January 19, 2023
File No. 25211372.21

Ms. Cynthia Koepke
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI, 53711

Subject: Soil Vapor Extraction System Construction Documentation Report
Pilgrim Cleaners, 7475 Mineral Point Road, Madison, WI
BRRTS #02-13-551995

Dear Ms. Koepke:

We are providing the enclosed report which documents the construction and operation of a soil vapor extraction system for the above-noted Pilgrim Cleaners site.

Please contact Robert Langdon at (608) 212-3995 or rlangdon@scsengineers.com if you have any questions concerning this report.

Sincerely,

Robert Langdon
Project Manager
SCS Engineers

Keith Gilkey, PE
Senior Design Engineer
SCS Engineers

KG/REO/REL/MRH

cc: John Cresto, Pine Tree

Encl. Soil Vapor Extraction System Construction Documentation Report

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Soil Vapor Extraction System Construction Documentation Report

Pilgrim Cleaners
7475 Mineral Point Road
Madison, WI
BRRTS #02-13-551995

Prepared for:

Inland Commercial Property Management c/o Pine Tree
814 Commerce Drive, Suite 300
Oak Brook, IL 60523

SCS ENGINEERS

25211372.21 | January 19, 2023

2830 Dairy Drive
Madison, WI 53718-6751
608-224-2830

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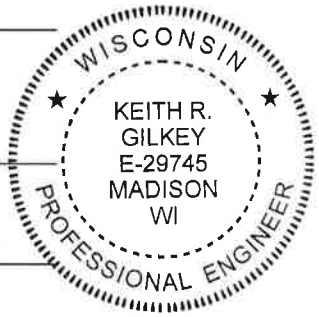
CERTIFICATIONS

"I, Keith Gilkey, hereby certify that I am a registered professional engineer in the state of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Signature

Project Engineer
Title

January 19, 2023
Date



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1.0 INTRODUCTION

The purpose of the remedial action was to address residual soil contamination at the subject property.

1.1 LOCATION AND PROJECT INFORMATION

1.	Site Owner:	Marc Madison, LLC 8430 West Bryn Mawr Avenue #850 Chicago, Illinois 60631
2.	Site Address:	7475 Mineral Point Road Madison, Wisconsin 53717
3.	Site Location:	NW ¼, NE ¼, Section 26, T07N, R08E Dane County (**Figure 1**)
4.	Responsible Party:	Inland Commercial Property Management c/o Pine Tree 814 Commerce Drive, Suite 300 Oak Brook, IL 60523 (630) 451-8552
5.	Environmental Consultant:	SCS Engineers 2830 Dairy Drive Madison, Wisconsin 53718-6751 (608) 224-2830
6.	Project Manager:	Robert Langdon, SCS Engineers
7.	Project Engineer	Keith Gilkey, PE, SCS Engineers
8.	BRRTS #:	02-13-551995
9.	WDNR Contact:	Cindy Koepke (608) 219-2181

2.0 BACKGROUND

The Pilgrim Cleaners site is located at the Highpoint Center shopping center, 7475 Mineral Point Road, Madison, Wisconsin (**Figure 1**). The shopping center was constructed in 1984. The Pilgrim Cleaners unit was operated as a dry cleaning facility from 1984 until 2020, at which time the dry cleaner closed. The former dry cleaner unit in the shopping center is currently vacant.

Contaminated soil from a release of dry cleaning solvent from the Pilgrim Cleaners facility was identified in July 2008 and reported to the Wisconsin Department of Natural Resources (WDNR). The WDNR responded in a letter dated July 24, 2008, requiring investigation and cleanup of the solvent release. Subsequent investigation identified related soil gas and groundwater contamination.

A Site Investigation Report (SIR) defining the degree and extent of contamination was submitted to the WDNR on February 6, 2015. A Remedial Actions Alternatives Analysis, which proposed soil vapor extraction (SVE) and groundwater natural attenuation monitoring remedial actions, was submitted to

the WDNR on November 25, 2015. The WDNR approved the proposed remedial actions in a letter dated June 8, 2016, however, additional work on the case was not performed until 2019 due to access negotiations with the current property owner.

Construction of a building vapor mitigation system (VMS) inside the Pilgrim Cleaners unit was completed in July 2019 to prevent migration of soil gas into indoor air. A letter summarizing VMS installation and a VMS maintenance plan were submitted to the WDNR on October 30, 2020. The remaining sections of this report summarize the construction and operation of the above-noted SVE system.

3.0 SVE SYSTEM DESIGN AND CONSTRUCTION

3.1 PILOT TEST

SVE wells SVE-1, SVE-2, and SVE-3 were installed in August 2019 in a paved area on the east side of the shopping center next to the Pilgrim Cleaners unit for use in a SVE pilot test (**Figure 2**). These same wells are used for the full-scale SVE system. The SVE wells are constructed to a depth of 20 feet below ground surface using 10-foot PVC well screens. Soil cuttings from the well installations were contained in 55-gallon steel drums and transported to Waste Management's Madison-Prairie Landfill for disposal. Soil disposal documentation is included in **Appendix A**.

A SVE pilot test was performed by SCS Engineers (SCS) in August 2019 to assess the effectiveness of SVE to address soil contamination, and to evaluate full-scale SVE design details. The pilot test methods and results were submitted to the WDNR in a letter dated October 15, 2019. The testing showed that a small 3-well SVE system with a single blower would be suitable for addressing the soil contamination. The WDNR subsequently approved funding for the proposed full-scale SVE system.

3.2 FULL-SCALE SYSTEM

Construction of the full-scale SVE system began with trenching for the underground piping on July 28, 2022. The asphalt in the vicinity of the pipe trenches was excavated and hauled off-site for recycling. Soil from the trench work that exhibited staining, and excess soil not used for backfill, was placed in a roll-off box and transported to Waste Management's Madison Prairie Landfill for disposal.

Pipes connecting the SVE wells to the blower were placed approximately 2-feet below ground surface in sand bedding and sloped toward each SVE well. The blower and associated equipment are located inside a backroom of the former dry cleaner unit. The SVE piping, consisting of 2-inch SCH 40 PVC, was connected to each SVE well and covered with foam insulation. The SVE pipe trenches were backfilled using re-compacted soil from the pipe trenches and imported gravel. The trench areas were paved with asphalt on September 29, 2022. Piping details for the SVE system are included in **Figure 3**. A detail of the SVE system pipe trench is included in **Figure 4**. Documentation of soil disposal is included in **Appendix A**. Photographs of the SVE system construction are included in **Attachment B**.

The three SVE pipes enter the former dry cleaning unit above ground. Inside the unit, a 2-inch PVC ball valve is fitted to each pipe and the pipes are connected to a single 3-inch PVC header. The PVC header is connected to an air filter and a moisture knockout tank located inside the unit. The knockout tank has a high level float switch to turn the system off if a high liquid level is detected in the tank.

After the knockout tank, the PVC piping exits the unit and connects to a SVE blower that sits on a steel stand next to the shopping center building. This pipe is equipped with a vacuum gauge to measure blower vacuum. The SVE blower is a 2.0 horsepower Rotron EN505 regenerative blower. An exhaust pipe from the SVE blower extends up the wall of the building above the roof line. SVE blower documentation is provided in **Appendix C**.

SVE exhaust temperature is measured using a thermometer installed on the blower exhaust pipe. There is a ¼" hole in the exhaust pipe for measuring air flowrate and a hose barb for obtaining exhaust samples for laboratory analysis.

A control panel mounted on the exterior of the building controls the SVE system. The control panel has a blower on/off switch, an hour meter to record the number of hours that the blower operates, and a timer to control blower run times, if required. The control panel also has an alarm light for high water levels in the knockout tank and an alarm reset button to restart the system after the high water level alarm is cleared. An alarm light is located on the top exterior of the control panel so that the high alarm condition can be monitored without opening the control panel. The control panel schematic drawing is included in **Appendix D**.

4.0 SYSTEM STARTUP AND OPERATION

The SVE system was started on October 10, 2022, and has exhibited a runtime of approximately 85 percent through the latest inspection on January 5, 2023. A summary of the SVE system operation is included in **Table 1**. Because the blower is operating near its maximum vacuum range it doesn't run full time. After a period of time (e.g., hours), the blower motor will heat up and automatically switch off for several minutes due to a thermal protection switch. It then automatically restarts after the motor has cooled off. SCS temporarily replaced the blower with a similar blower and found it also exhibited a similar running pattern due to its thermal switch. Given the relatively high runtime, and system effectiveness as discussed below, SCS reinstalled the original blower. If significant reduction in blower runtime is observed SCS will evaluate options for replacing the blower.

5.0 SVE CONTAMINANT MASS REMOVAL

The SVE system exhibits a flowrate of approximately 75 cubic feet per minute at a vacuum of approximately 50 inches of water. Vacuum measurements at SVE wells SVE-1, SVE-2, and SVE-3 are approximately 30 inches of water, indicating good vacuum distribution and a system radius of influence that appears to extend over the contaminant source area.

Samples of the blower exhaust were obtained using 1-liter Summa vacuum canisters equipped with 5-minute flow controllers. The canisters are connected to the SVE system exhaust pipe using laboratory-supplied nylon tubing, brass fittings, and clean silicon tubing. Samples are transported under chain of custody to Pace Analytical Services of Minneapolis, Minnesota for analysis of VOCs via laboratory method TO-15. Analytical results are summarized in **Table 1** and laboratory reports are included in **Appendix E**.

Over a period of approximately two months from startup on October 10, 2022, through December 9, 2022, the system removed approximately 1.3 pounds of volatile organic compounds (VOCs), including approximately 0.9 pounds of tetrachloroethylene (PCE). The amount of PCE in the blower exhaust has decreased from 92,300 micrograms per cubic meter (µg/m^3) on the first day of operation to 1,250 µg/m^3 after approximately two months of operation. PCE exhaust sample concentrations are shown on **Figure 5**. The calculated PCE and total VOC removal rates are summarized on **Table 1** and shown on **Figure 6** and **Figure 7**.

6.0 SUMMARY AND RECOMMENDATIONS

A SVE system was installed at the Pilgrim Cleaners site to address soil contamination resulting from a release of dry cleaning solvent. The system was constructed consistent with the approved remedial action plan, and appears to be operating as intended. SCS plans to continue operation, monitoring, and maintenance of the SVE system consistent with the approved remedial action plan, including monthly system inspections, exhaust sampling, and annual reporting. We plan to initiate the approved annual groundwater natural attenuation monitoring in early 2023.

The approved remedial action plan allows for up to two years of SVE system operation. Given the significant decrease in SVE exhaust concentrations observed over a relatively short time period, SCS recommends that the need for continued operation of the SVE system be evaluated within approximately 6 to 12 months assuming system mass removal rates continue to decline.

Table 1

SVE System Air Emissions

Table 1. SVE System Air Emissions
Pilgrim Cleaners, Madison, Wisconsin

Date	Time on Hour Meter	Velocity	Flow Rate [3]	System Vacuum	PCE [1]	Total PCE [2]	PCE Rem. over Period [2]	PCE Removal Rate	Total PCE Removed	Total VOCs [4]	Total VOCs [2]	VOCs Rem. over Period [5]	VOC Removal Rate	Total VOCs Removed
	hrs	FPM	CFM	in. water	µg/m^3	lb/ft^3	lbs	lbs/hr	lbs	µg/m^3	lb/ft^3	lbs	lbs/hr	lbs
10/10/22	0.77	1690	85.3	-50	92,300	5.8E-06	-	-	0.0	124,335.0	7.8E-06	-	-	0.0
10/11/22	17.97	1650	83.2	-51	23,300	1.5E-06	0.310	0.0180	0.310	29,919.5	1.9E-06	0.413	0.0240	0.413
10/12/22	33.15	1520	76.7	-51	5,780	3.6E-07	0.063	0.0042	0.373	7,676.9	4.8E-07	0.082	0.0054	0.495
10/18/22	159.25	1550	78.2	-52	1,610	1.0E-07	0.136	0.0011	0.510	2,786.7	1.7E-07	0.193	0.0015	0.689
10/24/22	263.77	1840	92.8	-40	1,020	6.4E-08	0.048	0.0005	0.557	1,703.1	1.1E-07	0.082	0.0008	0.770
11/1/22	391.87	1500	75.7	-53	1,320	8.2E-08	0.042	0.0003	0.600	2,094.1	1.3E-07	0.069	0.0005	0.839
12/9/22	1,214.62	1480	74.7	-51	1,250	7.8E-08	0.296	0.0004	0.896	1,779.3	1.1E-07	0.445	0.0005	1.285

Abbreviations:
SVE = soil vapor extraction
PCE = tetrachloroethylene
VOCs = volatile organic compounds
FPM = feet per minute
CFM = cubic feet per minute
hrs = hours
µg/m^3 = micrograms per cubic meter
lb/ft^3 = pounds per cubic foot
lbs = pounds
lbs/hr = pounds per hour

Notes:
(1) PCE concentrations based on summa canister sample results of SVE system exhaust gas. If not detected, reporting or detection limits are used.
(2) PCE removed over period (lbs) = PCE (lb/ft3) * Exhaust Flow Rate (CFM) * Time Between Periods (hrs) * 60 (min/hr).
(3) Velocity measured using pitot tube mounted on the 3" Sch 40 PVC discharge pipe, ID = 3.042".
(4) VOCs concentrations based on summa canister sample results of SVE system exhaust gas. If not detected, reporting or detection limits are used.
(5) VOCs removed over period (lbs) = VOCs (lb/ft3) * Exhaust Flow Rate (CFM) * Time Between Periods (hrs) * 60 (min/hr).
(6) The sample obtained on 10/24/22 was diluted by air intentionally blead into the SVE system.

Last revision by: KRG Date: 1/12/2023
Checked by: AJR Date: 1/13/2023
Proj Mgr QA/QC: REL Date: 1/16/2023

I:\3722\Tables-General\[SVE System Summary.xls]Table 1_SVE System

Figures

MIDDLETON
WISCONSIN–DANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 CROSS PLAINS 15' QUADRANGLE
2022
SCALE: 1" = 2,000'

CLIENT	INLAND COMMERCIAL PROPERTY MANAGEMENT, INC. 2901 BUTTERFIELD ROAD OAK BROOK, ILLINOIS 60523	SITE	PILGRIM CLEANERS, INC. 7475 MINERAL POINT ROAD MADISON, WISCONSIN

SITE LOCATION MAP

PROJECT NO.	3722	DRAWN BY:	KP/KH
DRAWN:	12/16/2008	CHECKED BY:	TK
REVISED:	01/19/2023	APPROVED BY:	REL, 1/19/2023

ENGINEER

SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718–6751
PHONE: (608) 224–2830

FIGURE
1

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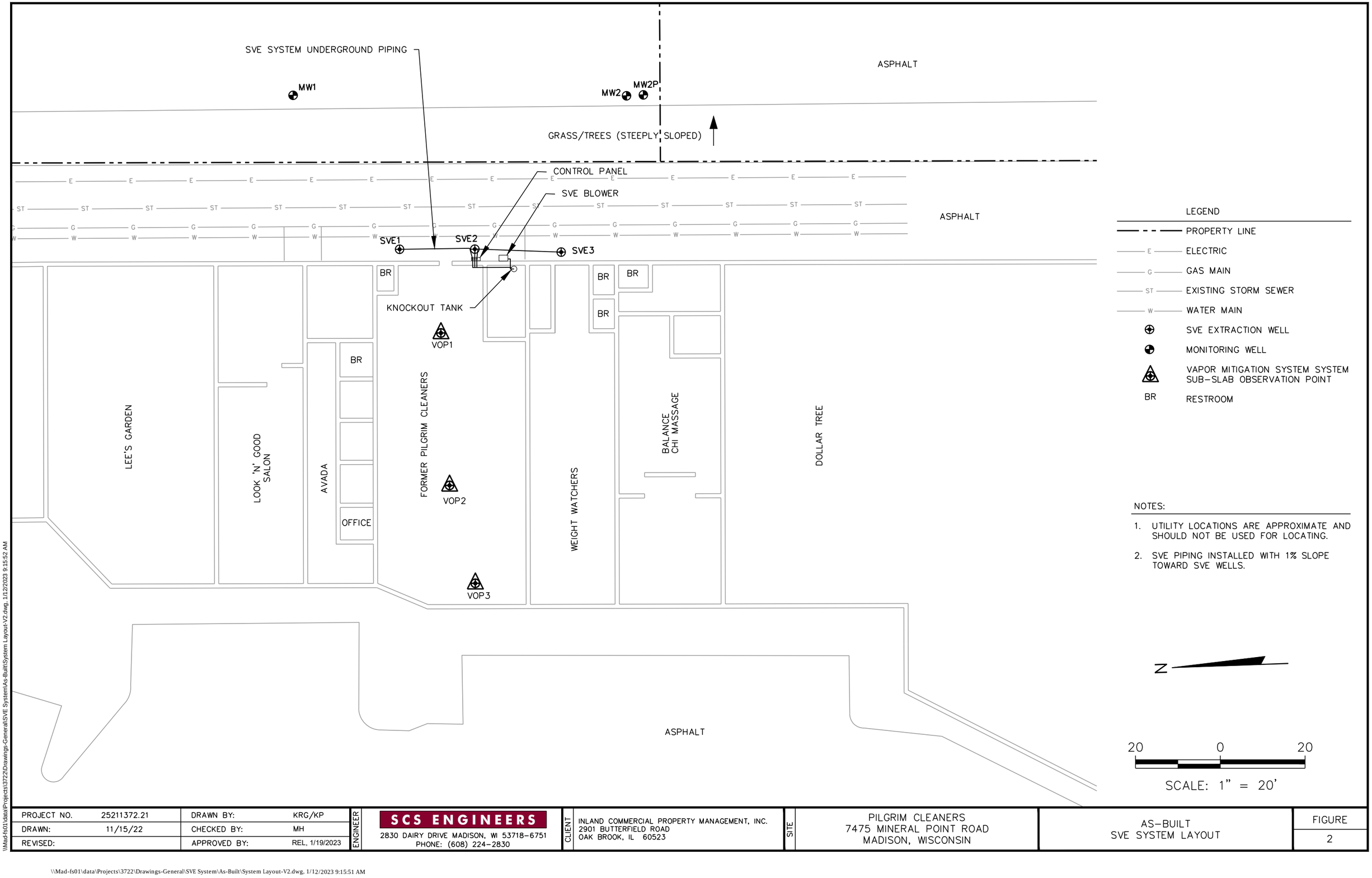

PROJECT NO.	25211372.21	DRAWN BY:	KRG/KP
DRAWN:	11/15/22	CHECKED BY:	MH
REVISED:		APPROVED BY:	REL, 1/19/2023

ENGINEER: SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718-6751
PHONE: (608) 224-2830

CLIENT: INLAND COMMERCIAL PROPERTY MANAGEMENT, INC.
2901 BUTTERFIELD ROAD
OAK BROOK, IL 60523

SITE: PILGRIM CLEANERS
7475 MINERAL POINT ROAD
MADISON, WISCONSIN

AS-BUILT
SVE SYSTEM LAYOUT

FIGURE
2

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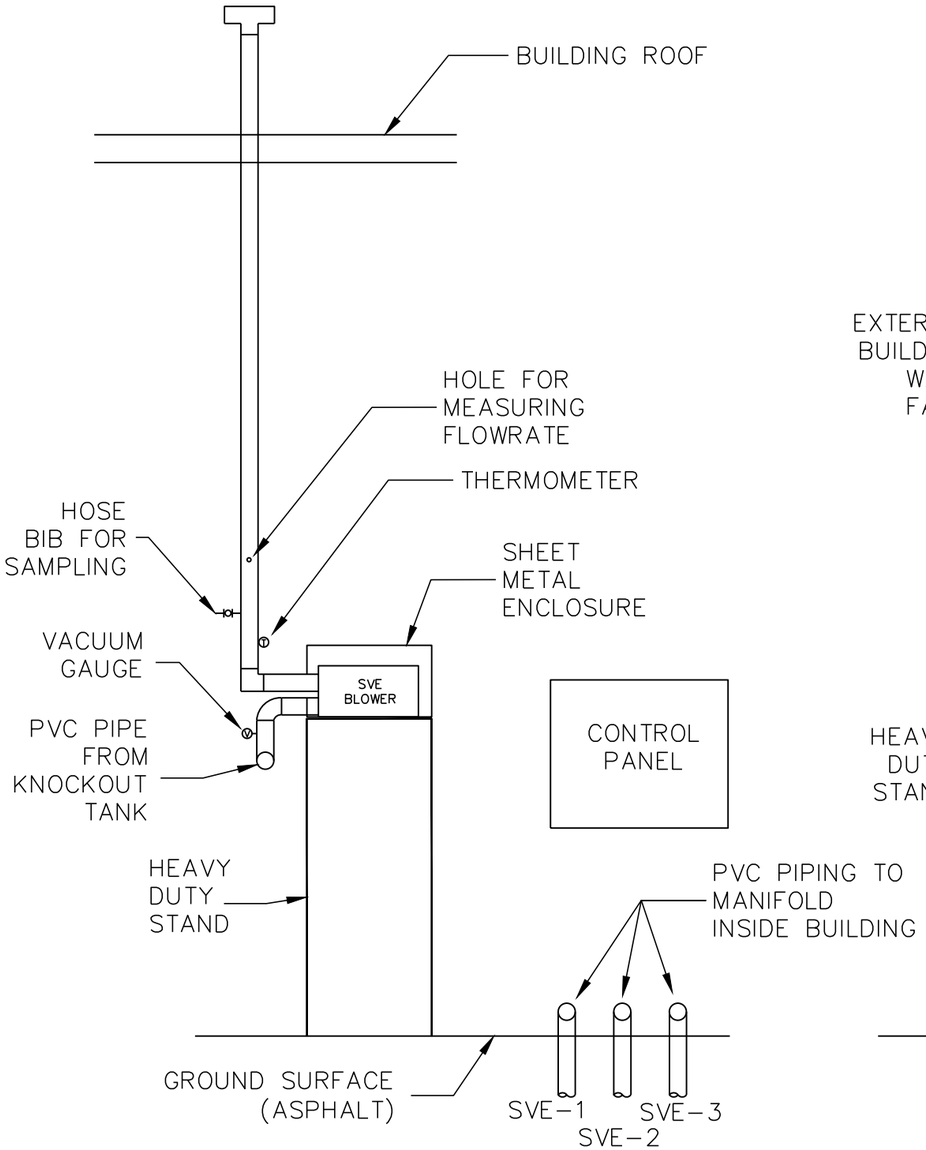
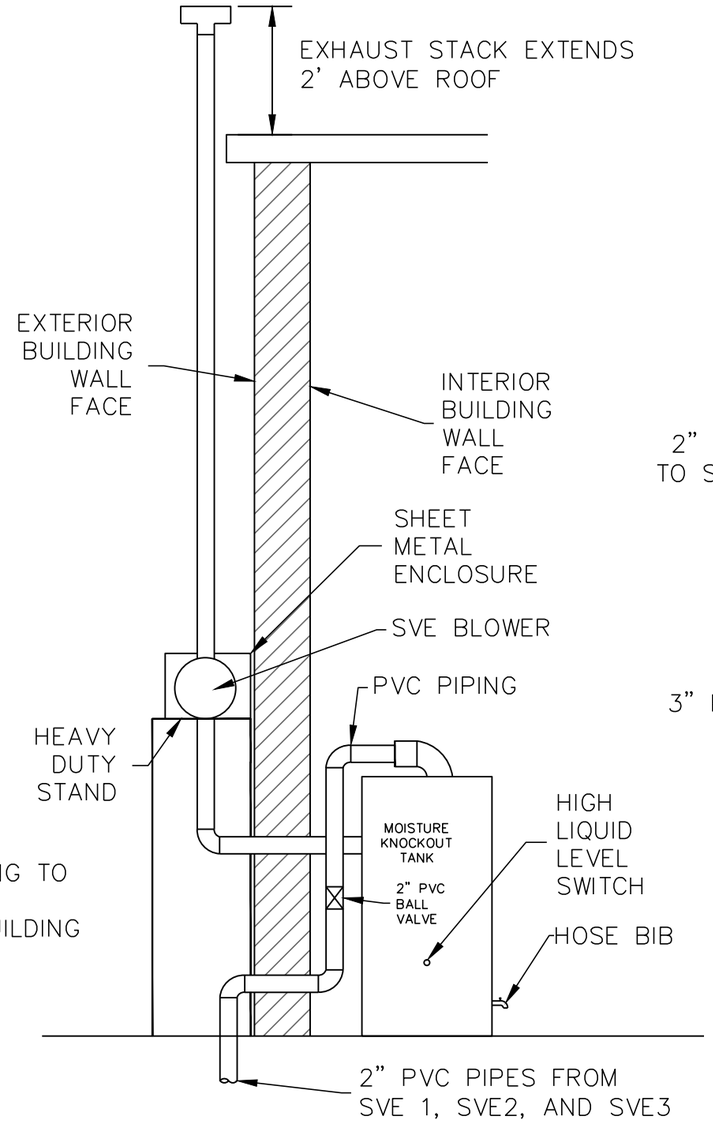


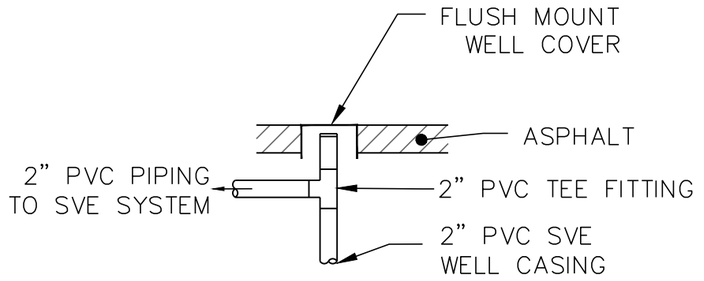
SVE PIPING ELEVATION ON EXTERIOR OF BUILDING
(NOT TO SCALE)



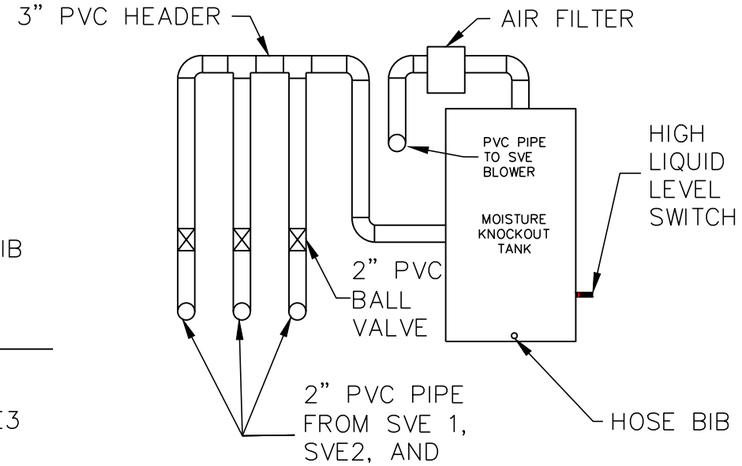
SVE PIPING AND BUILDING WALL SECTION
(NOT TO SCALE)

NOTES:

1. CONTROL PANEL MOUNTED TO BUILDING EXTERIOR WALL.
2. ALL PIPING IS SECURE AND FULLY SUPPORTED.
3. ALL PIPING IS SCH 40 PVC, EXCEPT FIRST 1 FOOT BEFORE AND AFTER SVE BLOWER IS STEEL.



SVE WELL PIPING
(NOT TO SCALE)



SVE PIPING ON INTERIOR OF BUILDING
(NOT TO SCALE)

PROJECT NO.	25211372.21	DRAWN BY:	KRG
DRAWN:	11/15/22	CHECKED BY:	MRH
REVISED:		APPROVED BY:	REL, 1/19/2023

ENGINEER: SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718-6751
PHONE: (608) 224-2830

CLIENT: INLAND COMMERCIAL PROPERTY MANAGEMENT, INC.

