designed for radon mitigation. GPc Series Fans offer a wide range of performance options that make them ideal for most sub-slab radon mitigation systems.

Features

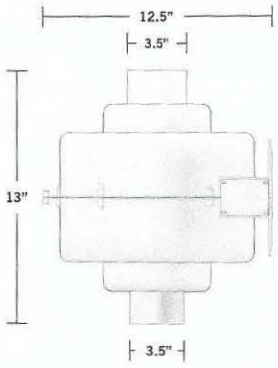
- Quiet operation
- Water-hardened motor
- Seams sealed under negative pressure (to inhibit radon leakage)
- Mounts on duct pipe or with integral flange
- 3" diameter ducts for use with 3" or 4" pipe
- Electrical box for hard wire or plug in
- ETL Listed - for indoor or outdoor use
- 2 interchangeable GPc models

MODEL	P/N	FAN DUCT DIAMETER	WATTS	RECOM. MAX. OP. PRESSURE "WC	TYPICAL CFM vs. STATIC PRESSURE WC						
					1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP301c	23006-1	3"	55-90	2.3	64	54	41	4	-	-	-
GP501c	23005-1	3"	68-146	3.8	-	-	66	58	50	27	4

Made in USA with U.S. and imported parts.

ETL Listed

All RadonAway® inline radon fans are covered by our 5-year, hassle-free warranty.



For Further Information, Contact Your Radon Professional:

Rev C 0517
P/N 02002

GPc Series Product Specifications

Typical CFM Vs. Static Pressure "WC							
	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP301c	64	54	41	4	-	-	-
GP501c	-	-	66	58	50	27	4

Model	Power Consumption 120VAC, 60Hz, 1.5 Amp Maximum	Maximum Recommended Operation Pressure* (Sea Level Operation)**
GP301c	56-100 watts	2.3" WC
GP501c	68 - 146 watts	3.8" WC

**Reduce by 10% for High Temperature Operation **Reduce by 4% per 1000 ft. of altitude.*

Model	Size	Weight	Inlet/Outlet
GP301c	13"H x 12.5" Dia.	12 lbs	3.5" OD
GP501c	13"H x 12.5" Dia.	12 lbs	3.5" OD

RPc, XPc, XR and GPc Series Additional Specifications

Model	Recommended Duct	PVC Pipe Mounting	Thermal Cutout	Insulation Class
RP140c	3" or 4" Schedule 20/40 PVC	Mount on the duct pipe or with optional mounting bracket. For Ventilation: 4", 6" or 8" Rigid or Flexible Ducting.	130°C/266°F	Class B Insulation
RP145c			130°C/266°F	Class F Insulation
RP260c			150°C/302°F	
RP265c			150°C/302°F	
XP201c	3" or 4" Schedule 20/40 PVC	Fan may be mounted on the duct pipe or with integral flanges.	120°C/248°F	Class B Insulation
XR261				
GP301c	3" or 4" Schedule 20/40 PVC	Fan may be mounted on the duct pipe or with integral flanges.	120°C/248°F	Class B Insulation
GP501c				

Continuous Duty
3000 RPM
Thermally Protected
RPc, GPc Residential and Commercial
XPc, XR Residential Only
Rated for Indoor or Outdoor Use

LISTED
Electric Fan

Intertek
77728

Conforms to
UL STD. 507

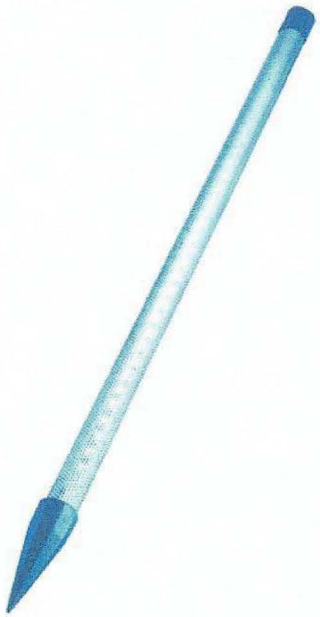
Certified to
CAN/CSA STD.
C22.2 No.113

RadonAway® U-Tube Easy-Read Manometer

Model Number: 50020 | Menards® SKU: 6893657

Water Source 2" x 36" Stainless Steel Well Point

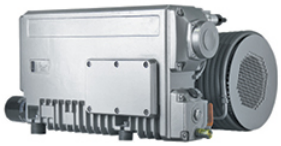
Model Number: WPF3680 | Menards® SKU: 6912024



DECADES
of experience

Established in 1962, Republic Manufacturing draws on experience and expertise to provide value from the initial consultation to post-implementation support.

Republic Manufacturing designs, manufactures, and supplies a comprehensive range of air knives, centrifugal, regenerative, and positive displacement blowers, rotary vane vacuum pumps, rotary claw pumps, and systems used in many industries. Our applications and systems expertise is supported by our knowledge and years of experience. Republic's in-house engineers can design custom options utilizing state-of-the-art equipment and software. Quality is Republic's top priority and each product undergoes rigorous inspection throughout the manufacturing process. Our products are available for immediate shipment or custom-engineered systems to meet your most difficult applications.



Oil-Lubricated Rotary Vane Pumps

Centrifugal Blowers

Rotary Claw Pumps

Regenerative Blowers

Dry Vane Pump

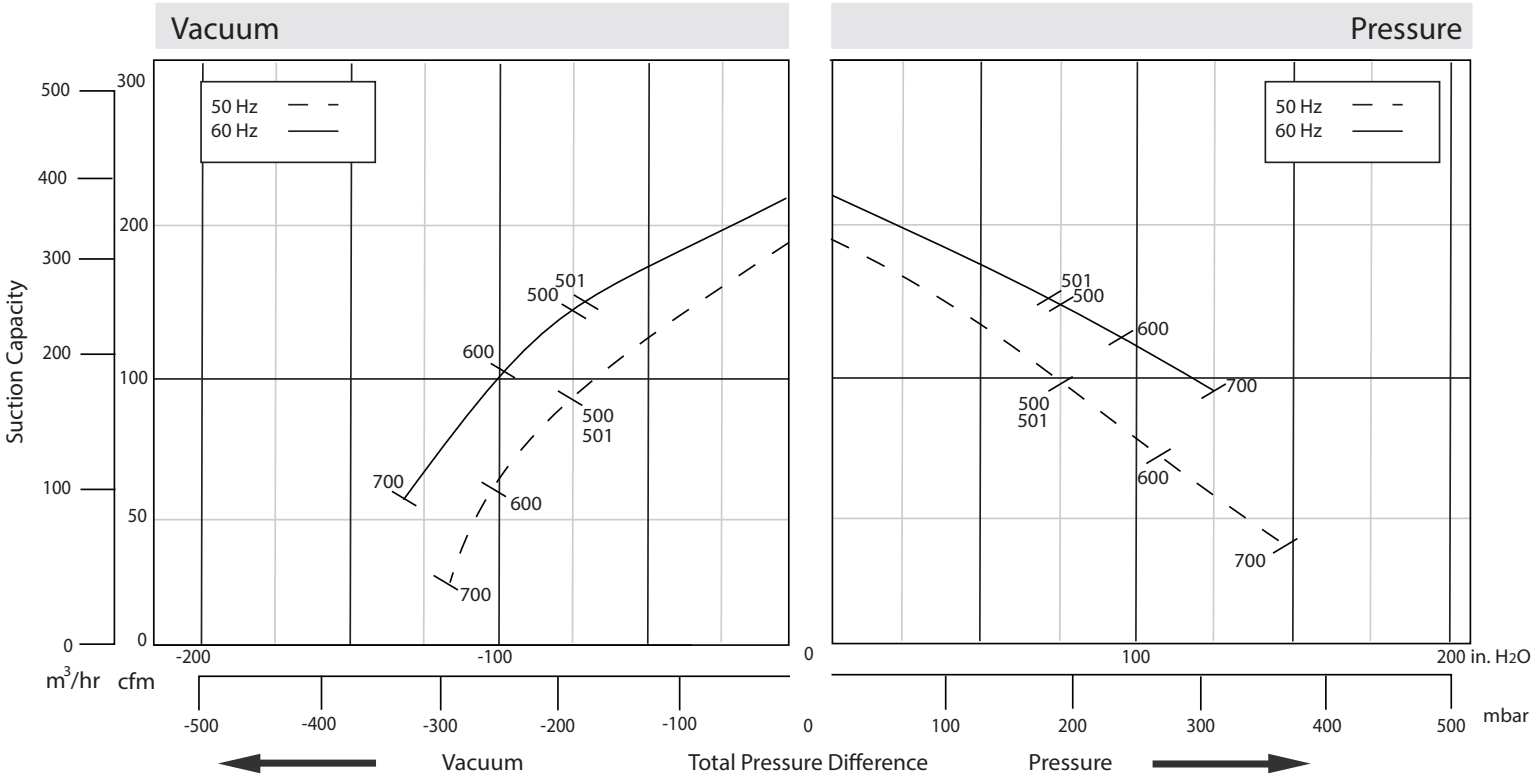
Air Knives & Nozzles

HRC 500/501/600/700

REGENERATIVE BLOWERS

Republic offers a complete line of regenerative blowers for high vacuum or compressed air applications in both horizontal and vertical mounted positions. TEFC motors are rated for 50/60 Hz operation and are cUL, UL, and CE certified. The impeller is directly connected to the motor shaft, providing powerful air force without undue friction. The bearings are outside the compression chamber, ensuring maximum operational reliability under high differential pressure. Constructed in robust die-cast aluminum, this low-maintenance, oil-free design provides continuous, dependable service to our customers.

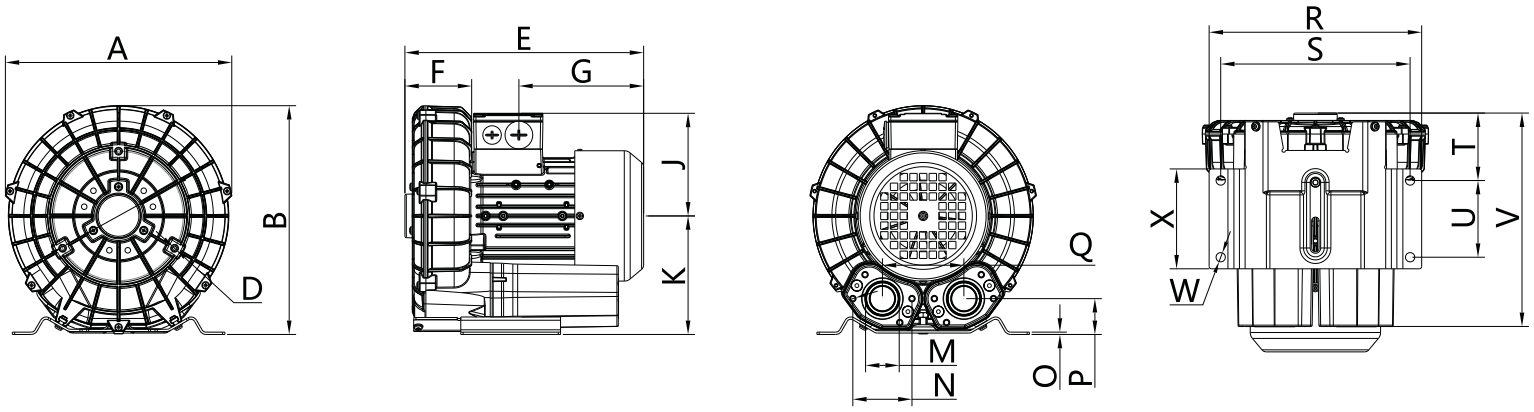
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H_2O/mbar)	Rated Pressure (in. H_2O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
HRC 500	3	50	187/318	76/190	76/190	3.0/2.2	200-240 △/345-415 Y	9.7 △/5.6 Y	69	68/31
		60	221/376	76/190	76/190	3.4/2.5	220-275 △/380-480 Y	10.3 △/6.0 Y	72	
HRC 600	3	50	187/318	104/260	108/270	4.0/3.0	200-240 △/345-415 Y	12.5 △/7.2 Y	69	79/36
		60	221/376	96/240	92/230	4.6/3.4	220-275 △/380-480 Y	12.6 △/7.3 Y	72	
HRC 700	3	50	187/318	116/290	132/330	5.4/4.0	200-240 △/345-415 Y	17.3 △/10.0 Y	69	88/40
		60	221/376	128/320	124/310	6.2/4.6	220-275 △/380-480 Y	17.1 △/9.9 Y	72	
HRC 501	1	50	187/318	76/190	76/190	3.0/2.2	220	15.5	72	66/30
		60	221/376	72/180	72/180	3.4/2.5	220	15.5	74	

The performance curves are based on air at a temperature of 59 °F and an atmospheric pressure of 29.91 inch Hg with a tolerance of +/-10%. The total pressure differences are valid for inlet and ambient temperatures up to 77 °F. Suction capacity relates to inlet conditions. Pressure capacity relates to atmospheric conditions. For other conditions please contact Republic. Three phase motor tolerances are +/-10% for fixed voltage motors and +/-5% for voltage range motors. Single phase machines are designed with a +/-5% tolerance. The frequency tolerance is +/-2% maximum.

APPROXIMATE DIMENSIONS

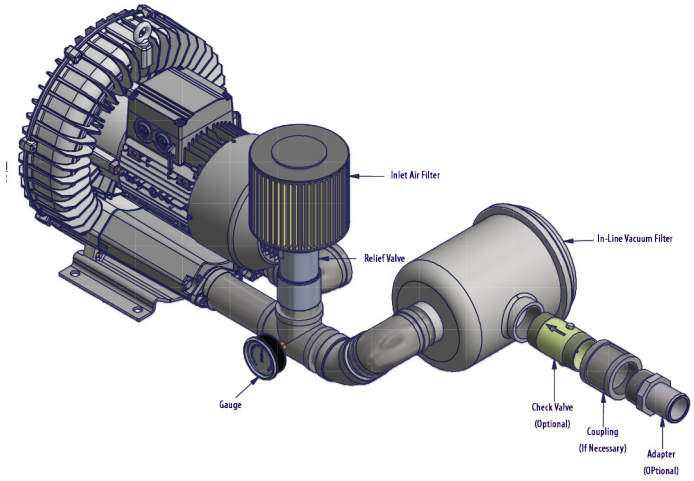


Model	Unit	A	B	D	E	F	G	J	K	M	N	O	P	Q	R	S	T	U	V	W
HRC 500	in	15.04	16.54	M10	14.84	5.12	7.48	5.04	7.68	2.00	3.27	0.18	2.00	7.09	12.80	11.42	4.29	5.51	13.07	0.59
	mm	382	420		377	130	190	128	195		83	4.5	51	180	325	290	109	140	332	15
HRC 600	in	15.04	16.54	M10	16.10	5.12	7.40	5.31	7.68	2.00	3.27	0.18	2.00	7.09	12.80	11.42	4.29	5.51	13.07	0.59
	mm	382	420		409	130	188	135	195		83	4.5	51	180	325	290	109	140	332	15
HRC 700	in	15.04	16.54	M10	16.10	5.12	7.40	5.31	7.68	2.00	3.27	0.18	2.00	7.09	12.80	11.42	4.29	5.51	13.07	0.59
	mm	382	420		409	130	188	135	195		83	4.5	51	180	325	290	109	140	332	15
HRC 501	in	15.04	16.54	M10	14.84	5.12	7.48	5.04	7.68	2.00	3.27	0.18	2.00	7.09	12.80	11.42	4.29	5.51	13.07	0.59
	mm	382	420		377	130	190	128	195		83	4.5	51	180	325	290	109	140	332	15

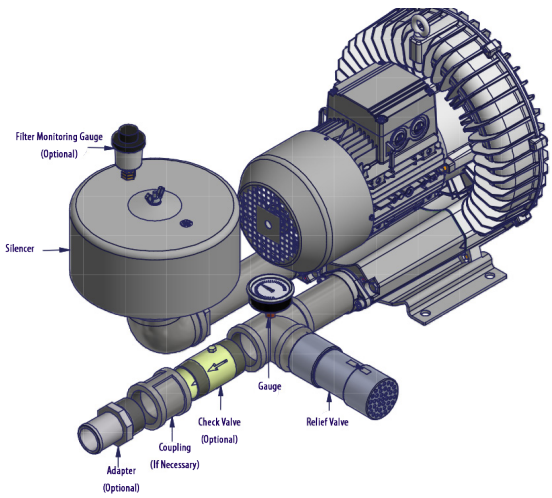
Available Options

All Republic Regenerative Blowers are available in pre-assembled kits for either pressure or vacuum applications. These kits include an inlet filter, gauge and relief valve, and are factory tested prior to shipment. Optional items for these kits include check valve, and tube adaptor; washdown motors, explosion proof motors, or other specialty motors; noise enclosures; and control panels such as VFD's, PLC's, or starter panels.