SITE: PILGRIM CLEANERS
7475 MINERAL POINT ROAD
MADISON, WISCONSIN

AS-BUILT
SVE SYSTEM PIPING

FIGURE
3

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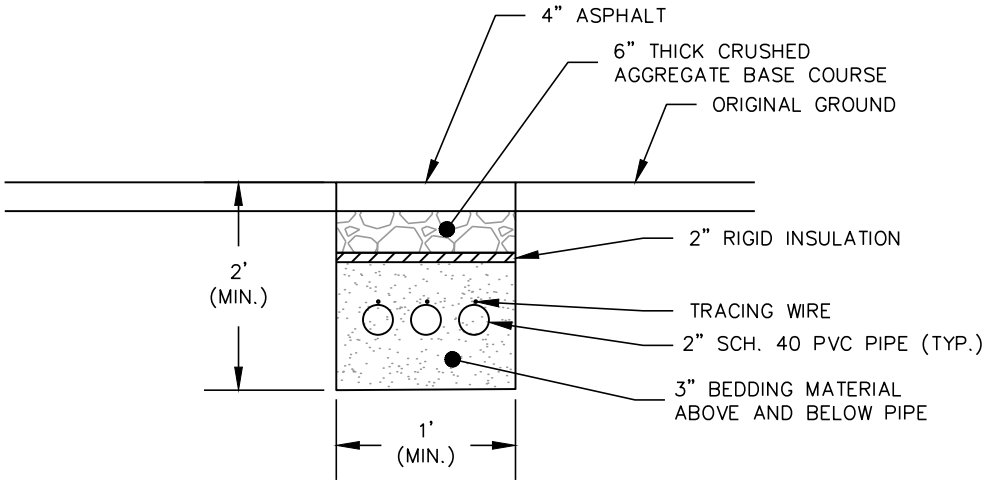

PIPE TRENCH DETAIL
(NOT TO SCALE)

CLIENT	INLAND COMMERCIAL PROPERTY MANAGEMENT, INC.	SITE	PILGRIM CLEANERS 7475 MINERAL POINT ROAD MADISON, WISCONSIN	AS-BUILT SVE SYSTEM PIPE TRENCH DETAIL	
PROJECT NO.	25211372.21	DRAWN BY:	KRG	ENGINEER	FIGURE
DRAWN:	11/15/22	CHECKED BY:	MRH	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	4
REVISED:		APPROVED BY:	REL, 1/19/2023		

\\Mad-fs01\data\Projects\3722\Drawings-General\SVE System\As-Built\SVE System-V2.dwg, 1/12/2023 3:34:47 PM

Figure 5
PCE in SVE System Exhaust
Pilgrim Cleaners, Madison, Wisconsin

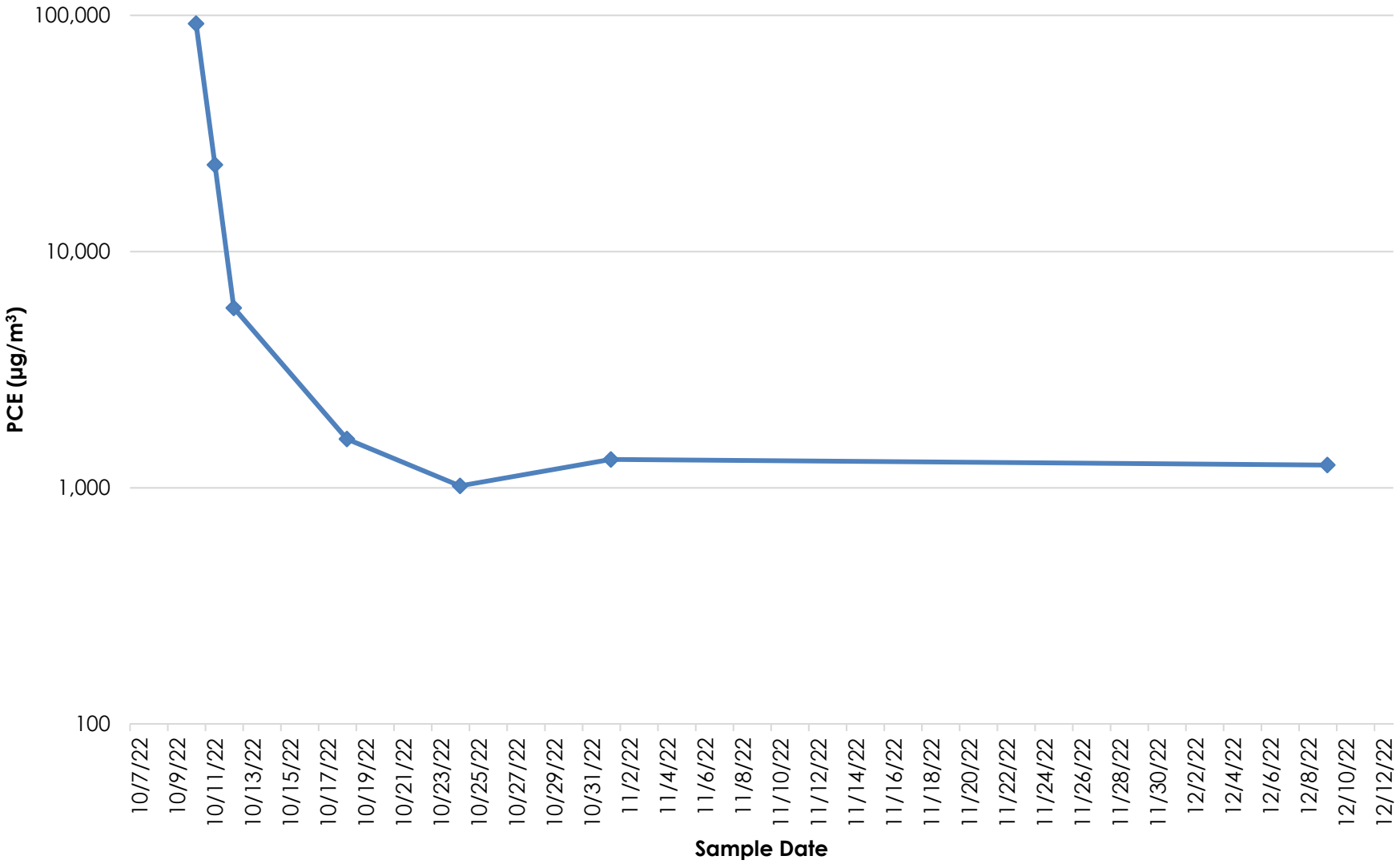

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Figure 6
Total PCE Removed
Pilgrim Cleaners, Madison, Wisconsin

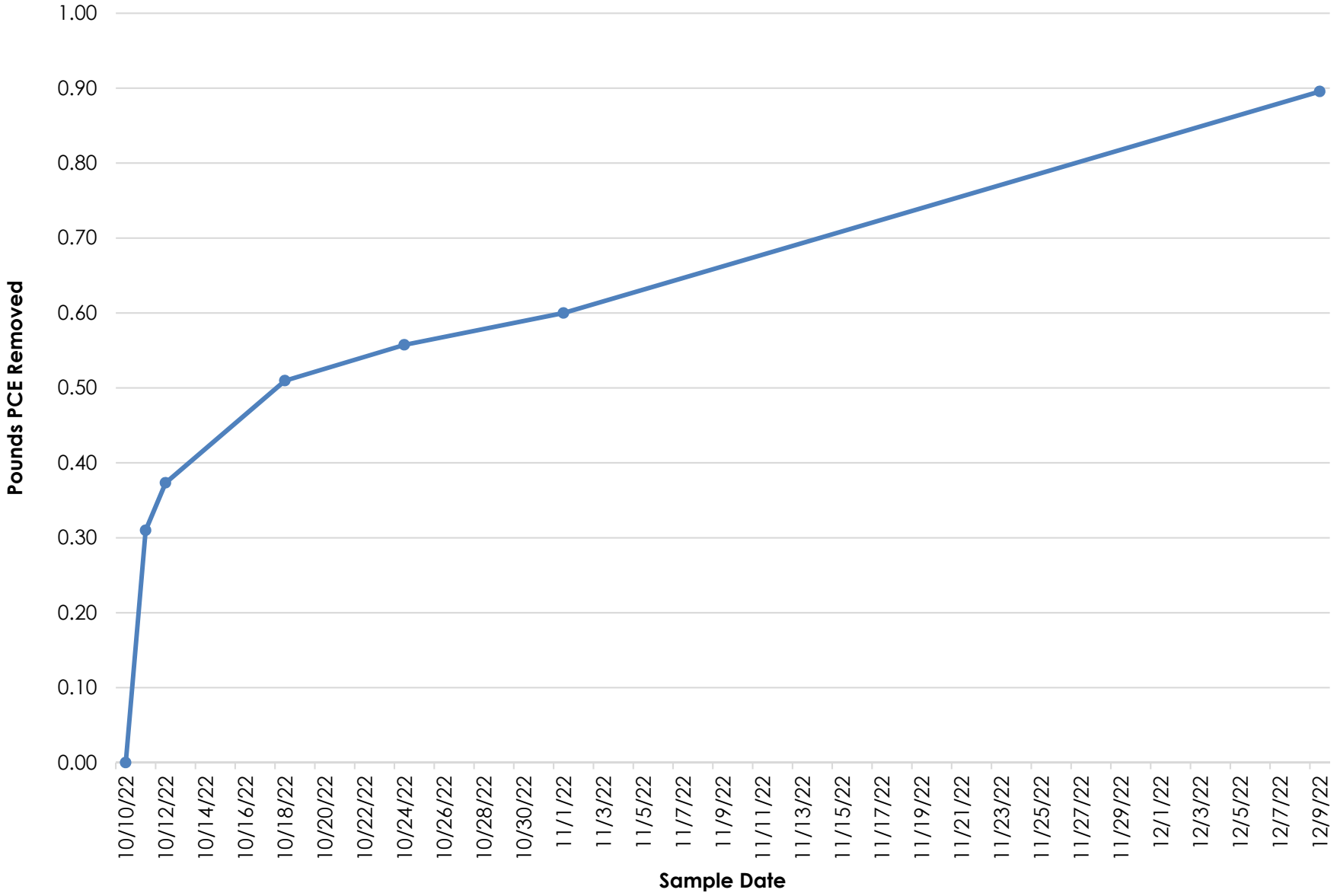

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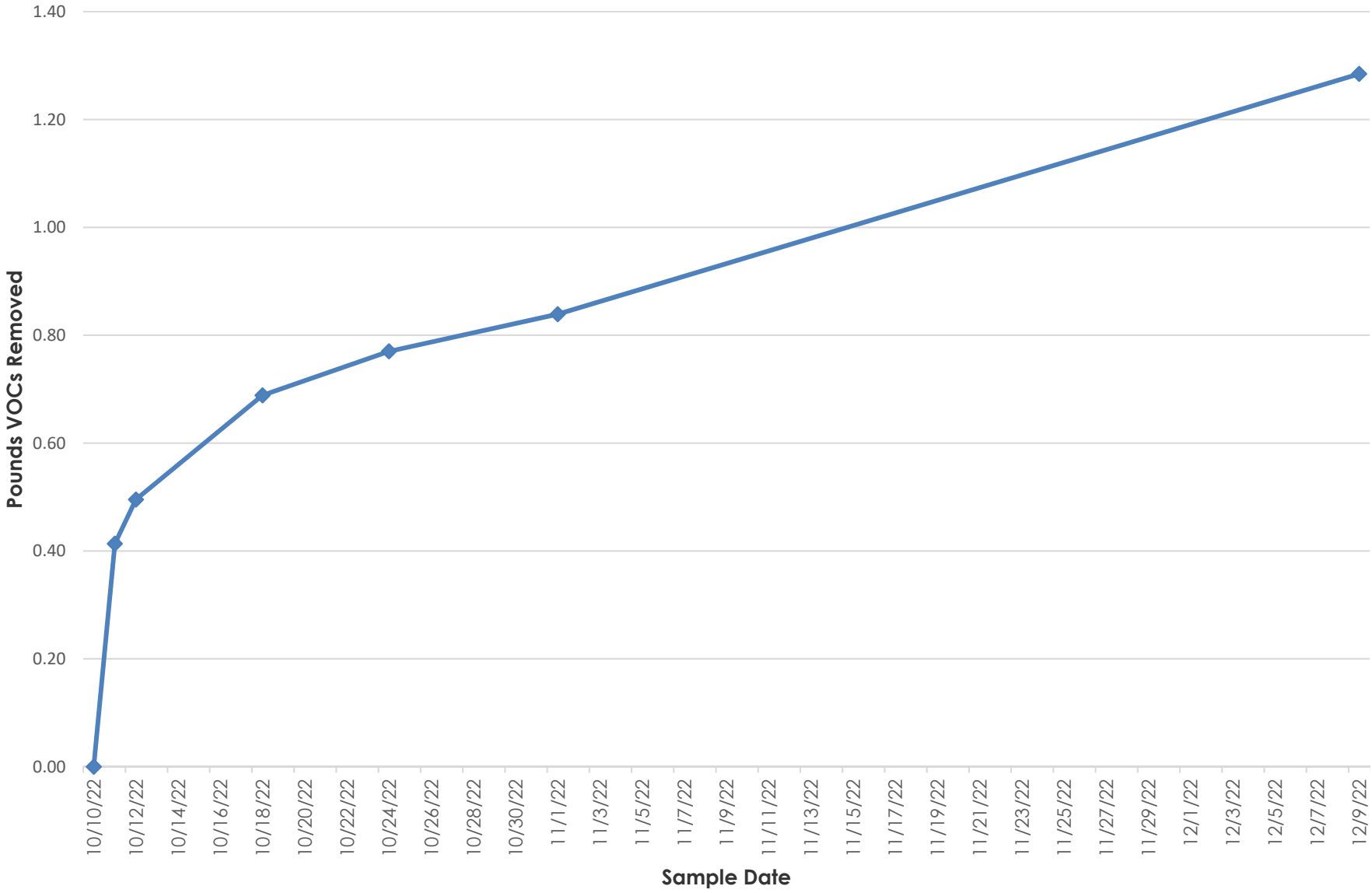
Figure 7
Total VOCs Removed
Pilgrim Cleaners, Madison, Wisconsin



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Appendix A

Soil Disposal Documentation

WASTE MANAGEMENT

Madison Prairie Landfill
6002 NELSON ROAD
SUN PRAIRIE, WI, 53590
Ph: 608-837-9031

Original
Ticket# 406247

Customer Name SCSENGINEERS SCS ENGINEERS
Ticket Date 03/28/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code A-24-06
Manifest 0
Destination
PO
Profile 136913WI (CONTAMINATED SOIL WM012A)
Generator 136-IRCRETAIL IRC RETAIL CENTERS LLC

Carrier SCS RED PICKUP
Vehicle# 539
Container
Driver
Check#
Billing # 0001588
Gen EPA ID
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/28/2022 14:06:30	scale	krezutek		Gross	15300 lb
Out	03/28/2022 14:22:09	scale	krezutek		Tare	11540 lb
					Net	3760 lb
					Tons	1.88

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-E	100	5.00	Each				
2	FUEL-Fuel Surcharg	100		%				
3	WWM-P-Waste Water	100		%				
4	EVF-L-Standard Env	100	1	Load				

Total Tax
Total Ticket

Driver`s Signature

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	#539 pickup

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
SCS Engineers 2830 Dairy Dr Madison, WI 53718	IRC Retail Centers, LLC 7475 Mineral Point Rd Madison, WI 53717	WMNA
4. Generator's Phone (630) 451-8552		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
SCS Engineers		D. Transporter's Phone 630-451-8552
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
Madison Prairie Landfill 6002 Nelson Rd. Sun Prairie, WI 53590		H. State Facility Phone 608-837-9031

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Contaminated Soil WM Profile # 136913WI					5 (Drums)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

BILL TO:

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: **(630) 451-8552**

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Eric Oelkers	Eric Oelkers for IRC	3	28	22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Eric Oelkers	Eric Oelkers	3	28	22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		3	28	22

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

Madison Prairie Landfill
6002 NELSON ROAD
SUN PRAIRIE, WI, 53590
Ph: 608-837-9031

Reprint
Ticket# 410281

Customer Name SCSENGINEERS SCS ENGINEERS
Ticket Date 08/01/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code A-24-33
Manifest 0
Destination
PO
Profile DSS136913WI (CONTAMINATED SOIL)
Generator 136-IRCRETAIL IRC RETAIL CENTERS LLC

Carrier TRICR TRICOR
Vehicle# 73
Container
Driver
Check#
Billing # 0001588
Gen EPA ID
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/01/2022 08:36:02	scale	krezutek		Gross	39340 lb
Out	08/01/2022 08:53:31	scale	krezutek		Tare	32120 lb
					Net	7220 lb
					Tons	3.61

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Dredged Sedi Soil-	100	1.00	Each				
2	FUEL-Fuel Surcharg	100		%				
3	WWM-P-Waste Water	100		%				
4	EVF-L-Standard Env	100	1	Load				

Total Tax
Total Ticket

Driver`s Signature

Appendix B

Photographs

Pilgrim Cleaners – SVE System Construction
7475 Mineral Point Road, Madison, WI
SCS Engineers Project #25211372.21

Photo 1: Installing SVE well SVE-3.
Date: 8/5/19
Photo Direction: North

Photo 2: Installing 2-inch diameter PVC piping to SVE well SVE-3.
Date: 7/28/22
Photo Direction: Northwest

Pilgrim Cleaners – SVE System Construction
7475 Mineral Point Road, Madison, WI
SCS Engineers Project #25211372.21

Photo 3: Installing 2-inch diameter PVC SVE piping.
Date: 7/28/22
Photo Direction: West

Photo 4: Installing insulation over SVE piping.
Date: 7/28/22
Photo Direction: West

Pilgrim Cleaners – SVE System Construction
7475 Mineral Point Road, Madison, WI
SCS Engineers Project #25211372.21

Photo 5: Compacting soil over SVE piping.
Date: 7/29/22
Photo Direction: North

Photo 6: SVE piping and valves inside building.
Date: 9/13/22
Photo direction: East

Pilgrim Cleaners – SVE System Construction
7475 Mineral Point Road, Madison, WI
SCS Engineers Project #25211372.21

Photo 7: Air filter, knockout tank and SVE piping inside building.
Date: 9/13/22
Photo direction: East

Photo 8: SVE blower and SVE piping.
Date: 9/21/22
Photo direction: west

Pilgrim Cleaners – SVE System Construction
7475 Mineral Point Road, Madison, WI
SCS Engineers Project #25211372.21

Photo 9: SVE system control panel (right) and SVE blower inside sheet metal enclosure (left).
Date: 9/21/22
Photo direction: west

Photo 10: Compacting base course of asphalt in SVE piping trench using plate compactor.
Date: 9/29/22
Photo direction: South

Pilgrim Cleaners – SVE System Construction
7475 Mineral Point Road, Madison, WI
SCS Engineers Project #25211372.21

Photo 11: Compacting wearing asphalt in SVE trench using smooth drum roller compactor.
Date: 9/29/22
Photo direction: Southwest

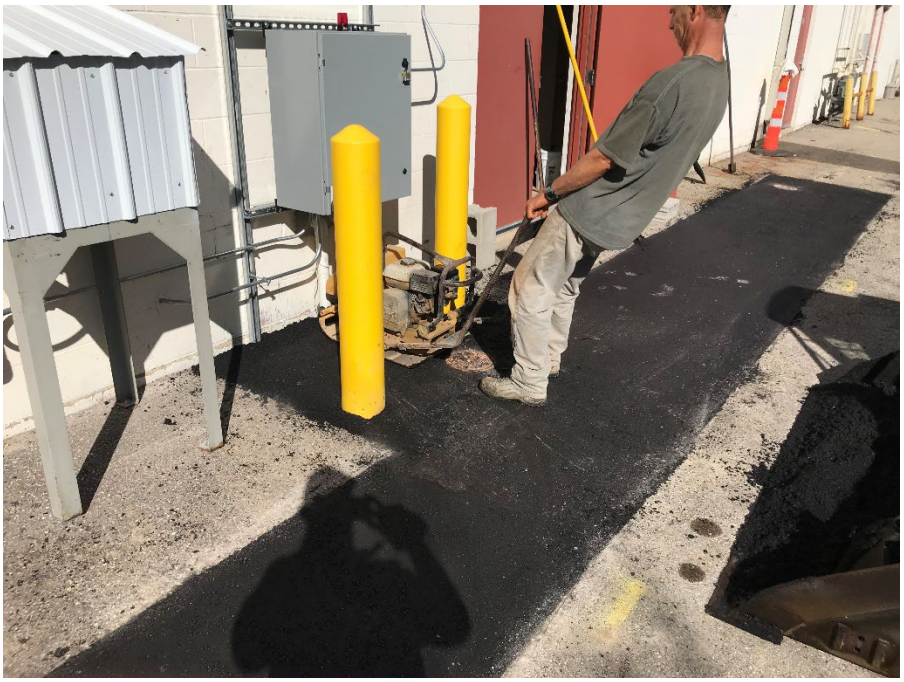


Photo 12: Compacting wearing course of asphalt between bumper posts using plate compactor.
Date: 9/29/22
Photo direction: Northwest

Appendix C

SVE Blower Specifications

SERVICE AND PARTS MANUAL FOR BLOWER MODEL

EN454 – EN656

ROTRON Industrial Products
627 lake Street, Kent, ohio 44240 U.S.A.
Telephone: 330-673-3452 Fax: 330-677-3306
e-mail: rotronindustrial@ametek.com
internet: www.ametektip.com

Your Choice. Our Commitment.™

WARRANTY, INSTALLATION, MAINTENANCE AND TROUBLESHOOTING INSTRUCTIONS

TECHNICAL AND INDUSTRIAL PRODUCTS
627 Lake Street, Kent, Ohio 44240 USA
Telephone: 330-673-3452 Fax: 330-677-3306
e-mail: rotronindustrial@ametek.com web site: www.ametektip.com

1. AMETEK Rotron DR, EN and HiE regenerative direct drive blowers are guaranteed for one full year from the date of installation (limited to 18 months from the date of shipment) to the original purchaser only. Should the blower fail we will evaluate the failure If failure is determined to be workmanship or material defect related, we will at our option repair or replace the blower.

2. AMETEK Rotron Minispiral, Revaflow, Multiflow, Nautilair, remote drive blowers, moisture separators, packaged units, CP blowers, Nasty Gas™ models and special built (EO) products are guaranteed for one full year from date of shipment for workmanship and material defect to the original purchaser only. Should the blower fail, If failure is determined to be workmanship or material defect related, we will at our option repair or replace the blower.

3. **Parts Policy** - AMETEK Rotron spare parts and accessories are guaranteed for three months from date of shipment for workmanship and material defect to the original purchaser only. If failure is determined to be workmanship or material defect related we will at our option repair or replace the part.

Corrective Action - A written report will be provided indicating reason(s) for failure, with suggestions for corrective action. Subsequent customer failures due to abuse, misuse, misapplication or repeat offense will not be covered. AMETEK Rotron will then notify you of your options. Any failed unit that is tampered with by attempting repair or diagnosis will void the warranty, unless authorized by the factory.

Terms and Conditions - Our warranty covers repairs or replacement of regenerative blowers only, and will not cover labor for installation, outbound and inbound shipping costs, accessories or other items not considered integral blower parts. Charges may be incurred on products returned for reasons other than failures covered by their appropriate warranty. Out-of-warranty product and in warranty product returned for failures determined to be caused by abuse, misuse, or repeat offense will be subject to an evaluation charge. Maximum liability will in no case exceed the value of the product purchased. Damage resulting from mishandling during shipment is not covered by this warranty. It is the responsibility of the purchaser to file claims with the carrier. Other terms and conditions of sale are stated on the back of the order acknowledgement.

Installation Instructions for SL, DR, EN, CP, and HiE Series Blowers

1. **Bolt It Down** - Any blower must be secured against movement prior to starting or testing to prevent injury or damage. The blower does not vibrate much more than a standard electric motor.

2. **Filtration** - All blowers should be filtered prior to starting. Care must be taken so that no foreign material enters the blower. If foreign material does enter the blower, it could cause internal damage or may exit at extremely high velocity.

   Should excessive amounts of material pass through the blower, it is suggested that the cover(s) and impeller(s) be removed periodically and cleaned to avoid impeller imbalance. Impeller

imbalance greatly speeds bearing wear, thus reducing blower life. Disassembling the blower will void warranty, so contact the factory for cleaning authorization.

3. **Support the Piping** - The blower flanges and nozzles are designed as connection points only and are not designed to be support members.

   Caution: Plastic piping should not be used on blowers larger than 1 HP that are operating near their maximum pressure or suction point. Blower housing and nearby piping temperatures can exceed 200ºF. Access by personnel to the blower or nearby piping should be limited, guarded, or marked, to prevent danger of burns.

4. **Wiring** - Blowers must be wired and protected/fused in accordance with local and national electrical codes. All blowers must be grounded to prevent electrical shock. Slo-Blo or time delay fuses should be used to bypass the first second of start-up amperage.

5. **Pressure/Suction Maximums** - The maximum pressure and/or suction listed on the model label should not be exceeded. This can be monitored by means of a pressure or suction gage (available from Rotron), installed in the piping at the blower outlet or inlet. Also, if problems do arise, the Rotron Field representative will need to know the operating pressure/suction to properly diagnose the problem.

6. **Excess Air** - Bleed excess air off. DO NOT throttle to reduce flow. When bleeding off excess air, the blower draws less power and runs cooler.

   Note: Remote Drive (Motorless) Blowers - Properly designed and installed guards should be used on all belts, pulleys, couplings, etc. Observe maximum remote drive speed allowable. Due to the range of uses, drive guards are the responsibility of the customer or user. Belts should be tensioned using belt gauge.

Maintenance Procedure

When properly piped, filtered, and applied, little or no routine maintenance is required. Keep the filter clean. Also, all standard models in the DR, EN, CP, and HiE series have sealed bearings that require no maintenance. Bearing should be changed after 15,000 to 20,000 hours, on average. Replacement bearing information is specified on the chart below.

Bearing Part Number	Size	Seal Material	Grease	Heat Stabilized
510217 510218 510219	205 206 207	Polyacrylic	Nye Rheotemp 500 30% +/- 5% Fill	Yes – 325 F
510449 516440 516648	203 202 307	Buna N	Exxon Polyrex Grease	NO
516840 516841 516842 516843 516844 516845 516846 516847	206 207 208 210 309 310 311 313	Buna N	Exxon Polyrex Grease	NO

Troubleshooting

		POSSIBLE CAUSE	OUT OF WARRANTY REMEDY ***
IMPELLER DOES NOT TURN	Humming Sound	1. * One phase of power line not connected 2. * One phase of stator winding open 3. Bearings defective 4. Impeller jammed by foreign material 5. Impeller jammed against housing or cover 6. ** Capacitor open	1. Connect 2. Rewind or buy new motor 3. Change bearings 4. Clean and add filter 5. Adjust 6. Change capacitor
	No Sound	1. * Two phases of power line not connected 2. * Two phases of stator winding open	1. Connect 2. Rewind or buy new motor
IMPELLER TURNS	Blown Fuse	1. Insufficient fuse capacity 2. Short circuit	1. Use time delay fuse of proper rating 2. Repair
	Motor Overheated Or Protector Trips	1. High or low voltage 2. * Operating in single phase condition 3. Bearings defective 4. Impeller rubbing against housing or cover 5. Impeller or air passage clogged by foreign material 6. Unit operating beyond performance range 7. Capacitor shorted 8. * One phase of stator winding short circuited	1. Check input voltage 2. Check connections 3. Check bearings 4. Adjust 5. Clean and add filter 6. Reduce system pressure/vacuum 7. Change capacitor 8. Rewind or buy new motor
	Abnormal Sound	1. Impeller rubbing against housing or cover 2. Impeller or air passages clogged by foreign material 3. Bearings defective	1. Adjust 2. Clean and add filter 3. Change bearings
	Performance Below Standard	1. Leak in piping 2. Piping and air passages clogged 3. Impeller rotation reversed 4. Leak in blower 5. Low voltage	1. Tighten 2. Clean 3. Check wiring 4. Tighten cover, flange 5. Check input voltage

*** 3 phase units**

**** 1 phase units**

***** Disassembly and repair of new blowers or motors will void the Rotron warranty. Factory should be contacted prior to any attempt to field repair an in-warranty unit.**

Blower Disassembly:

WARNING: Attempting to repair or diagnose a blower may void Rotron's warranty. It may also be difficult to successfully disassemble and reassemble the unit.

1) Disconnect the power leads. **CAUTION:** Be sure the power is disconnected before doing any work whatsoever on the unit.

2) Remove or separate piping and/or mufflers and filters from the unit.

3) Remove the cover bolts and then the cover. **NOTE:** Some units are equipped with seals. It is mandatory that these seals be replaced once the unit has been opened.

4) Remove the impeller bolt and washers and then remove the impeller. **NOTE:** Never pry on the edges of the impeller. Use a puller as necessary.

5) Carefully note the number and location of the shims. Remove and set them aside. NOTE: If the disassembly was for inspection and cleaning the unit may now be reassembled by reversing the above steps. If motor servicing or replacement and/or impeller replacement is required the same shims may not be used. It will be necessary to re-shim the impeller according to the procedure explained under assembly.

6) Remove the housing bolts and remove the motor assembly (arbor/.housing on remote drive models).

7) Arbor disassembly (Applicable on remote drive models only):
   a) Slide the bearing retraining sleeve off the shaft at the blower end.
   b) Remove the four (4) screws and the bearing retaining plate from the blower end.
   c) Lift the shaft assembly far enough out of the arbor to allow removal of the blower end snap ring.
   d) Remove the shaft assembly from the arbor.
   e) If necessary, remove the shaft dust seal from the pulley end of the arbor.

Muffler Material Replacement:

1) Remove the manifold cover bolts and them manifold cover.

2) The muffler material can now be removed and replaced if necessary. On blowers with fiberglass acoustical wrap the tubular retaining screens with the fiberglass matting before sliding the muffler pads over the screens.

3) Reassemble by reversing the procedure.

NOTE: On DR068 models with tubular mufflers it is necessary to remove the cover and impeller accessing the muffler material from the housing cavity.

Blower Reassembly:

1) Place the assembled motor (assembled arbor assembly for remote drive models) against the rear of the housing and fasten with the bolts and washer.

2) To ensure the impeller is centered within the housing cavity re-shim the impeller according to the procedure outlined below.

3) If blower had a seal replace the seal with a new one.

4) Place the impeller onto the shaft making sure the shaft key is in place and fasten with the bolt, washer and spacer as applicable. Torque the impeller bolt per the table below. Once fastened carefully rotate the impeller to be sure it turns freely.

5) Replace the cover and fasten with bolts.

6) Reconnect the power leads to the motor per the motor nameplate.

Bolt Size	**Torque** **Pound-Force-Foot**
1/4-20	**6.25 +/- 0.25**
5/16-18	**11.5 +/- 0.25**
3/8-16	**20.0 +/- 0.5**
½-13	**49.0 +/- 1**
5/8 –11	**90.0 +/- 2**

Impeller Shimming Procedure:

WARNING: This unit may be difficult to shim. Extreme care may be exercised.

Tools Needed: Machinist's Parallel Bar
Vernier Caliper with depth measuring capability
Feeler gauges or depth gauge

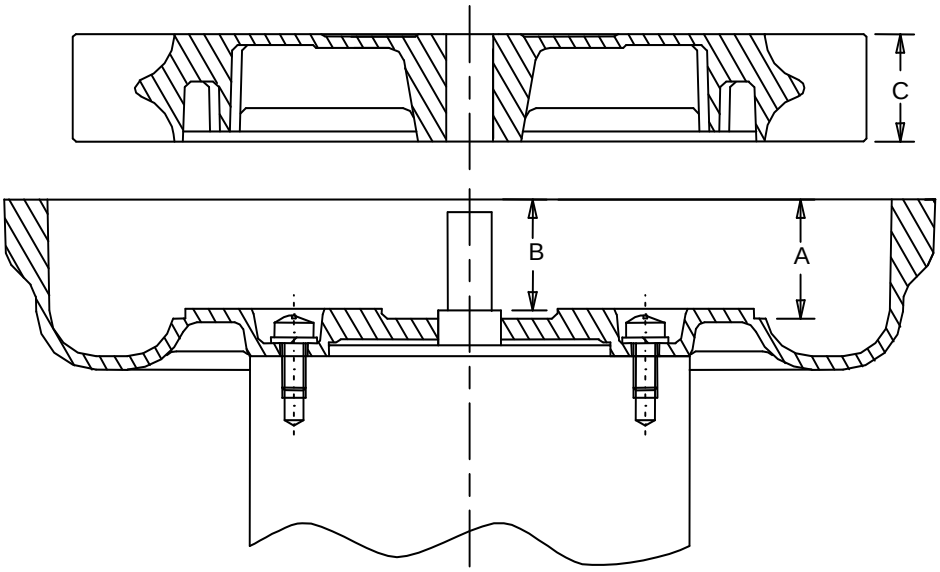
Measure the Following:

Distance from the flange face to the housing (A)
Distance from the flange face to the motor shaft shoulder (B)
Impeller Thickness (C)

Measurements (A) and (B) are made by laying the parallel bar across the housing flange face and measuring to the proper points. Each measurement should be made at three points, and the average of the readings should be used.

Shim Thickness = B – (A+C)/2

After the impeller installation (step #4 above) the impeller/cover clearance can be checked with feeler gauges, laying the parallel bar across the housing flange face. This clearance should nominally be (A-C)/2.



ROTRON TECHNICAL MOTOR DIVISION
REGENERATIVE BLOWER GROUP

75 North Street
Saugerties, New York 12477
Phone: (845) 246-3401
Fax: (845) 246-3802

EXPLOSION-PROOF BLOWERS

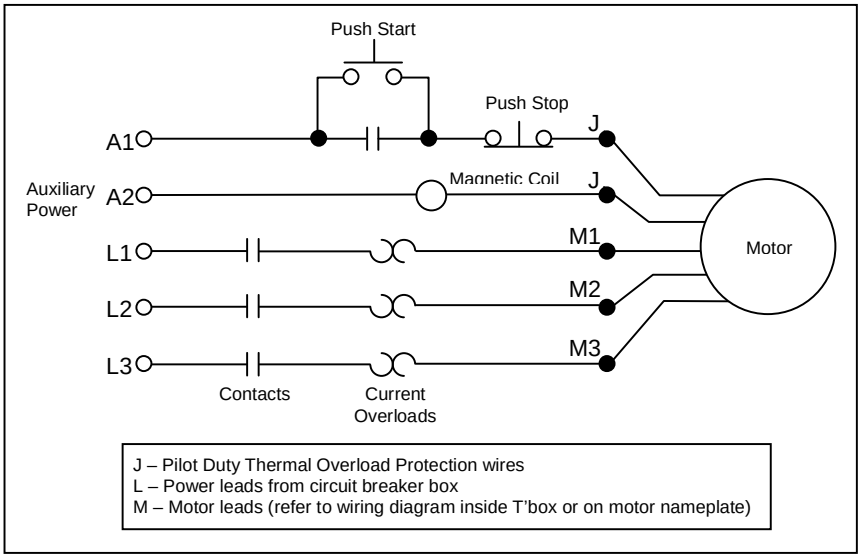
IMPORTANT: Read before wiring this Explosion-proof Blower

This AMETEK Rotron Explosion-proof Regenerative Blower may be equipped with Pilot Duty Thermal Overload (PDTO) or Automatic Thermal Overload (ATO) protection. When properly wired to a motor starter, this protection limits the motor winding temperature rise per the National Electric Code (NEC) article 500. Failure to properly wire this blower is an NEC violation and could cause an explosion. AMETEK Rotron assumes no responsibilities for damages incurred by negligent use of this product, and will not warranty a blower on which the PDTO is not properly connected. Some blowers 1 HP and under do not require PDTO and have built in ATO. Consult the factory if verification of wiring connections is required.

In all cases, follow the motor controller manufacturer's instructions. The following schematic is for conceptual understanding only, and may not apply to all motor/controller combinations.

The manufacturer's wiring diagram found on the motor takes precedent over reference diagrams supplied by AMETEK Rotron Technical Motor Division.

Schematic



The schematic is shown for a three phase motor. For a single phase motor disregard L3 and M3. Pushing the START button completes the auxiliary control circuit, allowing current to flow through the magnetic coil. The contacts are magnetically closed, starting the motor and latching the auxiliary circuit. The motor will continue to run until the STOP push button is depressed, the motor reaches the overload temperature, or the current sensing overloads trip out.

If you have any questions, contact AMETEK Rotron at 914-246-3401 for the location of your area representative.

POLICY REGARDING INSTALLATION OF AMETEK ROTRON REGENERATIVE BLOWERS IN HAZARDOUS LOCATIONS

AMETEK Rotron will not knowingly specify, design or build any regenerative blower for installation in a hazardous, explosive location without the proper NEMA motor enclosure. AMETEK Rotron does not recognize sealed blowers as a substitute for explosion-proof motors. Sealed units with standard TEFC motors should never be utilized where local, state, and/or federal codes specify the use of explosion-proof equipment.

AMETEK Rotron has a complete line of regenerative blowers with explosion-proof motors. Division 1 & 2, Class I, Group D; Class II, Groups F & G requirements are met with these standard explosion-proof blowers.

AMETEK Rotron will not knowingly specify, design or build any regenerative blower for installation in a hazardous, corrosive environment without the proper surface treatment and sealing options.

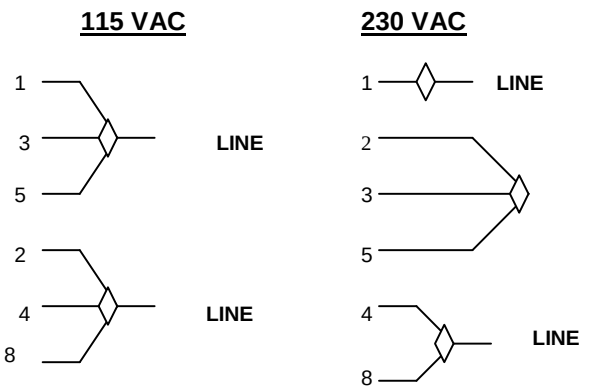
AMETEK Rotron has a complete line of Chemical Processing and Nasty Gas™ regenerative blowers with Chem-Tough™, stainless steel parts, and seals.

AMETEK Rotron offers general application guidance; however, suitability of the particular blower selection is ultimately the responsibility of the purchaser, not the manufacturer of the blower.

FS2 Rev. B 3/10/98

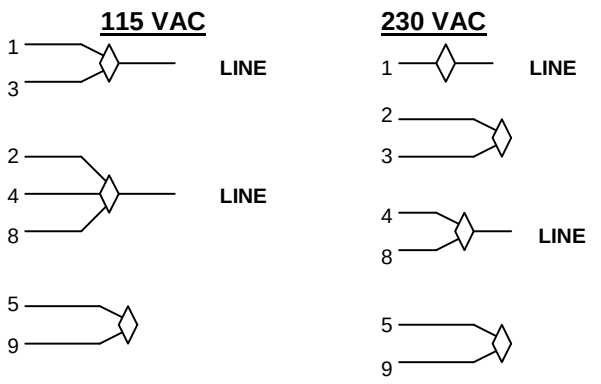
WIRING DIAGRAMS, XP MOTORS

H. 1Ø, 6 WIRE



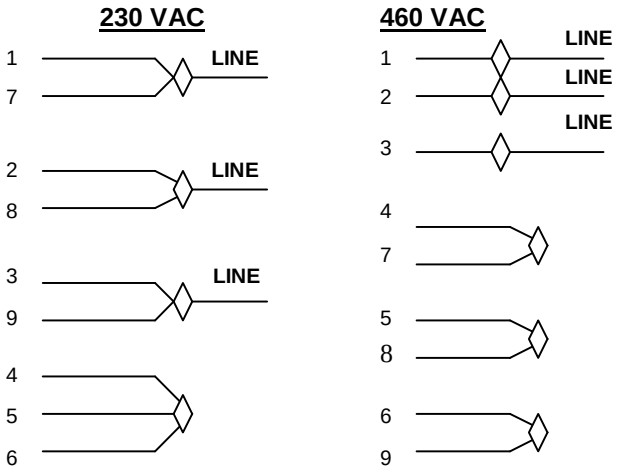
INTERCHANGE LEADWIRES 5 & 8 to REVERSE ROTATION

I. 1Ø, 7 WIRE



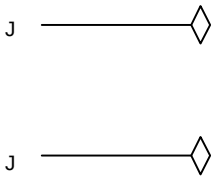
INTERCHANGE LEADWIRES 5 & 8 to REVERSE ROTATION

K. 3Ø, 9 WIRE



INTERCHANGE ANY TWO LEAD LINES TO REVERSE ROTATION

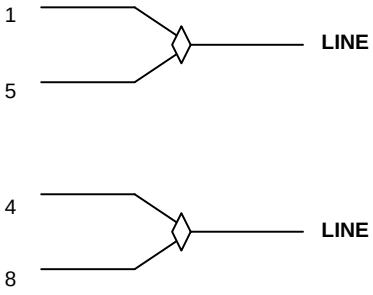
L. PILOT DUTY THERMAL OVERLOADS



HOOK J LEADS TO CONTROL CIRCUITRY

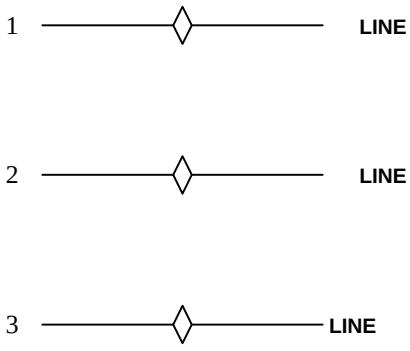
M. 1Ø 230 VAC

SINGLE VOLTAGE



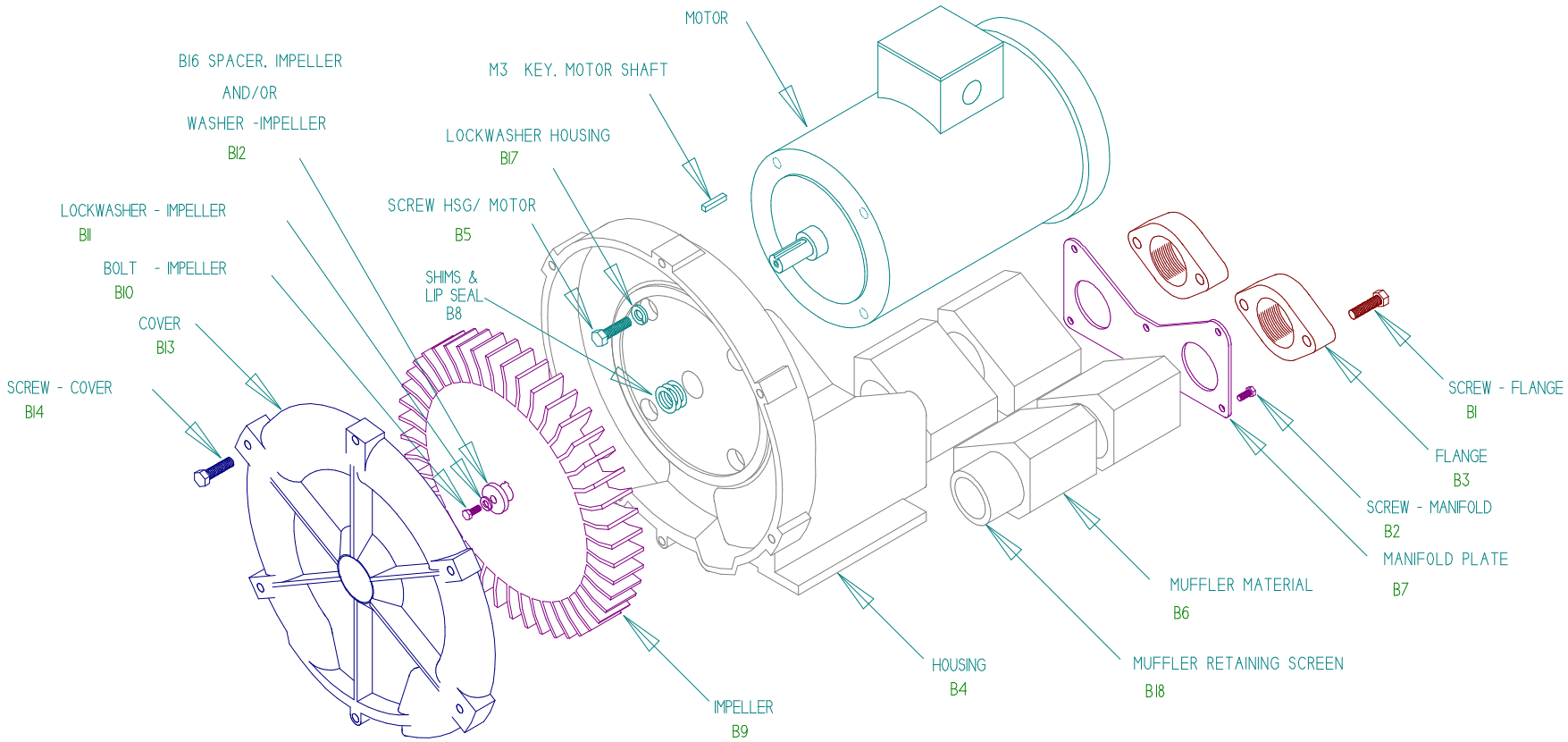
INTERCHANGE LEADWIRES 5 & 8 TO REVERSE ROTATION

N. 3Ø 575 VAC



INTERCHAGE ANY TWO LEAD LINES TO REVERSE ROTATION

ASSEMBLY DIAGRAM
EN454 EN513 EN523 EN505
EN555 EN606 EN656



Parts Breakdown

Item No.	Qty. Req'd	Description	EN454 038175 038176	EN454 080487 080488 080916	EN513 038183 038037	EN523 038223 038184	EN505 038177 038178 038445	EN555 038045	EN606 038179 038222 038437 038536 038538
M3	1	Key Motor Shaft	510629	510629	510629	155099	510629	510629	510629
B1	4	Screw, Flange	120162	120162	120162	120162	120162	120162	155095
B2	6	Screw, Manifold	155496	155170	(10 pcs) 120214	(10 pcs) 120214	155170	155496	155176
B3	2	Flange	510354	510354	510354	510354	510354	510354	511480
B4	1	Housing	515737	551001	523419	523420	See Next Page	516721	See Next Page
B5	4	Screw, Hsg /Motor	251791	155128	251791	251791	155128	251791	251791
B6	4	Muffler Material	515743	515743	516560	516560	(6 pcs) 515743	515743	See Next Page
	2	Muffler Insert	Not Used	551006	Not Used	Not Used	Not Used	Not Used	Not Used
B7	1	Manifold Plate	516410	516410	529868	529868	517460	515482	516392
B8	*	Shim .002"	510356	510356	510356	500664	510356	510356	510356
	*	Shim .005"	510357	510357	510357	500665	510357	510357	510357
	*	Shim .010"	510358	510358	510358	500666	510358	510358	510358
	*	Shim .020"	510359	510359	510359	500667	510359	510359	510359
	*	Shim .030"	Not Used	Not Used	Not Used	510292	Not Used	Not Used	Not Used
B9	1	Impeller	515675	551067	516557	(2 pcs) 516562	517433	516678	511272
B10	1	Bolt, Impeller	120214	120214	120325	120214	120214	120262	120325
B11	1	Lockwasher, Impeller	120203	120203	120203	120203	120203	120203	120203
B12		Washer, Impeller	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B13	1	Cover	517807	551065	516559	516559	517808	516675	511274
B14	6	Screw, Cover	155236	155129	(8 pcs) 120255	(8 pcs) 155098	155236	(7 pcs) 155236	155236
B16	1	Spacer, Impeller Bolt	510355	510355	510355	510355	510355	510355	510355
B17		Lockwasher, Housing	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B18	1	Screen, Muffler Retaining, Right (**)	510362	551087	511718	511718	See Next Page	510362	See Next Page
	1	Screen, Muffler Retaining, Left (**)	510362	551087	511718	511718	See Next Page	510362	See Next Page
B19		Bolt, Muffler Hsg/Hsg	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B20		Muffler Housing	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
		Bolt, Motor/Muffler	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
		Lockwasher, Motor/Muffler	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
		Washer, Motor/Muffler	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
		Spacer, Motor/Muffler	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B23		Bolt, Mounting Rail	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B24		Lockwasher, Rail	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B25		Nut, Rail	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
B26		Rail Mounting	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
	1	Lip Seal	516587	516587	516587	516587	516587	516587	516587

Model	Part No.	Motor	Wiring Diagram	Specific Parts	Bearing, Rear (M1)
EN454W58L	038175	515747	H + L		
EN454W72L	038176	515746	K + L		
EN454W58ML	080487	515747	H + L		
EN454W72ML	080488	515746	K + L		
EN454W86ML	080916	517391	N + L		510449
EN513W58L	038183	515747	H + L		
EN513W72L	038037	515746	K + L		
EN523M72L	038184	517675	K + L		
EN523M5L	038223	551373	M + L	B13 516555 1 pc Center Annulus	510217
EN505AX58ML	038177	510326	H + L		
EN505AX72ML	038178	510325	K + L	B4 517419 B18 517435 2 pcs	510449
EN505CJ5ML	038445	529622	M + L	B4 529654 B18 517436 2 pcs	
EN555M72L	038045	516687	K + L		
EN606M72L	038179 ***	516687	K + L	B4 511276 1 pc	510449
EN606M5L	038222 **	551366	M + L	B6 511285 4 pcs	510217
EN606M86L	038437	529630	N + L	B4 529790 1 pc	510449
EN606M72ML	038536	516687	K + L	B6 529781 4 pcs	
EN606M5ML	038538	551366	M + L	B18 529782 2 pcs	510217
EN656M86XL	080058	529630	N + L		510449
EN656M72XL	080059	516687	K + L		
EN656M5XL	080060	551366	M + L	B7 Muffler extension 551974 1 pc	510217

*As needed **Viewed looking at inlet/outlet ports ***Not currently in production; superseded by model listed below

	EN656
	080058
	080059
	080060
	510629
	120255
	155170
	511480
	550195
	251791
	(10 pcs.) 551585
	Not Used
	See Next Page
	510356
	510357
	510358
	510359
	Not Used
	550305
	120325
	120203
	Not Used
	550249
	(8 pcs) 155236
	510355
	Not Used
	517436
	517436
	Not Used
	Not Used
	Not Used
	Not Used
	Not Used
	Not Used
	Not Used
	Not Used
	Not Used
	Not Used
	516587

*As needed **Viewed looking at inlet/outlet ports ***Not currently in production; superseded by model listed below

Bearing, Impeller End (M2)
510217
510218
510217
510217
510218
510217
510218
510217
510218

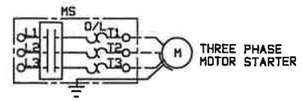
*As needed **Viewed looking at inlet/outlet ports ***Not currently in production; superseded by model listed below

Appendix D

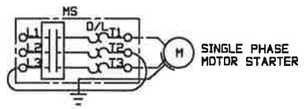
Control Panel Schematic Drawings

RECONEX-PILGRIM CLEANERS-MADISON, WI/#5543
STANDARD CONTROL PANEL SYMBOLS AND NOTES

- ▲ TERMINAL IN PANEL
- (CK) MOTOR CONTACTOR
- (G) GREEN PILOT LIGHT
- (R) RED PILOT LIGHT
- (W) WHITE PILOT LIGHT
- (A) AMBER PILOT LIGHT
- (TDR) CONTROL TIMER
- (CR) CONTROL RELAY
- (RTM) ELAPSED RUN TIMER METER
- FLOAT SWITCH CLOSES ON RISING LEVEL
- FLOAT SWITCH OPENS ON RISING LEVEL
- PRESSURE SWITCH CLOSES ON RISING PRESSURE
- PRESSURE SWITCH OPENS ON RISING PRESSURE
- TEMPERATURE SWITCH OPENS ON RISING TEMPERATURE
- TEMPERATURE SWITCH CLOSES ON RISING TEMPERATURE
- TIMER CONTACT CLOSES AFTER TIME SET
- TIMER CONTACT OPENS AFTER TIME SET
- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- ---- FIELD WIRING
- MULTI-POSITION GROUNDING BLOCK



THREE PHASE MOTOR STARTER



SINGLE PHASE MOTOR STARTER

- NORMALLY OPEN MOMENTARY PUSHBUTTON
- NORMALLY CLOSED MOMENTARY PUSHBUTTON
- THREE POSITION H.O.A. SELECTOR SWITCH
- SELECTOR SWITCH ADDITIONAL CONTACTS MAY BE ADDED
- 1 POLE CIRCUIT BREAKER
- 2 POLE CIRCUIT BREAKER
- 3 POLE CIRCUIT BREAKER
- WIRE CONTINUATION
- DISTRIBUTION BLOCK
- FUSE WITH HOLDER (TYPE & SIZE INDICATED)
- DISCONNECT SWITCH

WIRING COLORING & NOTES:
1) 120VAC CONTROL - RED (16AWG OR 18AWG)
2) 120NEUTRAL - WHITE (16AWG OR 18AWG)
3) 24VDC POSITIVE - BLUE (16AWG)
4) 24VDC COMMON - WHITE W/ BLUE STRIPE (16AWG)
5) GROUND - GREEN (16AWG)
6) ALL OTHER WIRING AS INDICATED
6) ALL OTHER WIRING AS INDICATED

TORQUE SPECIFICATIONS
1) FIELD WIRING TERMINALS - 7LB-IN
2) 23 AMP CONTACTORS - 16LB-IN
3) OVERLOADS - 16LB-IN
4) PDB1 PRIMARY - 120LB-IN
5) FUL1-20 & FUL2-20 - 20LB-IN
6) CB23 - 20LB-IN

CONTROL PANEL FULL LOAD PER UL508A/698A
NOT OVERALL SYSTEM POWER REQUIRED PER NEC OR LOCAL INSPECTING AUTHORITY
120/240VAC, 1Ø CONTROL PANEL LOAD PER UL508A PROCEDURES
SYSTEM LOAD ANALYSIS

120/240VAC, 1Ø, 3 WIRE		L1	L2	L3	N
SVE BLOWER	2HP	9.4A	9.4A		
GFCI		6A			6A
CONTROLS		2A			2A
SYSTEM FLA		17.4A	9.4A		8A

REVISIONS				UNLESS SPECIFIED OTHERWISE
REV	DESCRIPTION	DATE	DWN	* DIMENSIONS ARE IN INCHES * DO NOT SCALE DRAWING
A	RELEASE FOR SUBMITTAL	06/03/22	RC	DRAWN BY: RC
B	RELEASE FOR RESUBMITTAL	06/29/22	RC	DESIGNED BY: RC
C	RELEASE FOR PRODUCTION	07/08/22	RC	PROJECT MANAGER: RC
D	AS BUILT	08/08/22	RC	DATE: 05/31/22
				PROJECT NO.: 5543

H2K Technologies, Inc.
7550 Commerce St, Corcoran, MN 55340 Tel: 763-746-9900

PROJECT TITLE:
RECONEX-
PILGRIM CLEANERS
MADISON, WI

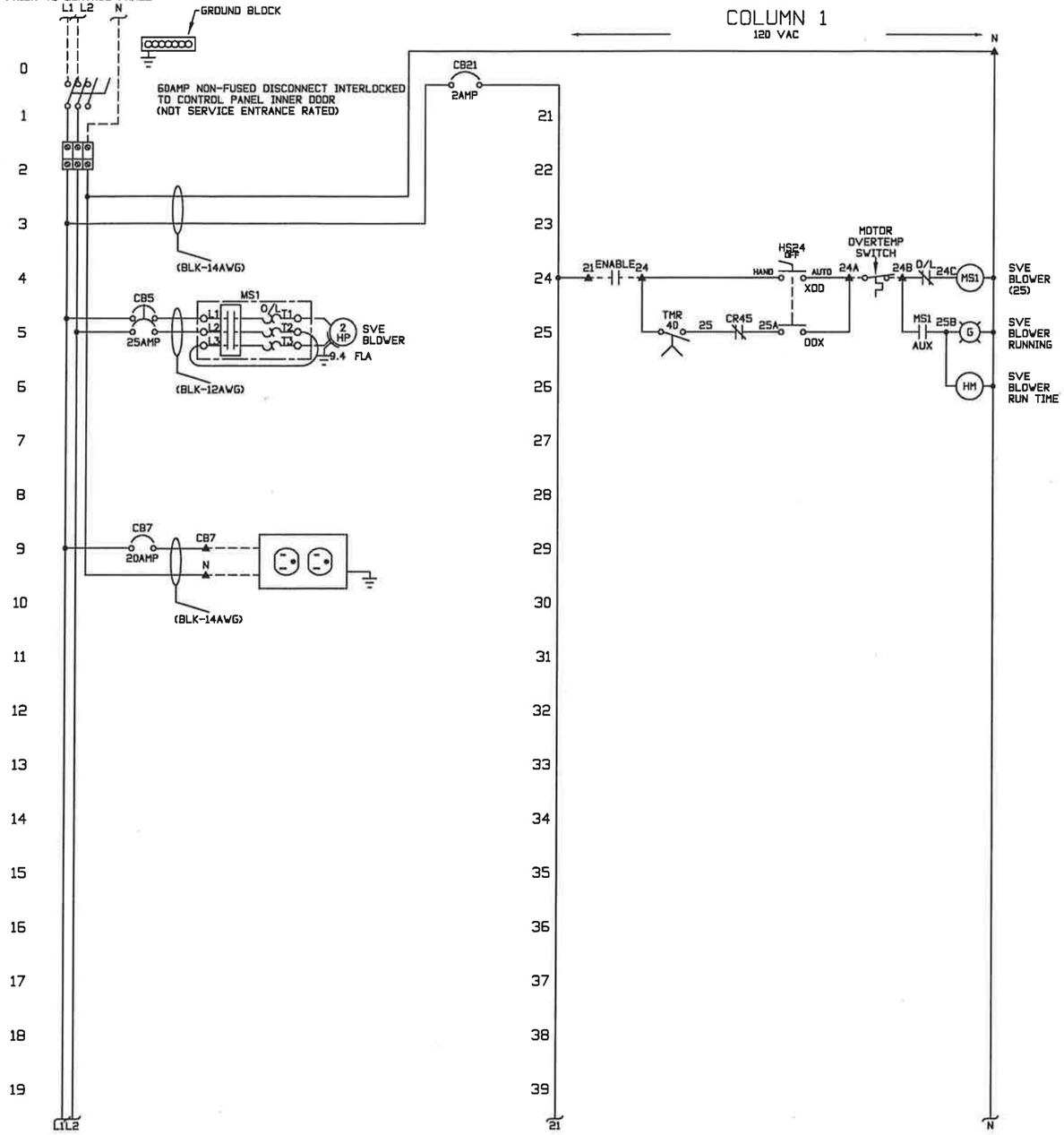
DRAWING TITLE:
SCHEMATIC CONTROL PANEL

SHEET 1 OF 2

DRAWING NO.:
5543-21

INCOMING POWER SUPPLY

120/240VAC, 1PHASE, 3WIRE - SYSTEM FLA = 17.4A AMPS
PER NEC CODE, THIS CONTROL PANEL
REQUIRES FUSES OR CIRCUIT BREAKER
PRIOR TO CONTROL PANEL

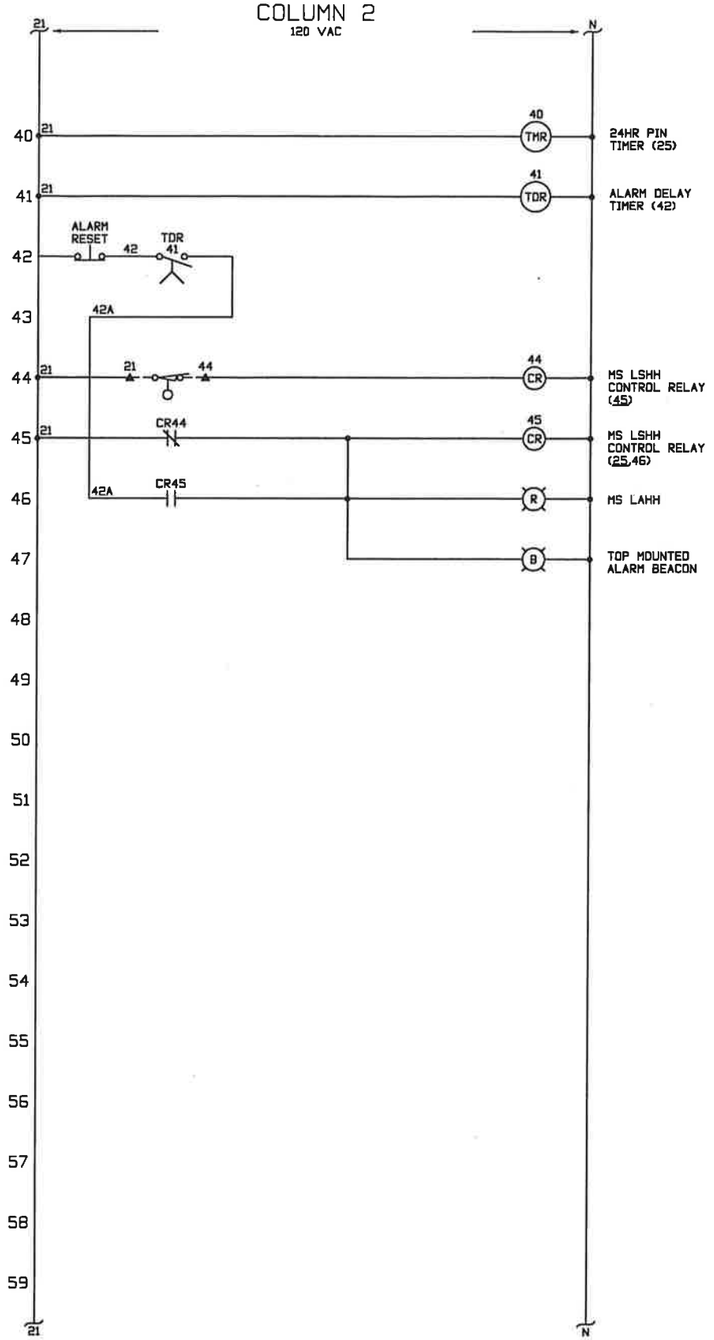


COLUMN 1

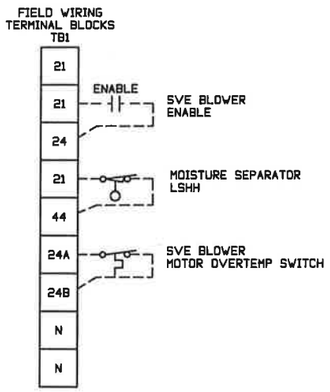
120 VAC

COLUMN 2

120 VAC



FIELD WIRING TERMINAL BLOCKS



REVISIONS

REV	DESCRIPTION	DATE	DWN
A	RELEASE FOR SUBMITTAL	06/03/22	RC
B	RELEASE FOR RESUBMITTAL	06/29/22	RC
C	RELEASE FOR PRODUCTION	07/08/22	RC
D	AS BUILT	08/08/22	RC