VACUUM KIT



PRESSURE KIT



REPUBLIC MANUFACTURING

5131 Cash Road, Dallas, TX 75247, USA
800.847.0380 • info@republic-mfg.com • republic-mfg.com

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 27, 2020

Paul Garvey
GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, WI 54311

RE: Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Dear Paul Garvey:

Enclosed are the analytical results for sample(s) received by the laboratory on April 21, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

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

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40206562001	**MW-6**	Water	04/20/20 11:11	04/21/20 12:41
40206562002	**PZ-6**	Water	04/20/20 15:30	04/21/20 12:41
40206562003	**MW-1**	Water	04/20/20 13:00	04/21/20 12:41
40206562004	**PZ-1**	Water	04/20/20 12:41	04/21/20 12:41
40206562005	**MW-3**	Water	04/20/20 12:18	04/21/20 12:41
40206562006	**MW-5**	Water	04/20/20 12:00	04/21/20 12:41
40206562007	**PZ-2**	Water	04/20/20 14:30	04/21/20 12:41
40206562008	**MW-2**	Water	04/20/20 11:38	04/21/20 12:41
40206562009	**MW-6 DUPE**	Water	04/20/20 11:11	04/21/20 12:41
40206562010	**TRIP**	Water	04/20/20 00:00	04/21/20 12:41

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40206562001	**MW-6**	EPA 8260	HNW	64	PASI-G
40206562002	**PZ-6**	EPA 8260	HNW	64	PASI-G
40206562003	**MW-1**	EPA 8260	HNW	64	PASI-G
40206562004	**PZ-1**	EPA 8260	HNW	64	PASI-G
40206562005	**MW-3**	EPA 8260	HNW	64	PASI-G
40206562006	**MW-5**	EPA 8260	HNW	64	PASI-G
40206562007	**PZ-2**	EPA 8260	HNW	64	PASI-G
40206562008	**MW-2**	EPA 8260	HNW	64	PASI-G
40206562009	**MW-6 DUPE**	EPA 8260	HNW	64	PASI-G
40206562010	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40206562001	**MW-6**					
EPA 8260	cis-1,2-Dichloroethene	3.8	ug/L	1.0	04/23/20 10:49	
EPA 8260	Tetrachloroethene	25.3	ug/L	1.1	04/23/20 10:49	
EPA 8260	Trichloroethene	3.9	ug/L	1.0	04/23/20 10:49	
EPA 8260	Vinyl chloride	0.18J	ug/L	1.0	04/23/20 10:49	
40206562002	**PZ-6**					
EPA 8260	Vinyl chloride	0.43J	ug/L	1.0	04/23/20 10:28	
40206562003	**MW-1**					
EPA 8260	Tetrachloroethene	1010	ug/L	27.2	04/23/20 11:54	
40206562004	**PZ-1**					
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	04/23/20 12:15	
EPA 8260	Tetrachloroethene	3.7	ug/L	1.1	04/23/20 12:15	
EPA 8260	Trichloroethene	2.2	ug/L	1.0	04/23/20 12:15	
40206562005	**MW-3**					
EPA 8260	Tetrachloroethene	38.4	ug/L	1.1	04/23/20 11:11	
40206562009	**MW-6 DUPE**					
EPA 8260	cis-1,2-Dichloroethene	3.6	ug/L	1.0	04/23/20 11:32	
EPA 8260	Tetrachloroethene	25.2	ug/L	1.1	04/23/20 11:32	
EPA 8260	Trichloroethene	3.9	ug/L	1.0	04/23/20 11:32	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-6 **Lab ID: 40206562001** Collected: 04/20/20 11:11 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		04/23/20 10:49	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:49	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/23/20 10:49	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/23/20 10:49	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/23/20 10:49	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/23/20 10:49	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:49	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/23/20 10:49	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/23/20 10:49	98-06-6	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		04/23/20 10:49	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:49	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/23/20 10:49	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/23/20 10:49	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/23/20 10:49	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/23/20 10:49	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/23/20 10:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/23/20 10:49	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/23/20 10:49	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/23/20 10:49	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/23/20 10:49	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:49	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/23/20 10:49	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/23/20 10:49	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/23/20 10:49	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:49	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:49	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:49	75-35-4	
cis-1,2-Dichloroethene	**3.8**	ug/L	1.0	0.27	1		04/23/20 10:49	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		04/23/20 10:49	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:49	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/23/20 10:49	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/23/20 10:49	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/23/20 10:49	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/23/20 10:49	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/23/20 10:49	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/23/20 10:49	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		04/23/20 10:49	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		04/23/20 10:49	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		04/23/20 10:49	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/23/20 10:49	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/23/20 10:49	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/23/20 10:49	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		04/23/20 10:49	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/23/20 10:49	103-65-1	
Styrene	**<3.0**	ug/L	10.0	3.0	1		04/23/20 10:49	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-6 **Lab ID: 40206562001** Collected: 04/20/20 11:11 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:49	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:49	79-34-5	
Tetrachloroethene	**25.3**	ug/L	1.1	0.33	1		04/23/20 10:49	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 10:49	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 10:49	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 10:49	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:49	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 10:49	79-00-5	
Trichloroethene	**3.9**	ug/L	1.0	0.26	1		04/23/20 10:49	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 10:49	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 10:49	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 10:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 10:49	108-67-8	
Vinyl chloride	**0.18J**	ug/L	1.0	0.17	1		04/23/20 10:49	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 10:49	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 10:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/23/20 10:49	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/23/20 10:49	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		04/23/20 10:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: PZ-6 **Lab ID: 40206562002** Collected: 04/20/20 15:30 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		04/23/20 10:28	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:28	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/23/20 10:28	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/23/20 10:28	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/23/20 10:28	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/23/20 10:28	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:28	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/23/20 10:28	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/23/20 10:28	98-06-6	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		04/23/20 10:28	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:28	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/23/20 10:28	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/23/20 10:28	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/23/20 10:28	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/23/20 10:28	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/23/20 10:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/23/20 10:28	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/23/20 10:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/23/20 10:28	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/23/20 10:28	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:28	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/23/20 10:28	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/23/20 10:28	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/23/20 10:28	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:28	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:28	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:28	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:28	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		04/23/20 10:28	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:28	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/23/20 10:28	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/23/20 10:28	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/23/20 10:28	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/23/20 10:28	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/23/20 10:28	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/23/20 10:28	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		04/23/20 10:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		04/23/20 10:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		04/23/20 10:28	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/23/20 10:28	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/23/20 10:28	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/23/20 10:28	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		04/23/20 10:28	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/23/20 10:28	103-65-1	
Styrene	**<3.0**	ug/L	10.0	3.0	1		04/23/20 10:28	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: PZ-6 **Lab ID: 40206562002** Collected: 04/20/20 15:30 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:28	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		04/23/20 10:28	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 10:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 10:28	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 10:28	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:28	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 10:28	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 10:28	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 10:28	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 10:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 10:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 10:28	108-67-8	
Vinyl chloride	**0.43J**	ug/L	1.0	0.17	1		04/23/20 10:28	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 10:28	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 10:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/23/20 10:28	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/23/20 10:28	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		04/23/20 10:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-1 **Lab ID: 40206562003** Collected: 04/20/20 13:00 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<6.2**	ug/L	25.0	6.2	25		04/23/20 11:54	71-43-2	
Bromobenzene	**<6.0**	ug/L	25.0	6.0	25		04/23/20 11:54	108-86-1	
Bromochloromethane	**<9.1**	ug/L	125	9.1	25		04/23/20 11:54	74-97-5	
Bromodichloromethane	**<9.1**	ug/L	30.3	9.1	25		04/23/20 11:54	75-27-4	
Bromoform	**<99.3**	ug/L	331	99.3	25		04/23/20 11:54	75-25-2	
Bromomethane	**<24.3**	ug/L	125	24.3	25		04/23/20 11:54	74-83-9	
n-Butylbenzene	**<17.7**	ug/L	59.0	17.7	25		04/23/20 11:54	104-51-8	
sec-Butylbenzene	**<21.2**	ug/L	125	21.2	25		04/23/20 11:54	135-98-8	
tert-Butylbenzene	**<7.6**	ug/L	25.3	7.6	25		04/23/20 11:54	98-06-6	
Carbon tetrachloride	**<26.9**	ug/L	89.7	26.9	25		04/23/20 11:54	56-23-5	
Chlorobenzene	**<17.8**	ug/L	59.2	17.8	25		04/23/20 11:54	108-90-7	
Chloroethane	**<33.6**	ug/L	125	33.6	25		04/23/20 11:54	75-00-3	
Chloroform	**<31.8**	ug/L	125	31.8	25		04/23/20 11:54	67-66-3	
Chloromethane	**<54.7**	ug/L	182	54.7	25		04/23/20 11:54	74-87-3	
2-Chlorotoluene	**<23.2**	ug/L	125	23.2	25		04/23/20 11:54	95-49-8	
4-Chlorotoluene	**<18.9**	ug/L	63.0	18.9	25		04/23/20 11:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<44.1**	ug/L	147	44.1	25		04/23/20 11:54	96-12-8	
Dibromochloromethane	**<65.0**	ug/L	217	65.0	25		04/23/20 11:54	124-48-1	
1,2-Dibromoethane (EDB)	**<20.7**	ug/L	69.1	20.7	25		04/23/20 11:54	106-93-4	
Dibromomethane	**<23.4**	ug/L	78.1	23.4	25		04/23/20 11:54	74-95-3	
1,2-Dichlorobenzene	**<17.6**	ug/L	58.8	17.6	25		04/23/20 11:54	95-50-1	
1,3-Dichlorobenzene	**<15.7**	ug/L	52.3	15.7	25		04/23/20 11:54	541-73-1	
1,4-Dichlorobenzene	**<23.6**	ug/L	78.6	23.6	25		04/23/20 11:54	106-46-7	
Dichlorodifluoromethane	**<12.5**	ug/L	125	12.5	25		04/23/20 11:54	75-71-8	
1,1-Dichloroethane	**<6.8**	ug/L	25.0	6.8	25		04/23/20 11:54	75-34-3	
1,2-Dichloroethane	**<7.0**	ug/L	25.0	7.0	25		04/23/20 11:54	107-06-2	
1,1-Dichloroethene	**<6.1**	ug/L	25.0	6.1	25		04/23/20 11:54	75-35-4	
cis-1,2-Dichloroethene	**<6.8**	ug/L	25.0	6.8	25		04/23/20 11:54	156-59-2	
trans-1,2-Dichloroethene	**<11.6**	ug/L	38.7	11.6	25		04/23/20 11:54	156-60-5	
1,2-Dichloropropane	**<7.1**	ug/L	25.0	7.1	25		04/23/20 11:54	78-87-5	
1,3-Dichloropropane	**<20.6**	ug/L	68.8	20.6	25		04/23/20 11:54	142-28-9	
2,2-Dichloropropane	**<56.6**	ug/L	189	56.6	25		04/23/20 11:54	594-20-7	
1,1-Dichloropropene	**<13.5**	ug/L	45.0	13.5	25		04/23/20 11:54	563-58-6	
cis-1,3-Dichloropropene	**<90.7**	ug/L	302	90.7	25		04/23/20 11:54	10061-01-5	
trans-1,3-Dichloropropene	**<109**	ug/L	364	109	25		04/23/20 11:54	10061-02-6	
Diisopropyl ether	**<47.2**	ug/L	157	47.2	25		04/23/20 11:54	108-20-3	
Ethylbenzene	**<8.0**	ug/L	26.6	8.0	25		04/23/20 11:54	100-41-4	
Hexachloro-1,3-butadiene	**<36.6**	ug/L	122	36.6	25		04/23/20 11:54	87-68-3	
Isopropylbenzene (Cumene)	**<42.2**	ug/L	140	42.2	25		04/23/20 11:54	98-82-8	
p-Isopropyltoluene	**<20.0**	ug/L	66.7	20.0	25		04/23/20 11:54	99-87-6	
Methylene Chloride	**<14.5**	ug/L	125	14.5	25		04/23/20 11:54	75-09-2	
Methyl-tert-butyl ether	**<31.1**	ug/L	104	31.1	25		04/23/20 11:54	1634-04-4	
Naphthalene	**<29.4**	ug/L	125	29.4	25		04/23/20 11:54	91-20-3	
n-Propylbenzene	**<20.3**	ug/L	125	20.3	25		04/23/20 11:54	103-65-1	
Styrene	**<75.2**	ug/L	251	75.2	25		04/23/20 11:54	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-1 **Lab ID: 40206562003** Collected: 04/20/20 13:00 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<6.7**	ug/L	25.0	6.7	25		04/23/20 11:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<6.9**	ug/L	25.0	6.9	25		04/23/20 11:54	79-34-5	
Tetrachloroethene	**1010**	ug/L	27.2	8.2	25		04/23/20 11:54	127-18-4	
Toluene	**<6.7**	ug/L	22.4	6.7	25		04/23/20 11:54	108-88-3	
1,2,3-Trichlorobenzene	**<55.3**	ug/L	184	55.3	25		04/23/20 11:54	87-61-6	
1,2,4-Trichlorobenzene	**<23.8**	ug/L	125	23.8	25		04/23/20 11:54	120-82-1	
1,1,1-Trichloroethane	**<6.1**	ug/L	25.0	6.1	25		04/23/20 11:54	71-55-6	
1,1,2-Trichloroethane	**<13.8**	ug/L	125	13.8	25		04/23/20 11:54	79-00-5	
Trichloroethene	**<6.4**	ug/L	25.0	6.4	25		04/23/20 11:54	79-01-6	
Trichlorofluoromethane	**<5.4**	ug/L	25.0	5.4	25		04/23/20 11:54	75-69-4	
1,2,3-Trichloropropane	**<14.8**	ug/L	125	14.8	25		04/23/20 11:54	96-18-4	
1,2,4-Trimethylbenzene	**<21.0**	ug/L	70.0	21.0	25		04/23/20 11:54	95-63-6	
1,3,5-Trimethylbenzene	**<21.8**	ug/L	72.8	21.8	25		04/23/20 11:54	108-67-8	
Vinyl chloride	**<4.4**	ug/L	25.0	4.4	25		04/23/20 11:54	75-01-4	
m&p-Xylene	**<11.6**	ug/L	50.0	11.6	25		04/23/20 11:54	179601-23-1	
o-Xylene	**<6.5**	ug/L	25.0	6.5	25		04/23/20 11:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		25		04/23/20 11:54	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		25		04/23/20 11:54	1868-53-7	
Toluene-d8 (S)	100	%	70-130		25		04/23/20 11:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: PZ-1 **Lab ID: 40206562004** Collected: 04/20/20 12:41 Received: 04/21/20 12:41 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: PZ-1 **Lab ID: 40206562004** Collected: 04/20/20 12:41 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 12:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 12:15	79-34-5	
Tetrachloroethene	**3.7**	ug/L	1.1	0.33	1		04/23/20 12:15	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 12:15	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 12:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 12:15	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 12:15	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 12:15	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	0.26	1		04/23/20 12:15	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 12:15	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 12:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 12:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 12:15	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 12:15	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 12:15	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 12:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/23/20 12:15	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/23/20 12:15	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		04/23/20 12:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-3 **Lab ID: 40206562005** Collected: 04/20/20 12:18 Received: 04/21/20 12:41 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-3 **Lab ID: 40206562005** Collected: 04/20/20 12:18 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 11:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 11:11	79-34-5	
Tetrachloroethene	**38.4**	ug/L	1.1	0.33	1		04/23/20 11:11	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 11:11	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 11:11	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 11:11	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 11:11	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 11:11	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 11:11	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 11:11	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 11:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 11:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 11:11	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 11:11	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 11:11	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 11:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/23/20 11:11	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		04/23/20 11:11	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		04/23/20 11:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-5 **Lab ID: 40206562006** Collected: 04/20/20 12:00 Received: 04/21/20 12:41 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-5 **Lab ID: 40206562006** Collected: 04/20/20 12:00 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 12:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 12:37	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		04/23/20 12:37	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 12:37	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 12:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 12:37	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 12:37	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 12:37	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 12:37	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 12:37	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 12:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 12:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 12:37	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 12:37	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 12:37	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 12:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/23/20 12:37	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		04/23/20 12:37	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/23/20 12:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: PZ-2 **Lab ID: 40206562007** Collected: 04/20/20 14:30 Received: 04/21/20 12:41 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: PZ-2 **Lab ID: 40206562007** Collected: 04/20/20 14:30 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 12:58	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 12:58	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		04/23/20 12:58	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 12:58	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 12:58	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 12:58	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 12:58	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 12:58	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 12:58	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 12:58	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 12:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 12:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 12:58	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 12:58	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 12:58	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 12:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		04/23/20 12:58	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/23/20 12:58	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		04/23/20 12:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-2 **Lab ID: 40206562008** Collected: 04/20/20 11:38 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		04/23/20 13:20	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 13:20	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/23/20 13:20	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/23/20 13:20	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/23/20 13:20	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/23/20 13:20	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 13:20	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/23/20 13:20	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/23/20 13:20	98-06-6	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		04/23/20 13:20	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 13:20	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/23/20 13:20	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/23/20 13:20	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/23/20 13:20	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/23/20 13:20	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/23/20 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/23/20 13:20	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/23/20 13:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/23/20 13:20	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/23/20 13:20	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 13:20	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/23/20 13:20	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/23/20 13:20	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/23/20 13:20	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 13:20	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 13:20	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 13:20	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		04/23/20 13:20	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		04/23/20 13:20	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 13:20	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/23/20 13:20	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/23/20 13:20	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/23/20 13:20	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/23/20 13:20	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/23/20 13:20	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/23/20 13:20	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		04/23/20 13:20	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		04/23/20 13:20	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		04/23/20 13:20	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/23/20 13:20	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/23/20 13:20	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/23/20 13:20	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		04/23/20 13:20	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/23/20 13:20	103-65-1	
Styrene	**<3.0**	ug/L	10.0	3.0	1		04/23/20 13:20	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-2 **Lab ID: 40206562008** Collected: 04/20/20 11:38 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 13:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 13:20	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		04/23/20 13:20	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 13:20	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 13:20	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 13:20	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 13:20	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 13:20	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 13:20	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 13:20	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 13:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 13:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 13:20	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 13:20	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 13:20	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 13:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/23/20 13:20	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/23/20 13:20	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/23/20 13:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-6 DUPE **Lab ID: 40206562009** Collected: 04/20/20 11:11 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		04/23/20 11:32	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 11:32	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/23/20 11:32	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/23/20 11:32	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/23/20 11:32	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/23/20 11:32	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 11:32	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/23/20 11:32	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/23/20 11:32	98-06-6	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		04/23/20 11:32	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 11:32	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/23/20 11:32	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/23/20 11:32	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/23/20 11:32	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/23/20 11:32	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/23/20 11:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/23/20 11:32	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/23/20 11:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/23/20 11:32	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/23/20 11:32	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 11:32	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/23/20 11:32	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/23/20 11:32	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/23/20 11:32	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 11:32	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 11:32	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 11:32	75-35-4	
cis-1,2-Dichloroethene	**3.6**	ug/L	1.0	0.27	1		04/23/20 11:32	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		04/23/20 11:32	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 11:32	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/23/20 11:32	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/23/20 11:32	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/23/20 11:32	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/23/20 11:32	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/23/20 11:32	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/23/20 11:32	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		04/23/20 11:32	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		04/23/20 11:32	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		04/23/20 11:32	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/23/20 11:32	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/23/20 11:32	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/23/20 11:32	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		04/23/20 11:32	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/23/20 11:32	103-65-1	
Styrene	**<3.0**	ug/L	10.0	3.0	1		04/23/20 11:32	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: MW-6 DUPE **Lab ID: 40206562009** Collected: 04/20/20 11:11 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 11:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 11:32	79-34-5	
Tetrachloroethene	**25.2**	ug/L	1.1	0.33	1		04/23/20 11:32	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 11:32	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 11:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 11:32	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 11:32	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 11:32	79-00-5	
Trichloroethene	**3.9**	ug/L	1.0	0.26	1		04/23/20 11:32	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 11:32	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 11:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 11:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 11:32	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 11:32	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 11:32	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 11:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/23/20 11:32	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/23/20 11:32	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/23/20 11:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: TRIP **Lab ID: 40206562010** Collected: 04/20/20 00:00 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		04/23/20 10:07	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:07	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/23/20 10:07	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/23/20 10:07	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/23/20 10:07	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/23/20 10:07	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:07	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/23/20 10:07	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/23/20 10:07	98-06-6	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		04/23/20 10:07	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:07	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/23/20 10:07	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/23/20 10:07	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/23/20 10:07	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/23/20 10:07	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/23/20 10:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/23/20 10:07	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/23/20 10:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/23/20 10:07	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/23/20 10:07	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/23/20 10:07	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/23/20 10:07	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/23/20 10:07	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/23/20 10:07	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:07	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:07	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:07	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:07	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		04/23/20 10:07	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:07	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/23/20 10:07	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/23/20 10:07	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/23/20 10:07	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/23/20 10:07	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/23/20 10:07	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/23/20 10:07	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		04/23/20 10:07	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		04/23/20 10:07	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		04/23/20 10:07	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/23/20 10:07	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/23/20 10:07	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/23/20 10:07	1634-04-4	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		04/23/20 10:07	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/23/20 10:07	103-65-1	
Styrene	**<3.0**	ug/L	10.0	3.0	1		04/23/20 10:07	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Sample: TRIP **Lab ID: 40206562010** Collected: 04/20/20 00:00 Received: 04/21/20 12:41 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/23/20 10:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/23/20 10:07	79-34-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		04/23/20 10:07	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		04/23/20 10:07	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		04/23/20 10:07	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/23/20 10:07	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/23/20 10:07	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/23/20 10:07	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 10:07	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/23/20 10:07	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/23/20 10:07	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/23/20 10:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/23/20 10:07	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/23/20 10:07	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/23/20 10:07	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/23/20 10:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/23/20 10:07	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		04/23/20 10:07	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/23/20 10:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

QC Batch: 353112
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206562001, 40206562002, 40206562003, 40206562004, 40206562005, 40206562006, 40206562007, 40206562008, 40206562009, 40206562010

METHOD BLANK: 2044191
Matrix: Water
Associated Lab Samples: 40206562001, 40206562002, 40206562003, 40206562004, 40206562005, 40206562006, 40206562007, 40206562008, 40206562009, 40206562010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	04/23/20 07:36	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	04/23/20 07:36	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	04/23/20 07:36	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	04/23/20 07:36	
1,1-Dichloroethane	ug/L	<0.27	1.0	04/23/20 07:36	
1,1-Dichloroethene	ug/L	<0.24	1.0	04/23/20 07:36	
1,1-Dichloropropene	ug/L	<0.54	1.8	04/23/20 07:36	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	04/23/20 07:36	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	04/23/20 07:36	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/23/20 07:36	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	04/23/20 07:36	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	04/23/20 07:36	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	04/23/20 07:36	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	04/23/20 07:36	
1,2-Dichloroethane	ug/L	<0.28	1.0	04/23/20 07:36	
1,2-Dichloropropane	ug/L	<0.28	1.0	04/23/20 07:36	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	04/23/20 07:36	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	04/23/20 07:36	
1,3-Dichloropropane	ug/L	<0.83	2.8	04/23/20 07:36	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	04/23/20 07:36	
2,2-Dichloropropane	ug/L	<2.3	7.6	04/23/20 07:36	
2-Chlorotoluene	ug/L	<0.93	5.0	04/23/20 07:36	
4-Chlorotoluene	ug/L	<0.76	2.5	04/23/20 07:36	
Benzene	ug/L	<0.25	1.0	04/23/20 07:36	
Bromobenzene	ug/L	<0.24	1.0	04/23/20 07:36	
Bromochloromethane	ug/L	<0.36	5.0	04/23/20 07:36	
Bromodichloromethane	ug/L	<0.36	1.2	04/23/20 07:36	
Bromoform	ug/L	<4.0	13.2	04/23/20 07:36	
Bromomethane	ug/L	<0.97	5.0	04/23/20 07:36	
Carbon tetrachloride	ug/L	<1.1	3.6	04/23/20 07:36	
Chlorobenzene	ug/L	<0.71	2.4	04/23/20 07:36	
Chloroethane	ug/L	<1.3	5.0	04/23/20 07:36	
Chloroform	ug/L	<1.3	5.0	04/23/20 07:36	
Chloromethane	ug/L	<2.2	7.3	04/23/20 07:36	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	04/23/20 07:36	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	04/23/20 07:36	
Dibromochloromethane	ug/L	<2.6	8.7	04/23/20 07:36	
Dibromomethane	ug/L	<0.94	3.1	04/23/20 07:36	
Dichlorodifluoromethane	ug/L	<0.50	5.0	04/23/20 07:36	

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
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

METHOD BLANK: 2044191 Matrix: Water

Associated Lab Samples: 40206562001, 40206562002, 40206562003, 40206562004, 40206562005, 40206562006, 40206562007, 40206562008, 40206562009, 40206562010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	04/23/20 07:36	
Ethylbenzene	ug/L	<0.32	1.1	04/23/20 07:36	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	04/23/20 07:36	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	04/23/20 07:36	
m&p-Xylene	ug/L	<0.47	2.0	04/23/20 07:36	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	04/23/20 07:36	
Methylene Chloride	ug/L	<0.58	5.0	04/23/20 07:36	
n-Butylbenzene	ug/L	<0.71	2.4	04/23/20 07:36	
n-Propylbenzene	ug/L	<0.81	5.0	04/23/20 07:36	
Naphthalene	ug/L	<1.2	5.0	04/23/20 07:36	
o-Xylene	ug/L	<0.26	1.0	04/23/20 07:36	
p-Isopropyltoluene	ug/L	<0.80	2.7	04/23/20 07:36	
sec-Butylbenzene	ug/L	<0.85	5.0	04/23/20 07:36	
Styrene	ug/L	<3.0	10.0	04/23/20 07:36	
tert-Butylbenzene	ug/L	<0.30	1.0	04/23/20 07:36	
Tetrachloroethene	ug/L	<0.33	1.1	04/23/20 07:36	
Toluene	ug/L	<0.27	0.90	04/23/20 07:36	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	04/23/20 07:36	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	04/23/20 07:36	
Trichloroethene	ug/L	<0.26	1.0	04/23/20 07:36	
Trichlorofluoromethane	ug/L	<0.21	1.0	04/23/20 07:36	
Vinyl chloride	ug/L	<0.17	1.0	04/23/20 07:36	
4-Bromofluorobenzene (S)	%	97	70-130	04/23/20 07:36	
Dibromofluoromethane (S)	%	100	70-130	04/23/20 07:36	
Toluene-d8 (S)	%	100	70-130	04/23/20 07:36	

LABORATORY CONTROL SAMPLE: 2044192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.8	108	64-131	
1,1,2-Trichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethane	ug/L	50	49.8	100	69-163	
1,1-Dichloroethene	ug/L	50	46.2	92	77-123	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.7	107	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	70-130	
1,2-Dichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	78-142	
1,2-Dichloropropane	ug/L	50	49.5	99	86-134	
1,3-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
Benzene	ug/L	50	49.3	99	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

LABORATORY CONTROL SAMPLE: 2044192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	50.7	101	70-130	
Bromoform	ug/L	50	47.4	95	70-130	
Bromomethane	ug/L	50	33.3	67	39-129	
Carbon tetrachloride	ug/L	50	46.3	93	70-132	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	42.2	84	66-140	
Chloroform	ug/L	50	47.3	95	75-132	
Chloromethane	ug/L	50	34.4	69	32-143	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	70-130	
Dibromochloromethane	ug/L	50	51.1	102	70-130	
Dichlorodifluoromethane	ug/L	50	27.9	56	10-141	
Ethylbenzene	ug/L	50	53.4	107	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.6	105	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	50.5	101	61-129	
Methylene Chloride	ug/L	50	48.7	97	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
Styrene	ug/L	50	53.7	107	70-130	
Tetrachloroethene	ug/L	50	49.9	100	70-130	
Toluene	ug/L	50	51.3	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.5	109	69-130	
Trichloroethene	ug/L	50	50.8	102	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	75-145	
Vinyl chloride	ug/L	50	40.2	80	51-140	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046389 2046390

Parameter	Units	40206562002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	52.8	52.6	106	105	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	53.1	51.4	106	103	64-137	3	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	49.9	50.9	100	102	70-137	2	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	52.8	52.2	106	104	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	49.0	49.7	98	99	77-129	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	54.5	53.8	109	108	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	51.2	50.3	102	101	60-130	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.2	50.8	100	102	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	54.8	53.5	110	107	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	52.2	52.2	104	104	78-145	0	20	