UNLESS SPECIFIED OTHERWISE
* DIMENSIONS ARE IN INCHES
* DO NOT SCALE DRAWING

DRAWN BY: RC
DESIGNED BY: RC
PROJECT MANAGER: RC
DATE: 05/31/22
PROJECT NO.: 5543

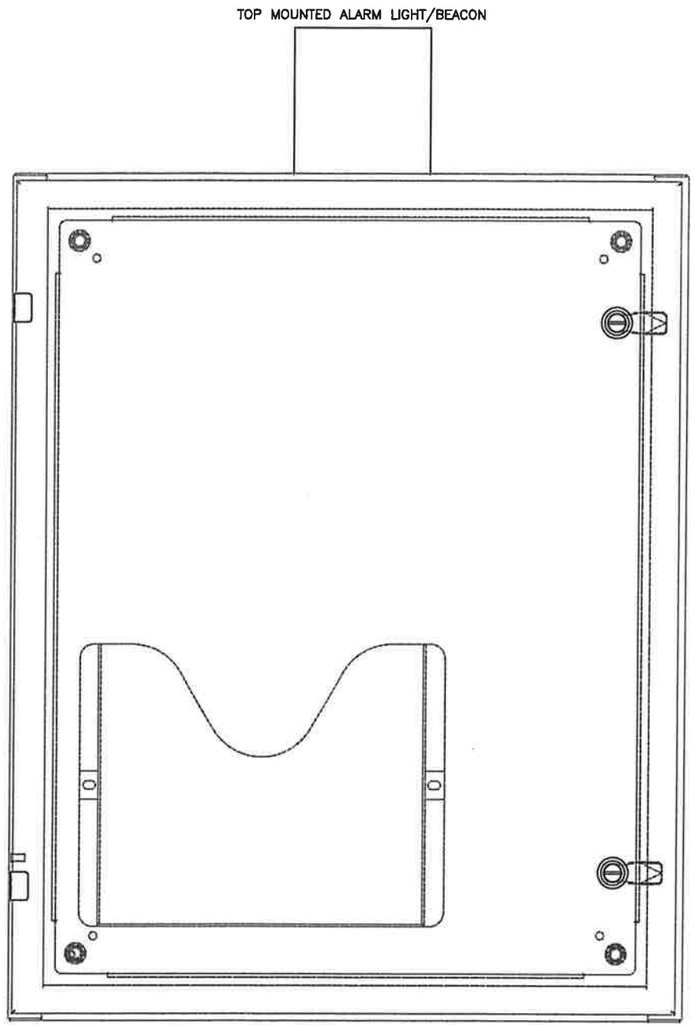
H2K Technologies, Inc.
7550 Commerce St, Corcoran, MN 55340 Tel: 763-746-9900

PROJECT TITLE:
RECONEX-
PILGRIM CLEANERS
MADISON, WI

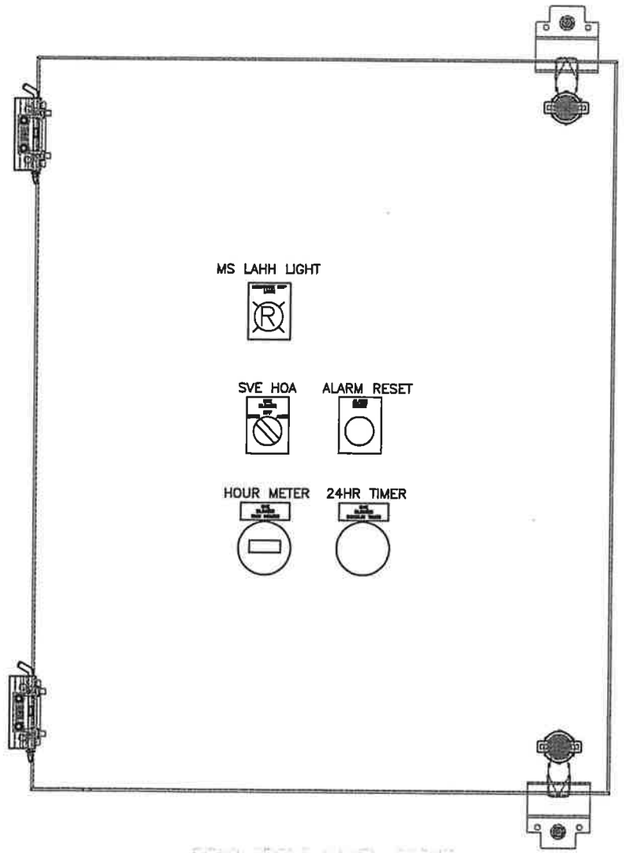
DRAWING TITLE:
SCHEMATIC CONTROL PANEL

SHEET 2 OF 2
DRAWING NO.:
5543-22

NEMA 4 ENCLOSURE–30"H X 24"W X 12"D
FOR SUBMITTAL ONLY – NOT FOR CONSTRUCITON



FRONT VIEW



REAR FRONT PANEL FRONT VIEW

REVISIONS				UNLESS SPECIFIED OTHERWISE
REV	DESCRIPTION	DATE	DWN	* DIMENSIONS ARE IN INCHES * DO NOT SCALE DRAWING
A	RELEASE FOR SUBMITTAL	06/03/22	RC	DRAWN BY: RC
B	RELEASE FOR RESUBMITTAL	06/29/22	RC	DESIGNED BY: RC
C	RELEASE FOR PRODUCTION	07/08/22	RC	PROJECT MANAGER: RC
D	AS BUILT	08/08/22	RC	DATE: 05/21/22
				PROJECT NO.: 5543

H2K Technologies, Inc.
7550 Commerce St, Corcoran, MN 55340, Tel: 763–746–9900

PROJECT TITLE:
RECONEX–
PILGRIM CLEANERS
MADISON, WI

DRAWING TITLE:
CONTROL PANEL LAYOUT

SHEET 3 OF 3

DRAWING NO.:
5543–23

Appendix E

SVE System Exhaust Laboratory Reports

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

October 21, 2022

Rob Langdon
SCS Engineers
2830 Dairy Dr.
Madison, WI 53718

RE: Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on October 14, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

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

Enclosures

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

CERTIFICATIONS

Project:	25211372.21 Pilgrim Cleaners
Pace Project No.:	10629764

Pace Analytical Services, LLC - Minneapolis MN

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

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

SAMPLE SUMMARY

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10629764001	**Pilgrim Cleaners - 1**	Air	10/10/22 11:03	10/14/22 11:05
10629764002	**Pilgrim Cleaners - 2**	Air	10/11/22 12:50	10/14/22 11:05
10629764003	**Pilgrim Cleaners - 3**	Air	10/12/22 09:46	10/14/22 11:05

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

SAMPLE ANALYTE COUNT

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10629764001	**Pilgrim Cleaners - 1**	TO-15	SW	62	PASI-M
10629764002	**Pilgrim Cleaners - 2**	TO-15	SW	62	PASI-M
10629764003	**Pilgrim Cleaners - 3**	TO-15	MJL, SW	62	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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

SUMMARY OF DETECTION

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10629764001	**Pilgrim Cleaners - 1**					
TO-15	Dichlorodifluoromethane	1330	ug/m3	470	10/20/22 05:46	
TO-15	cis-1,2-Dichloroethene	6890	ug/m3	375	10/20/22 05:46	
TO-15	trans-1,2-Dichloroethene	1000	ug/m3	375	10/20/22 05:46	
TO-15	Ethylbenzene	228J	ug/m3	411	10/20/22 05:46	
TO-15	Tetrachloroethene	92300	ug/m3	642	10/20/22 05:46	
TO-15	Tetrahydrofuran	21700	ug/m3	279	10/20/22 05:46	
TO-15	Toluene	206J	ug/m3	357	10/20/22 05:46	
TO-15	Trichloroethene	573	ug/m3	254	10/20/22 05:46	
TO-15	o-Xylene	108J	ug/m3	411	10/20/22 05:46	
10629764002	**Pilgrim Cleaners - 2**					
TO-15	Chloroform	13.9J	ug/m3	28.9	10/20/22 05:13	
TO-15	Dichlorodifluoromethane	624	ug/m3	58.8	10/20/22 05:13	
TO-15	cis-1,2-Dichloroethene	2880	ug/m3	46.9	10/20/22 05:13	C8
TO-15	trans-1,2-Dichloroethene	351	ug/m3	46.9	10/20/22 05:13	
TO-15	Ethylbenzene	35.8J	ug/m3	51.4	10/20/22 05:13	
TO-15	n-Heptane	10.8J	ug/m3	48.5	10/20/22 05:13	
TO-15	Tetrachloroethene	23300	ug/m3	321	10/20/22 13:31	
TO-15	Tetrahydrofuran	2350	ug/m3	34.9	10/20/22 05:13	
TO-15	Toluene	65.5	ug/m3	44.6	10/20/22 05:13	
TO-15	Trichloroethene	180	ug/m3	31.8	10/20/22 05:13	
TO-15	1,2,4-Trimethylbenzene	32.1J	ug/m3	58.1	10/20/22 05:13	
TO-15	Xylene (Total)	76.4J	ug/m3	154	10/20/22 05:13	
TO-15	m&p-Xylene	52.2J	ug/m3	103	10/20/22 05:13	
TO-15	o-Xylene	24.2J	ug/m3	51.4	10/20/22 05:13	
10629764003	**Pilgrim Cleaners - 3**					
TO-15	Acetone	19.2	ug/m3	12.7	10/20/22 04:41	
TO-15	Benzene	2.9	ug/m3	0.68	10/20/22 04:41	
TO-15	Bromodichloromethane	1.6J	ug/m3	2.9	10/20/22 04:41	
TO-15	Bromomethane	1.4J	ug/m3	1.7	10/20/22 04:41	
TO-15	2-Butanone (MEK)	14.3	ug/m3	6.3	10/20/22 04:41	
TO-15	Carbon disulfide	1.7	ug/m3	1.3	10/20/22 04:41	
TO-15	Chloroethane	0.87J	ug/m3	1.1	10/20/22 04:41	
TO-15	Chloroform	7.2	ug/m3	1.0	10/20/22 04:41	
TO-15	Chloromethane	1.8	ug/m3	0.88	10/20/22 04:41	
TO-15	Cyclohexane	12.5	ug/m3	3.7	10/20/22 04:41	
TO-15	Dichlorodifluoromethane	358	ug/m3	2.1	10/20/22 04:41	
TO-15	1,2-Dichloroethane	0.49J	ug/m3	1.7	10/20/22 04:41	
TO-15	1,1-Dichloroethene	1.7J	ug/m3	1.7	10/20/22 04:41	
TO-15	cis-1,2-Dichloroethene	755	ug/m3	203	10/20/22 21:50	
TO-15	trans-1,2-Dichloroethene	174	ug/m3	1.7	10/20/22 04:41	
TO-15	Ethanol	4.9	ug/m3	4.0	10/20/22 04:41	
TO-15	Ethylbenzene	7.5	ug/m3	1.9	10/20/22 04:41	
TO-15	4-Ethyltoluene	3.6J	ug/m3	5.2	10/20/22 04:41	
TO-15	n-Heptane	28.2	ug/m3	1.7	10/20/22 04:41	C8
TO-15	n-Hexane	3.8	ug/m3	1.5	10/20/22 04:41	
TO-15	Methylene Chloride	0.41J	ug/m3	7.4	10/20/22 04:41	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10629764003	**Pilgrim Cleaners - 3**					
TO-15	4-Methyl-2-pentanone (MIBK)	3.0J	ug/m3	8.7	10/20/22 04:41	
TO-15	2-Propanol	3.7J	ug/m3	5.2	10/20/22 04:41	
TO-15	Propylene	4.2	ug/m3	1.8	10/20/22 04:41	
TO-15	Styrene	2.5	ug/m3	1.8	10/20/22 04:41	
TO-15	Tetrachloroethene	5780	ug/m3	174	10/20/22 21:50	
TO-15	Tetrahydrofuran	277	ug/m3	151	10/20/22 21:50	
TO-15	Toluene	57.6	ug/m3	1.6	10/20/22 04:41	
TO-15	1,1,1-Trichloroethane	3.0	ug/m3	2.3	10/20/22 04:41	
TO-15	Trichloroethene	86.9	ug/m3	1.1	10/20/22 04:41	
TO-15	Trichlorofluoromethane	5.5	ug/m3	2.4	10/20/22 04:41	
TO-15	1,1,2-Trichlorotrifluoroethane	0.88J	ug/m3	3.3	10/20/22 04:41	
TO-15	1,2,4-Trimethylbenzene	4.3	ug/m3	2.1	10/20/22 04:41	
TO-15	1,3,5-Trimethylbenzene	1.8J	ug/m3	2.1	10/20/22 04:41	
TO-15	Vinyl chloride	1.2	ug/m3	0.55	10/20/22 04:41	
TO-15	Xylene (Total)	44.3	ug/m3	5.6	10/20/22 04:41	
TO-15	m&p-Xylene	33.3	ug/m3	3.7	10/20/22 04:41	
TO-15	o-Xylene	10.9	ug/m3	1.9	10/20/22 04:41	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Sample: Pilgrim Cleaners - 1 **Lab ID: 10629764001** Collected: 10/10/22 11:03 Received: 10/14/22 11:05 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	**<1040**	ug/m3	2810	1040	465.6		10/20/22 05:46	67-64-1	
Benzene	**<51.2**	ug/m3	151	51.2	465.6		10/20/22 05:46	71-43-2	
Benzyl chloride	**<358**	ug/m3	1220	358	465.6		10/20/22 05:46	100-44-7	
Bromodichloromethane	**<149**	ug/m3	633	149	465.6		10/20/22 05:46	75-27-4	
Bromoform	**<362**	ug/m3	2440	362	465.6		10/20/22 05:46	75-25-2	
Bromomethane	**<138**	ug/m3	367	138	465.6		10/20/22 05:46	74-83-9	
1,3-Butadiene	**<51.7**	ug/m3	210	51.7	465.6		10/20/22 05:46	106-99-0	
2-Butanone (MEK)	**<175**	ug/m3	1400	175	465.6		10/20/22 05:46	78-93-3	
Carbon disulfide	**<109**	ug/m3	295	109	465.6		10/20/22 05:46	75-15-0	
Carbon tetrachloride	**<195**	ug/m3	596	195	465.6		10/20/22 05:46	56-23-5	
Chlorobenzene	**<64.7**	ug/m3	436	64.7	465.6		10/20/22 05:46	108-90-7	
Chloroethane	**<95.4**	ug/m3	250	95.4	465.6		10/20/22 05:46	75-00-3	
Chloroform	**<62.4**	ug/m3	231	62.4	465.6		10/20/22 05:46	67-66-3	
Chloromethane	**<41.1**	ug/m3	196	41.1	465.6		10/20/22 05:46	74-87-3	
Cyclohexane	**<62.4**	ug/m3	815	62.4	465.6		10/20/22 05:46	110-82-7	
Dibromochloromethane	**<168**	ug/m3	805	168	465.6		10/20/22 05:46	124-48-1	
1,2-Dibromoethane (EDB)	**<144**	ug/m3	727	144	465.6		10/20/22 05:46	106-93-4	
1,2-Dichlorobenzene	**<401**	ug/m3	1420	401	465.6		10/20/22 05:46	95-50-1	
1,3-Dichlorobenzene	**<384**	ug/m3	1420	384	465.6		10/20/22 05:46	541-73-1	
1,4-Dichlorobenzene	**<378**	ug/m3	1420	378	465.6		10/20/22 05:46	106-46-7	
Dichlorodifluoromethane	**1330**	ug/m3	470	239	465.6		10/20/22 05:46	75-71-8	
1,1-Dichloroethane	**<49.8**	ug/m3	383	49.8	465.6		10/20/22 05:46	75-34-3	
1,2-Dichloroethane	**<59.1**	ug/m3	383	59.1	465.6		10/20/22 05:46	107-06-2	
1,1-Dichloroethene	**<76.4**	ug/m3	375	76.4	465.6		10/20/22 05:46	75-35-4	
cis-1,2-Dichloroethene	**6890**	ug/m3	375	99.6	465.6		10/20/22 05:46	156-59-2	
trans-1,2-Dichloroethene	**1000**	ug/m3	375	148	465.6		10/20/22 05:46	156-60-5	
1,2-Dichloropropane	**<93.6**	ug/m3	437	93.6	465.6		10/20/22 05:46	78-87-5	
cis-1,3-Dichloropropene	**<304**	ug/m3	1080	304	465.6		10/20/22 05:46	10061-01-5	
trans-1,3-Dichloropropene	**<362**	ug/m3	1080	362	465.6		10/20/22 05:46	10061-02-6	
Dichlorotetrafluoroethane	**<113**	ug/m3	661	113	465.6		10/20/22 05:46	76-14-2	
Ethanol	**<420**	ug/m3	894	420	465.6		10/20/22 05:46	64-17-5	
Ethyl acetate	**<74.5**	ug/m3	341	74.5	465.6		10/20/22 05:46	141-78-6	
Ethylbenzene	**228J**	ug/m3	411	83.3	465.6		10/20/22 05:46	100-41-4	
4-Ethyltoluene	**<189**	ug/m3	1160	189	465.6		10/20/22 05:46	622-96-8	
n-Heptane	**<60.1**	ug/m3	388	60.1	465.6		10/20/22 05:46	142-82-5	
Hexachloro-1,3-butadiene	**<819**	ug/m3	2520	819	465.6		10/20/22 05:46	87-68-3	
n-Hexane	**<108**	ug/m3	333	108	465.6		10/20/22 05:46	110-54-3	
2-Hexanone	**<320**	ug/m3	1940	320	465.6		10/20/22 05:46	591-78-6	
Methylene Chloride	**<58.2**	ug/m3	1640	58.2	465.6		10/20/22 05:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<250**	ug/m3	1940	250	465.6		10/20/22 05:46	108-10-1	
Methyl-tert-butyl ether	**<116**	ug/m3	1700	116	465.6		10/20/22 05:46	1634-04-4	
Naphthalene	**<973**	ug/m3	1240	973	465.6		10/20/22 05:46	91-20-3	
2-Propanol	**<447**	ug/m3	1160	447	465.6		10/20/22 05:46	67-63-0	
Propylene	**<166**	ug/m3	407	166	465.6		10/20/22 05:46	115-07-1	
Styrene	**<193**	ug/m3	403	193	465.6		10/20/22 05:46	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Sample: Pilgrim Cleaners - 1 **Lab ID: 10629764001** Collected: 10/10/22 11:03 Received: 10/14/22 11:05 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	**<134**	ug/m3	652	134	465.6		10/20/22 05:46	79-34-5	
Tetrachloroethene	**92300**	ug/m3	642	115	465.6		10/20/22 05:46	127-18-4	
Tetrahydrofuran	**21700**	ug/m3	279	86.6	465.6		10/20/22 05:46	109-99-9	
Toluene	**206J**	ug/m3	357	75.4	465.6		10/20/22 05:46	108-88-3	
1,2,4-Trichlorobenzene	**<2670**	ug/m3	3510	2670	465.6		10/20/22 05:46	120-82-1	
1,1,1-Trichloroethane	**<84.3**	ug/m3	517	84.3	465.6		10/20/22 05:46	71-55-6	
1,1,2-Trichloroethane	**<120**	ug/m3	258	120	465.6		10/20/22 05:46	79-00-5	
Trichloroethene	**573**	ug/m3	254	111	465.6		10/20/22 05:46	79-01-6	
Trichlorofluoromethane	**<94.1**	ug/m3	531	94.1	465.6		10/20/22 05:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<106**	ug/m3	726	106	465.6		10/20/22 05:46	76-13-1	
1,2,4-Trimethylbenzene	**<163**	ug/m3	465	163	465.6		10/20/22 05:46	95-63-6	
1,3,5-Trimethylbenzene	**<128**	ug/m3	465	128	465.6		10/20/22 05:46	108-67-8	
Vinyl acetate	**<81.9**	ug/m3	333	81.9	465.6		10/20/22 05:46	108-05-4	
Vinyl chloride	**<44.7**	ug/m3	121	44.7	465.6		10/20/22 05:46	75-01-4	
Xylene (Total)	**<229**	ug/m3	1230	229	465.6		10/20/22 05:46	1330-20-7	
m&p-Xylene	**<229**	ug/m3	824	229	465.6		10/20/22 05:46	179601-23-1	
o-Xylene	**108J**	ug/m3	411	82.9	465.6		10/20/22 05:46	95-47-6	

Sample: Pilgrim Cleaners - 2 **Lab ID: 10629764002** Collected: 10/11/22 12:50 Received: 10/14/22 11:05 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	**<130**	ug/m3	352	130	58.2		10/20/22 05:13	67-64-1	
Benzene	**<6.4**	ug/m3	18.9	6.4	58.2		10/20/22 05:13	71-43-2	
Benzyl chloride	**<44.7**	ug/m3	153	44.7	58.2		10/20/22 05:13	100-44-7	
Bromodichloromethane	**<18.6**	ug/m3	79.2	18.6	58.2		10/20/22 05:13	75-27-4	
Bromoform	**<45.3**	ug/m3	306	45.3	58.2		10/20/22 05:13	75-25-2	
Bromomethane	**<17.2**	ug/m3	45.9	17.2	58.2		10/20/22 05:13	74-83-9	
1,3-Butadiene	**<6.5**	ug/m3	26.2	6.5	58.2		10/20/22 05:13	106-99-0	
2-Butanone (MEK)	**<21.8**	ug/m3	175	21.8	58.2		10/20/22 05:13	78-93-3	
Carbon disulfide	**<13.6**	ug/m3	36.8	13.6	58.2		10/20/22 05:13	75-15-0	
Carbon tetrachloride	**<24.4**	ug/m3	74.5	24.4	58.2		10/20/22 05:13	56-23-5	
Chlorobenzene	**<8.1**	ug/m3	54.5	8.1	58.2		10/20/22 05:13	108-90-7	
Chloroethane	**<11.9**	ug/m3	31.2	11.9	58.2		10/20/22 05:13	75-00-3	
Chloroform	**13.9J**	ug/m3	28.9	7.8	58.2		10/20/22 05:13	67-66-3	
Chloromethane	**<5.1**	ug/m3	24.4	5.1	58.2		10/20/22 05:13	74-87-3	
Cyclohexane	**<7.8**	ug/m3	102	7.8	58.2		10/20/22 05:13	110-82-7	
Dibromochloromethane	**<21.0**	ug/m3	101	21.0	58.2		10/20/22 05:13	124-48-1	
1,2-Dibromoethane (EDB)	**<18.0**	ug/m3	90.9	18.0	58.2		10/20/22 05:13	106-93-4	
1,2-Dichlorobenzene	**<50.2**	ug/m3	178	50.2	58.2		10/20/22 05:13	95-50-1	
1,3-Dichlorobenzene	**<48.0**	ug/m3	178	48.0	58.2		10/20/22 05:13	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Sample: Pilgrim Cleaners - 2 **Lab ID: 10629764002** Collected: 10/11/22 12:50 Received: 10/14/22 11:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,4-Dichlorobenzene	**<47.2**	ug/m3	178	47.2	58.2		10/20/22 05:13	106-46-7	
Dichlorodifluoromethane	**624**	ug/m3	58.8	29.9	58.2		10/20/22 05:13	75-71-8	
1,1-Dichloroethane	**<6.2**	ug/m3	47.9	6.2	58.2		10/20/22 05:13	75-34-3	
1,2-Dichloroethane	**<7.4**	ug/m3	47.9	7.4	58.2		10/20/22 05:13	107-06-2	
1,1-Dichloroethene	**<9.5**	ug/m3	46.9	9.5	58.2		10/20/22 05:13	75-35-4	
cis-1,2-Dichloroethene	**2880**	ug/m3	46.9	12.5	58.2		10/20/22 05:13	156-59-2	C8
trans-1,2-Dichloroethene	**351**	ug/m3	46.9	18.4	58.2		10/20/22 05:13	156-60-5	
1,2-Dichloropropane	**<11.7**	ug/m3	54.6	11.7	58.2		10/20/22 05:13	78-87-5	
cis-1,3-Dichloropropene	**<38.0**	ug/m3	134	38.0	58.2		10/20/22 05:13	10061-01-5	
trans-1,3-Dichloropropene	**<45.2**	ug/m3	134	45.2	58.2		10/20/22 05:13	10061-02-6	
Dichlorotetrafluoroethane	**<14.1**	ug/m3	82.6	14.1	58.2		10/20/22 05:13	76-14-2	
Ethanol	**<52.5**	ug/m3	112	52.5	58.2		10/20/22 05:13	64-17-5	
Ethyl acetate	**<9.3**	ug/m3	42.7	9.3	58.2		10/20/22 05:13	141-78-6	
Ethylbenzene	**35.8J**	ug/m3	51.4	10.4	58.2		10/20/22 05:13	100-41-4	
4-Ethyltoluene	**<23.7**	ug/m3	146	23.7	58.2		10/20/22 05:13	622-96-8	
n-Heptane	**10.8J**	ug/m3	48.5	7.5	58.2		10/20/22 05:13	142-82-5	
Hexachloro-1,3-butadiene	**<102**	ug/m3	315	102	58.2		10/20/22 05:13	87-68-3	
n-Hexane	**<13.5**	ug/m3	41.7	13.5	58.2		10/20/22 05:13	110-54-3	
2-Hexanone	**<40.0**	ug/m3	242	40.0	58.2		10/20/22 05:13	591-78-6	
Methylene Chloride	**<7.3**	ug/m3	205	7.3	58.2		10/20/22 05:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<31.3**	ug/m3	242	31.3	58.2		10/20/22 05:13	108-10-1	
Methyl-tert-butyl ether	**<14.6**	ug/m3	213	14.6	58.2		10/20/22 05:13	1634-04-4	
Naphthalene	**<122**	ug/m3	155	122	58.2		10/20/22 05:13	91-20-3	
2-Propanol	**<55.8**	ug/m3	146	55.8	58.2		10/20/22 05:13	67-63-0	
Propylene	**<20.8**	ug/m3	50.9	20.8	58.2		10/20/22 05:13	115-07-1	
Styrene	**<24.2**	ug/m3	50.4	24.2	58.2		10/20/22 05:13	100-42-5	
1,1,2,2-Tetrachloroethane	**<16.7**	ug/m3	81.5	16.7	58.2		10/20/22 05:13	79-34-5	
Tetrachloroethene	**23300**	ug/m3	321	57.7	232.8		10/20/22 13:31	127-18-4	
Tetrahydrofuran	**2350**	ug/m3	34.9	10.8	58.2		10/20/22 05:13	109-99-9	
Toluene	**65.5**	ug/m3	44.6	9.4	58.2		10/20/22 05:13	108-88-3	
1,2,4-Trichlorobenzene	**<333**	ug/m3	439	333	58.2		10/20/22 05:13	120-82-1	
1,1,1-Trichloroethane	**<10.5**	ug/m3	64.6	10.5	58.2		10/20/22 05:13	71-55-6	
1,1,2-Trichloroethane	**<15.0**	ug/m3	32.3	15.0	58.2		10/20/22 05:13	79-00-5	
Trichloroethene	**180**	ug/m3	31.8	13.9	58.2		10/20/22 05:13	79-01-6	
Trichlorofluoromethane	**<11.8**	ug/m3	66.3	11.8	58.2		10/20/22 05:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<13.3**	ug/m3	90.8	13.3	58.2		10/20/22 05:13	76-13-1	
1,2,4-Trimethylbenzene	**32.1J**	ug/m3	58.1	20.4	58.2		10/20/22 05:13	95-63-6	
1,3,5-Trimethylbenzene	**<15.9**	ug/m3	58.1	15.9	58.2		10/20/22 05:13	108-67-8	
Vinyl acetate	**<10.2**	ug/m3	41.7	10.2	58.2		10/20/22 05:13	108-05-4	
Vinyl chloride	**<5.6**	ug/m3	15.1	5.6	58.2		10/20/22 05:13	75-01-4	
Xylene (Total)	**76.4J**	ug/m3	154	28.6	58.2		10/20/22 05:13	1330-20-7	
m&p-Xylene	**52.2J**	ug/m3	103	28.6	58.2		10/20/22 05:13	179601-23-1	
o-Xylene	**24.2J**	ug/m3	51.4	10.4	58.2		10/20/22 05:13	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Sample: Pilgrim Cleaners - 3 **Lab ID: 10629764003** Collected: 10/12/22 09:46 Received: 10/14/22 11:05 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	**19.2**	ug/m3	12.7	4.7	2.1		10/20/22 04:41	67-64-1	
Benzene	**2.9**	ug/m3	0.68	0.23	2.1		10/20/22 04:41	71-43-2	
Benzyl chloride	**<1.6**	ug/m3	5.5	1.6	2.1		10/20/22 04:41	100-44-7	
Bromodichloromethane	**1.6J**	ug/m3	2.9	0.67	2.1		10/20/22 04:41	75-27-4	
Bromoform	**<1.6**	ug/m3	11.0	1.6	2.1		10/20/22 04:41	75-25-2	
Bromomethane	**1.4J**	ug/m3	1.7	0.62	2.1		10/20/22 04:41	74-83-9	
1,3-Butadiene	**<0.23**	ug/m3	0.94	0.23	2.1		10/20/22 04:41	106-99-0	
2-Butanone (MEK)	**14.3**	ug/m3	6.3	0.79	2.1		10/20/22 04:41	78-93-3	
Carbon disulfide	**1.7**	ug/m3	1.3	0.49	2.1		10/20/22 04:41	75-15-0	
Carbon tetrachloride	**<0.88**	ug/m3	2.7	0.88	2.1		10/20/22 04:41	56-23-5	
Chlorobenzene	**<0.29**	ug/m3	2.0	0.29	2.1		10/20/22 04:41	108-90-7	
Chloroethane	**0.87J**	ug/m3	1.1	0.43	2.1		10/20/22 04:41	75-00-3	
Chloroform	**7.2**	ug/m3	1.0	0.28	2.1		10/20/22 04:41	67-66-3	
Chloromethane	**1.8**	ug/m3	0.88	0.19	2.1		10/20/22 04:41	74-87-3	
Cyclohexane	**12.5**	ug/m3	3.7	0.28	2.1		10/20/22 04:41	110-82-7	
Dibromochloromethane	**<0.76**	ug/m3	3.6	0.76	2.1		10/20/22 04:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.65**	ug/m3	3.3	0.65	2.1		10/20/22 04:41	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/m3	6.4	1.8	2.1		10/20/22 04:41	95-50-1	
1,3-Dichlorobenzene	**<1.7**	ug/m3	6.4	1.7	2.1		10/20/22 04:41	541-73-1	
1,4-Dichlorobenzene	**<1.7**	ug/m3	6.4	1.7	2.1		10/20/22 04:41	106-46-7	
Dichlorodifluoromethane	**358**	ug/m3	2.1	1.1	2.1		10/20/22 04:41	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/m3	1.7	0.22	2.1		10/20/22 04:41	75-34-3	
1,2-Dichloroethane	**0.49J**	ug/m3	1.7	0.27	2.1		10/20/22 04:41	107-06-2	
1,1-Dichloroethene	**1.7J**	ug/m3	1.7	0.34	2.1		10/20/22 04:41	75-35-4	
cis-1,2-Dichloroethene	**755**	ug/m3	203	53.9	252		10/20/22 21:50	156-59-2	
trans-1,2-Dichloroethene	**174**	ug/m3	1.7	0.67	2.1		10/20/22 04:41	156-60-5	
1,2-Dichloropropane	**<0.42**	ug/m3	2.0	0.42	2.1		10/20/22 04:41	78-87-5	
cis-1,3-Dichloropropene	**<1.4**	ug/m3	4.9	1.4	2.1		10/20/22 04:41	10061-01-5	
trans-1,3-Dichloropropene	**<1.6**	ug/m3	4.9	1.6	2.1		10/20/22 04:41	10061-02-6	
Dichlorotetrafluoroethane	**<0.51**	ug/m3	3.0	0.51	2.1		10/20/22 04:41	76-14-2	
Ethanol	**4.9**	ug/m3	4.0	1.9	2.1		10/20/22 04:41	64-17-5	
Ethyl acetate	**<0.34**	ug/m3	1.5	0.34	2.1		10/20/22 04:41	141-78-6	
Ethylbenzene	**7.5**	ug/m3	1.9	0.38	2.1		10/20/22 04:41	100-41-4	
4-Ethyltoluene	**3.6J**	ug/m3	5.2	0.85	2.1		10/20/22 04:41	622-96-8	
n-Heptane	**28.2**	ug/m3	1.7	0.27	2.1		10/20/22 04:41	142-82-5	C8
Hexachloro-1,3-butadiene	**<3.7**	ug/m3	11.4	3.7	2.1		10/20/22 04:41	87-68-3	
n-Hexane	**3.8**	ug/m3	1.5	0.49	2.1		10/20/22 04:41	110-54-3	
2-Hexanone	**<1.4**	ug/m3	8.7	1.4	2.1		10/20/22 04:41	591-78-6	
Methylene Chloride	**0.41J**	ug/m3	7.4	0.26	2.1		10/20/22 04:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**3.0J**	ug/m3	8.7	1.1	2.1		10/20/22 04:41	108-10-1	
Methyl-tert-butyl ether	**<0.52**	ug/m3	7.7	0.52	2.1		10/20/22 04:41	1634-04-4	
Naphthalene	**<4.4**	ug/m3	5.6	4.4	2.1		10/20/22 04:41	91-20-3	
2-Propanol	**3.7J**	ug/m3	5.2	2.0	2.1		10/20/22 04:41	67-63-0	
Propylene	**4.2**	ug/m3	1.8	0.75	2.1		10/20/22 04:41	115-07-1	
Styrene	**2.5**	ug/m3	1.8	0.87	2.1		10/20/22 04:41	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Sample: Pilgrim Cleaners - 3 **Lab ID: 10629764003** Collected: 10/12/22 09:46 Received: 10/14/22 11:05 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	**<0.60**	ug/m3	2.9	0.60	2.1		10/20/22 04:41	79-34-5	
Tetrachloroethene	**5780**	ug/m3	174	62.5	252		10/20/22 21:50	127-18-4	
Tetrahydrofuran	**277**	ug/m3	151	46.9	252		10/20/22 21:50	109-99-9	
Toluene	**57.6**	ug/m3	1.6	0.34	2.1		10/20/22 04:41	108-88-3	
1,2,4-Trichlorobenzene	**<12.0**	ug/m3	15.8	12.0	2.1		10/20/22 04:41	120-82-1	
1,1,1-Trichloroethane	**3.0**	ug/m3	2.3	0.38	2.1		10/20/22 04:41	71-55-6	
1,1,2-Trichloroethane	**<0.54**	ug/m3	1.2	0.54	2.1		10/20/22 04:41	79-00-5	
Trichloroethene	**86.9**	ug/m3	1.1	0.50	2.1		10/20/22 04:41	79-01-6	
Trichlorofluoromethane	**5.5**	ug/m3	2.4	0.42	2.1		10/20/22 04:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.88J**	ug/m3	3.3	0.48	2.1		10/20/22 04:41	76-13-1	
1,2,4-Trimethylbenzene	**4.3**	ug/m3	2.1	0.74	2.1		10/20/22 04:41	95-63-6	
1,3,5-Trimethylbenzene	**1.8J**	ug/m3	2.1	0.58	2.1		10/20/22 04:41	108-67-8	
Vinyl acetate	**<0.37**	ug/m3	1.5	0.37	2.1		10/20/22 04:41	108-05-4	
Vinyl chloride	**1.2**	ug/m3	0.55	0.20	2.1		10/20/22 04:41	75-01-4	
Xylene (Total)	**44.3**	ug/m3	5.6	1.0	2.1		10/20/22 04:41	1330-20-7	
m&p-Xylene	**33.3**	ug/m3	3.7	1.0	2.1		10/20/22 04:41	179601-23-1	
o-Xylene	**10.9**	ug/m3	1.9	0.37	2.1		10/20/22 04:41	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