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
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046389 2046390

Parameter	Units	40206562002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.28	50	50	49.9	49.9	100	100	86-135	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	55.2	54.6	110	109	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	54.0	53.2	108	106	70-130	2	20	
Benzene	ug/L	<0.25	50	50	52.8	51.7	106	103	70-136	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	51.2	51.2	102	102	70-130	0	20	
Bromoform	ug/L	<4.0	50	50	45.4	45.8	91	92	69-130	1	20	
Bromomethane	ug/L	<0.97	50	50	38.3	38.7	77	77	39-138	1	20	
Carbon tetrachloride	ug/L	<1.1	50	50	52.1	51.2	104	102	70-142	2	20	
Chlorobenzene	ug/L	<0.71	50	50	54.3	53.4	109	107	70-130	2	20	
Chloroethane	ug/L	<1.3	50	50	45.3	45.1	91	90	61-149	0	20	
Chloroform	ug/L	<1.3	50	50	50.8	49.8	102	100	75-133	2	20	
Chloromethane	ug/L	<2.2	50	50	36.6	35.7	73	71	32-143	3	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	50.6	49.8	101	100	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	52.6	52.8	105	106	70-130	0	20	
Dibromochloromethane	ug/L	<2.6	50	50	51.2	51.1	102	102	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	27.9	27.7	56	55	10-141	1	20	
Ethylbenzene	ug/L	<0.32	50	50	55.7	55.9	111	112	80-120	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	55.6	55.4	111	111	70-130	0	20	
m&p-Xylene	ug/L	<0.47	100	100	112	111	112	111	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	51.0	50.6	102	101	61-136	1	20	
Methylene Chloride	ug/L	<0.58	50	50	52.1	50.1	104	100	68-137	4	20	
o-Xylene	ug/L	<0.26	50	50	53.5	53.4	107	107	70-130	0	20	
Styrene	ug/L	<3.0	50	50	55.3	55.1	111	110	70-130	0	20	
Tetrachloroethene	ug/L	<0.33	50	50	52.3	52.8	105	106	70-130	1	20	
Toluene	ug/L	<0.27	50	50	53.3	53.1	107	106	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	53.2	51.5	106	103	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	53.7	54.0	107	108	69-130	0	20	
Trichloroethene	ug/L	<0.26	50	50	53.7	53.0	107	106	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	49.5	49.6	99	99	74-157	0	20	
Vinyl chloride	ug/L	0.43J	50	50	43.2	42.5	86	84	51-140	2	20	
4-Bromofluorobenzene (S)	%						101	102	70-130			
Dibromofluoromethane (S)	%						100	100	70-130			
Toluene-d8 (S)	%						100	99	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1905866 1-HR MARTINIZING
Pace Project No.: 40206562

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40206562001	**MW-6**	EPA 8260	353112		
40206562002	**PZ-6**	EPA 8260	353112		
40206562003	**MW-1**	EPA 8260	353112		
40206562004	**PZ-1**	EPA 8260	353112		
40206562005	**MW-3**	EPA 8260	353112		
40206562006	**MW-5**	EPA 8260	353112		
40206562007	**PZ-2**	EPA 8260	353112		
40206562008	**MW-2**	EPA 8260	353112		
40206562009	**MW-6 DUPE**	EPA 8260	353112		
40206562010	**TRIP**	EPA 8260	353112		

Pace Analytical
www.pacelabs.com

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

Page 1 of 1

40200782

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	GEI Consultants
Branch/Location:	GBW
Project Contact:	Paul Garvey
Phone:	920 883-1710
Project Number:	1905866
Project Name:	I-HR Martinizing
Project State:	WI
Sampled By (Print):	Paul Garvey
Sampled By (Sign):	Paul Garvey
PO #:	Regulatory Program:

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-6	4-20-20	1111	W			X			
002	PZ-6		1530	W			X			
003	MW-1		1300	W			X			
004	PZ-1		1241	W			X			
005	MW-3		1218	W			X			
006	MW-5		1200	W			X			
007	PZ-2		1430	W			X			
008	MW-2		1138	W			X			
009	MW-6 dupe	↓	1111	W			X			
010	Trip	—	—	W			X			

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Paul Garvey	4-21-20 1241	Brooke Radtke Pace	4/21/20 1241

PACE Project No.
40200782

Receipt Temp = 0.1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / ~~Not Present~~
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: GEI Project # 4820860

All containers needing preservation have been checked and noted below: □Yes □No ☒N/A Initial when completed: Date/ Time:

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

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

4-21-2021

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

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

Sample Condition Upon Receipt Form (SCUR)

Project # WO# : 40206562

40206562

Client Name: GFL

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☒ Client ☐ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 98 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1.1 /Corr: 1.1

Person examining contents:

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Date: 4/21/20 /Initials: BR

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

Labeled By Initials: MP

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. 4-21-20 BR
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. no mail information, INVOICE information
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12. 4-21-20 BR
Trip Blank Present:	☒Yes ☐No ☐N/A	13. trip blank expired 07-19-18.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 401		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 01, 2020

Paul Killian
GEI Consultants
3159 Voyager Dr.
Green Bay, WI 54311

RE: Project: 2002226 Martinizing
Pace Project No.: 10518953

Dear Paul Killian:

Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

Ashley Williams
ashley.williams@pacelabs.com
(612)607-1700
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Pace Analytical Services Minneapolis

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
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
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 #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 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 #: CL101
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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 2002226 Martinizing
Pace Project No.: 10518953

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10518953001	**Taekwondo**	Air	05/20/20 15:56	05/22/20 08:30
10518953002	**EDW. Jones**	Air	05/20/20 16:17	05/22/20 08:30
10518953003	**Jim's Retail Area**	Air	05/20/20 15:39	05/22/20 08:30
10518953004	**Jim's Lesson Area**	Air	05/20/20 15:42	05/22/20 08:30
10518953005	**Jim's N Basement Office Area**	Air	05/20/20 15:47	05/22/20 08:30

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 2002226 Martinizing
Pace Project No.: 10518953