QC Batch: 847950
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10629764001, 10629764002, 10629764003

METHOD BLANK: 4485863 Matrix: Air
Associated Lab Samples: 10629764001, 10629764002, 10629764003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.090	0.56	10/19/22 09:22	
1,1,2,2-Tetrachloroethane	ug/m3	<0.14	0.70	10/19/22 09:22	
1,1,2-Trichloroethane	ug/m3	<0.13	0.28	10/19/22 09:22	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.11	0.78	10/19/22 09:22	
1,1-Dichloroethane	ug/m3	<0.054	0.41	10/19/22 09:22	
1,1-Dichloroethene	ug/m3	<0.082	0.40	10/19/22 09:22	
1,2,4-Trichlorobenzene	ug/m3	<2.9	3.8	10/19/22 09:22	
1,2,4-Trimethylbenzene	ug/m3	<0.18	0.50	10/19/22 09:22	
1,2-Dibromoethane (EDB)	ug/m3	<0.15	0.78	10/19/22 09:22	MN
1,2-Dichlorobenzene	ug/m3	<0.43	1.5	10/19/22 09:22	
1,2-Dichloroethane	ug/m3	<0.064	0.41	10/19/22 09:22	
1,2-Dichloropropane	ug/m3	<0.10	0.47	10/19/22 09:22	
1,3,5-Trimethylbenzene	ug/m3	<0.14	0.50	10/19/22 09:22	
1,3-Butadiene	ug/m3	<0.056	0.22	10/19/22 09:22	
1,3-Dichlorobenzene	ug/m3	<0.41	1.5	10/19/22 09:22	
1,4-Dichlorobenzene	ug/m3	<0.41	1.5	10/19/22 09:22	
2-Butanone (MEK)	ug/m3	<0.19	1.5	10/19/22 09:22	
2-Hexanone	ug/m3	<0.34	2.1	10/19/22 09:22	
2-Propanol	ug/m3	<0.48	1.2	10/19/22 09:22	
4-Ethyltoluene	ug/m3	<0.20	1.2	10/19/22 09:22	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.27	2.1	10/19/22 09:22	
Acetone	ug/m3	<1.1	3.0	10/19/22 09:22	
Benzene	ug/m3	<0.055	0.16	10/19/22 09:22	
Benzyl chloride	ug/m3	<0.38	1.3	10/19/22 09:22	
Bromodichloromethane	ug/m3	<0.16	0.68	10/19/22 09:22	
Bromoform	ug/m3	<0.39	2.6	10/19/22 09:22	
Bromomethane	ug/m3	<0.15	0.39	10/19/22 09:22	
Carbon disulfide	ug/m3	<0.12	0.32	10/19/22 09:22	
Carbon tetrachloride	ug/m3	<0.21	0.64	10/19/22 09:22	
Chlorobenzene	ug/m3	<0.070	0.47	10/19/22 09:22	
Chloroethane	ug/m3	<0.10	0.27	10/19/22 09:22	
Chloroform	ug/m3	<0.067	0.25	10/19/22 09:22	
Chloromethane	ug/m3	<0.044	0.21	10/19/22 09:22	
cis-1,2-Dichloroethene	ug/m3	<0.11	0.40	10/19/22 09:22	
cis-1,3-Dichloropropene	ug/m3	<0.33	1.2	10/19/22 09:22	
Cyclohexane	ug/m3	<0.067	0.88	10/19/22 09:22	
Dibromochloromethane	ug/m3	<0.18	0.86	10/19/22 09:22	
Dichlorodifluoromethane	ug/m3	<0.26	0.50	10/19/22 09:22	
Dichlorotetrafluoroethane	ug/m3	<0.12	0.71	10/19/22 09:22	
Ethanol	ug/m3	<0.45	0.96	10/19/22 09:22	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

METHOD BLANK: 4485863 Matrix: Air
Associated Lab Samples: 10629764001, 10629764002, 10629764003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.080	0.37	10/19/22 09:22	
Ethylbenzene	ug/m3	<0.090	0.44	10/19/22 09:22	
Hexachloro-1,3-butadiene	ug/m3	<0.88	2.7	10/19/22 09:22	
m&p-Xylene	ug/m3	<0.25	0.88	10/19/22 09:22	
Methyl-tert-butyl ether	ug/m3	<0.12	1.8	10/19/22 09:22	
Methylene Chloride	ug/m3	<0.062	1.8	10/19/22 09:22	
n-Heptane	ug/m3	<0.064	0.42	10/19/22 09:22	
n-Hexane	ug/m3	<0.12	0.36	10/19/22 09:22	
Naphthalene	ug/m3	<1.0	1.3	10/19/22 09:22	
o-Xylene	ug/m3	<0.089	0.44	10/19/22 09:22	
Propylene	ug/m3	<0.18	0.44	10/19/22 09:22	
Styrene	ug/m3	<0.21	0.43	10/19/22 09:22	
Tetrachloroethene	ug/m3	<0.12	0.69	10/19/22 09:22	MN
Tetrahydrofuran	ug/m3	<0.093	0.30	10/19/22 09:22	
Toluene	ug/m3	<0.081	0.38	10/19/22 09:22	
trans-1,2-Dichloroethene	ug/m3	<0.16	0.40	10/19/22 09:22	
trans-1,3-Dichloropropene	ug/m3	<0.39	1.2	10/19/22 09:22	
Trichloroethene	ug/m3	<0.12	0.27	10/19/22 09:22	
Trichlorofluoromethane	ug/m3	<0.10	0.57	10/19/22 09:22	
Vinyl acetate	ug/m3	<0.088	0.36	10/19/22 09:22	
Vinyl chloride	ug/m3	<0.048	0.13	10/19/22 09:22	
Xylene (Total)	ug/m3	<0.25	1.3	10/19/22 09:22	

LABORATORY CONTROL SAMPLE: 4485864

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58	63.3	109	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	72.8	77.6	107	70-132	
1,1,2-Trichloroethane	ug/m3	58.3	64.9	111	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.2	84.7	104	70-130	
1,1-Dichloroethane	ug/m3	42.5	45.9	108	70-130	
1,1-Dichloroethene	ug/m3	41.9	44.4	106	70-130	
1,2,4-Trichlorobenzene	ug/m3	175	164	94	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.5	54.6	104	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.5	86.3	107	70-137	
1,2-Dichlorobenzene	ug/m3	63.9	65.2	102	70-131	
1,2-Dichloroethane	ug/m3	42.4	45.4	107	70-134	
1,2-Dichloropropane	ug/m3	49.3	54.1	110	70-130	
1,3,5-Trimethylbenzene	ug/m3	52.4	54.9	105	70-131	
1,3-Butadiene	ug/m3	23.9	24.9	104	70-139	
1,3-Dichlorobenzene	ug/m3	64.2	65.1	101	70-134	
1,4-Dichlorobenzene	ug/m3	64.3	64.8	101	70-131	
2-Butanone (MEK)	ug/m3	31.3	35.5	113	70-133	
2-Hexanone	ug/m3	43.4	57.8	133	70-136	CH

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

LABORATORY CONTROL SAMPLE: 4485864

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Propanol	ug/m3	137	140	102	65-133	
4-Ethyltoluene	ug/m3	52.3	54.7	105	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	55.2	127	70-130	
Acetone	ug/m3	127	130	102	60-134	
Benzene	ug/m3	33.8	38.7	115	70-130	
Benzyl chloride	ug/m3	55.6	52.9	95	70-130	
Bromodichloromethane	ug/m3	71.5	83.2	116	70-130	
Bromoform	ug/m3	110	107	97	70-138	
Bromomethane	ug/m3	41.4	40.0	97	68-131	
Carbon disulfide	ug/m3	33	38.0	115	70-130	
Carbon tetrachloride	ug/m3	66.7	73.9	111	70-132	
Chlorobenzene	ug/m3	49	52.6	107	70-130	
Chloroethane	ug/m3	28.1	26.3	94	70-134	
Chloroform	ug/m3	52.1	55.1	106	70-130	
Chloromethane	ug/m3	22	21.2	97	68-131	
cis-1,2-Dichloroethene	ug/m3	42.1	46.0	109	70-136	
cis-1,3-Dichloropropene	ug/m3	48.2	56.5	117	70-130	
Cyclohexane	ug/m3	36.4	45.6	125	70-131	
Dibromochloromethane	ug/m3	90.6	96.6	107	70-134	
Dichlorodifluoromethane	ug/m3	52.5	51.6	98	70-130	
Dichlorotetrafluoroethane	ug/m3	74.4	68.5	92	70-130	
Ethanol	ug/m3	113	111	98	55-145	
Ethyl acetate	ug/m3	38.4	43.0	112	70-135	
Ethylbenzene	ug/m3	46.2	50.1	108	70-133	
Hexachloro-1,3-butadiene	ug/m3	130	127	98	70-132	
m&p-Xylene	ug/m3	92.4	109	118	70-134	
Methyl-tert-butyl ether	ug/m3	38.3	45.1	118	70-131	
Methylene Chloride	ug/m3	36.8	38.6	105	65-132	
n-Heptane	ug/m3	43.5	54.1	124	70-130	
n-Hexane	ug/m3	37.7	42.4	112	70-132	
Naphthalene	ug/m3	63.9	62.9	99	70-130	
o-Xylene	ug/m3	46	49.7	108	70-134	
Propylene	ug/m3	18.6	20.1	108	69-133	
Styrene	ug/m3	45.3	47.8	106	70-135	
Tetrachloroethene	ug/m3	72	68.9	96	70-134	
Tetrahydrofuran	ug/m3	31.3	37.5	120	70-140	
Toluene	ug/m3	40.2	50.6	126	70-136	
trans-1,2-Dichloroethene	ug/m3	42.3	45.2	107	70-134	
trans-1,3-Dichloropropene	ug/m3	48.4	48.8	101	70-131	
Trichloroethene	ug/m3	57.2	61.8	108	70-134	
Trichlorofluoromethane	ug/m3	60.3	58.3	97	63-130	
Vinyl acetate	ug/m3	38.7	46.0	119	70-139	
Vinyl chloride	ug/m3	27.2	27.4	100	70-132	
Xylene (Total)	ug/m3	138	159	115	70-137	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

SAMPLE DUPLICATE: 4487588

Parameter	Units	10628801011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.57	<0.57		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.90	<0.90		25	
1,1,2-Trichloroethane	ug/m3	<0.81	<0.81		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.77J	0.74J		25	
1,1-Dichloroethane	ug/m3	<0.33	<0.33		25	
1,1-Dichloroethene	ug/m3	<0.51	<0.51		25	
1,2,4-Trichlorobenzene	ug/m3	<17.9	<17.9		25	
1,2,4-Trimethylbenzene	ug/m3	2.4J	2.3J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.97	<0.97		25	
1,2-Dichlorobenzene	ug/m3	<2.7	<2.7		25	
1,2-Dichloroethane	ug/m3	<0.40	<0.40		25	
1,2-Dichloropropane	ug/m3	<0.63	<0.63		25	
1,3,5-Trimethylbenzene	ug/m3	1.6J	1.6J		25	
1,3-Butadiene	ug/m3	<0.35	<0.35		25	
1,3-Dichlorobenzene	ug/m3	<2.6	<2.6		25	
1,4-Dichlorobenzene	ug/m3	<2.5	<2.5		25	
2-Butanone (MEK)	ug/m3	7.8J	8.6J		25	
2-Hexanone	ug/m3	<2.2	<2.2		25	
2-Propanol	ug/m3	8.5	8.2	4	25	
4-Ethyltoluene	ug/m3	2.7J	2.7J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<1.7	<1.7		25	
Acetone	ug/m3	64.1	60.6	6	25	
Benzene	ug/m3	0.49J	0.49J		25	
Benzyl chloride	ug/m3	<2.4	<2.4		25	
Bromodichloromethane	ug/m3	<1.0	<1.0		25	
Bromoform	ug/m3	<2.4	<2.4		25	
Bromomethane	ug/m3	<0.93	<0.93		25	
Carbon disulfide	ug/m3	<0.73	<0.73		25	
Carbon tetrachloride	ug/m3	<1.3	<1.3		25	
Chlorobenzene	ug/m3	<0.44	<0.44		25	
Chloroethane	ug/m3	<0.64	<0.64		25	
Chloroform	ug/m3	<0.42	<0.42		25	
Chloromethane	ug/m3	0.46J	0.49J		25	
cis-1,2-Dichloroethene	ug/m3	<0.67	<0.67		25	
cis-1,3-Dichloropropene	ug/m3	<2.0	<2.0		25	
Cyclohexane	ug/m3	17.3	17.0	2	25	
Dibromochloromethane	ug/m3	<1.1	<1.1		25	
Dichlorodifluoromethane	ug/m3	3.1J	3.0J		25	
Dichlorotetrafluoroethane	ug/m3	<0.76	<0.76		25	
Ethanol	ug/m3	51.7	49.7	4	25	
Ethyl acetate	ug/m3	0.74J	0.64J		25	
Ethylbenzene	ug/m3	2.0J	2.0J		25	
Hexachloro-1,3-butadiene	ug/m3	<5.5	<5.5		25	
m&p-Xylene	ug/m3	2.9J	2.5J		25	
Methyl-tert-butyl ether	ug/m3	<0.78	<0.78		25	
Methylene Chloride	ug/m3	<0.39	<0.39		25	
n-Heptane	ug/m3	<0.40	<0.40		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

SAMPLE DUPLICATE: 4487588

Parameter	Units	10628801011 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	<0.73	<0.73		25	
Naphthalene	ug/m3	<6.5	<6.5		25	
o-Xylene	ug/m3	1.9J	1.8J		25	
Propylene	ug/m3	<1.1	<1.1		25	
Styrene	ug/m3	2.2J	2.1J		25	
Tetrachloroethene	ug/m3	1.5J	1.0J		25	
Tetrahydrofuran	ug/m3	0.75J	0.86J		25	
Toluene	ug/m3	2.9	2.7	8	25	
trans-1,2-Dichloroethene	ug/m3	<0.99	<0.99		25	
trans-1,3-Dichloropropene	ug/m3	<2.4	<2.4		25	
Trichloroethene	ug/m3	<0.75	<0.75		25	
Trichlorofluoromethane	ug/m3	1.9J	1.7J		25	
Vinyl acetate	ug/m3	<0.55	<0.55		25	
Vinyl chloride	ug/m3	<0.30	<0.30		25	
Xylene (Total)	ug/m3	4.8J	<1.5		25	

SAMPLE DUPLICATE: 4487589

Parameter	Units	10628801015 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.57	<0.57		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.90	<0.90		25	
1,1,2-Trichloroethane	ug/m3	<0.81	<0.81		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.85J	0.82J		25	
1,1-Dichloroethane	ug/m3	<0.34	<0.34		25	
1,1-Dichloroethene	ug/m3	<0.51	<0.51		25	
1,2,4-Trichlorobenzene	ug/m3	<18.0	<18.0		25	
1,2,4-Trimethylbenzene	ug/m3	2.8J	2.7J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.97	<0.97		25	
1,2-Dichlorobenzene	ug/m3	<2.7	<2.7		25	
1,2-Dichloroethane	ug/m3	<0.40	<0.40		25	
1,2-Dichloropropane	ug/m3	<0.63	<0.63		25	
1,3,5-Trimethylbenzene	ug/m3	1.7J	1.7J		25	
1,3-Butadiene	ug/m3	<0.35	<0.35		25	
1,3-Dichlorobenzene	ug/m3	<2.6	<2.6		25	
1,4-Dichlorobenzene	ug/m3	<2.5	<2.5		25	
2-Butanone (MEK)	ug/m3	9.7	9.7	1	25	
2-Hexanone	ug/m3	<2.2	<2.2		25	
2-Propanol	ug/m3	13.6	13.3	2	25	
4-Ethyltoluene	ug/m3	2.8J	2.8J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<1.7	<1.7		25	
Acetone	ug/m3	106	106	0	25	
Benzene	ug/m3	0.75J	0.71J		25	
Benzyl chloride	ug/m3	<2.4	<2.4		25	
Bromodichloromethane	ug/m3	1.1J	1.0J		25	
Bromoform	ug/m3	<2.4	<2.4		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

SAMPLE DUPLICATE: 4487589

Parameter	Units	10628801015 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromomethane	ug/m3	<0.93	<0.93		25	
Carbon disulfide	ug/m3	<0.73	<0.73		25	
Carbon tetrachloride	ug/m3	<1.3	<1.3		25	
Chlorobenzene	ug/m3	<0.44	<0.44		25	
Chloroethane	ug/m3	<0.64	<0.64		25	
Chloroform	ug/m3	5.2	4.9	6	25	
Chloromethane	ug/m3	0.49J	0.45J		25	
cis-1,2-Dichloroethene	ug/m3	<0.67	<0.67		25	
cis-1,3-Dichloropropene	ug/m3	<2.1	<2.1		25	
Cyclohexane	ug/m3	11.8	11.8	0	25	
Dibromochloromethane	ug/m3	<1.1	<1.1		25	
Dichlorodifluoromethane	ug/m3	5.4	5.1	5	25	
Dichlorotetrafluoroethane	ug/m3	<0.76	<0.76		25	
Ethanol	ug/m3	71.3	69.5	3	25	
Ethyl acetate	ug/m3	0.88J	0.80J		25	
Ethylbenzene	ug/m3	2.2J	2.2J		25	
Hexachloro-1,3-butadiene	ug/m3	<5.5	<5.5		25	
m&p-Xylene	ug/m3	3.3J	3.2J		25	
Methyl-tert-butyl ether	ug/m3	<0.78	<0.78		25	
Methylene Chloride	ug/m3	<0.39	<0.39		25	
n-Heptane	ug/m3	<0.41	<0.41		25	
n-Hexane	ug/m3	0.96J	1.0J		25	
Naphthalene	ug/m3	<6.6	<6.6		25	
o-Xylene	ug/m3	2.1J	2.2J		25	
Propylene	ug/m3	<1.1	2.7J		25	
Styrene	ug/m3	2.2J	2.1J		25	
Tetrachloroethene	ug/m3	4.3	4.2J		25	
Tetrahydrofuran	ug/m3	0.98J	0.98J		25	
Toluene	ug/m3	2.9	3.0	4	25	
trans-1,2-Dichloroethene	ug/m3	<1.0	<1.0		25	
trans-1,3-Dichloropropene	ug/m3	<2.4	<2.4		25	
Trichloroethene	ug/m3	<0.75	<0.75		25	
Trichlorofluoromethane	ug/m3	1.6J	1.7J		25	
Vinyl acetate	ug/m3	<0.55	<0.55		25	
Vinyl chloride	ug/m3	<0.30	<0.30		25	
Xylene (Total)	ug/m3	5.5J	<1.5		25	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

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

C8	Result may be biased high due to carryover from previously analyzed sample.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10629764

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10629764001	**Pilgrim Cleaners - 1**	TO-15	847950		
10629764002	**Pilgrim Cleaners - 2**	TO-15	847950		
10629764003	**Pilgrim Cleaners - 3**	TO-15	847950		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY /

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

WO# : 10629764

10629764

53222

Page: 1 of 1

Section A
Required Client Information:

Company:	SCS Engineers
Address:	2830 Dairy Dr. Madison WI
Email To:	Robert.Langdon
Phone: (608)223995	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Rob Langdon
Copy To:	
Purchase Order No.:	
Project Name:	Pilgrim Cleaners
Project Number:	25211372.21

Section C
Invoice Information:

Attention:	Shane
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager/Sales Rep.	32630
Pace Profile #:	

Program

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

Location of Sampling by State: WI

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

Report Level II. ☐ III. ☐ IV. ☐ Other ☐

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE - END/GRAB DATE	COLLECTED 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	Pilgrim Cleaners-1	1LC		10/11/22	10:57	10/11/22	11:03	30		3250	2933					X					
2	Pilgrim Cleaners-2	1LC		10/11/22	12:45	10/11/22	12:50	30	5	3135	3070					X					
3	Pilgrim Cleaners-3	1LC		10/12/22	9:40	10/12/22	9:46	27	5	2530	3096					X					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Robert Langdon / SCS	10/13/22	1900	Tracy Pace	10/14/22	11:05

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ethan Schaefer

SIGNATURE of SAMPLER:

DATE Signed (MM / DD / YY): 10-13-22

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace ANALYTICAL SERVICES	**DC#_Title: ENV-FRM-MIN4-0113 v01_Sample Condition Upon Receipt (SCUR) - Air** **Effective Date: 02/25/2022**

WO#: 10629764
PM: KNH Due Date: 10/21/22
CLIENT: SCS Engineer

Air Sample Condition Upon Receipt **Client Name:** SCS **Project #:**

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 6101 8739 2146 ☐ See Exception

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No

Seals Intact? ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: _____

Date & Initials of Person Examining Contents: RG 10/14/22

				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-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				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 ☐ 10AIR17 ☐ 10AIR47 ☒ 10AIR48

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
-1	3250	2933	-4	+10					
-2	3135	3070	-4	"					
-3	2530	3096	-6	+10					

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

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kirsten Hogberg **Date:** 10/17/2022

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

Qualtrax ID: 52723

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

October 28, 2022

Rob Langdon
SCS Engineers
2830 Dairy Dr.
Madison, WI 53718

RE: Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on October 21, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

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

Enclosures

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

CERTIFICATIONS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Pace Analytical Services, LLC - Minneapolis MN

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

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

SAMPLE SUMMARY

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10630743001	**Pilgrim Cleaners -4**	Air	10/18/22 12:06	10/21/22 11:05

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

SAMPLE ANALYTE COUNT

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10630743001	**Pilgrim Cleaners -4**	TO-15	MJL	62	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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

SUMMARY OF DETECTION

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10630743001	**Pilgrim Cleaners -4**					
TO-15	Acetone	17.7	ug/m3	13.2	10/26/22 20:17	
TO-15	Benzene	2.3	ug/m3	0.71	10/26/22 20:17	
TO-15	Bromomethane	2.6	ug/m3	1.7	10/26/22 20:17	
TO-15	2-Butanone (MEK)	8.1	ug/m3	6.6	10/26/22 20:17	
TO-15	Chloroform	2.7	ug/m3	1.1	10/26/22 20:17	
TO-15	Cyclohexane	2.3J	ug/m3	3.8	10/26/22 20:17	
TO-15	Dichlorodifluoromethane	329	ug/m3	2.2	10/26/22 20:17	
TO-15	1,1-Dichloroethene	0.39J	ug/m3	1.8	10/26/22 20:17	
TO-15	cis-1,2-Dichloroethene	599	ug/m3	53.0	10/27/22 12:13	
TO-15	trans-1,2-Dichloroethene	21.5	ug/m3	1.8	10/26/22 20:17	
TO-15	Ethanol	13.8	ug/m3	4.2	10/26/22 20:17	CH
TO-15	Ethylbenzene	4.2	ug/m3	1.9	10/26/22 20:17	
TO-15	4-Ethyltoluene	2.3J	ug/m3	5.5	10/26/22 20:17	
TO-15	n-Heptane	2.5	ug/m3	1.8	10/26/22 20:17	
TO-15	n-Hexane	2.9	ug/m3	1.6	10/26/22 20:17	
TO-15	2-Propanol	4.6J	ug/m3	5.5	10/26/22 20:17	
TO-15	Styrene	0.92J	ug/m3	1.9	10/26/22 20:17	
TO-15	Tetrachloroethene	1610	ug/m3	45.3	10/27/22 12:13	
TO-15	Tetrahydrofuran	83.3	ug/m3	3.3	10/26/22 20:17	
TO-15	Toluene	18.9	ug/m3	1.7	10/26/22 20:17	
TO-15	1,1,1-Trichloroethane	1.4J	ug/m3	2.4	10/26/22 20:17	
TO-15	Trichloroethene	23.2	ug/m3	1.2	10/26/22 20:17	
TO-15	Trichlorofluoromethane	5.6	ug/m3	2.5	10/26/22 20:17	
TO-15	1,1,2-Trichlorotrifluoroethane	1.0J	ug/m3	3.4	10/26/22 20:17	
TO-15	1,2,4-Trimethylbenzene	2.7	ug/m3	2.2	10/26/22 20:17	
TO-15	1,3,5-Trimethylbenzene	1.2J	ug/m3	2.2	10/26/22 20:17	
TO-15	Xylene (Total)	22.6	ug/m3	5.8	10/26/22 20:17	
TO-15	m&p-Xylene	16.4	ug/m3	3.9	10/26/22 20:17	
TO-15	o-Xylene	6.2	ug/m3	1.9	10/26/22 20:17	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Sample: Pilgrim Cleaners -4 **Lab ID: 10630743001** Collected: 10/18/22 12:06 Received: 10/21/22 11:05 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	**17.7**	ug/m3	13.2	4.9	2.19		10/26/22 20:17	67-64-1	
Benzene	**2.3**	ug/m3	0.71	0.24	2.19		10/26/22 20:17	71-43-2	
Benzyl chloride	**<1.7**	ug/m3	5.8	1.7	2.19		10/26/22 20:17	100-44-7	
Bromodichloromethane	**<0.70**	ug/m3	3.0	0.70	2.19		10/26/22 20:17	75-27-4	
Bromoform	**<1.7**	ug/m3	11.5	1.7	2.19		10/26/22 20:17	75-25-2	
Bromomethane	**2.6**	ug/m3	1.7	0.65	2.19		10/26/22 20:17	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	0.99	0.24	2.19		10/26/22 20:17	106-99-0	
2-Butanone (MEK)	**8.1**	ug/m3	6.6	0.82	2.19		10/26/22 20:17	78-93-3	
Carbon disulfide	**<0.51**	ug/m3	1.4	0.51	2.19		10/26/22 20:17	75-15-0	
Carbon tetrachloride	**<0.92**	ug/m3	2.8	0.92	2.19		10/26/22 20:17	56-23-5	
Chlorobenzene	**<0.30**	ug/m3	2.0	0.30	2.19		10/26/22 20:17	108-90-7	
Chloroethane	**<0.45**	ug/m3	1.2	0.45	2.19		10/26/22 20:17	75-00-3	
Chloroform	**2.7**	ug/m3	1.1	0.29	2.19		10/26/22 20:17	67-66-3	
Chloromethane	**<0.19**	ug/m3	0.92	0.19	2.19		10/26/22 20:17	74-87-3	
Cyclohexane	**2.3J**	ug/m3	3.8	0.29	2.19		10/26/22 20:17	110-82-7	
Dibromochloromethane	**<0.79**	ug/m3	3.8	0.79	2.19		10/26/22 20:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.68**	ug/m3	1.7	0.68	2.19		10/26/22 20:17	106-93-4	
1,2-Dichlorobenzene	**<1.9**	ug/m3	6.7	1.9	2.19		10/26/22 20:17	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/m3	6.7	1.8	2.19		10/26/22 20:17	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/m3	6.7	1.8	2.19		10/26/22 20:17	106-46-7	
Dichlorodifluoromethane	**329**	ug/m3	2.2	1.1	2.19		10/26/22 20:17	75-71-8	
1,1-Dichloroethane	**<0.23**	ug/m3	1.8	0.23	2.19		10/26/22 20:17	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/m3	1.8	0.28	2.19		10/26/22 20:17	107-06-2	
1,1-Dichloroethene	**0.39J**	ug/m3	1.8	0.36	2.19		10/26/22 20:17	75-35-4	
cis-1,2-Dichloroethene	**599**	ug/m3	53.0	14.1	65.7		10/27/22 12:13	156-59-2	
trans-1,2-Dichloroethene	**21.5**	ug/m3	1.8	0.69	2.19		10/26/22 20:17	156-60-5	
1,2-Dichloropropane	**<0.44**	ug/m3	2.1	0.44	2.19		10/26/22 20:17	78-87-5	
cis-1,3-Dichloropropene	**<1.4**	ug/m3	5.1	1.4	2.19		10/26/22 20:17	10061-01-5	
trans-1,3-Dichloropropene	**<1.7**	ug/m3	5.1	1.7	2.19		10/26/22 20:17	10061-02-6	
Dichlorotetrafluoroethane	**<0.53**	ug/m3	3.1	0.53	2.19		10/26/22 20:17	76-14-2	
Ethanol	**13.8**	ug/m3	4.2	2.0	2.19		10/26/22 20:17	64-17-5	CH
Ethyl acetate	**<0.35**	ug/m3	1.6	0.35	2.19		10/26/22 20:17	141-78-6	
Ethylbenzene	**4.2**	ug/m3	1.9	0.39	2.19		10/26/22 20:17	100-41-4	
4-Ethyltoluene	**2.3J**	ug/m3	5.5	0.89	2.19		10/26/22 20:17	622-96-8	
n-Heptane	**2.5**	ug/m3	1.8	0.28	2.19		10/26/22 20:17	142-82-5	
Hexachloro-1,3-butadiene	**<3.9**	ug/m3	11.9	3.9	2.19		10/26/22 20:17	87-68-3	
n-Hexane	**2.9**	ug/m3	1.6	0.51	2.19		10/26/22 20:17	110-54-3	
2-Hexanone	**<1.5**	ug/m3	9.1	1.5	2.19		10/26/22 20:17	591-78-6	
Methylene Chloride	**<0.27**	ug/m3	7.7	0.27	2.19		10/26/22 20:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<1.2**	ug/m3	9.1	1.2	2.19		10/26/22 20:17	108-10-1	
Methyl-tert-butyl ether	**<0.55**	ug/m3	8.0	0.55	2.19		10/26/22 20:17	1634-04-4	
Naphthalene	**<4.6**	ug/m3	5.8	4.6	2.19		10/26/22 20:17	91-20-3	
2-Propanol	**4.6J**	ug/m3	5.5	2.1	2.19		10/26/22 20:17	67-63-0	
Propylene	**<0.78**	ug/m3	1.9	0.78	2.19		10/26/22 20:17	115-07-1	
Styrene	**0.92J**	ug/m3	1.9	0.91	2.19		10/26/22 20:17	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Sample: Pilgrim Cleaners -4 **Lab ID: 10630743001** Collected: 10/18/22 12:06 Received: 10/21/22 11:05 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	**<0.63**	ug/m3	3.1	0.63	2.19		10/26/22 20:17	79-34-5	
Tetrachloroethene	**1610**	ug/m3	45.3	16.3	65.7		10/27/22 12:13	127-18-4	
Tetrahydrofuran	**83.3**	ug/m3	3.3	0.41	2.19		10/26/22 20:17	109-99-9	
Toluene	**18.9**	ug/m3	1.7	0.35	2.19		10/26/22 20:17	108-88-3	
1,2,4-Trichlorobenzene	**<12.5**	ug/m3	16.5	12.5	2.19		10/26/22 20:17	120-82-1	
1,1,1-Trichloroethane	**1.4J**	ug/m3	2.4	0.40	2.19		10/26/22 20:17	71-55-6	
1,1,2-Trichloroethane	**<0.57**	ug/m3	1.2	0.57	2.19		10/26/22 20:17	79-00-5	
Trichloroethene	**23.2**	ug/m3	1.2	0.52	2.19		10/26/22 20:17	79-01-6	
Trichlorofluoromethane	**5.6**	ug/m3	2.5	0.44	2.19		10/26/22 20:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	**1.0J**	ug/m3	3.4	0.50	2.19		10/26/22 20:17	76-13-1	
1,2,4-Trimethylbenzene	**2.7**	ug/m3	2.2	0.77	2.19		10/26/22 20:17	95-63-6	
1,3,5-Trimethylbenzene	**1.2J**	ug/m3	2.2	0.60	2.19		10/26/22 20:17	108-67-8	
Vinyl acetate	**<0.39**	ug/m3	1.6	0.39	2.19		10/26/22 20:17	108-05-4	
Vinyl chloride	**<0.21**	ug/m3	0.57	0.21	2.19		10/26/22 20:17	75-01-4	
Xylene (Total)	**22.6**	ug/m3	5.8	1.1	2.19		10/26/22 20:17	1330-20-7	
m&p-Xylene	**16.4**	ug/m3	3.9	1.1	2.19		10/26/22 20:17	179601-23-1	
o-Xylene	**6.2**	ug/m3	1.9	0.39	2.19		10/26/22 20:17	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

QC Batch: 849367
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10630743001

METHOD BLANK: 4492344 Matrix: Air
Associated Lab Samples: 10630743001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.18	1.1	10/26/22 10:12	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	1.4	10/26/22 10:12	
1,1,2-Trichloroethane	ug/m3	<0.26	0.56	10/26/22 10:12	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.23	1.6	10/26/22 10:12	
1,1-Dichloroethane	ug/m3	<0.11	0.82	10/26/22 10:12	
1,1-Dichloroethene	ug/m3	<0.16	0.81	10/26/22 10:12	
1,2,4-Trichlorobenzene	ug/m3	<5.7	7.5	10/26/22 10:12	
1,2,4-Trimethylbenzene	ug/m3	<0.35	1.0	10/26/22 10:12	
1,2-Dibromoethane (EDB)	ug/m3	<0.31	0.78	10/26/22 10:12	
1,2-Dichlorobenzene	ug/m3	<0.86	3.1	10/26/22 10:12	
1,2-Dichloroethane	ug/m3	<0.13	0.82	10/26/22 10:12	
1,2-Dichloropropane	ug/m3	<0.20	0.94	10/26/22 10:12	
1,3,5-Trimethylbenzene	ug/m3	<0.27	1.0	10/26/22 10:12	
1,3-Butadiene	ug/m3	<0.11	0.45	10/26/22 10:12	
1,3-Dichlorobenzene	ug/m3	<0.82	3.1	10/26/22 10:12	
1,4-Dichlorobenzene	ug/m3	<0.81	3.1	10/26/22 10:12	
2-Butanone (MEK)	ug/m3	<0.38	3.0	10/26/22 10:12	
2-Hexanone	ug/m3	<0.69	4.2	10/26/22 10:12	
2-Propanol	ug/m3	<0.96	2.5	10/26/22 10:12	
4-Ethyltoluene	ug/m3	<0.41	2.5	10/26/22 10:12	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.54	4.2	10/26/22 10:12	
Acetone	ug/m3	<2.2	6.0	10/26/22 10:12	
Benzene	ug/m3	<0.11	0.32	10/26/22 10:12	
Benzyl chloride	ug/m3	<0.77	2.6	10/26/22 10:12	
Bromodichloromethane	ug/m3	<0.32	1.4	10/26/22 10:12	
Bromoform	ug/m3	<0.78	5.2	10/26/22 10:12	
Bromomethane	ug/m3	<0.30	0.79	10/26/22 10:12	
Carbon disulfide	ug/m3	<0.23	0.63	10/26/22 10:12	
Carbon tetrachloride	ug/m3	<0.42	1.3	10/26/22 10:12	
Chlorobenzene	ug/m3	<0.14	0.94	10/26/22 10:12	
Chloroethane	ug/m3	<0.20	0.54	10/26/22 10:12	
Chloroform	ug/m3	<0.13	0.50	10/26/22 10:12	
Chloromethane	ug/m3	<0.088	0.42	10/26/22 10:12	
cis-1,2-Dichloroethene	ug/m3	<0.21	0.81	10/26/22 10:12	
cis-1,3-Dichloropropene	ug/m3	<0.65	2.3	10/26/22 10:12	
Cyclohexane	ug/m3	<0.13	1.8	10/26/22 10:12	
Dibromochloromethane	ug/m3	<0.36	1.7	10/26/22 10:12	
Dichlorodifluoromethane	ug/m3	<0.51	1.0	10/26/22 10:12	
Dichlorotetrafluoroethane	ug/m3	<0.24	1.4	10/26/22 10:12	
Ethanol	ug/m3	<0.90	1.9	10/26/22 10:12	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

METHOD BLANK: 4492344 Matrix: Air
Associated Lab Samples: 10630743001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.16	0.73	10/26/22 10:12	
Ethylbenzene	ug/m3	<0.18	0.88	10/26/22 10:12	
Hexachloro-1,3-butadiene	ug/m3	<1.8	5.4	10/26/22 10:12	
m&p-Xylene	ug/m3	<0.49	1.8	10/26/22 10:12	
Methyl-tert-butyl ether	ug/m3	<0.25	3.7	10/26/22 10:12	
Methylene Chloride	ug/m3	<0.12	3.5	10/26/22 10:12	
n-Heptane	ug/m3	<0.13	0.83	10/26/22 10:12	
n-Hexane	ug/m3	<0.23	0.72	10/26/22 10:12	
Naphthalene	ug/m3	2.4J	2.7	10/26/22 10:12	
o-Xylene	ug/m3	<0.18	0.88	10/26/22 10:12	
Propylene	ug/m3	<0.36	0.88	10/26/22 10:12	
Styrene	ug/m3	<0.42	0.87	10/26/22 10:12	
Tetrachloroethene	ug/m3	<0.25	0.69	10/26/22 10:12	
Tetrahydrofuran	ug/m3	<0.19	1.5	10/26/22 10:12	MN
Toluene	ug/m3	<0.16	0.77	10/26/22 10:12	
trans-1,2-Dichloroethene	ug/m3	<0.32	0.81	10/26/22 10:12	
trans-1,3-Dichloropropene	ug/m3	<0.78	2.3	10/26/22 10:12	
Trichloroethene	ug/m3	<0.24	0.55	10/26/22 10:12	
Trichlorofluoromethane	ug/m3	<0.20	1.1	10/26/22 10:12	
Vinyl acetate	ug/m3	<0.18	0.72	10/26/22 10:12	
Vinyl chloride	ug/m3	<0.096	0.26	10/26/22 10:12	
Xylene (Total)	ug/m3	<0.49	2.6	10/26/22 10:12	

LABORATORY CONTROL SAMPLE: 4492345

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58	57.4	99	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	72.8	83.7	115	70-132	
1,1,2-Trichloroethane	ug/m3	58.3	60.7	104	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.2	81.1	100	70-130	
1,1-Dichloroethane	ug/m3	42.5	42.4	100	70-130	
1,1-Dichloroethene	ug/m3	41.9	43.2	103	70-130	
1,2,4-Trichlorobenzene	ug/m3	175	180	103	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.5	62.0	118	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.5	93.2	116	70-137	
1,2-Dichlorobenzene	ug/m3	63.9	66.3	104	70-131	
1,2-Dichloroethane	ug/m3	42.4	43.2	102	70-134	
1,2-Dichloropropane	ug/m3	49.3	48.7	99	70-130	
1,3,5-Trimethylbenzene	ug/m3	52.4	58.5	112	70-131	
1,3-Butadiene	ug/m3	23.9	23.2	97	70-139	
1,3-Dichlorobenzene	ug/m3	64.2	69.3	108	70-134	
1,4-Dichlorobenzene	ug/m3	64.3	68.5	106	70-131	
2-Butanone (MEK)	ug/m3	31.3	31.9	102	70-133	
2-Hexanone	ug/m3	43.4	45.5	105	70-136	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

LABORATORY CONTROL SAMPLE: 4492345

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Propanol	ug/m3	137	167	122	65-133	
4-Ethyltoluene	ug/m3	52.3	54.4	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	43.4	100	70-130	
Acetone	ug/m3	127	144	113	60-134	
Benzene	ug/m3	33.8	32.0	95	70-130	
Benzyl chloride	ug/m3	55.6	55.6	100	70-130	
Bromodichloromethane	ug/m3	71.5	76.6	107	70-130	
Bromoform	ug/m3	110	113	102	70-138	
Bromomethane	ug/m3	41.4	42.5	103	68-131	
Carbon disulfide	ug/m3	33	35.0	106	70-130	
Carbon tetrachloride	ug/m3	66.7	62.7	94	70-132	
Chlorobenzene	ug/m3	49	53.1	108	70-130	
Chloroethane	ug/m3	28.1	36.6	130	70-134	
Chloroform	ug/m3	52.1	51.4	99	70-130	
Chloromethane	ug/m3	22	20.1	92	68-131	
cis-1,2-Dichloroethene	ug/m3	42.1	42.4	101	70-136	
cis-1,3-Dichloropropene	ug/m3	48.2	48.0	100	70-130	
Cyclohexane	ug/m3	36.4	34.5	95	70-131	
Dibromochloromethane	ug/m3	90.6	92.4	102	70-134	
Dichlorodifluoromethane	ug/m3	52.5	51.8	99	70-130	
Dichlorotetrafluoroethane	ug/m3	74.4	69.2	93	70-130	
Ethanol	ug/m3	113	150	134	55-145	CH
Ethyl acetate	ug/m3	38.4	41.7	109	70-135	
Ethylbenzene	ug/m3	46.2	51.9	112	70-133	
Hexachloro-1,3-butadiene	ug/m3	130	143	110	70-132	
m&p-Xylene	ug/m3	92.4	106	115	70-134	
Methyl-tert-butyl ether	ug/m3	38.3	37.3	97	70-131	
Methylene Chloride	ug/m3	36.8	36.6	99	65-132	
n-Heptane	ug/m3	43.5	41.0	94	70-130	
n-Hexane	ug/m3	37.7	33.7	89	70-132	
Naphthalene	ug/m3	63.9	63.0	99	70-130	
o-Xylene	ug/m3	46	51.9	113	70-134	
Propylene	ug/m3	18.6	17.9	96	69-133	
Styrene	ug/m3	45.3	47.8	106	70-135	
Tetrachloroethene	ug/m3	72	76.9	107	70-134	
Tetrahydrofuran	ug/m3	31.3	28.9	92	70-140	
Toluene	ug/m3	40.2	41.2	102	70-136	
trans-1,2-Dichloroethene	ug/m3	42.3	41.9	99	70-134	
trans-1,3-Dichloropropene	ug/m3	48.4	42.9	89	70-131	
Trichloroethene	ug/m3	57.2	56.3	98	70-134	
Trichlorofluoromethane	ug/m3	60.3	63.0	104	63-130	
Vinyl acetate	ug/m3	38.7	39.0	101	70-139	
Vinyl chloride	ug/m3	27.2	26.8	98	70-132	
Xylene (Total)	ug/m3	138	158	114	70-137	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

SAMPLE DUPLICATE: 4493733

Parameter	Units	10630744001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.27	<0.27		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.43	<0.43		25	
1,1,2-Trichloroethane	ug/m3	<0.38	<0.38		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	1.5J	1.5J		25	
1,1-Dichloroethane	ug/m3	<0.16	<0.16		25	
1,1-Dichloroethene	ug/m3	<0.24	<0.24		25	
1,2,4-Trichlorobenzene	ug/m3	<8.5	<8.5		25	
1,2,4-Trimethylbenzene	ug/m3	<0.52	<0.52		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.46	<0.46		25	
1,2-Dichlorobenzene	ug/m3	<1.3	<1.3		25	
1,2-Dichloroethane	ug/m3	<0.19	<0.19		25	
1,2-Dichloropropane	ug/m3	<0.30	<0.30		25	
1,3,5-Trimethylbenzene	ug/m3	<0.41	<0.41		25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	<1.2	<1.2		25	
1,4-Dichlorobenzene	ug/m3	<1.2	<1.2		25	
2-Butanone (MEK)	ug/m3	1.8J	1.8J		25	
2-Hexanone	ug/m3	<1.0	<1.0		25	
2-Propanol	ug/m3	2.7J	2.9J		25	
4-Ethyltoluene	ug/m3	<0.61	<0.61		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.80	<0.80		25	
Acetone	ug/m3	25.5	25.6	0	25	
Benzene	ug/m3	0.23J	0.25J		25	
Benzyl chloride	ug/m3	<1.1	<1.1		25	
Bromodichloromethane	ug/m3	<0.48	<0.48		25	
Bromoform	ug/m3	<1.2	<1.2		25	
Bromomethane	ug/m3	<0.44	<0.44		25	
Carbon disulfide	ug/m3	<0.35	<0.35		25	
Carbon tetrachloride	ug/m3	1.1J	1.1J		25	
Chlorobenzene	ug/m3	<0.21	<0.21		25	
Chloroethane	ug/m3	<0.31	<0.31		25	
Chloroform	ug/m3	0.35J	0.38J		25	
Chloromethane	ug/m3	1.7	1.9	12	25	
cis-1,2-Dichloroethene	ug/m3	42.3	43.4	3	25	
cis-1,3-Dichloropropene	ug/m3	<0.97	<0.97		25	
Cyclohexane	ug/m3	<0.20	<0.20		25	
Dibromochloromethane	ug/m3	<0.54	<0.54		25	
Dichlorodifluoromethane	ug/m3	5.8	5.5	5	25	
Dichlorotetrafluoroethane	ug/m3	<0.36	<0.36		25	
Ethanol	ug/m3	8.4	8.7	3	25	CH
Ethyl acetate	ug/m3	<0.24	<0.24		25	
Ethylbenzene	ug/m3	<0.27	<0.27		25	
Hexachloro-1,3-butadiene	ug/m3	<2.6	<2.6		25	
m&p-Xylene	ug/m3	<0.73	<0.73		25	
Methyl-tert-butyl ether	ug/m3	<0.37	<0.37		25	
Methylene Chloride	ug/m3	0.21J	0.26J		25	
n-Heptane	ug/m3	0.21J	0.24J		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

SAMPLE DUPLICATE: 4493733

Parameter	Units	10630744001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	<0.35	<0.35		25	
Naphthalene	ug/m3	6.9	8.9	25	25	
o-Xylene	ug/m3	<0.27	<0.27		25	
Propylene	ug/m3	<0.53	<0.53		25	
Styrene	ug/m3	<0.62	<0.62		25	
Tetrachloroethene	ug/m3	3.8	3.1	21	25	
Tetrahydrofuran	ug/m3	2.4	2.4	0	25	
Toluene	ug/m3	0.94J	1.0J		25	
trans-1,2-Dichloroethene	ug/m3	2.5	2.5	2	25	
trans-1,3-Dichloropropene	ug/m3	<1.2	<1.2		25	
Trichloroethene	ug/m3	177	180	2	25	
Trichlorofluoromethane	ug/m3	9.1	8.9	2	25	
Vinyl acetate	ug/m3	<0.26	<0.26		25	
Vinyl chloride	ug/m3	<0.14	<0.14		25	
Xylene (Total)	ug/m3	<0.73	<0.73		25	

SAMPLE DUPLICATE: 4493734

Parameter	Units	10630770001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.31		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.50		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.45		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.57J		25	
1,1-Dichloroethane	ug/m3	ND	<0.19		25	
1,1-Dichloroethene	ug/m3	ND	<0.29		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<10		25	
1,2,4-Trimethylbenzene	ug/m3	3.6	3.7	2	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.54		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.5		25	
1,2-Dichloroethane	ug/m3	ND	1.1J		25	
1,2-Dichloropropane	ug/m3	ND	<0.35		25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.6J		25	
1,3-Butadiene	ug/m3	ND	<0.19		25	
1,3-Dichlorobenzene	ug/m3	ND	<1.4		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.4		25	
2-Butanone (MEK)	ug/m3	20.6	<0.65		25	
2-Hexanone	ug/m3	ND	<1.2		25	
2-Propanol	ug/m3	8.9	7.3	20	25	
4-Ethyltoluene	ug/m3	ND	2.1J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	23.9	21.6	10	25	
Acetone	ug/m3	108	102	6	25	
Benzene	ug/m3	7.0	6.8	3	25	
Benzyl chloride	ug/m3	ND	<1.3		25	
Bromodichloromethane	ug/m3	ND	<0.56		25	
Bromoform	ug/m3	ND	<1.4		25	

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REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

SAMPLE DUPLICATE: 4493734

Parameter	Units	10630770001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromomethane	ug/m3	ND	<0.52		25	
Carbon disulfide	ug/m3	5.9	5.8	2	25	
Carbon tetrachloride	ug/m3	ND	1.1J		25	
Chlorobenzene	ug/m3	ND	<0.24		25	
Chloroethane	ug/m3	ND	<0.36		25	
Chloroform	ug/m3	ND	<0.23		25	
Chloromethane	ug/m3	1.4	1.4	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.37		25	
cis-1,3-Dichloropropene	ug/m3	ND	<1.1		25	
Cyclohexane	ug/m3	ND	<0.23		25	
Dibromochloromethane	ug/m3	ND	<0.63		25	
Dichlorodifluoromethane	ug/m3	2.4	2.5	5	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.42		25	
Ethanol	ug/m3	159	149	6	25	CH
Ethyl acetate	ug/m3	ND	<0.28		25	
Ethylbenzene	ug/m3	6.4	6.4	0	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<3.1		25	
m&p-Xylene	ug/m3	24.4	24.2	1	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.44		25	
Methylene Chloride	ug/m3	ND	0.88J		25	
n-Heptane	ug/m3	13.6	13.0	5	25	
n-Hexane	ug/m3	12.3	11.9	4	25	
Naphthalene	ug/m3	5.6	4.3J		25	
o-Xylene	ug/m3	8.7	8.8	1	25	
Propylene	ug/m3	119	113	5	25	E
Styrene	ug/m3	ND	<0.72		25	
Tetrachloroethene	ug/m3	ND	<0.43		25	
Tetrahydrofuran	ug/m3	ND	<0.32		25	
Toluene	ug/m3	19.3	18.5	4	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.55		25	
trans-1,3-Dichloropropene	ug/m3	ND	<1.4		25	
Trichloroethene	ug/m3	ND	<0.42		25	
Trichlorofluoromethane	ug/m3	ND	1.3J		25	
Vinyl acetate	ug/m3	ND	<0.31		25	
Vinyl chloride	ug/m3	ND	<0.17		25	
Xylene (Total)	ug/m3	33.1	33.0	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
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10630743

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10630743001	**Pilgrim Cleaners -4**	TO-15	849367		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / A

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

WO# : 10630743

10630743

53223

Page: 1 of 1

Section A
Required Client Information:

Company: SCS Engineers
Address: 2830 Dairy Dr
Madison WI 53718
Email To: RLangdon@scsengineers.com
Phone: 6082273495 Fax:
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: Rob Langdon
Copy To:
Purchase Order No.:
Project Name: Pilgrim Cleaners
Project Number: 25211372.21

Section C
Invoice Information:

Attention: Rob Langdon
Company Name: SCS Engineers
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 32630

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

Location of Sampling by State: WI

Reporting Units
ug/m³ (X) mg/m³ PBL
PPBV ___ PPMV ___
Other ___

Report Level II.___ III.___ IV.___ Other___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

PBL

ITEM #	'Section D Required Client Information: AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE - END/GRAB DATE	COLLECTED: 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	Pilgrim Cleaners ~~SVE-4~~	1LC		10/18/22	12:01	10/18/22	12:06	-28	-4	1779	2351					X					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Robert Langdon	10/20/22	12:30	Tracy Pace	10/21/22	11:05

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Keith Gilkey
SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 10/18/22

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-MIN4-0113 v01_Sample Condition Upon Receipt (SCUR) - Air
	Effective Date: 02/25/2022

WO#: 10630743
PM: KNH Due Date: 10/28/22
CLIENT: SCS Engineer

Air Sample Condition Upon Receipt **Client Name:** SCS **Project #:**

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 6101 8739 2424 ☐ See Exception

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No

Seals Intact? ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: _____

Date & Initials of Person Examining Contents: RG 10/21/22

				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-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~~				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 ☐ 10AIR17 ☐ 10AIR47 ☒ 10AIR48

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
-4	1779	2351	-7	+10					

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

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kirsten Hogberg **Date:** 10/24/2022

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

Qualtrax ID: 52723

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

November 03, 2022

Rob Langdon
SCS Engineers
2830 Dairy Dr.
Madison, WI 53718

RE: Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

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

Enclosures

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

CERTIFICATIONS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

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

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

SAMPLE SUMMARY

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10631391001	**Pilgrim Cleaners - 5**	Air	10/24/22 10:03	10/27/22 11:03

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

SAMPLE ANALYTE COUNT

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10631391001	**Pilgrim Cleaners - 5**	TO-15	SW	62	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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