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10518953001	**Taekwondo**	TO-15	MJL	61	PASI-M
10518953002	**EDW. Jones**	TO-15	MJL	61	PASI-M
10518953003	**Jim's Retail Area**	TO-15	MJL	61	PASI-M
10518953004	**Jim's Lesson Area**	TO-15	MJL	61	PASI-M
10518953005	**Jim's N Basement Office Area**	TO-15	MG2	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Taekwondo **Lab ID: 10518953001** Collected: 05/20/20 15:56 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**18.8**	ug/m3	14.5	3.1	2.4		05/24/20 15:40	67-64-1	
Benzene	**0.51J**	ug/m3	0.78	0.31	2.4		05/24/20 15:40	71-43-2	
Benzyl chloride	**<1.1**	ug/m3	6.3	1.1	2.4		05/24/20 15:40	100-44-7	
Bromodichloromethane	**<0.42**	ug/m3	3.3	0.42	2.4		05/24/20 15:40	75-27-4	
Bromoform	**<4.3**	ug/m3	12.6	4.3	2.4		05/24/20 15:40	75-25-2	
Bromomethane	**<0.35**	ug/m3	1.9	0.35	2.4		05/24/20 15:40	74-83-9	
1,3-Butadiene	**<0.25**	ug/m3	1.1	0.25	2.4		05/24/20 15:40	106-99-0	
2-Butanone (MEK)	**4.8J**	ug/m3	7.2	1.3	2.4		05/24/20 15:40	78-93-3	
Carbon disulfide	**<0.26**	ug/m3	1.5	0.26	2.4		05/24/20 15:40	75-15-0	
Carbon tetrachloride	**<0.61**	ug/m3	3.1	0.61	2.4		05/24/20 15:40	56-23-5	
Chlorobenzene	**<0.32**	ug/m3	2.2	0.32	2.4		05/24/20 15:40	108-90-7	
Chloroethane	**<0.30**	ug/m3	1.3	0.30	2.4		05/24/20 15:40	75-00-3	
Chloroform	**1.1J**	ug/m3	1.2	0.32	2.4		05/24/20 15:40	67-66-3	
Chloromethane	**1.5**	ug/m3	1.0	0.16	2.4		05/24/20 15:40	74-87-3	
Cyclohexane	**<0.35**	ug/m3	4.2	0.35	2.4		05/24/20 15:40	110-82-7	
Dibromochloromethane	**<0.96**	ug/m3	4.2	0.96	2.4		05/24/20 15:40	124-48-1	
1,2-Dibromoethane (EDB)	**<0.66**	ug/m3	1.9	0.66	2.4		05/24/20 15:40	106-93-4	
1,2-Dichlorobenzene	**<0.76**	ug/m3	2.9	0.76	2.4		05/24/20 15:40	95-50-1	
1,3-Dichlorobenzene	**<1.1**	ug/m3	2.9	1.1	2.4		05/24/20 15:40	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/m3	7.3	1.8	2.4		05/24/20 15:40	106-46-7	
Dichlorodifluoromethane	**3.6**	ug/m3	2.4	0.41	2.4		05/24/20 15:40	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/m3	2.0	0.27	2.4		05/24/20 15:40	75-34-3	
1,2-Dichloroethane	**<0.41**	ug/m3	0.99	0.41	2.4		05/24/20 15:40	107-06-2	
1,1-Dichloroethene	**<0.29**	ug/m3	1.9	0.29	2.4		05/24/20 15:40	75-35-4	
cis-1,2-Dichloroethene	**<0.28**	ug/m3	1.9	0.28	2.4		05/24/20 15:40	156-59-2	
trans-1,2-Dichloroethene	**<0.40**	ug/m3	1.9	0.40	2.4		05/24/20 15:40	156-60-5	
1,2-Dichloropropane	**<0.48**	ug/m3	2.3	0.48	2.4		05/24/20 15:40	78-87-5	
cis-1,3-Dichloropropene	**<0.89**	ug/m3	2.2	0.89	2.4		05/24/20 15:40	10061-01-5	
trans-1,3-Dichloropropene	**<0.63**	ug/m3	2.2	0.63	2.4		05/24/20 15:40	10061-02-6	
Dichlorotetrafluoroethane	**<0.38**	ug/m3	3.4	0.38	2.4		05/24/20 15:40	76-14-2	
Ethanol	**302**	ug/m3	4.6	2.3	2.4		05/24/20 15:40	64-17-5	
Ethyl acetate	**<0.44**	ug/m3	1.8	0.44	2.4		05/24/20 15:40	141-78-6	
Ethylbenzene	**<0.33**	ug/m3	2.1	0.33	2.4		05/24/20 15:40	100-41-4	
4-Ethyltoluene	**<1.0**	ug/m3	6.0	1.0	2.4		05/24/20 15:40	622-96-8	
n-Heptane	**<0.47**	ug/m3	2.0	0.47	2.4		05/24/20 15:40	142-82-5	
Hexachloro-1,3-butadiene	**<3.0**	ug/m3	13.0	3.0	2.4		05/24/20 15:40	87-68-3	
n-Hexane	**1.0J**	ug/m3	1.7	0.48	2.4		05/24/20 15:40	110-54-3	
2-Hexanone	**<0.83**	ug/m3	10	0.83	2.4		05/24/20 15:40	591-78-6	
Methylene Chloride	**5.0J**	ug/m3	8.5	2.2	2.4		05/24/20 15:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/m3	10	0.42	2.4		05/24/20 15:40	108-10-1	
Methyl-tert-butyl ether	**<0.24**	ug/m3	8.8	0.24	2.4		05/24/20 15:40	1634-04-4	
Naphthalene	**<3.0**	ug/m3	6.4	3.0	2.4		05/24/20 15:40	91-20-3	
2-Propanol	**3.4J**	ug/m3	6.0	0.91	2.4		05/24/20 15:40	67-63-0	
Propylene	**<0.24**	ug/m3	0.84	0.24	2.4		05/24/20 15:40	115-07-1	
Styrene	**<1.0**	ug/m3	2.1	1.0	2.4		05/24/20 15:40	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Taekwondo **Lab ID: 10518953001** Collected: 05/20/20 15:56 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.74**	ug/m3	1.7	0.74	2.4		05/24/20 15:40	79-34-5	
Tetrachloroethene	**408**	ug/m3	1.7	0.64	2.4		05/24/20 15:40	127-18-4	
Tetrahydrofuran	**<0.44**	ug/m3	1.4	0.44	2.4		05/24/20 15:40	109-99-9	
Toluene	**1.4J**	ug/m3	1.8	0.41	2.4		05/24/20 15:40	108-88-3	
1,2,4-Trichlorobenzene	**<7.9**	ug/m3	18.1	7.9	2.4		05/24/20 15:40	120-82-1	
1,1,1-Trichloroethane	**<0.36**	ug/m3	2.7	0.36	2.4		05/24/20 15:40	71-55-6	
1,1,2-Trichloroethane	**<0.48**	ug/m3	1.3	0.48	2.4		05/24/20 15:40	79-00-5	
Trichloroethene	**<0.53**	ug/m3	1.3	0.53	2.4		05/24/20 15:40	79-01-6	
Trichlorofluoromethane	**2.1J**	ug/m3	2.7	0.55	2.4		05/24/20 15:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.91J**	ug/m3	3.7	0.62	2.4		05/24/20 15:40	76-13-1	
1,2,4-Trimethylbenzene	**1.2J**	ug/m3	2.4	0.75	2.4		05/24/20 15:40	95-63-6	
1,3,5-Trimethylbenzene	**0.77J**	ug/m3	2.4	0.60	2.4		05/24/20 15:40	108-67-8	
Vinyl acetate	**<0.42**	ug/m3	1.7	0.42	2.4		05/24/20 15:40	108-05-4	
Vinyl chloride	**<0.23**	ug/m3	0.62	0.23	2.4		05/24/20 15:40	75-01-4	
m&p-Xylene	**<0.81**	ug/m3	4.2	0.81	2.4		05/24/20 15:40	179601-23-1	
o-Xylene	**<0.36**	ug/m3	2.1	0.36	2.4		05/24/20 15:40	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: EDW. Jones **Lab ID: 10518953002** Collected: 05/20/20 16:17 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**112**	ug/m3	9.7	2.1	1.61		05/24/20 16:40	67-64-1	
Benzene	**0.35J**	ug/m3	0.52	0.21	1.61		05/24/20 16:40	71-43-2	
Benzyl chloride	**<0.76**	ug/m3	4.2	0.76	1.61		05/24/20 16:40	100-44-7	
Bromodichloromethane	**<0.28**	ug/m3	2.2	0.28	1.61		05/24/20 16:40	75-27-4	
Bromoform	**<2.9**	ug/m3	8.5	2.9	1.61		05/24/20 16:40	75-25-2	
Bromomethane	**<0.24**	ug/m3	1.3	0.24	1.61		05/24/20 16:40	74-83-9	
1,3-Butadiene	**<0.17**	ug/m3	0.72	0.17	1.61		05/24/20 16:40	106-99-0	
2-Butanone (MEK)	**5.7**	ug/m3	4.8	0.90	1.61		05/24/20 16:40	78-93-3	
Carbon disulfide	**<0.17**	ug/m3	1.0	0.17	1.61		05/24/20 16:40	75-15-0	
Carbon tetrachloride	**1.2J**	ug/m3	2.1	0.41	1.61		05/24/20 16:40	56-23-5	
Chlorobenzene	**<0.21**	ug/m3	1.5	0.21	1.61		05/24/20 16:40	108-90-7	
Chloroethane	**<0.20**	ug/m3	0.86	0.20	1.61		05/24/20 16:40	75-00-3	
Chloroform	**<0.21**	ug/m3	0.80	0.21	1.61		05/24/20 16:40	67-66-3	
Chloromethane	**1.4**	ug/m3	0.68	0.11	1.61		05/24/20 16:40	74-87-3	
Cyclohexane	**1.1J**	ug/m3	2.8	0.24	1.61		05/24/20 16:40	110-82-7	
Dibromochloromethane	**<0.65**	ug/m3	2.8	0.65	1.61		05/24/20 16:40	124-48-1	
1,2-Dibromoethane (EDB)	**<0.44**	ug/m3	1.3	0.44	1.61		05/24/20 16:40	106-93-4	
1,2-Dichlorobenzene	**<0.51**	ug/m3	2.0	0.51	1.61		05/24/20 16:40	95-50-1	
1,3-Dichlorobenzene	**<0.77**	ug/m3	2.0	0.77	1.61		05/24/20 16:40	541-73-1	
1,4-Dichlorobenzene	**<1.2**	ug/m3	4.9	1.2	1.61		05/24/20 16:40	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.6	0.27	1.61		05/24/20 16:40	75-71-8	
1,1-Dichloroethane	**<0.18**	ug/m3	1.3	0.18	1.61		05/24/20 16:40	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	0.66	0.27	1.61		05/24/20 16:40	107-06-2	
1,1-Dichloroethene	**<0.19**	ug/m3	1.3	0.19	1.61		05/24/20 16:40	75-35-4	
cis-1,2-Dichloroethene	**<0.19**	ug/m3	1.3	0.19	1.61		05/24/20 16:40	156-59-2	
trans-1,2-Dichloroethene	**<0.27**	ug/m3	1.3	0.27	1.61		05/24/20 16:40	156-60-5	
1,2-Dichloropropane	**<0.32**	ug/m3	1.5	0.32	1.61		05/24/20 16:40	78-87-5	
cis-1,3-Dichloropropene	**<0.60**	ug/m3	1.5	0.60	1.61		05/24/20 16:40	10061-01-5	
trans-1,3-Dichloropropene	**<0.42**	ug/m3	1.5	0.42	1.61		05/24/20 16:40	10061-02-6	
Dichlorotetrafluoroethane	**<0.25**	ug/m3	2.3	0.25	1.61		05/24/20 16:40	76-14-2	
Ethanol	**5950**	ug/m3	30.9	15.2	16.1		05/26/20 10:26	64-17-5	E
Ethyl acetate	**<0.30**	ug/m3	1.2	0.30	1.61		05/24/20 16:40	141-78-6	
Ethylbenzene	**0.41J**	ug/m3	1.4	0.22	1.61		05/24/20 16:40	100-41-4	
4-Ethyltoluene	**<0.69**	ug/m3	4.0	0.69	1.61		05/24/20 16:40	622-96-8	
n-Heptane	**<0.32**	ug/m3	1.3	0.32	1.61		05/24/20 16:40	142-82-5	
Hexachloro-1,3-butadiene	**<2.0**	ug/m3	8.7	2.0	1.61		05/24/20 16:40	87-68-3	
n-Hexane	**0.89J**	ug/m3	1.2	0.32	1.61		05/24/20 16:40	110-54-3	
2-Hexanone	**<0.56**	ug/m3	6.7	0.56	1.61		05/24/20 16:40	591-78-6	
Methylene Chloride	**2.7J**	ug/m3	5.7	1.5	1.61		05/24/20 16:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.28**	ug/m3	6.7	0.28	1.61		05/24/20 16:40	108-10-1	
Methyl-tert-butyl ether	**<0.16**	ug/m3	5.9	0.16	1.61		05/24/20 16:40	1634-04-4	
Naphthalene	**<2.0**	ug/m3	4.3	2.0	1.61		05/24/20 16:40	91-20-3	
2-Propanol	**<0.61**	ug/m3	4.0	0.61	1.61		05/24/20 16:40	67-63-0	
Propylene	**<0.16**	ug/m3	0.56	0.16	1.61		05/24/20 16:40	115-07-1	
Styrene	**0.98J**	ug/m3	1.4	0.69	1.61		05/24/20 16:40	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: EDW. Jones **Lab ID: 10518953002** Collected: 05/20/20 16:17 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.50**	ug/m3	1.1	0.50	1.61		05/24/20 16:40	79-34-5	
Tetrachloroethene	**422**	ug/m3	11.1	4.3	16.1		05/26/20 10:26	127-18-4	
Tetrahydrofuran	**0.88J**	ug/m3	0.97	0.29	1.61		05/24/20 16:40	109-99-9	
Toluene	**0.95J**	ug/m3	1.2	0.28	1.61		05/24/20 16:40	108-88-3	
1,2,4-Trichlorobenzene	**<5.3**	ug/m3	12.1	5.3	1.61		05/24/20 16:40	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/m3	1.8	0.24	1.61		05/24/20 16:40	71-55-6	
1,1,2-Trichloroethane	**<0.32**	ug/m3	0.89	0.32	1.61		05/24/20 16:40	79-00-5	
Trichloroethene	**<0.36**	ug/m3	0.88	0.36	1.61		05/24/20 16:40	79-01-6	
Trichlorofluoromethane	**1.6J**	ug/m3	1.8	0.37	1.61		05/24/20 16:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.64J**	ug/m3	2.5	0.41	1.61		05/24/20 16:40	76-13-1	
1,2,4-Trimethylbenzene	**1.0J**	ug/m3	1.6	0.50	1.61		05/24/20 16:40	95-63-6	
1,3,5-Trimethylbenzene	**1.3J**	ug/m3	1.6	0.40	1.61		05/24/20 16:40	108-67-8	
Vinyl acetate	**<0.28**	ug/m3	1.2	0.28	1.61		05/24/20 16:40	108-05-4	
Vinyl chloride	**<0.15**	ug/m3	0.42	0.15	1.61		05/24/20 16:40	75-01-4	
m&p-Xylene	**1.1J**	ug/m3	2.8	0.54	1.61		05/24/20 16:40	179601-23-1	
o-Xylene	**0.33J**	ug/m3	1.4	0.24	1.61		05/24/20 16:40	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Jim's Retail Area **Lab ID: 10518953003** Collected: 05/20/20 15:39 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**203**	ug/m3	9.7	2.1	1.61		05/24/20 17:39	67-64-1	
Benzene	**0.39J**	ug/m3	0.52	0.21	1.61		05/24/20 17:39	71-43-2	
Benzyl chloride	**<0.76**	ug/m3	4.2	0.76	1.61		05/24/20 17:39	100-44-7	
Bromodichloromethane	**<0.28**	ug/m3	2.2	0.28	1.61		05/24/20 17:39	75-27-4	
Bromoform	**<2.9**	ug/m3	8.5	2.9	1.61		05/24/20 17:39	75-25-2	
Bromomethane	**<0.24**	ug/m3	1.3	0.24	1.61		05/24/20 17:39	74-83-9	
1,3-Butadiene	**<0.17**	ug/m3	0.72	0.17	1.61		05/24/20 17:39	106-99-0	
2-Butanone (MEK)	**<0.90**	ug/m3	4.8	0.90	1.61		05/24/20 17:39	78-93-3	
Carbon disulfide	**<0.17**	ug/m3	1.0	0.17	1.61		05/24/20 17:39	75-15-0	
Carbon tetrachloride	**<0.41**	ug/m3	2.1	0.41	1.61		05/24/20 17:39	56-23-5	
Chlorobenzene	**<0.21**	ug/m3	1.5	0.21	1.61		05/24/20 17:39	108-90-7	
Chloroethane	**<0.20**	ug/m3	0.86	0.20	1.61		05/24/20 17:39	75-00-3	
Chloroform	**<0.21**	ug/m3	0.80	0.21	1.61		05/24/20 17:39	67-66-3	
Chloromethane	**1.7**	ug/m3	0.68	0.11	1.61		05/24/20 17:39	74-87-3	
Cyclohexane	**15.0**	ug/m3	2.8	0.24	1.61		05/24/20 17:39	110-82-7	
Dibromochloromethane	**<0.65**	ug/m3	2.8	0.65	1.61		05/24/20 17:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.44**	ug/m3	1.3	0.44	1.61		05/24/20 17:39	106-93-4	
1,2-Dichlorobenzene	**<0.51**	ug/m3	2.0	0.51	1.61		05/24/20 17:39	95-50-1	
1,3-Dichlorobenzene	**<0.77**	ug/m3	2.0	0.77	1.61		05/24/20 17:39	541-73-1	
1,4-Dichlorobenzene	**<1.2**	ug/m3	4.9	1.2	1.61		05/24/20 17:39	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.6	0.27	1.61		05/24/20 17:39	75-71-8	
1,1-Dichloroethane	**<0.18**	ug/m3	1.3	0.18	1.61		05/24/20 17:39	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	0.66	0.27	1.61		05/24/20 17:39	107-06-2	
1,1-Dichloroethene	**<0.19**	ug/m3	1.3	0.19	1.61		05/24/20 17:39	75-35-4	
cis-1,2-Dichloroethene	**<0.19**	ug/m3	1.3	0.19	1.61		05/24/20 17:39	156-59-2	
trans-1,2-Dichloroethene	**<0.27**	ug/m3	1.3	0.27	1.61		05/24/20 17:39	156-60-5	
1,2-Dichloropropane	**<0.32**	ug/m3	1.5	0.32	1.61		05/24/20 17:39	78-87-5	
cis-1,3-Dichloropropene	**<0.60**	ug/m3	1.5	0.60	1.61		05/24/20 17:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.42**	ug/m3	1.5	0.42	1.61		05/24/20 17:39	10061-02-6	
Dichlorotetrafluoroethane	**<0.25**	ug/m3	2.3	0.25	1.61		05/24/20 17:39	76-14-2	
Ethanol	**2140**	ug/m3	61.8	30.3	32.2		05/26/20 10:54	64-17-5	
Ethyl acetate	**4.8**	ug/m3	1.2	0.30	1.61		05/24/20 17:39	141-78-6	
Ethylbenzene	**7.3**	ug/m3	1.4	0.22	1.61		05/24/20 17:39	100-41-4	
4-Ethyltoluene	**4.7**	ug/m3	4.0	0.69	1.61		05/24/20 17:39	622-96-8	
n-Heptane	**6.1**	ug/m3	1.3	0.32	1.61		05/24/20 17:39	142-82-5	
Hexachloro-1,3-butadiene	**<2.0**	ug/m3	8.7	2.0	1.61		05/24/20 17:39	87-68-3	
n-Hexane	**158**	ug/m3	1.2	0.32	1.61		05/24/20 17:39	110-54-3	
2-Hexanone	**<0.56**	ug/m3	6.7	0.56	1.61		05/24/20 17:39	591-78-6	
Methylene Chloride	**3.9J**	ug/m3	5.7	1.5	1.61		05/24/20 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.7J**	ug/m3	6.7	0.28	1.61		05/24/20 17:39	108-10-1	
Methyl-tert-butyl ether	**<0.16**	ug/m3	5.9	0.16	1.61		05/24/20 17:39	1634-04-4	
Naphthalene	**<2.0**	ug/m3	4.3	2.0	1.61		05/24/20 17:39	91-20-3	
2-Propanol	**120**	ug/m3	4.0	0.61	1.61		05/24/20 17:39	67-63-0	
Propylene	**<0.16**	ug/m3	0.56	0.16	1.61		05/24/20 17:39	115-07-1	
Styrene	**3.1**	ug/m3	1.4	0.69	1.61		05/24/20 17:39	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Jim's Retail Area **Lab ID: 10518953003** Collected: 05/20/20 15:39 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.50**	ug/m3	1.1	0.50	1.61		05/24/20 17:39	79-34-5	
Tetrachloroethene	**940**	ug/m3	22.2	8.6	32.2		05/26/20 10:54	127-18-4	
Tetrahydrofuran	**4.7**	ug/m3	0.97	0.29	1.61		05/24/20 17:39	109-99-9	
Toluene	**7.8**	ug/m3	1.2	0.28	1.61		05/24/20 17:39	108-88-3	
1,2,4-Trichlorobenzene	**<5.3**	ug/m3	12.1	5.3	1.61		05/24/20 17:39	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/m3	1.8	0.24	1.61		05/24/20 17:39	71-55-6	
1,1,2-Trichloroethane	**<0.32**	ug/m3	0.89	0.32	1.61		05/24/20 17:39	79-00-5	
Trichloroethene	**1.4**	ug/m3	0.88	0.36	1.61		05/24/20 17:39	79-01-6	
Trichlorofluoromethane	**1.7J**	ug/m3	1.8	0.37	1.61		05/24/20 17:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.65J**	ug/m3	2.5	0.41	1.61		05/24/20 17:39	76-13-1	
1,2,4-Trimethylbenzene	**14.9**	ug/m3	1.6	0.50	1.61		05/24/20 17:39	95-63-6	
1,3,5-Trimethylbenzene	**5.9**	ug/m3	1.6	0.40	1.61		05/24/20 17:39	108-67-8	
Vinyl acetate	**<0.28**	ug/m3	1.2	0.28	1.61		05/24/20 17:39	108-05-4	
Vinyl chloride	**<0.15**	ug/m3	0.42	0.15	1.61		05/24/20 17:39	75-01-4	
m&p-Xylene	**29.7**	ug/m3	2.8	0.54	1.61		05/24/20 17:39	179601-23-1	
o-Xylene	**10.4**	ug/m3	1.4	0.24	1.61		05/24/20 17:39	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Jim's Lesson Area **Lab ID: 10518953004** Collected: 05/20/20 15:42 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**145**	ug/m3	9.0	1.9	1.49		05/24/20 18:08	67-64-1	
Benzene	**0.33J**	ug/m3	0.48	0.19	1.49		05/24/20 18:08	71-43-2	
Benzyl chloride	**<0.70**	ug/m3	3.9	0.70	1.49		05/24/20 18:08	100-44-7	
Bromodichloromethane	**<0.26**	ug/m3	2.0	0.26	1.49		05/24/20 18:08	75-27-4	
Bromoform	**<2.7**	ug/m3	7.8	2.7	1.49		05/24/20 18:08	75-25-2	
Bromomethane	**<0.22**	ug/m3	1.2	0.22	1.49		05/24/20 18:08	74-83-9	
1,3-Butadiene	**<0.15**	ug/m3	0.67	0.15	1.49		05/24/20 18:08	106-99-0	
2-Butanone (MEK)	**17.7**	ug/m3	4.5	0.83	1.49		05/24/20 18:08	78-93-3	
Carbon disulfide	**<0.16**	ug/m3	0.94	0.16	1.49		05/24/20 18:08	75-15-0	
Carbon tetrachloride	**<0.38**	ug/m3	1.9	0.38	1.49		05/24/20 18:08	56-23-5	
Chlorobenzene	**<0.20**	ug/m3	1.4	0.20	1.49		05/24/20 18:08	108-90-7	
Chloroethane	**<0.19**	ug/m3	0.80	0.19	1.49		05/24/20 18:08	75-00-3	
Chloroform	**<0.20**	ug/m3	0.74	0.20	1.49		05/24/20 18:08	67-66-3	
Chloromethane	**2.4**	ug/m3	0.63	0.098	1.49		05/24/20 18:08	74-87-3	
Cyclohexane	**1.9J**	ug/m3	2.6	0.22	1.49		05/24/20 18:08	110-82-7	
Dibromochloromethane	**<0.60**	ug/m3	2.6	0.60	1.49		05/24/20 18:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.41**	ug/m3	1.2	0.41	1.49		05/24/20 18:08	106-93-4	
1,2-Dichlorobenzene	**<0.47**	ug/m3	1.8	0.47	1.49		05/24/20 18:08	95-50-1	
1,3-Dichlorobenzene	**<0.71**	ug/m3	1.8	0.71	1.49		05/24/20 18:08	541-73-1	
1,4-Dichlorobenzene	**<1.1**	ug/m3	4.6	1.1	1.49		05/24/20 18:08	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.5	0.25	1.49		05/24/20 18:08	75-71-8	
1,1-Dichloroethane	**0.49J**	ug/m3	1.2	0.17	1.49		05/24/20 18:08	75-34-3	
1,2-Dichloroethane	**<0.25**	ug/m3	0.61	0.25	1.49		05/24/20 18:08	107-06-2	
1,1-Dichloroethene	**<0.18**	ug/m3	1.2	0.18	1.49		05/24/20 18:08	75-35-4	
cis-1,2-Dichloroethene	**<0.17**	ug/m3	1.2	0.17	1.49		05/24/20 18:08	156-59-2	
trans-1,2-Dichloroethene	**<0.25**	ug/m3	1.2	0.25	1.49		05/24/20 18:08	156-60-5	
1,2-Dichloropropane	**<0.30**	ug/m3	1.4	0.30	1.49		05/24/20 18:08	78-87-5	
cis-1,3-Dichloropropene	**<0.55**	ug/m3	1.4	0.55	1.49		05/24/20 18:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.39**	ug/m3	1.4	0.39	1.49		05/24/20 18:08	10061-02-6	
Dichlorotetrafluoroethane	**<0.24**	ug/m3	2.1	0.24	1.49		05/24/20 18:08	76-14-2	
Ethanol	**198**	ug/m3	2.9	1.4	1.49		05/24/20 18:08	64-17-5	
Ethyl acetate	**2.1**	ug/m3	1.1	0.27	1.49		05/24/20 18:08	141-78-6	
Ethylbenzene	**2.8**	ug/m3	1.3	0.21	1.49		05/24/20 18:08	100-41-4	
4-Ethyltoluene	**4.8**	ug/m3	3.7	0.64	1.49		05/24/20 18:08	622-96-8	
n-Heptane	**1.4**	ug/m3	1.2	0.29	1.49		05/24/20 18:08	142-82-5	
Hexachloro-1,3-butadiene	**<1.9**	ug/m3	8.1	1.9	1.49		05/24/20 18:08	87-68-3	
n-Hexane	**20.8**	ug/m3	1.1	0.30	1.49		05/24/20 18:08	110-54-3	
2-Hexanone	**<0.51**	ug/m3	6.2	0.51	1.49		05/24/20 18:08	591-78-6	
Methylene Chloride	**42.0**	ug/m3	5.3	1.4	1.49		05/24/20 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.61J**	ug/m3	6.2	0.26	1.49		05/24/20 18:08	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	5.5	0.15	1.49		05/24/20 18:08	1634-04-4	
Naphthalene	**<1.9**	ug/m3	4.0	1.9	1.49		05/24/20 18:08	91-20-3	
2-Propanol	**22.7**	ug/m3	3.7	0.56	1.49		05/24/20 18:08	67-63-0	
Propylene	**<0.15**	ug/m3	0.52	0.15	1.49		05/24/20 18:08	115-07-1	
Styrene	**1.1J**	ug/m3	1.3	0.64	1.49		05/24/20 18:08	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Jim's Lesson Area **Lab ID: 10518953004** Collected: 05/20/20 15:42 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.46**	ug/m3	1.0	0.46	1.49		05/24/20 18:08	79-34-5	
Tetrachloroethene	**4390**	ug/m3	30.8	12.0	44.7		05/26/20 11:22	127-18-4	
Tetrahydrofuran	**6.3**	ug/m3	0.89	0.27	1.49		05/24/20 18:08	109-99-9	
Toluene	**2.7**	ug/m3	1.1	0.25	1.49		05/24/20 18:08	108-88-3	
1,2,4-Trichlorobenzene	**<4.9**	ug/m3	11.2	4.9	1.49		05/24/20 18:08	120-82-1	
1,1,1-Trichloroethane	**0.38J**	ug/m3	1.7	0.23	1.49		05/24/20 18:08	71-55-6	
1,1,2-Trichloroethane	**<0.30**	ug/m3	0.83	0.30	1.49		05/24/20 18:08	79-00-5	
Trichloroethene	**1.1**	ug/m3	0.81	0.33	1.49		05/24/20 18:08	79-01-6	
Trichlorofluoromethane	**1.7J**	ug/m3	1.7	0.34	1.49		05/24/20 18:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.63J**	ug/m3	2.3	0.38	1.49		05/24/20 18:08	76-13-1	
1,2,4-Trimethylbenzene	**14.4**	ug/m3	1.5	0.46	1.49		05/24/20 18:08	95-63-6	
1,3,5-Trimethylbenzene	**5.5**	ug/m3	1.5	0.37	1.49		05/24/20 18:08	108-67-8	
Vinyl acetate	**<0.26**	ug/m3	1.1	0.26	1.49		05/24/20 18:08	108-05-4	
Vinyl chloride	**<0.14**	ug/m3	0.39	0.14	1.49		05/24/20 18:08	75-01-4	
m&p-Xylene	**12.1**	ug/m3	2.6	0.50	1.49		05/24/20 18:08	179601-23-1	
o-Xylene	**4.1**	ug/m3	1.3	0.22	1.49		05/24/20 18:08	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Jim's N Basement Office Area **Lab ID: 10518953005** Collected: 05/20/20 15:47 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**259**	ug/m3	8.8	1.9	1.46		05/26/20 20:30	67-64-1	
Benzene	**0.34J**	ug/m3	0.47	0.19	1.46		05/26/20 20:30	71-43-2	
Benzyl chloride	**<0.69**	ug/m3	3.8	0.69	1.46		05/26/20 20:30	100-44-7	
Bromodichloromethane	**<0.26**	ug/m3	2.0	0.26	1.46		05/26/20 20:30	75-27-4	
Bromoform	**<2.6**	ug/m3	7.7	2.6	1.46		05/26/20 20:30	75-25-2	
Bromomethane	**<0.21**	ug/m3	1.2	0.21	1.46		05/26/20 20:30	74-83-9	
1,3-Butadiene	**<0.15**	ug/m3	0.66	0.15	1.46		05/26/20 20:30	106-99-0	
2-Butanone (MEK)	**58.8**	ug/m3	4.4	0.82	1.46		05/26/20 20:30	78-93-3	
Carbon disulfide	**0.18J**	ug/m3	0.92	0.16	1.46		05/26/20 20:30	75-15-0	
Carbon tetrachloride	**0.40J**	ug/m3	1.9	0.37	1.46		05/26/20 20:30	56-23-5	
Chlorobenzene	**<0.19**	ug/m3	1.4	0.19	1.46		05/26/20 20:30	108-90-7	
Chloroethane	**<0.18**	ug/m3	0.78	0.18	1.46		05/26/20 20:30	75-00-3	
Chloroform	**<0.19**	ug/m3	0.72	0.19	1.46		05/26/20 20:30	67-66-3	
Chloromethane	**1.6**	ug/m3	0.61	0.096	1.46		05/26/20 20:30	74-87-3	
Cyclohexane	**7.6**	ug/m3	2.6	0.21	1.46		05/26/20 20:30	110-82-7	
Dibromochloromethane	**<0.59**	ug/m3	2.5	0.59	1.46		05/26/20 20:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.40**	ug/m3	1.1	0.40	1.46		05/26/20 20:30	106-93-4	
1,2-Dichlorobenzene	**<0.46**	ug/m3	1.8	0.46	1.46		05/26/20 20:30	95-50-1	
1,3-Dichlorobenzene	**<0.70**	ug/m3	1.8	0.70	1.46		05/26/20 20:30	541-73-1	
1,4-Dichlorobenzene	**<1.1**	ug/m3	4.5	1.1	1.46		05/26/20 20:30	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.5	0.25	1.46		05/26/20 20:30	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/m3	1.2	0.16	1.46		05/26/20 20:30	75-34-3	
1,2-Dichloroethane	**<0.25**	ug/m3	0.60	0.25	1.46		05/26/20 20:30	107-06-2	
1,1-Dichloroethene	**<0.17**	ug/m3	1.2	0.17	1.46		05/26/20 20:30	75-35-4	
cis-1,2-Dichloroethene	**<0.17**	ug/m3	1.2	0.17	1.46		05/26/20 20:30	156-59-2	
trans-1,2-Dichloroethene	**0.52J**	ug/m3	1.2	0.24	1.46		05/26/20 20:30	156-60-5	
1,2-Dichloropropane	**<0.29**	ug/m3	1.4	0.29	1.46		05/26/20 20:30	78-87-5	
cis-1,3-Dichloropropene	**<0.54**	ug/m3	1.3	0.54	1.46		05/26/20 20:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.38**	ug/m3	1.3	0.38	1.46		05/26/20 20:30	10061-02-6	
Dichlorotetrafluoroethane	**<0.23**	ug/m3	2.1	0.23	1.46		05/26/20 20:30	76-14-2	
Ethanol	**798**	ug/m3	56.1	27.5	29.2		05/27/20 10:59	64-17-5	
Ethyl acetate	**4.0**	ug/m3	1.1	0.27	1.46		05/26/20 20:30	141-78-6	
Ethylbenzene	**8.3**	ug/m3	1.3	0.20	1.46		05/26/20 20:30	100-41-4	
4-Ethyltoluene	**4.7**	ug/m3	3.6	0.62	1.46		05/26/20 20:30	622-96-8	
n-Heptane	**5.5**	ug/m3	1.2	0.29	1.46		05/26/20 20:30	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	7.9	1.8	1.46		05/26/20 20:30	87-68-3	
n-Hexane	**95.6**	ug/m3	1.0	0.29	1.46		05/26/20 20:30	110-54-3	
2-Hexanone	**<0.50**	ug/m3	6.1	0.50	1.46		05/26/20 20:30	591-78-6	
Methylene Chloride	**3.1J**	ug/m3	5.2	1.4	1.46		05/26/20 20:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.3J**	ug/m3	6.1	0.26	1.46		05/26/20 20:30	108-10-1	
Methyl-tert-butyl ether	**<0.15**	ug/m3	5.3	0.15	1.46		05/26/20 20:30	1634-04-4	
Naphthalene	**<1.9**	ug/m3	3.9	1.9	1.46		05/26/20 20:30	91-20-3	
2-Propanol	**67.8**	ug/m3	3.6	0.55	1.46		05/26/20 20:30	67-63-0	
Propylene	**<0.14**	ug/m3	0.51	0.14	1.46		05/26/20 20:30	115-07-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 2002226 Martinizing
Pace Project No.: 10518953