SUMMARY OF DETECTION

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10631391001	**Pilgrim Cleaners - 5**					
TO-15	Acetone	30.4	ug/m3	13.8	11/03/22 04:21	
TO-15	Benzene	2.2	ug/m3	0.74	11/03/22 04:21	
TO-15	2-Butanone (MEK)	13.0	ug/m3	6.9	11/03/22 04:21	
TO-15	Chloroform	1.5	ug/m3	1.1	11/03/22 04:21	
TO-15	Chloromethane	0.58J	ug/m3	0.96	11/03/22 04:21	
TO-15	Cyclohexane	1.6J	ug/m3	4.0	11/03/22 04:21	
TO-15	Dichlorodifluoromethane	182	ug/m3	2.3	11/03/22 04:21	
TO-15	cis-1,2-Dichloroethene	198	ug/m3	1.8	11/03/22 04:21	
TO-15	trans-1,2-Dichloroethene	11.4	ug/m3	1.8	11/03/22 04:21	
TO-15	Ethanol	76.6	ug/m3	4.4	11/03/22 04:21	
TO-15	Ethylbenzene	5.2	ug/m3	2.0	11/03/22 04:21	
TO-15	4-Ethyltoluene	2.2J	ug/m3	5.7	11/03/22 04:21	
TO-15	n-Hexane	3.1	ug/m3	1.6	11/03/22 04:21	
TO-15	2-Propanol	36.1	ug/m3	5.7	11/03/22 04:21	
TO-15	Styrene	0.96J	ug/m3	2.0	11/03/22 04:21	
TO-15	Tetrachloroethene	1020	ug/m3	15.8	11/03/22 13:56	
TO-15	Tetrahydrofuran	33.0	ug/m3	1.4	11/03/22 04:21	
TO-15	Toluene	20.2	ug/m3	1.8	11/03/22 04:21	
TO-15	1,1,1-Trichloroethane	0.98J	ug/m3	2.5	11/03/22 04:21	
TO-15	Trichloroethene	17.2	ug/m3	1.3	11/03/22 04:21	C8
TO-15	Trichlorofluoromethane	9.3	ug/m3	2.6	11/03/22 04:21	
TO-15	1,1,2-Trichlorotrifluoroethane	0.78J	ug/m3	3.6	11/03/22 04:21	
TO-15	1,2,4-Trimethylbenzene	4.9	ug/m3	2.3	11/03/22 04:21	
TO-15	1,3,5-Trimethylbenzene	1.7J	ug/m3	2.3	11/03/22 04:21	
TO-15	Xylene (Total)	30.2	ug/m3	6.1	11/03/22 04:21	
TO-15	m&p-Xylene	21.7	ug/m3	4.1	11/03/22 04:21	
TO-15	o-Xylene	8.5	ug/m3	2.0	11/03/22 04:21	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Sample: Pilgrim Cleaners - 5 **Lab ID: 10631391001** Collected: 10/24/22 10:03 Received: 10/27/22 11:03 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	**30.4**	ug/m3	13.8	5.1	2.29		11/03/22 04:21	67-64-1	
Benzene	**2.2**	ug/m3	0.74	0.25	2.29		11/03/22 04:21	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	6.0	1.8	2.29		11/03/22 04:21	100-44-7	
Bromodichloromethane	**<0.73**	ug/m3	3.1	0.73	2.29		11/03/22 04:21	75-27-4	
Bromoform	**<1.8**	ug/m3	12.0	1.8	2.29		11/03/22 04:21	75-25-2	
Bromomethane	**<0.68**	ug/m3	1.8	0.68	2.29		11/03/22 04:21	74-83-9	
1,3-Butadiene	**<0.25**	ug/m3	1.0	0.25	2.29		11/03/22 04:21	106-99-0	
2-Butanone (MEK)	**13.0**	ug/m3	6.9	0.86	2.29		11/03/22 04:21	78-93-3	
Carbon disulfide	**<0.54**	ug/m3	1.4	0.54	2.29		11/03/22 04:21	75-15-0	
Carbon tetrachloride	**<0.96**	ug/m3	2.9	0.96	2.29		11/03/22 04:21	56-23-5	
Chlorobenzene	**<0.32**	ug/m3	2.1	0.32	2.29		11/03/22 04:21	108-90-7	
Chloroethane	**<0.47**	ug/m3	1.2	0.47	2.29		11/03/22 04:21	75-00-3	
Chloroform	**1.5**	ug/m3	1.1	0.31	2.29		11/03/22 04:21	67-66-3	
Chloromethane	**0.58J**	ug/m3	0.96	0.20	2.29		11/03/22 04:21	74-87-3	
Cyclohexane	**1.6J**	ug/m3	4.0	0.31	2.29		11/03/22 04:21	110-82-7	
Dibromochloromethane	**<0.82**	ug/m3	4.0	0.82	2.29		11/03/22 04:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.71**	ug/m3	1.8	0.71	2.29		11/03/22 04:21	106-93-4	
1,2-Dichlorobenzene	**<2.0**	ug/m3	7.0	2.0	2.29		11/03/22 04:21	95-50-1	
1,3-Dichlorobenzene	**<1.9**	ug/m3	7.0	1.9	2.29		11/03/22 04:21	541-73-1	
1,4-Dichlorobenzene	**<1.9**	ug/m3	7.0	1.9	2.29		11/03/22 04:21	106-46-7	
Dichlorodifluoromethane	**182**	ug/m3	2.3	1.2	2.29		11/03/22 04:21	75-71-8	
1,1-Dichloroethane	**<0.25**	ug/m3	1.9	0.25	2.29		11/03/22 04:21	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/m3	1.9	0.29	2.29		11/03/22 04:21	107-06-2	
1,1-Dichloroethene	**<0.38**	ug/m3	1.8	0.38	2.29		11/03/22 04:21	75-35-4	
cis-1,2-Dichloroethene	**198**	ug/m3	1.8	0.49	2.29		11/03/22 04:21	156-59-2	
trans-1,2-Dichloroethene	**11.4**	ug/m3	1.8	0.73	2.29		11/03/22 04:21	156-60-5	
1,2-Dichloropropane	**<0.46**	ug/m3	2.2	0.46	2.29		11/03/22 04:21	78-87-5	
cis-1,3-Dichloropropene	**<1.5**	ug/m3	5.3	1.5	2.29		11/03/22 04:21	10061-01-5	
trans-1,3-Dichloropropene	**<1.8**	ug/m3	5.3	1.8	2.29		11/03/22 04:21	10061-02-6	
Dichlorotetrafluoroethane	**<0.56**	ug/m3	3.3	0.56	2.29		11/03/22 04:21	76-14-2	
Ethanol	**76.6**	ug/m3	4.4	2.1	2.29		11/03/22 04:21	64-17-5	
Ethyl acetate	**<0.37**	ug/m3	1.7	0.37	2.29		11/03/22 04:21	141-78-6	
Ethylbenzene	**5.2**	ug/m3	2.0	0.41	2.29		11/03/22 04:21	100-41-4	
4-Ethyltoluene	**2.2J**	ug/m3	5.7	0.93	2.29		11/03/22 04:21	622-96-8	
n-Heptane	**<0.30**	ug/m3	1.9	0.30	2.29		11/03/22 04:21	142-82-5	
Hexachloro-1,3-butadiene	**<4.0**	ug/m3	12.4	4.0	2.29		11/03/22 04:21	87-68-3	
n-Hexane	**3.1**	ug/m3	1.6	0.53	2.29		11/03/22 04:21	110-54-3	
2-Hexanone	**<1.6**	ug/m3	9.5	1.6	2.29		11/03/22 04:21	591-78-6	
Methylene Chloride	**<0.29**	ug/m3	8.1	0.29	2.29		11/03/22 04:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<1.2**	ug/m3	9.5	1.2	2.29		11/03/22 04:21	108-10-1	
Methyl-tert-butyl ether	**<0.57**	ug/m3	8.4	0.57	2.29		11/03/22 04:21	1634-04-4	
Naphthalene	**<4.8**	ug/m3	6.1	4.8	2.29		11/03/22 04:21	91-20-3	
2-Propanol	**36.1**	ug/m3	5.7	2.2	2.29		11/03/22 04:21	67-63-0	
Propylene	**<0.82**	ug/m3	2.0	0.82	2.29		11/03/22 04:21	115-07-1	
Styrene	**0.96J**	ug/m3	2.0	0.95	2.29		11/03/22 04:21	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Sample: Pilgrim Cleaners - 5 **Lab ID: 10631391001** Collected: 10/24/22 10:03 Received: 10/27/22 11:03 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	**<0.66**	ug/m3	3.2	0.66	2.29		11/03/22 04:21	79-34-5	
Tetrachloroethene	**1020**	ug/m3	15.8	5.7	22.9		11/03/22 13:56	127-18-4	
Tetrahydrofuran	**33.0**	ug/m3	1.4	0.43	2.29		11/03/22 04:21	109-99-9	
Toluene	**20.2**	ug/m3	1.8	0.37	2.29		11/03/22 04:21	108-88-3	
1,2,4-Trichlorobenzene	**<13.1**	ug/m3	17.3	13.1	2.29		11/03/22 04:21	120-82-1	
1,1,1-Trichloroethane	**0.98J**	ug/m3	2.5	0.41	2.29		11/03/22 04:21	71-55-6	
1,1,2-Trichloroethane	**<0.59**	ug/m3	1.3	0.59	2.29		11/03/22 04:21	79-00-5	
Trichloroethene	**17.2**	ug/m3	1.3	0.55	2.29		11/03/22 04:21	79-01-6	C8
Trichlorofluoromethane	**9.3**	ug/m3	2.6	0.46	2.29		11/03/22 04:21	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.78J**	ug/m3	3.6	0.52	2.29		11/03/22 04:21	76-13-1	
1,2,4-Trimethylbenzene	**4.9**	ug/m3	2.3	0.80	2.29		11/03/22 04:21	95-63-6	
1,3,5-Trimethylbenzene	**1.7J**	ug/m3	2.3	0.63	2.29		11/03/22 04:21	108-67-8	
Vinyl acetate	**<0.40**	ug/m3	1.6	0.40	2.29		11/03/22 04:21	108-05-4	
Vinyl chloride	**<0.22**	ug/m3	0.60	0.22	2.29		11/03/22 04:21	75-01-4	
Xylene (Total)	**30.2**	ug/m3	6.1	1.1	2.29		11/03/22 04:21	1330-20-7	
m&p-Xylene	**21.7**	ug/m3	4.1	1.1	2.29		11/03/22 04:21	179601-23-1	
o-Xylene	**8.5**	ug/m3	2.0	0.41	2.29		11/03/22 04:21	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

QC Batch: 850978
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10631391001

METHOD BLANK: 4500218 Matrix: Air
Associated Lab Samples: 10631391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.18	1.1	11/02/22 12:30	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	1.4	11/02/22 12:30	
1,1,2-Trichloroethane	ug/m3	<0.26	0.56	11/02/22 12:30	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.23	1.6	11/02/22 12:30	
1,1-Dichloroethane	ug/m3	<0.11	0.82	11/02/22 12:30	
1,1-Dichloroethene	ug/m3	<0.16	0.81	11/02/22 12:30	
1,2,4-Trichlorobenzene	ug/m3	<5.7	7.5	11/02/22 12:30	
1,2,4-Trimethylbenzene	ug/m3	<0.35	1.0	11/02/22 12:30	
1,2-Dibromoethane (EDB)	ug/m3	<0.31	0.78	11/02/22 12:30	
1,2-Dichlorobenzene	ug/m3	<0.86	3.1	11/02/22 12:30	
1,2-Dichloroethane	ug/m3	<0.13	0.82	11/02/22 12:30	
1,2-Dichloropropane	ug/m3	<0.20	0.94	11/02/22 12:30	
1,3,5-Trimethylbenzene	ug/m3	<0.27	1.0	11/02/22 12:30	
1,3-Butadiene	ug/m3	<0.11	0.45	11/02/22 12:30	
1,3-Dichlorobenzene	ug/m3	<0.82	3.1	11/02/22 12:30	
1,4-Dichlorobenzene	ug/m3	<0.81	3.1	11/02/22 12:30	
2-Butanone (MEK)	ug/m3	<0.38	3.0	11/02/22 12:30	
2-Hexanone	ug/m3	<0.69	4.2	11/02/22 12:30	
2-Propanol	ug/m3	<0.96	2.5	11/02/22 12:30	
4-Ethyltoluene	ug/m3	<0.41	2.5	11/02/22 12:30	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.54	4.2	11/02/22 12:30	
Acetone	ug/m3	<2.2	6.0	11/02/22 12:30	
Benzene	ug/m3	<0.11	0.32	11/02/22 12:30	
Benzyl chloride	ug/m3	<0.77	2.6	11/02/22 12:30	
Bromodichloromethane	ug/m3	<0.32	1.4	11/02/22 12:30	
Bromoform	ug/m3	<0.78	5.2	11/02/22 12:30	
Bromomethane	ug/m3	<0.30	0.79	11/02/22 12:30	
Carbon disulfide	ug/m3	<0.23	0.63	11/02/22 12:30	
Carbon tetrachloride	ug/m3	<0.42	1.3	11/02/22 12:30	
Chlorobenzene	ug/m3	<0.14	0.94	11/02/22 12:30	
Chloroethane	ug/m3	<0.20	0.54	11/02/22 12:30	
Chloroform	ug/m3	<0.13	0.50	11/02/22 12:30	
Chloromethane	ug/m3	<0.088	0.42	11/02/22 12:30	
cis-1,2-Dichloroethene	ug/m3	<0.21	0.81	11/02/22 12:30	
cis-1,3-Dichloropropene	ug/m3	<0.65	2.3	11/02/22 12:30	
Cyclohexane	ug/m3	<0.13	1.8	11/02/22 12:30	
Dibromochloromethane	ug/m3	<0.36	1.7	11/02/22 12:30	
Dichlorodifluoromethane	ug/m3	<0.51	1.0	11/02/22 12:30	
Dichlorotetrafluoroethane	ug/m3	<0.24	1.4	11/02/22 12:30	
Ethanol	ug/m3	<0.90	1.9	11/02/22 12:30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

METHOD BLANK: 4500218 Matrix: Air
Associated Lab Samples: 10631391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.16	0.73	11/02/22 12:30	
Ethylbenzene	ug/m3	<0.18	0.88	11/02/22 12:30	
Hexachloro-1,3-butadiene	ug/m3	<1.8	5.4	11/02/22 12:30	
m&p-Xylene	ug/m3	<0.49	1.8	11/02/22 12:30	
Methyl-tert-butyl ether	ug/m3	<0.25	3.7	11/02/22 12:30	
Methylene Chloride	ug/m3	<0.12	3.5	11/02/22 12:30	
n-Heptane	ug/m3	<0.13	0.83	11/02/22 12:30	
n-Hexane	ug/m3	<0.23	0.72	11/02/22 12:30	
Naphthalene	ug/m3	<2.1	2.7	11/02/22 12:30	
o-Xylene	ug/m3	<0.18	0.88	11/02/22 12:30	
Propylene	ug/m3	<0.36	0.88	11/02/22 12:30	
Styrene	ug/m3	<0.42	0.87	11/02/22 12:30	
Tetrachloroethene	ug/m3	<0.25	0.69	11/02/22 12:30	
Tetrahydrofuran	ug/m3	<0.19	0.60	11/02/22 12:30	
Toluene	ug/m3	<0.16	0.77	11/02/22 12:30	
trans-1,2-Dichloroethene	ug/m3	<0.32	0.81	11/02/22 12:30	
trans-1,3-Dichloropropene	ug/m3	<0.78	2.3	11/02/22 12:30	
Trichloroethene	ug/m3	<0.24	0.55	11/02/22 12:30	
Trichlorofluoromethane	ug/m3	<0.20	1.1	11/02/22 12:30	
Vinyl acetate	ug/m3	<0.18	0.72	11/02/22 12:30	
Vinyl chloride	ug/m3	<0.096	0.26	11/02/22 12:30	
Xylene (Total)	ug/m3	<0.49	2.6	11/02/22 12:30	

LABORATORY CONTROL SAMPLE: 4500219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58	58.1	100	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	72.8	72.6	100	70-132	
1,1,2-Trichloroethane	ug/m3	58.3	58.2	100	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.2	78.9	97	70-130	
1,1-Dichloroethane	ug/m3	42.5	41.8	98	70-130	
1,1-Dichloroethene	ug/m3	41.9	44.6	106	70-130	
1,2,4-Trichlorobenzene	ug/m3	175	195	112	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.5	50.5	96	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.5	69.0	86	70-137	
1,2-Dichlorobenzene	ug/m3	63.9	60.4	95	70-131	
1,2-Dichloroethane	ug/m3	42.4	40.0	94	70-134	
1,2-Dichloropropane	ug/m3	49.3	46.7	95	70-130	
1,3,5-Trimethylbenzene	ug/m3	52.4	50.2	96	70-131	
1,3-Butadiene	ug/m3	23.9	22.6	94	70-139	
1,3-Dichlorobenzene	ug/m3	64.2	62.3	97	70-134	
1,4-Dichlorobenzene	ug/m3	64.3	65.5	102	70-131	
2-Butanone (MEK)	ug/m3	31.3	27.8	89	70-133	
2-Hexanone	ug/m3	43.4	33.7	78	70-136	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

LABORATORY CONTROL SAMPLE: 4500219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Propanol	ug/m3	137	130	95	65-133	
4-Ethyltoluene	ug/m3	52.3	53.2	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	40.0	92	70-130	
Acetone	ug/m3	127	120	94	60-134	
Benzene	ug/m3	33.8	32.7	97	70-130	
Benzyl chloride	ug/m3	55.6	48.9	88	70-130	
Bromodichloromethane	ug/m3	71.5	73.6	103	70-130	
Bromoform	ug/m3	110	116	105	70-138	
Bromomethane	ug/m3	41.4	41.0	99	68-131	
Carbon disulfide	ug/m3	33	33.9	103	70-130	
Carbon tetrachloride	ug/m3	66.7	69.8	105	70-132	
Chlorobenzene	ug/m3	49	42.9	87	70-130	
Chloroethane	ug/m3	28.1	26.6	94	70-134	
Chloroform	ug/m3	52.1	51.0	98	70-130	
Chloromethane	ug/m3	22	21.9	100	68-131	
cis-1,2-Dichloroethene	ug/m3	42.1	38.1	91	70-136	
cis-1,3-Dichloropropene	ug/m3	48.2	48.6	101	70-130	
Cyclohexane	ug/m3	36.4	33.7	93	70-131	
Dibromochloromethane	ug/m3	90.6	89.9	99	70-134	
Dichlorodifluoromethane	ug/m3	52.5	51.8	99	70-130	
Dichlorotetrafluoroethane	ug/m3	74.4	76.2	103	70-130	
Ethanol	ug/m3	113	101	90	55-145	
Ethyl acetate	ug/m3	38.4	34.6	90	70-135	
Ethylbenzene	ug/m3	46.2	44.7	97	70-133	
Hexachloro-1,3-butadiene	ug/m3	130	128	99	70-132	
m&p-Xylene	ug/m3	92.4	86.4	93	70-134	
Methyl-tert-butyl ether	ug/m3	38.3	36.8	96	70-131	
Methylene Chloride	ug/m3	36.8	32.1	87	65-132	
n-Heptane	ug/m3	43.5	39.3	90	70-130	
n-Hexane	ug/m3	37.7	36.1	96	70-132	
Naphthalene	ug/m3	63.9	66.5	104	70-130	
o-Xylene	ug/m3	46	43.8	95	70-134	
Propylene	ug/m3	18.6	16.3	87	69-133	
Styrene	ug/m3	45.3	41.7	92	70-135	
Tetrachloroethene	ug/m3	72	69.3	96	70-134	
Tetrahydrofuran	ug/m3	31.3	27.4	88	70-140	
Toluene	ug/m3	40.2	38.9	97	70-136	
trans-1,2-Dichloroethene	ug/m3	42.3	41.4	98	70-134	
trans-1,3-Dichloropropene	ug/m3	48.4	46.1	95	70-131	
Trichloroethene	ug/m3	57.2	55.0	96	70-134	
Trichlorofluoromethane	ug/m3	60.3	60.5	100	63-130	
Vinyl acetate	ug/m3	38.7	31.1	81	70-139	
Vinyl chloride	ug/m3	27.2	26.9	99	70-132	
Xylene (Total)	ug/m3	138	130	94	70-137	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

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

C8	Result may be biased high due to carryover from previously analyzed sample.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10631391

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10631391001	**Pilgrim Cleaners - 5**	TO-15	850978		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

56864

Page: 1 of 1

Section A Required Client Information:

Company: SCS Engineers
Address: 2830 Dairy Dr. MADISON WI 53718
Email To: RLangdon@scsengineers.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Robert Langdon
Copy To:
Purchase Order No.:
Project Name: Pilgrim Cleaners
Project Number: 25211372.21

Section C Invoice Information:

Attention: Robert Langdon
Company Name: SCS Engineers
Address: 2830 Dairy Dr. MADISON WI 53718
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 32630

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

Location of Sampling by State: WI

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

Report Level: II. III. IV. Other

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE - END/GRAB DATE	COLLECTED COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: TO-14	Pace Lab ID
1	Pilgrim Cleaners - 5	1LC		10/24/22	9:58	10/24/22	10:03	-29	-8	3096	0931	X	001
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

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)

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Robert Langdon/SCS	10/24/22	1500		10/27/22	1103

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Keith Gilkey
SIGNATURE of SAMPLER:
DATE Signed (MM / DD / YY): 10/24/22

WO# : 10631391

10631391

Technical Phone: 612.607.6386

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-MIN4-0113 v01_Sample Condition Upon Receipt (SCUR) - Air
	Effective Date: 02/25/2022

Air Sample Condition Upon Receipt

Client Name: SCS Eng. **Project #:**

WO#: 10631391
PM: KNH Due Date: 11/03/22
CLIENT: SCS Engineer

Courier: ☑ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 5743 6923 0330 ☐ See Exception

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No

Seals Intact? ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Tin Can ☐ Other:

Date & Initials of Person Examining Contents: 10/27/22

				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-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				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 ☐ 10AIR17 ☐ 10AIR47 ☑ 10AIR48

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
5	3096	0931	-8	10					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Kirsten Hogberg **Date:** 10/27/2022

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

Qualtrax ID: 52723

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

December 01, 2022

Rob Langdon
SCS Engineers
2830 Dairy Dr.
Madison, WI 53718

RE: Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

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

Enclosures

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

CERTIFICATIONS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
A2LA Certification #: 2926.01*
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

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

SAMPLE SUMMARY

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10633716001	**Pilgrim-6**	Air	11/01/22 08:59	11/14/22 13:02

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SAMPLE ANALYTE COUNT

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10633716001	**Pilgrim-6**	TO-15	MJL	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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SUMMARY OF DETECTION

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10633716001	**Pilgrim-6**					
TO-15	Acetone	27.6	ug/m3	13.5	11/25/22 18:17	
TO-15	Benzene	2.4	ug/m3	0.73	11/25/22 18:17	
TO-15	2-Butanone (MEK)	16.8	ug/m3	6.7	11/25/22 18:17	
TO-15	Carbon disulfide	0.75J	ug/m3	1.4	11/25/22 18:17	
TO-15	Chloroform	1.8	ug/m3	1.1	11/25/22 18:17	
TO-15	Chloromethane	1.3	ug/m3	0.94	11/25/22 18:17	
TO-15	Cyclohexane	1.6J	ug/m3	3.9	11/25/22 18:17	
TO-15	Dichlorodifluoromethane	291	ug/m3	2.3	11/25/22 18:17	
TO-15	cis-1,2-Dichloroethene	253	ug/m3	1.8	11/25/22 18:17	
TO-15	trans-1,2-Dichloroethene	13.6	ug/m3	1.8	11/25/22 18:17	
TO-15	Ethanol	23.0	ug/m3	4.3	11/25/22 18:17	
TO-15	Ethylbenzene	3.4	ug/m3	2.0	11/25/22 18:17	
TO-15	4-Ethyltoluene	3.8J	ug/m3	5.6	11/25/22 18:17	
TO-15	n-Heptane	3.4	ug/m3	1.9	11/25/22 18:17	
TO-15	2-Hexanone	2.7J	ug/m3	9.3	11/25/22 18:17	
TO-15	Methylene Chloride	0.57J	ug/m3	7.9	11/25/22 18:17	
TO-15	4-Methyl-2-pentanone (MIBK)	2.4J	ug/m3	9.3	11/25/22 18:17	
TO-15	Naphthalene	8.5	ug/m3	6.0	11/25/22 18:17	
TO-15	2-Propanol	8.9	ug/m3	5.6	11/25/22 18:17	
TO-15	Styrene	1.3J	ug/m3	1.9	11/25/22 18:17	
TO-15	Tetrachloroethene	1320	ug/m3	30.9	11/30/22 03:30	
TO-15	Tetrahydrofuran	35.2	ug/m3	1.3	11/25/22 18:17	
TO-15	Toluene	16.3	ug/m3	1.7	11/25/22 18:17	
TO-15	1,1,1-Trichloroethane	1.5J	ug/m3	2.5	11/25/22 18:17	
TO-15	Trichloroethene	18.1	ug/m3	1.2	11/25/22 18:17	
TO-15	Trichlorofluoromethane	6.0	ug/m3	2.6	11/25/22 18:17	
TO-15	1,1,2-Trichlorotrifluoroethane	0.63J	ug/m3	3.5	11/25/22 18:17	
TO-15	1,2,4-Trimethylbenzene	6.2	ug/m3	2.2	11/25/22 18:17	
TO-15	1,3,5-Trimethylbenzene	2.5	ug/m3	2.2	11/25/22 18:17	
TO-15	Vinyl chloride	0.32J	ug/m3	0.58	11/25/22 18:17	
TO-15	m&p-Xylene	13.5	ug/m3	4.0	11/25/22 18:17	
TO-15	o-Xylene	6.0	ug/m3	2.0	11/25/22 18:17	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Sample: Pilgrim-6 **Lab ID: 10633716001** Collected: 11/01/22 08:59 Received: 11/14/22 13:02 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	**27.6**	ug/m3	13.5	5.0	2.24		11/25/22 18:17	67-64-1	
Benzene	**2.4**	ug/m3	0.73	0.25	2.24		11/25/22 18:17	71-43-2	
Benzyl chloride	**<1.7**	ug/m3	5.9	1.7	2.24		11/25/22 18:17	100-44-7	
Bromodichloromethane	**<0.72**	ug/m3	3.0	0.72	2.24		11/25/22 18:17	75-27-4	
Bromoform	**<1.7**	ug/m3	11.8	1.7	2.24		11/25/22 18:17	75-25-2	
Bromomethane	**<0.66**	ug/m3	1.8	0.66	2.24		11/25/22 18:17	74-83-9	
1,3-Butadiene	**<0.25**	ug/m3	1.0	0.25	2.24		11/25/22 18:17	106-99-0	
2-Butanone (MEK)	**16.8**	ug/m3	6.7	0.84	2.24		11/25/22 18:17	78-93-3	
Carbon disulfide	**0.75J**	ug/m3	1.4	0.52	2.24		11/25/22 18:17	75-15-0	
Carbon tetrachloride	**<0.94**	ug/m3	2.9	0.94	2.24		11/25/22 18:17	56-23-5	
Chlorobenzene	**<0.31**	ug/m3	2.1	0.31	2.24		11/25/22 18:17	108-90-7	
Chloroethane	**<0.46**	ug/m3	1.2	0.46	2.24		11/25/22 18:17	75-00-3	
Chloroform	**1.8**	ug/m3	1.1	0.30	2.24		11/25/22 18:17	67-66-3	
Chloromethane	**1.3**	ug/m3	0.94	0.20	2.24		11/25/22 18:17	74-87-3	
Cyclohexane	**1.6J**	ug/m3	3.9	0.30	2.24		11/25/22 18:17	110-82-7	
Dibromochloromethane	**<0.81**	ug/m3	3.9	0.81	2.24		11/25/22 18:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.69**	ug/m3	3.5	0.69	2.24		11/25/22 18:17	106-93-4	
1,2-Dichlorobenzene	**<1.9**	ug/m3	6.9	1.9	2.24		11/25/22 18:17	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/m3	6.9	1.8	2.24		11/25/22 18:17	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/m3	6.9	1.8	2.24		11/25/22 18:17	106-46-7	
Dichlorodifluoromethane	**291**	ug/m3	2.3	1.1	2.24		11/25/22 18:17	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/m3	1.8	0.24	2.24		11/25/22 18:17	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/m3	1.8	0.28	2.24		11/25/22 18:17	107-06-2	
1,1-Dichloroethene	**<0.37**	ug/m3	1.8	0.37	2.24		11/25/22 18:17	75-35-4	
cis-1,2-Dichloroethene	**253**	ug/m3	1.8	0.48	2.24		11/25/22 18:17	156-59-2	
trans-1,2-Dichloroethene	**13.6**	ug/m3	1.8	0.93	2.24		11/25/22 18:17	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/m3	2.1	0.45	2.24		11/25/22 18:17	78-87-5	
cis-1,3-Dichloropropene	**<1.5**	ug/m3	5.2	1.5	2.24		11/25/22 18:17	10061-01-5	
trans-1,3-Dichloropropene	**<1.7**	ug/m3	5.2	1.7	2.24		11/25/22 18:17	10061-02-6	
Dichlorotetrafluoroethane	**<0.54**	ug/m3	3.2	0.54	2.24		11/25/22 18:17	76-14-2	
Ethanol	**23.0**	ug/m3	4.3	2.0	2.24		11/25/22 18:17	64-17-5	
Ethyl acetate	**<0.36**	ug/m3	1.6	0.36	2.24		11/25/22 18:17	141-78-6	
Ethylbenzene	**3.4**	ug/m3	2.0	0.40	2.24		11/25/22 18:17	100-41-4	
4-Ethyltoluene	**3.8J**	ug/m3	5.6	0.91	2.24		11/25/22 18:17	622-96-8	
n-Heptane	**3.4**	ug/m3	1.9	0.29	2.24		11/25/22 18:17	142-82-5	
Hexachloro-1,3-butadiene	**<3.9**	ug/m3	12.1	3.9	2.24		11/25/22 18:17	87-68-3	
n-Hexane	**<0.52**	ug/m3	1.6	0.52	2.24		11/25/22 18:17	110-54-3	
2-Hexanone	**2.7J**	ug/m3	9.3	1.5	2.24		11/25/22 18:17	591-78-6	
Methylene Chloride	**0.57J**	ug/m3	7.9	0.28	2.24		11/25/22 18:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.4J**	ug/m3	9.3	1.2	2.24		11/25/22 18:17	108-10-1	
Methyl-tert-butyl ether	**<0.56**	ug/m3	8.2	0.56	2.24		11/25/22 18:17	1634-04-4	
Naphthalene	**8.5**	ug/m3	6.0	4.7	2.24		11/25/22 18:17	91-20-3	
2-Propanol	**8.9**	ug/m3	5.6	2.1	2.24		11/25/22 18:17	67-63-0	
Propylene	**<0.80**	ug/m3	2.0	0.80	2.24		11/25/22 18:17	115-07-1	
Styrene	**1.3J**	ug/m3	1.9	0.93	2.24		11/25/22 18:17	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Sample: Pilgrim-6 **Lab ID: 10633716001** Collected: 11/01/22 08:59 Received: 11/14/22 13:02 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	**<0.64**	ug/m3	3.1	0.64	2.24		11/25/22 18:17	79-34-5	
Tetrachloroethene	**1320**	ug/m3	30.9	11.1	44.8		11/30/22 03:30	127-18-4	
Tetrahydrofuran	**35.2**	ug/m3	1.3	0.42	2.24		11/25/22 18:17	109-99-9	
Toluene	**16.3**	ug/m3	1.7	0.36	2.24		11/25/22 18:17	108-88-3	
1,2,4-Trichlorobenzene	**<12.8**	ug/m3	16.9	12.8	2.24		11/25/22 18:17	120-82-1	
1,1,1-Trichloroethane	**1.5J**	ug/m3	2.5	0.41	2.24		11/25/22 18:17	71-55-6	
1,1,2-Trichloroethane	**<0.58**	ug/m3	1.2	0.58	2.24		11/25/22 18:17	79-00-5	
Trichloroethene	**18.1**	ug/m3	1.2	0.54	2.24		11/25/22 18:17	79-01-6	
Trichlorofluoromethane	**6.0**	ug/m3	2.6	0.45	2.24		11/25/22 18:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.63J**	ug/m3	3.5	0.51	2.24		11/25/22 18:17	76-13-1	
1,2,4-Trimethylbenzene	**6.2**	ug/m3	2.2	0.78	2.24		11/25/22 18:17	95-63-6	
1,3,5-Trimethylbenzene	**2.5**	ug/m3	2.2	0.61	2.24		11/25/22 18:17	108-67-8	
Vinyl acetate	**<0.39**	ug/m3	1.6	0.39	2.24		11/25/22 18:17	108-05-4	
Vinyl chloride	**0.32J**	ug/m3	0.58	0.21	2.24		11/25/22 18:17	75-01-4	
m&p-Xylene	**13.5**	ug/m3	4.0	1.1	2.24		11/25/22 18:17	179601-23-1	
o-Xylene	**6.0**	ug/m3	2.0	0.40	2.24		11/25/22 18:17	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