Sample: Jim's N Basement Office Area **Lab ID: 10518953005** Collected: 05/20/20 15:47 Received: 05/22/20 08:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Styrene	**3.7**	ug/m3	1.3	0.62	1.46		05/26/20 20:30	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.45**	ug/m3	1.0	0.45	1.46		05/26/20 20:30	79-34-5	
Tetrachloroethene	**861**	ug/m3	20.1	7.8	29.2		05/27/20 10:59	127-18-4	
Tetrahydrofuran	**20.3**	ug/m3	0.88	0.27	1.46		05/26/20 20:30	109-99-9	
Toluene	**10.9**	ug/m3	1.1	0.25	1.46		05/26/20 20:30	108-88-3	
1,2,4-Trichlorobenzene	**<4.8**	ug/m3	11.0	4.8	1.46		05/26/20 20:30	120-82-1	
1,1,1-Trichloroethane	**<0.22**	ug/m3	1.6	0.22	1.46		05/26/20 20:30	71-55-6	
1,1,2-Trichloroethane	**<0.29**	ug/m3	0.81	0.29	1.46		05/26/20 20:30	79-00-5	
Trichloroethene	**0.77J**	ug/m3	0.80	0.32	1.46		05/26/20 20:30	79-01-6	
Trichlorofluoromethane	**1.4J**	ug/m3	1.7	0.34	1.46		05/26/20 20:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.47J**	ug/m3	2.3	0.38	1.46		05/26/20 20:30	76-13-1	
1,2,4-Trimethylbenzene	**14.8**	ug/m3	1.5	0.46	1.46		05/26/20 20:30	95-63-6	
1,3,5-Trimethylbenzene	**5.2**	ug/m3	1.5	0.36	1.46		05/26/20 20:30	108-67-8	
Vinyl acetate	**<0.26**	ug/m3	1.0	0.26	1.46		05/26/20 20:30	108-05-4	
Vinyl chloride	**<0.14**	ug/m3	0.38	0.14	1.46		05/26/20 20:30	75-01-4	
m&p-Xylene	**32.2**	ug/m3	2.6	0.49	1.46		05/26/20 20:30	179601-23-1	
o-Xylene	**10.5**	ug/m3	1.3	0.22	1.46		05/26/20 20:30	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

QC Batch: 677127
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10518953001, 10518953002, 10518953003, 10518953004

METHOD BLANK: 3625027 Matrix: Air
Associated Lab Samples: 10518953001, 10518953002, 10518953003, 10518953004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.076	0.56	05/24/20 12:02	
1,1,2,2-Tetrachloroethane	ug/m3	<0.15	0.35	05/24/20 12:02	
1,1,2-Trichloroethane	ug/m3	<0.099	0.28	05/24/20 12:02	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.13	0.78	05/24/20 12:02	
1,1-Dichloroethane	ug/m3	<0.056	0.41	05/24/20 12:02	
1,1-Dichloroethene	ug/m3	<0.060	0.40	05/24/20 12:02	
1,2,4-Trichlorobenzene	ug/m3	<1.7	3.8	05/24/20 12:02	
1,2,4-Trimethylbenzene	ug/m3	<0.16	0.50	05/24/20 12:02	
1,2-Dibromoethane (EDB)	ug/m3	<0.14	0.39	05/24/20 12:02	
1,2-Dichlorobenzene	ug/m3	<0.16	0.61	05/24/20 12:02	
1,2-Dichloroethane	ug/m3	<0.084	0.21	05/24/20 12:02	
1,2-Dichloropropane	ug/m3	<0.10	0.47	05/24/20 12:02	
1,3,5-Trimethylbenzene	ug/m3	<0.12	0.50	05/24/20 12:02	
1,3-Butadiene	ug/m3	<0.052	0.22	05/24/20 12:02	
1,3-Dichlorobenzene	ug/m3	<0.24	0.61	05/24/20 12:02	
1,4-Dichlorobenzene	ug/m3	<0.37	1.5	05/24/20 12:02	
2-Butanone (MEK)	ug/m3	<0.28	1.5	05/24/20 12:02	
2-Hexanone	ug/m3	<0.17	2.1	05/24/20 12:02	
2-Propanol	ug/m3	<0.19	1.2	05/24/20 12:02	
4-Ethyltoluene	ug/m3	<0.21	1.2	05/24/20 12:02	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.088	2.1	05/24/20 12:02	
Acetone	ug/m3	<0.64	3.0	05/24/20 12:02	
Benzene	ug/m3	<0.065	0.16	05/24/20 12:02	
Benzyl chloride	ug/m3	<0.24	1.3	05/24/20 12:02	
Bromodichloromethane	ug/m3	<0.088	0.68	05/24/20 12:02	
Bromoform	ug/m3	<0.90	2.6	05/24/20 12:02	
Bromomethane	ug/m3	<0.073	0.39	05/24/20 12:02	
Carbon disulfide	ug/m3	<0.054	0.32	05/24/20 12:02	
Carbon tetrachloride	ug/m3	0.21J	0.64	05/24/20 12:02	
Chlorobenzene	ug/m3	<0.066	0.47	05/24/20 12:02	
Chloroethane	ug/m3	<0.063	0.27	05/24/20 12:02	
Chloroform	ug/m3	<0.066	0.25	05/24/20 12:02	
Chloromethane	ug/m3	<0.033	0.21	05/24/20 12:02	
cis-1,2-Dichloroethene	ug/m3	<0.058	0.40	05/24/20 12:02	
cis-1,3-Dichloropropene	ug/m3	<0.19	0.46	05/24/20 12:02	
Cyclohexane	ug/m3	<0.073	0.88	05/24/20 12:02	
Dibromochloromethane	ug/m3	<0.20	0.86	05/24/20 12:02	
Dichlorodifluoromethane	ug/m3	<0.084	0.50	05/24/20 12:02	
Dichlorotetrafluoroethane	ug/m3	<0.079	0.71	05/24/20 12:02	
Ethanol	ug/m3	<0.47	0.96	05/24/20 12:02	

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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

METHOD BLANK: 3625027 Matrix: Air
Associated Lab Samples: 10518953001, 10518953002, 10518953003, 10518953004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.092	0.37	05/24/20 12:02	
Ethylbenzene	ug/m3	<0.069	0.44	05/24/20 12:02	
Hexachloro-1,3-butadiene	ug/m3	<0.62	2.7	05/24/20 12:02	
m&p-Xylene	ug/m3	<0.17	0.88	05/24/20 12:02	
Methyl-tert-butyl ether	ug/m3	<0.050	1.8	05/24/20 12:02	
Methylene Chloride	ug/m3	<0.46	1.8	05/24/20 12:02	
n-Heptane	ug/m3	<0.098	0.42	05/24/20 12:02	
n-Hexane	ug/m3	<0.10	0.36	05/24/20 12:02	
Naphthalene	ug/m3	<0.64	1.3	05/24/20 12:02	
o-Xylene	ug/m3	<0.074	0.44	05/24/20 12:02	
Propylene	ug/m3	<0.049	0.18	05/24/20 12:02	
Styrene	ug/m3	<0.21	0.43	05/24/20 12:02	
Tetrachloroethene	ug/m3	<0.13	0.34	05/24/20 12:02	
Tetrahydrofuran	ug/m3	<0.092	0.30	05/24/20 12:02	
Toluene	ug/m3	<0.086	0.38	05/24/20 12:02	
trans-1,2-Dichloroethene	ug/m3	0.13J	0.40	05/24/20 12:02	
trans-1,3-Dichloropropene	ug/m3	<0.13	0.46	05/24/20 12:02	
Trichloroethene	ug/m3	<0.11	0.27	05/24/20 12:02	
Trichlorofluoromethane	ug/m3	<0.12	0.57	05/24/20 12:02	
Vinyl acetate	ug/m3	<0.088	0.36	05/24/20 12:02	
Vinyl chloride	ug/m3	<0.048	0.13	05/24/20 12:02	

LABORATORY CONTROL SAMPLE: 3625028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	63.1	111	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	75.7	105	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	62.8	110	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	98.5	123	70-130	
1,1-Dichloroethane	ug/m3	42.7	46.3	109	70-130	
1,1-Dichloroethene	ug/m3	41.4	49.6	120	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	152	98	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	52.6	102	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	90.6	113	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	65.4	104	70-136	
1,2-Dichloroethane	ug/m3	42.4	48.2	114	70-130	
1,2-Dichloropropane	ug/m3	48.6	51.1	105	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	51.9	101	70-136	
1,3-Butadiene	ug/m3	23.3	29.3	126	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	67.6	107	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	68.0	107	70-145	
2-Butanone (MEK)	ug/m3	31.4	29.4	94	61-130	
2-Hexanone	ug/m3	42.8	51.5	120	70-138	
2-Propanol	ug/m3	119	137	115	70-136	

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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

LABORATORY CONTROL SAMPLE: 3625028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	55.1	105	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	48.6	111	70-134	
Acetone	ug/m3	126	121	96	59-137	
Benzene	ug/m3	33.5	35.3	105	70-133	
Benzyl chloride	ug/m3	55.1	67.8	123	70-139	
Bromodichloromethane	ug/m3	71.5	81.2	114	70-130	
Bromoform	ug/m3	110	141	128	60-140	
Bromomethane	ug/m3	41.3	50.4	122	70-131	
Carbon disulfide	ug/m3	33.3	36.3	109	70-130	
Carbon tetrachloride	ug/m3	66.2	77.0	116	70-133	
Chlorobenzene	ug/m3	48.3	51.3	106	70-131	
Chloroethane	ug/m3	28.1	37.2	132	70-141	CH
Chloroform	ug/m3	51.1	55.6	109	70-130	
Chloromethane	ug/m3	21.9	25.1	115	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	45.2	109	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	54.6	114	70-138	
Cyclohexane	ug/m3	36.7	38.3	104	70-133	
Dibromochloromethane	ug/m3	90.7	108	119	70-139	
Dichlorodifluoromethane	ug/m3	51.6	54.9	107	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	86.9	120	65-133	
Ethanol	ug/m3	103	125	121	65-135	
Ethyl acetate	ug/m3	38.6	42.8	111	70-135	
Ethylbenzene	ug/m3	45.6	47.9	105	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	94.7	85	70-134	
m&p-Xylene	ug/m3	91.2	96.3	106	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	42.2	110	70-131	
Methylene Chloride	ug/m3	182	171	94	69-130	
n-Heptane	ug/m3	43.6	45.2	104	70-130	
n-Hexane	ug/m3	37.6	39.6	105	70-131	
Naphthalene	ug/m3	57.7	53.5	93	63-130	
o-Xylene	ug/m3	45.5	46.3	102	70-135	
Propylene	ug/m3	18.2	19.5	108	63-139	
Styrene	ug/m3	44.9	51.5	115	70-143	
Tetrachloroethene	ug/m3	71	74.7	105	70-136	
Tetrahydrofuran	ug/m3	31.5	36.5	116	70-137	
Toluene	ug/m3	39.5	42.2	107	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	45.7	108	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	55.5	116	70-139	
Trichloroethene	ug/m3	56.3	60.8	108	70-132	
Trichlorofluoromethane	ug/m3	59.7	71.0	119	65-136	
Vinyl acetate	ug/m3	34.5	40.0	116	66-140	
Vinyl chloride	ug/m3	26.7	32.9	123	68-141	

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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

SAMPLE DUPLICATE: 3625393

Parameter	Units	10518953001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.36	<0.36		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.74	<0.74		25	
1,1,2-Trichloroethane	ug/m3	<0.48	<0.48		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.91J	0.74J		25	
1,1-Dichloroethane	ug/m3	<0.27	<0.27		25	
1,1-Dichloroethene	ug/m3	<0.29	<0.29		25	
1,2,4-Trichlorobenzene	ug/m3	<7.9	<7.9		25	
1,2,4-Trimethylbenzene	ug/m3	1.2J	1.1J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.66	<0.66		25	
1,2-Dichlorobenzene	ug/m3	<0.76	<0.76		25	
1,2-Dichloroethane	ug/m3	<0.41	<0.41		25	
1,2-Dichloropropane	ug/m3	<0.48	<0.48		25	
1,3,5-Trimethylbenzene	ug/m3	0.77J	<0.60		25	
1,3-Butadiene	ug/m3	<0.25	<0.25		25	
1,3-Dichlorobenzene	ug/m3	<1.1	<1.1		25	
1,4-Dichlorobenzene	ug/m3	<1.8	<1.8		25	
2-Butanone (MEK)	ug/m3	4.8J	4.8J		25	
2-Hexanone	ug/m3	<0.83	<0.83		25	
2-Propanol	ug/m3	3.4J	4.8J		25	
4-Ethyltoluene	ug/m3	<1.0	<1.0		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.42	<0.42		25	
Acetone	ug/m3	18.8	18.1	4	25	
Benzene	ug/m3	0.51J	0.49J		25	
Benzyl chloride	ug/m3	<1.1	<1.1		25	
Bromodichloromethane	ug/m3	<0.42	<0.42		25	
Bromoform	ug/m3	<4.3	<4.3		25	
Bromomethane	ug/m3	<0.35	<0.35		25	
Carbon disulfide	ug/m3	<0.26	<0.26		25	
Carbon tetrachloride	ug/m3	<0.61	<0.61		25	
Chlorobenzene	ug/m3	<0.32	<0.32		25	
Chloroethane	ug/m3	<0.30	<0.30		25	
Chloroform	ug/m3	1.1J	0.95J		25	
Chloromethane	ug/m3	1.5	1.4	6	25	
cis-1,2-Dichloroethene	ug/m3	<0.28	<0.28		25	
cis-1,3-Dichloropropene	ug/m3	<0.89	<0.89		25	
Cyclohexane	ug/m3	<0.35	0.69J		25	
Dibromochloromethane	ug/m3	<0.96	<0.96		25	
Dichlorodifluoromethane	ug/m3	3.6	3.4	7	25	
Dichlorotetrafluoroethane	ug/m3	<0.38	<0.38		25	
Ethanol	ug/m3	302	298	2	25	
Ethyl acetate	ug/m3	<0.44	<0.44		25	
Ethylbenzene	ug/m3	<0.33	<0.33		25	
Hexachloro-1,3-butadiene	ug/m3	<3.0	<3.0		25	
m&p-Xylene	ug/m3	<0.81	<0.81		25	
Methyl-tert-butyl ether	ug/m3	<0.24	<0.24		25	
Methylene Chloride	ug/m3	5.0J	5.3J		25	
n-Heptane	ug/m3	<0.47	<0.47		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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

SAMPLE DUPLICATE: 3625393

Parameter	Units	10518953001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.0J	1.1J		25	
Naphthalene	ug/m3	<3.0	<3.0		25	
o-Xylene	ug/m3	<0.36	<0.36		25	
Propylene	ug/m3	<0.24	<0.24		25	
Styrene	ug/m3	<1.0	<1.0		25	
Tetrachloroethene	ug/m3	408	391	4	25	
Tetrahydrofuran	ug/m3	<0.44	<0.44		25	
Toluene	ug/m3	1.4J	1.4J		25	
trans-1,2-Dichloroethene	ug/m3	<0.40	0.64J		25	
trans-1,3-Dichloropropene	ug/m3	<0.63	<0.63		25	
Trichloroethene	ug/m3	<0.53	<0.53		25	
Trichlorofluoromethane	ug/m3	2.1J	2.1J		25	
Vinyl acetate	ug/m3	<0.42	<0.42		25	
Vinyl chloride	ug/m3	<0.23	<0.23		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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

QC Batch: 677342
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10518953005

METHOD BLANK: 3625649 Matrix: Air
Associated Lab Samples: 10518953005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.15	1.1	05/26/20 12:01	
1,1,2,2-Tetrachloroethane	ug/m3	<0.31	0.70	05/26/20 12:01	
1,1,2-Trichloroethane	ug/m3	<0.20	0.56	05/26/20 12:01	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.26	1.6	05/26/20 12:01	
1,1-Dichloroethane	ug/m3	<0.11	0.82	05/26/20 12:01	
1,1-Dichloroethene	ug/m3	<0.12	0.81	05/26/20 12:01	
1,2,4-Trichlorobenzene	ug/m3	<3.3	7.5	05/26/20 12:01	
1,2,4-Trimethylbenzene	ug/m3	<0.31	1.0	05/26/20 12:01	
1,2-Dibromoethane (EDB)	ug/m3	<0.28	0.78	05/26/20 12:01	
1,2-Dichlorobenzene	ug/m3	<0.32	1.2	05/26/20 12:01	
1,2-Dichloroethane	ug/m3	<0.17	0.41	05/26/20 12:01	
1,2-Dichloropropane	ug/m3	<0.20	0.94	05/26/20 12:01	
1,3,5-Trimethylbenzene	ug/m3	<0.25	1.0	05/26/20 12:01	
1,3-Butadiene	ug/m3	<0.10	0.45	05/26/20 12:01	
1,3-Dichlorobenzene	ug/m3	<0.48	1.2	05/26/20 12:01	
1,4-Dichlorobenzene	ug/m3	<0.74	3.1	05/26/20 12:01	
2-Butanone (MEK)	ug/m3	<0.56	3.0	05/26/20 12:01	
2-Hexanone	ug/m3	<0.34	4.2	05/26/20 12:01	
2-Propanol	ug/m3	<0.38	2.5	05/26/20 12:01	
4-Ethyltoluene	ug/m3	<0.43	2.5	05/26/20 12:01	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.18	4.2	05/26/20 12:01	
Acetone	ug/m3	<1.3	6.0	05/26/20 12:01	
Benzene	ug/m3	<0.13	0.32	05/26/20 12:01	
Benzyl chloride	ug/m3	<0.47	2.6	05/26/20 12:01	
Bromodichloromethane	ug/m3	<0.18	1.4	05/26/20 12:01	
Bromoform	ug/m3	<1.8	5.2	05/26/20 12:01	
Bromomethane	ug/m3	<0.15	0.79	05/26/20 12:01	
Carbon disulfide	ug/m3	<0.11	0.63	05/26/20 12:01	
Carbon tetrachloride	ug/m3	<0.26	1.3	05/26/20 12:01	
Chlorobenzene	ug/m3	<0.13	0.94	05/26/20 12:01	
Chloroethane	ug/m3	<0.13	0.54	05/26/20 12:01	
Chloroform	ug/m3	<0.13	0.50	05/26/20 12:01	
Chloromethane	ug/m3	<0.066	0.42	05/26/20 12:01	
cis-1,2-Dichloroethene	ug/m3	<0.12	0.81	05/26/20 12:01	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	05/26/20 12:01	
Cyclohexane	ug/m3	<0.15	1.8	05/26/20 12:01	
Dibromochloromethane	ug/m3	<0.40	1.7	05/26/20 12:01	
Dichlorodifluoromethane	ug/m3	<0.17	1.0	05/26/20 12:01	
Dichlorotetrafluoroethane	ug/m3	<0.16	1.4	05/26/20 12:01	
Ethanol	ug/m3	<0.94	1.9	05/26/20 12:01	

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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

METHOD BLANK: 3625649 Matrix: Air
Associated Lab Samples: 10518953005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.18	0.73	05/26/20 12:01	
Ethylbenzene	ug/m3	<0.14	0.88	05/26/20 12:01	
Hexachloro-1,3-butadiene	ug/m3	<1.2	5.4	05/26/20 12:01	
m&p-Xylene	ug/m3	<0.34	1.8	05/26/20 12:01	
Methyl-tert-butyl ether	ug/m3	<0.10	3.7	05/26/20 12:01	
Methylene Chloride	ug/m3	<0.93	3.5	05/26/20 12:01	
n-Heptane	ug/m3	<0.20	0.83	05/26/20 12:01	
n-Hexane	ug/m3	<0.20	0.72	05/26/20 12:01	
Naphthalene	ug/m3	<1.3	2.7	05/26/20 12:01	
o-Xylene	ug/m3	<0.15	0.88	05/26/20 12:01	
Propylene	ug/m3	<0.098	0.35	05/26/20 12:01	
Styrene	ug/m3	<0.43	0.87	05/26/20 12:01	
Tetrachloroethene	ug/m3	<0.27	0.69	05/26/20 12:01	
Tetrahydrofuran	ug/m3	<0.18	0.60	05/26/20 12:01	
Toluene	ug/m3	<0.17	0.77	05/26/20 12:01	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	05/26/20 12:01	
trans-1,3-Dichloropropene	ug/m3	<0.26	0.92	05/26/20 12:01	
Trichloroethene	ug/m3	<0.22	0.55	05/26/20 12:01	
Trichlorofluoromethane	ug/m3	<0.23	1.1	05/26/20 12:01	
Vinyl acetate	ug/m3	<0.18	0.72	05/26/20 12:01	
Vinyl chloride	ug/m3	<0.096	0.26	05/26/20 12:01	

LABORATORY CONTROL SAMPLE: 3625650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	56.7	49.5	87	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	73.4	60.1	82	70-132	
1,1,2-Trichloroethane	ug/m3	57.4	49.7	86	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.1	64.8	80	70-130	
1,1-Dichloroethane	ug/m3	43	36.1	84	70-130	
1,1-Dichloroethene	ug/m3	43.2	34.8	80	69-137	
1,2,4-Trichlorobenzene	ug/m3	81.1	59.5	73	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.3	44.8	86	70-137	
1,2-Dibromoethane (EDB)	ug/m3	82.1	73.2	89	70-138	
1,2-Dichlorobenzene	ug/m3	63.2	51.7	82	70-136	
1,2-Dichloroethane	ug/m3	42.8	37.3	87	70-130	
1,2-Dichloropropane	ug/m3	48.8	41.7	85	70-132	
1,3,5-Trimethylbenzene	ug/m3	53	43.1	81	70-136	
1,3-Butadiene	ug/m3	24.6	19.9	81	67-139	
1,3-Dichlorobenzene	ug/m3	60.3	53.9	89	70-138	
1,4-Dichlorobenzene	ug/m3	66	53.9	82	70-145	
2-Butanone (MEK)	ug/m3	30	23.5	78	61-130	
2-Hexanone	ug/m3	37.6	34.1	91	70-138	
2-Propanol	ug/m3	27.5	21.7	79	70-136	

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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

LABORATORY CONTROL SAMPLE: 3625650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.7	46.9	89	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	42.1	37.6	89	70-134	
Acetone	ug/m3	26.2	21.6	82	59-137	
Benzene	ug/m3	34.4	27.4	80	70-133	
Benzyl chloride	ug/m3	52.4	39.9	76	70-139	
Bromodichloromethane	ug/m3	69.1	62.6	91	70-130	
Bromoform	ug/m3	108	116	107	60-140	
Bromomethane	ug/m3	41	30.3	74	70-131	
Carbon disulfide	ug/m3	34.3	27.3	79	70-130	
Carbon tetrachloride	ug/m3	65.5	60.8	93	70-133	
Chlorobenzene	ug/m3	49.5	40.4	82	70-131	
Chloroethane	ug/m3	28	22.7	81	70-141	
Chloroform	ug/m3	50	42.3	85	70-130	
Chloromethane	ug/m3	22.1	19.4	88	64-137	
cis-1,2-Dichloroethene	ug/m3	41.8	34.7	83	70-132	
cis-1,3-Dichloropropene	ug/m3	46	45.0	98	70-138	
Cyclohexane	ug/m3	36.4	31.5	86	70-133	
Dibromochloromethane	ug/m3	88.7	81.6	92	70-139	
Dichlorodifluoromethane	ug/m3	54.9	42.3	77	70-130	
Dichlorotetrafluoroethane	ug/m3	77.9	65.0	83	65-133	
Ethanol	ug/m3	21.1	14.4	68	65-135	
Ethyl acetate	ug/m3	37.7	29.0	77	70-135	
Ethylbenzene	ug/m3	46.3	38.8	84	70-142	
Hexachloro-1,3-butadiene	ug/m3	116	94.4	81	70-134	
m&p-Xylene	ug/m3	46	40.1	87	70-141	
Methyl-tert-butyl ether	ug/m3	34.9	30.9	89	70-131	
Methylene Chloride	ug/m3	38.8	35.8	92	69-130	
n-Heptane	ug/m3	42.8	35.5	83	70-130	
n-Hexane	ug/m3	36.8	29.0	79	70-131	
Naphthalene	ug/m3	58.3	39.1	67	63-130	
o-Xylene	ug/m3	46.5	37.6	81	70-135	
Propylene	ug/m3	18.3	14.9	81	63-139	
Styrene	ug/m3	45.2	39.3	87	70-143	
Tetrachloroethene	ug/m3	74.9	62.7	84	70-136	
Tetrahydrofuran	ug/m3	29.8	24.9	84	70-137	
Toluene	ug/m3	40.4	34.0	84	70-136	
trans-1,2-Dichloroethene	ug/m3	41.9	35.4	84	70-132	
trans-1,3-Dichloropropene	ug/m3	43.4	42.5	98	70-139	
Trichloroethene	ug/m3	56.7	49.4	87	70-132	
Trichlorofluoromethane	ug/m3	59.6	50.1	84	65-136	
Vinyl acetate	ug/m3	32.5	28.3	87	66-140	
Vinyl chloride	ug/m3	28.5	23.1	81	68-141	

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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

SAMPLE DUPLICATE: 3626648

Parameter	Units	10519040001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.26		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.52		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.33		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.49J		25	
1,1-Dichloroethane	ug/m3	ND	<0.19		25	
1,1-Dichloroethene	ug/m3	ND	<0.20		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<5.6		25	
1,2,4-Trimethylbenzene	ug/m3	1.8	1.9	6	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.46		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.53		25	
1,2-Dichloroethane	ug/m3	ND	<0.28		25	
1,2-Dichloropropane	ug/m3	ND	<0.34		25	
1,3,5-Trimethylbenzene	ug/m3	ND	0.76J		25	
1,3-Butadiene	ug/m3	ND	<0.17		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.80		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.2		25	
2-Butanone (MEK)	ug/m3	ND	1.1J		25	
2-Hexanone	ug/m3	ND	<0.58		25	
2-Propanol	ug/m3	ND	1.4J		25	
4-Ethyltoluene	ug/m3	ND	<0.72		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.30		25	
Acetone	ug/m3	ND	9.5J		25	
Benzene	ug/m3	0.73	0.73	1	25	
Benzyl chloride	ug/m3	ND	<0.79		25	
Bromodichloromethane	ug/m3	ND	<0.30		25	
Bromoform	ug/m3	ND	<3.0		25	
Bromomethane	ug/m3	ND	<0.25		25	
Carbon disulfide	ug/m3	ND	<0.18		25	
Carbon tetrachloride	ug/m3	ND	0.46J		25	
Chlorobenzene	ug/m3	ND	<0.22		25	
Chloroethane	ug/m3	ND	<0.21		25	
Chloroform	ug/m3	ND	<0.22		25	
Chloromethane	ug/m3	0.98	1.0	2	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.19		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.62		25	
Cyclohexane	ug/m3	ND	1.4J		25	
Dibromochloromethane	ug/m3	ND	<0.67		25	
Dichlorodifluoromethane	ug/m3	2.4	2.5	2	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.27		25	
Ethanol	ug/m3	14.3	14.9	4	25	
Ethyl acetate	ug/m3	ND	<0.31		25	
Ethylbenzene	ug/m3	ND	0.94J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<2.1		25	
m&p-Xylene	ug/m3	4.2	4.3	3	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.17		25	
Methylene Chloride	ug/m3	7.4	7.7	5	25	
n-Heptane	ug/m3	1.6	1.6	0	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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

SAMPLE DUPLICATE: 3626648

Parameter	Units	10519040001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	2.1	2.2	4	25	
Naphthalene	ug/m3	ND	<2.1		25	
o-Xylene	ug/m3	ND	1.4J		25	
Propylene	ug/m3	1.0	<0.16		25	
Styrene	ug/m3	ND	<0.72		25	
Tetrachloroethene	ug/m3	1.9	1.9	1	25	
Tetrahydrofuran	ug/m3	ND	<0.31		25	
Toluene	ug/m3	4.4	4.6	5	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.28		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.44		25	
Trichloroethene	ug/m3	ND	<0.37		25	
Trichlorofluoromethane	ug/m3	ND	1.4J		25	
Vinyl acetate	ug/m3	ND	<0.30		25	
Vinyl chloride	ug/m3	ND	<0.16		25	

SAMPLE DUPLICATE: 3626650

Parameter	Units	10519041002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.24		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.48		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.31		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<0.40		25	
1,1-Dichloroethane	ug/m3	ND	<0.18		25	
1,1-Dichloroethene	ug/m3	ND	<0.18		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<5.1		25	
1,2,4-Trimethylbenzene	ug/m3	ND	0.62J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.43		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.49		25	
1,2-Dichloroethane	ug/m3	ND	<0.26		25	
1,2-Dichloropropane	ug/m3	ND	<0.31		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.39		25	
1,3-Butadiene	ug/m3	ND	<0.16		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.74		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.1		25	
2-Butanone (MEK)	ug/m3	ND	1.1J		25	
2-Hexanone	ug/m3	ND	<0.53		25	
2-Propanol	ug/m3	ND	3.2J		25	
4-Ethyltoluene	ug/m3	ND	<0.66		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.27		25	
Acetone	ug/m3	11.4	11.8	3	25	
Benzene	ug/m3	0.74	0.72	3	25	
Benzyl chloride	ug/m3	ND	<0.73		25	
Bromodichloromethane	ug/m3	ND	<0.27		25	
Bromoform	ug/m3	ND	<2.8		25	
Bromomethane	ug/m3	ND	<0.23		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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 2002226 Martinizing
Pace Project No.: 10518953

SAMPLE DUPLICATE: 3626650

Parameter	Units	10519041002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	<0.17		25	
Carbon tetrachloride	ug/m3	ND	<0.40		25	
Chlorobenzene	ug/m3	ND	<0.21		25	
Chloroethane	ug/m3	ND	<0.20		25	
Chloroform	ug/m3	ND	<0.21		25	
Chloromethane	ug/m3	1.0	1.0	4	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.18		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.58		25	
Cyclohexane	ug/m3	ND	0.64J		25	
Dibromochloromethane	ug/m3	ND	<0.62		25	
Dichlorodifluoromethane	ug/m3	2.5	2.6	5	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.24		25	
Ethanol	ug/m3	11.6	10.9	6	25	
Ethyl acetate	ug/m3	ND	<0.29		25	
Ethylbenzene	ug/m3	ND	0.44J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<1.9		25	
m&p-Xylene	ug/m3	ND	1.8J		25	
Methyl-tert-butyl ether	ug/m3	ND	<0.16		25	
Methylene Chloride	ug/m3	6.0	6.5	8	25	
n-Heptane	ug/m3	ND	0.67J		25	
n-Hexane	ug/m3	1.8	1.7	2	25	
Naphthalene	ug/m3	ND	<2.0		25	
o-Xylene	ug/m3	ND	0.64J		25	
Propylene	ug/m3	ND	<0.15		25	
Styrene	ug/m3	ND	<0.66		25	
Tetrachloroethene	ug/m3	11.9	11.9	0	25	
Tetrahydrofuran	ug/m3	ND	<0.28		25	
Toluene	ug/m3	3.1	3.0	4	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.26		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.41		25	
Trichloroethene	ug/m3	ND	<0.34		25	
Trichlorofluoromethane	ug/m3	ND	1.6J		25	
Vinyl acetate	ug/m3	ND	<0.27		25	
Vinyl chloride	ug/m3	ND	<0.15		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 - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 2002226 Martinizing
Pace Project No.: 10518953

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2002226 Martinizing
Pace Project No.: 10518953

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10518953001	**Taekwondo**	TO-15	677127		
10518953002	**EDW. Jones**	TO-15	677127		
10518953003	**Jim's Retail Area**	TO-15	677127		
10518953004	**Jim's Lesson Area**	TO-15	677127		
10518953005	**Jim's N Basement Office Area**	TO-15	677342		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / A

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fi

WO# : 10518953

10518953

47073

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GEI Consultants, Inc.	Report To: pKillian@geiconsultants.com	Attention: Paul Killian
Address: 3159 Voyager Dr. Green Bay, WI 54311	Copy To: pgarvey@geiconsultants.com	Company Name: GEI Consultants, Inc.
Email To: pKillian@geiconsultants.com	Purchase Order No.:	Address: 3159 Voyager Drive, Green Bay, WI 54311
Phone: 9204558200 Fax:	Project Name: Martinizing	Pace Quote Reference:
Requested Due Date/TAT:	Project Number: 2002226	Pace Project Manager/Sales Rep. Chris Hyska
		Pace Profile #: 40699

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

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	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	Taekwondo	6LC		5-20-20	0829	5-20	1556	-30	-5	2332						X					
2	Edw. Jones	↓		5-20-20	0917	5-20	1617	-30	-5	2054						X					
3	Jims Retail Area			5-20-20	0821	5-20	1539	-30	-3	2298						X					
4	Jims Lesson Area			5-20-20	0824	5-20	1542	-30	-3	3944						X					
5	Jims N Basement Office Area	↓		5-20-20	0826	5-20	1547	-30	-4	1271						X					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Paul M. Garvey	5-21-20	1033	Chris Hyska	5/21/20	1033
			[illegible]	5/22/20	8:30

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Paul Garvey

SIGNATURE of SAMPLER: Paul M. Garvey DATE Signed (MM / DD / YY): 05/20/20

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 19Nov2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.20	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: GEI

Project #:

WO#: 10518953

PM: AW1 **Due Date: 06/01/20**

CLIENT: GEI - WI

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: RB 5/22/20

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 ☒ Yes	☐ No ☐ 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
Taekwondo	2332	1353	-3	+5					
Jones	2054	0400	-5	11					
Retail	2298	1997	-5	11					
Lesson	3944	0752	-3	11					
Basement	1271	0286	-2.5	11					

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Ashley Williams **Date:** 05/22/2020