QC Batch: 855243
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10633716001

METHOD BLANK: 4521423 Matrix: Air
Associated Lab Samples: 10633716001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.090	0.56	11/25/22 12:09	
1,1,2,2-Tetrachloroethane	ug/m3	<0.14	0.70	11/25/22 12:09	
1,1,2-Trichloroethane	ug/m3	<0.13	0.28	11/25/22 12:09	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.11	0.78	11/25/22 12:09	
1,1-Dichloroethane	ug/m3	<0.054	0.41	11/25/22 12:09	
1,1-Dichloroethene	ug/m3	<0.082	0.40	11/25/22 12:09	
1,2,4-Trichlorobenzene	ug/m3	3.4J	3.8	11/25/22 12:09	
1,2,4-Trimethylbenzene	ug/m3	<0.18	0.50	11/25/22 12:09	
1,2-Dibromoethane (EDB)	ug/m3	<0.15	0.78	11/25/22 12:09	MN
1,2-Dichlorobenzene	ug/m3	0.66J	1.5	11/25/22 12:09	
1,2-Dichloroethane	ug/m3	<0.064	0.41	11/25/22 12:09	
1,2-Dichloropropane	ug/m3	<0.10	0.47	11/25/22 12:09	
1,3,5-Trimethylbenzene	ug/m3	<0.14	0.50	11/25/22 12:09	
1,3-Butadiene	ug/m3	<0.056	0.22	11/25/22 12:09	
1,3-Dichlorobenzene	ug/m3	<0.41	1.5	11/25/22 12:09	
1,4-Dichlorobenzene	ug/m3	0.75J	1.5	11/25/22 12:09	
2-Butanone (MEK)	ug/m3	<0.19	1.5	11/25/22 12:09	
2-Hexanone	ug/m3	<0.34	2.1	11/25/22 12:09	
2-Propanol	ug/m3	<0.48	1.2	11/25/22 12:09	
4-Ethyltoluene	ug/m3	<0.20	1.2	11/25/22 12:09	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.27	2.1	11/25/22 12:09	
Acetone	ug/m3	<1.1	3.0	11/25/22 12:09	
Benzene	ug/m3	<0.055	0.16	11/25/22 12:09	
Benzyl chloride	ug/m3	<0.38	1.3	11/25/22 12:09	
Bromodichloromethane	ug/m3	<0.16	0.68	11/25/22 12:09	
Bromoform	ug/m3	<0.39	2.6	11/25/22 12:09	
Bromomethane	ug/m3	<0.15	0.39	11/25/22 12:09	
Carbon disulfide	ug/m3	0.14J	0.32	11/25/22 12:09	
Carbon tetrachloride	ug/m3	<0.21	0.64	11/25/22 12:09	
Chlorobenzene	ug/m3	<0.070	0.47	11/25/22 12:09	
Chloroethane	ug/m3	<0.10	0.27	11/25/22 12:09	
Chloroform	ug/m3	<0.067	0.25	11/25/22 12:09	
Chloromethane	ug/m3	<0.044	0.21	11/25/22 12:09	
cis-1,2-Dichloroethene	ug/m3	<0.11	0.40	11/25/22 12:09	
cis-1,3-Dichloropropene	ug/m3	<0.33	1.2	11/25/22 12:09	
Cyclohexane	ug/m3	<0.067	0.88	11/25/22 12:09	
Dibromochloromethane	ug/m3	<0.18	0.86	11/25/22 12:09	
Dichlorodifluoromethane	ug/m3	<0.26	0.50	11/25/22 12:09	
Dichlorotetrafluoroethane	ug/m3	<0.12	0.71	11/25/22 12:09	
Ethanol	ug/m3	<0.45	0.96	11/25/22 12:09	

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
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QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

METHOD BLANK: 4521423 Matrix: Air
Associated Lab Samples: 10633716001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.080	0.37	11/25/22 12:09	
Ethylbenzene	ug/m3	<0.090	0.44	11/25/22 12:09	
Hexachloro-1,3-butadiene	ug/m3	1.2J	2.7	11/25/22 12:09	
m&p-Xylene	ug/m3	<0.25	0.88	11/25/22 12:09	
Methyl-tert-butyl ether	ug/m3	<0.12	1.8	11/25/22 12:09	
Methylene Chloride	ug/m3	<0.062	1.8	11/25/22 12:09	
n-Heptane	ug/m3	<0.064	0.42	11/25/22 12:09	
n-Hexane	ug/m3	<0.12	0.36	11/25/22 12:09	
Naphthalene	ug/m3	1.1J	1.3	11/25/22 12:09	
o-Xylene	ug/m3	<0.089	0.44	11/25/22 12:09	
Propylene	ug/m3	<0.18	0.44	11/25/22 12:09	
Styrene	ug/m3	<0.21	0.43	11/25/22 12:09	
Tetrachloroethene	ug/m3	<0.12	0.34	11/25/22 12:09	
Tetrahydrofuran	ug/m3	<0.093	0.30	11/25/22 12:09	
Toluene	ug/m3	<0.081	0.38	11/25/22 12:09	
trans-1,2-Dichloroethene	ug/m3	<0.21	0.40	11/25/22 12:09	
trans-1,3-Dichloropropene	ug/m3	<0.39	1.2	11/25/22 12:09	
Trichloroethene	ug/m3	<0.12	0.27	11/25/22 12:09	
Trichlorofluoromethane	ug/m3	<0.10	0.57	11/25/22 12:09	
Vinyl acetate	ug/m3	<0.088	0.36	11/25/22 12:09	
Vinyl chloride	ug/m3	<0.048	0.13	11/25/22 12:09	

LABORATORY CONTROL SAMPLE: 4521424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58	66.1	114	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	72.8	93.4	128	70-132	
1,1,2-Trichloroethane	ug/m3	58.3	72.3	124	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.2	89.3	110	70-130	
1,1-Dichloroethane	ug/m3	42.5	50.6	119	70-130	
1,1-Dichloroethene	ug/m3	41.9	45.5	109	70-130	
1,2,4-Trichlorobenzene	ug/m3	175	174	99	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.5	56.3	107	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.5	88.1	109	70-137	
1,2-Dichlorobenzene	ug/m3	63.9	65.7	103	70-131	
1,2-Dichloroethane	ug/m3	42.4	52.6	124	70-134	
1,2-Dichloropropane	ug/m3	49.3	59.5	121	70-130	
1,3,5-Trimethylbenzene	ug/m3	52.4	56.0	107	70-131	
1,3-Butadiene	ug/m3	23.9	28.0	117	70-139	
1,3-Dichlorobenzene	ug/m3	64.2	65.2	102	70-134	
1,4-Dichlorobenzene	ug/m3	64.3	64.9	101	70-131	
2-Butanone (MEK)	ug/m3	31.3	38.0	121	70-133	
2-Hexanone	ug/m3	43.4	47.4	109	70-136	
2-Propanol	ug/m3	137	160	117	65-133	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

LABORATORY CONTROL SAMPLE: 4521424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.3	54.2	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	55.3	127	70-130	
Acetone	ug/m3	127	136	107	60-134	
Benzene	ug/m3	33.8	40.5	120	70-130	
Benzyl chloride	ug/m3	55.6	58.7	106	70-130	
Bromodichloromethane	ug/m3	71.5	87.3	122	70-130	
Bromoform	ug/m3	110	117	106	70-138	
Bromomethane	ug/m3	41.4	45.3	109	68-131	
Carbon disulfide	ug/m3	33	34.1	103	70-130	
Carbon tetrachloride	ug/m3	66.7	82.1	123	70-132	
Chlorobenzene	ug/m3	49	59.4	121	70-130	
Chloroethane	ug/m3	28.1	31.9	113	70-134	
Chloroform	ug/m3	52.1	60.7	116	70-130	
Chloromethane	ug/m3	22	24.6	112	68-131	
cis-1,2-Dichloroethene	ug/m3	42.1	52.7	125	70-136	
cis-1,3-Dichloropropene	ug/m3	48.2	53.6	111	70-130	
Cyclohexane	ug/m3	36.4	44.0	121	70-131	
Dibromochloromethane	ug/m3	90.6	111	122	70-134	
Dichlorodifluoromethane	ug/m3	52.5	57.4	109	70-130	
Dichlorotetrafluoroethane	ug/m3	74.4	82.7	111	70-130	
Ethanol	ug/m3	113	131	117	55-145	
Ethyl acetate	ug/m3	38.4	47.8	124	70-135	
Ethylbenzene	ug/m3	46.2	52.1	113	70-133	
Hexachloro-1,3-butadiene	ug/m3	130	134	103	70-132	
m&p-Xylene	ug/m3	92.4	104	112	70-134	
Methyl-tert-butyl ether	ug/m3	38.3	46.8	122	70-131	
Methylene Chloride	ug/m3	36.8	42.6	116	65-132	
n-Heptane	ug/m3	43.5	53.6	123	70-130	
n-Hexane	ug/m3	37.7	42.0	111	70-132	
Naphthalene	ug/m3	63.9	68.5	107	70-130	
o-Xylene	ug/m3	46	49.1	107	70-134	
Propylene	ug/m3	18.6	20.0	107	69-133	
Styrene	ug/m3	45.3	49.7	110	70-135	
Tetrachloroethene	ug/m3	72	86.2	120	70-134	
Tetrahydrofuran	ug/m3	31.3	37.8	121	70-140	
Toluene	ug/m3	40.2	49.7	124	70-136	
trans-1,2-Dichloroethene	ug/m3	42.3	51.2	121	70-134	
trans-1,3-Dichloropropene	ug/m3	48.4	49.1	102	70-131	
Trichloroethene	ug/m3	57.2	69.6	122	70-134	
Trichlorofluoromethane	ug/m3	60.3	65.7	109	63-130	
Vinyl acetate	ug/m3	38.7	47.7	123	70-139	
Vinyl chloride	ug/m3	27.2	31.5	115	70-132	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

SAMPLE DUPLICATE: 4522244

Parameter	Units	10632748001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.25		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.39		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.35		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.66J		25	
1,1-Dichloroethane	ug/m3	ND	<0.15		25	
1,1-Dichloroethene	ug/m3	ND	<0.22		25	
1,2,4-Trichlorobenzene	ug/m3	ND	8.2J		25	
1,2,4-Trimethylbenzene	ug/m3	5.2	5.1	2	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.42		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.2		25	
1,2-Dichloroethane	ug/m3	ND	<0.17		25	
1,2-Dichloropropane	ug/m3	ND	<0.27		25	
1,3,5-Trimethylbenzene	ug/m3	2.3	2.2	3	25	
1,3-Butadiene	ug/m3	ND	<0.15		25	
1,3-Dichlorobenzene	ug/m3	ND	<1.1		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.1		25	
2-Butanone (MEK)	ug/m3	54.4	56.9	4	25	
2-Hexanone	ug/m3	ND	<0.94		25	
2-Propanol	ug/m3	54.4	56.8	4	25	
4-Ethyltoluene	ug/m3	ND	2.7J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	14.2	14.3	1	25	
Acetone	ug/m3	416	412	1	25	
Benzene	ug/m3	1.4	1.5	2	25	
Benzyl chloride	ug/m3	ND	<1.0		25	
Bromodichloromethane	ug/m3	ND	<0.44		25	
Bromoform	ug/m3	ND	<1.1		25	
Bromomethane	ug/m3	ND	1.1		25	
Carbon disulfide	ug/m3	2.6	2.6	2	25	
Carbon tetrachloride	ug/m3	ND	0.85J		25	
Chlorobenzene	ug/m3	ND	<0.19		25	
Chloroethane	ug/m3	ND	<0.28		25	
Chloroform	ug/m3	1.4	1.4	3	25	
Chloromethane	ug/m3	1.1	1.3	12	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.29		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.89		25	
Cyclohexane	ug/m3	6.0	6.4	6	25	
Dibromochloromethane	ug/m3	ND	<0.49		25	
Dichlorodifluoromethane	ug/m3	2.9	2.9	0	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.33		25	
Ethanol	ug/m3	142	153	8	25	
Ethyl acetate	ug/m3	70.1	71.7	2	25	
Ethylbenzene	ug/m3	5.3	5.5	3	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<2.4		25	
m&p-Xylene	ug/m3	19.5	20.3	4	25	
Methyl-tert-butyl ether	ug/m3	ND	0.61J		25	
Methylene Chloride	ug/m3	ND	3.5J		25	
n-Heptane	ug/m3	6.9	7.0	1	25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

SAMPLE DUPLICATE: 4522244

Parameter	Units	10632748001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	8.3	8.6	3	25	
Naphthalene	ug/m3	ND	3.3J		25	
o-Xylene	ug/m3	6.5	6.7	3	25	
Propylene	ug/m3	ND	<0.49		25	
Styrene	ug/m3	3.2	3.2	3	25	
Tetrachloroethene	ug/m3	70100	42500	49	25	E,R1
Tetrahydrofuran	ug/m3	1.5	1.5	1	25	
Toluene	ug/m3	273	251	8	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.56		25	
trans-1,3-Dichloropropene	ug/m3	ND	<1.1		25	
Trichloroethene	ug/m3	1.6	1.7	5	25	
Trichlorofluoromethane	ug/m3	1.6	1.6	3	25	
Vinyl acetate	ug/m3	ND	1.3		25	
Vinyl chloride	ug/m3	ND	<0.13		25	

SAMPLE DUPLICATE: 4522245

Parameter	Units	10634374002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.27		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.43		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.38		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.55J		25	
1,1-Dichloroethane	ug/m3	ND	<0.16		25	
1,1-Dichloroethene	ug/m3	ND	<0.24		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<8.5		25	
1,2,4-Trimethylbenzene	ug/m3	134	127	5	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.46		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.3		25	
1,2-Dichloroethane	ug/m3	ND	<0.19		25	
1,2-Dichloropropane	ug/m3	ND	<0.30		25	
1,3,5-Trimethylbenzene	ug/m3	37.3	35.7	4	25	
1,3-Butadiene	ug/m3	ND	<0.17		25	
1,3-Dichlorobenzene	ug/m3	ND	<1.2		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.2		25	
2-Butanone (MEK)	ug/m3	52.9	51.6	2	25	
2-Hexanone	ug/m3	7.7	7.5	2	25	
2-Propanol	ug/m3	5.2	5.0	4	25	
4-Ethyltoluene	ug/m3	31.4	29.9	5	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	107	103	3	25	
Acetone	ug/m3	78.9	69.2	13	25	
Benzene	ug/m3	18.6	17.8	4	25	
Benzyl chloride	ug/m3	ND	<1.1		25	
Bromodichloromethane	ug/m3	ND	<0.48		25	
Bromoform	ug/m3	ND	<1.2		25	
Bromomethane	ug/m3	ND	<0.44		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

SAMPLE DUPLICATE: 4522245

Parameter	Units	10634374002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	4.3	4.2	3	25	
Carbon tetrachloride	ug/m3	ND	<0.62		25	
Chlorobenzene	ug/m3	ND	<0.21		25	
Chloroethane	ug/m3	ND	<0.31		25	
Chloroform	ug/m3	ND	0.48J		25	
Chloromethane	ug/m3	ND	0.33J		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.32		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.97		25	
Cyclohexane	ug/m3	2.9	2.5J		25	
Dibromochloromethane	ug/m3	ND	<0.54		25	
Dichlorodifluoromethane	ug/m3	2.7	2.7	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.36		25	
Ethanol	ug/m3	404	408	1	25	
Ethyl acetate	ug/m3	2.9	2.6	14	25	
Ethylbenzene	ug/m3	11.3	11.1	3	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<2.6		25	
m&p-Xylene	ug/m3	61.4	59.4	3	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.37		25	
Methylene Chloride	ug/m3	ND	<0.19		25	
n-Heptane	ug/m3	5.3	4.9	8	25	
n-Hexane	ug/m3	8.9	8.0	10	25	
Naphthalene	ug/m3	57.0	61.9	8	25	
o-Xylene	ug/m3	24.7	23.7	4	25	
Propylene	ug/m3	16.5	17.3	5	25	
Styrene	ug/m3	1.4	1.3J		25	
Tetrachloroethene	ug/m3	19.0	18.6	2	25	
Tetrahydrofuran	ug/m3	8.8	8.5	4	25	
Toluene	ug/m3	20.0	19.7	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.62		25	
trans-1,3-Dichloropropene	ug/m3	ND	<1.2		25	
Trichloroethene	ug/m3	ND	<0.36		25	
Trichlorofluoromethane	ug/m3	1.9	1.8	7	25	
Vinyl acetate	ug/m3	ND	<0.26		25	
Vinyl chloride	ug/m3	ND	<0.14		25	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

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

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
R1	RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10633716

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10633716001	**Pilgrim-6**	TO-15	855243		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

53422

Page: 1 of 1

Section A Required Client Information:

Company: SCS Engineers
Address: 2830 Dairy Dr. Madison WI 53718
Email To: RLangdon@SCSengineers.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Robert Langdon
Copy To:
Purchase Order No.:
Project Name: Pilgrim Cleaners
Project Number: 2521372.21

Section C Invoice Information:

Attention: Robert Langdon
Company Name: SCS Engineers
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 32630

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

Location of Sampling by State: WF

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

Report Level II.___ III.___ IV.___ Other ___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE - END/GRAB DATE	COLLECTED 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	Pilgrim - 6	1LC		11/1/22	9:54	11/1/22	8:54	-30	-8	2919	2917					X					001
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Keith Gilkey SCS Eng	11/1/22	10:10	Matt Fisher/Pace	11-14-22	13:02

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Keith Gilkey
SIGNATURE of SAMPLER: Keith Gilkey
DATE Signed (MM / DD / YY): 11/1/22

WO# : 10633716

10633716

DC#_Title: ENV-FRM-MIN4-0113 v01_Sample Condition Upon Receipt (SCUR) - Air

Effective Date: 02/25/2022

WO#: 10633716

PM: KNH Due Date: 11/21/22

CLIENT: SCS Engineer

Air Sample Condition Upon Receipt **Client Name:** SCS Eng. **Project #:**

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 610187396566 ☐ See Exception

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No

Seals Intact? ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other:

Date & Initials of Person Examining Contents: 11-14-22 MI

				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-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				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 ☒ 10AIR17 ☐ 10AIR47 ☐ 10AIR48

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
Pilgrim-6	2919	2917	-7.5	+10					

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Kirsten Hogberg **Date:** 11/15/2022

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

Qualtrax ID: 52723

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

January 05, 2023

Rob Langdon
SCS Engineers
2830 Dairy Dr.
Madison, WI 53718

RE: Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on December 19, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

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

Enclosures

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

CERTIFICATIONS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
A2LA Certification #: 2926.01*
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

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

SAMPLE SUMMARY

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10637681001	**Pilgrim Cleaners-7**	Air	12/09/22 14:59	12/19/22 11:46

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SAMPLE ANALYTE COUNT

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10637681001	**Pilgrim Cleaners-7**	TO-15	MJL	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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SUMMARY OF DETECTION

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10637681001	**Pilgrim Cleaners-7**					
TO-15	Dichlorodifluoromethane	301	ug/m3	66.4	01/05/23 03:18	
TO-15	cis-1,2-Dichloroethene	149	ug/m3	53.0	01/05/23 03:18	
TO-15	2-Propanol	79.3J	ug/m3	164	01/05/23 03:18	
TO-15	Tetrachloroethene	1250	ug/m3	45.3	01/05/23 03:18	

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ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Sample: Pilgrim Cleaners-7 **Lab ID: 10637681001** Collected: 12/09/22 14:59 Received: 12/19/22 11:46 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	**<147**	ug/m3	397	147	65.7		01/05/23 03:18	67-64-1	
Benzene	**<7.2**	ug/m3	21.4	7.2	65.7		01/05/23 03:18	71-43-2	
Benzyl chloride	**<50.5**	ug/m3	173	50.5	65.7		01/05/23 03:18	100-44-7	
Bromodichloromethane	**<21.0**	ug/m3	89.4	21.0	65.7		01/05/23 03:18	75-27-4	
Bromoform	**<51.1**	ug/m3	345	51.1	65.7		01/05/23 03:18	75-25-2	
Bromomethane	**<19.4**	ug/m3	51.8	19.4	65.7		01/05/23 03:18	74-83-9	
1,3-Butadiene	**<7.3**	ug/m3	29.6	7.3	65.7		01/05/23 03:18	106-99-0	
2-Butanone (MEK)	**<24.6**	ug/m3	197	24.6	65.7		01/05/23 03:18	78-93-3	
Carbon disulfide	**<15.4**	ug/m3	41.6	15.4	65.7		01/05/23 03:18	75-15-0	
Carbon tetrachloride	**<27.5**	ug/m3	210	27.5	65.7		01/05/23 03:18	56-23-5	
Chlorobenzene	**<9.1**	ug/m3	61.5	9.1	65.7		01/05/23 03:18	108-90-7	
Chloroethane	**<13.5**	ug/m3	35.2	13.5	65.7		01/05/23 03:18	75-00-3	
Chloroform	**<8.8**	ug/m3	32.6	8.8	65.7		01/05/23 03:18	67-66-3	
Chloromethane	**<5.8**	ug/m3	27.6	5.8	65.7		01/05/23 03:18	74-87-3	
Cyclohexane	**<8.8**	ug/m3	115	8.8	65.7		01/05/23 03:18	110-82-7	
Dibromochloromethane	**<23.7**	ug/m3	114	23.7	65.7		01/05/23 03:18	124-48-1	
1,2-Dibromoethane (EDB)	**<20.3**	ug/m3	51.3	20.3	65.7		01/05/23 03:18	106-93-4	
1,2-Dichlorobenzene	**<56.6**	ug/m3	201	56.6	65.7		01/05/23 03:18	95-50-1	
1,3-Dichlorobenzene	**<54.1**	ug/m3	201	54.1	65.7		01/05/23 03:18	541-73-1	
1,4-Dichlorobenzene	**<53.3**	ug/m3	201	53.3	65.7		01/05/23 03:18	106-46-7	
Dichlorodifluoromethane	**301**	ug/m3	66.4	33.7	65.7		01/05/23 03:18	75-71-8	
1,1-Dichloroethane	**<7.0**	ug/m3	54.1	7.0	65.7		01/05/23 03:18	75-34-3	
1,2-Dichloroethane	**<8.3**	ug/m3	54.1	8.3	65.7		01/05/23 03:18	107-06-2	
1,1-Dichloroethene	**<10.8**	ug/m3	53.0	10.8	65.7		01/05/23 03:18	75-35-4	
cis-1,2-Dichloroethene	**149**	ug/m3	53.0	14.1	65.7		01/05/23 03:18	156-59-2	
trans-1,2-Dichloroethene	**<27.3**	ug/m3	53.0	27.3	65.7		01/05/23 03:18	156-60-5	
1,2-Dichloropropane	**<13.2**	ug/m3	61.7	13.2	65.7		01/05/23 03:18	78-87-5	
cis-1,3-Dichloropropene	**<42.9**	ug/m3	152	42.9	65.7		01/05/23 03:18	10061-01-5	
trans-1,3-Dichloropropene	**<51.0**	ug/m3	152	51.0	65.7		01/05/23 03:18	10061-02-6	
Dichlorotetrafluoroethane	**<16.0**	ug/m3	93.3	16.0	65.7		01/05/23 03:18	76-14-2	
Ethanol	**<59.3**	ug/m3	126	59.3	65.7		01/05/23 03:18	64-17-5	
Ethyl acetate	**<10.5**	ug/m3	48.2	10.5	65.7		01/05/23 03:18	141-78-6	
Ethylbenzene	**<11.8**	ug/m3	58.0	11.8	65.7		01/05/23 03:18	100-41-4	
4-Ethyltoluene	**<26.7**	ug/m3	164	26.7	65.7		01/05/23 03:18	622-96-8	
n-Heptane	**<8.5**	ug/m3	54.7	8.5	65.7		01/05/23 03:18	142-82-5	
Hexachloro-1,3-butadiene	**<116**	ug/m3	356	116	65.7		01/05/23 03:18	87-68-3	
n-Hexane	**<15.2**	ug/m3	47.0	15.2	65.7		01/05/23 03:18	110-54-3	
2-Hexanone	**<45.2**	ug/m3	273	45.2	65.7		01/05/23 03:18	591-78-6	
Methylene Chloride	**<8.2**	ug/m3	232	8.2	65.7		01/05/23 03:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<35.3**	ug/m3	273	35.3	65.7		01/05/23 03:18	108-10-1	
Methyl-tert-butyl ether	**<16.4**	ug/m3	240	16.4	65.7		01/05/23 03:18	1634-04-4	
Naphthalene	**<137**	ug/m3	175	137	65.7		01/05/23 03:18	91-20-3	
2-Propanol	**79.3J**	ug/m3	164	63.0	65.7		01/05/23 03:18	67-63-0	
Propylene	**<23.5**	ug/m3	57.5	23.5	65.7		01/05/23 03:18	115-07-1	
Styrene	**<27.3**	ug/m3	56.9	27.3	65.7		01/05/23 03:18	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Sample: Pilgrim Cleaners-7 **Lab ID: 10637681001** Collected: 12/09/22 14:59 Received: 12/19/22 11:46 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	**<18.9**	ug/m3	92.0	18.9	65.7		01/05/23 03:18	79-34-5	
Tetrachloroethene	**1250**	ug/m3	45.3	16.3	65.7		01/05/23 03:18	127-18-4	
Tetrahydrofuran	**<12.2**	ug/m3	39.4	12.2	65.7		01/05/23 03:18	109-99-9	
Toluene	**<10.6**	ug/m3	50.3	10.6	65.7		01/05/23 03:18	108-88-3	
1,2,4-Trichlorobenzene	**<376**	ug/m3	495	376	65.7		01/05/23 03:18	120-82-1	
1,1,1-Trichloroethane	**<11.9**	ug/m3	72.9	11.9	65.7		01/05/23 03:18	71-55-6	
1,1,2-Trichloroethane	**<17.0**	ug/m3	36.5	17.0	65.7		01/05/23 03:18	79-00-5	
Trichloroethene	**<15.7**	ug/m3	35.9	15.7	65.7		01/05/23 03:18	79-01-6	
Trichlorofluoromethane	**<13.3**	ug/m3	74.9	13.3	65.7		01/05/23 03:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<15.0**	ug/m3	102	15.0	65.7		01/05/23 03:18	76-13-1	
1,2,4-Trimethylbenzene	**<23.0**	ug/m3	65.6	23.0	65.7		01/05/23 03:18	95-63-6	
1,3,5-Trimethylbenzene	**<18.0**	ug/m3	65.6	18.0	65.7		01/05/23 03:18	108-67-8	
Vinyl acetate	**<11.6**	ug/m3	47.0	11.6	65.7		01/05/23 03:18	108-05-4	
Vinyl chloride	**<6.3**	ug/m3	17.1	6.3	65.7		01/05/23 03:18	75-01-4	
m&p-Xylene	**<32.3**	ug/m3	116	32.3	65.7		01/05/23 03:18	179601-23-1	
o-Xylene	**<11.7**	ug/m3	58.0	11.7	65.7		01/05/23 03:18	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

QC Batch: 861388
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10637681001

METHOD BLANK: 4550437 Matrix: Air
Associated Lab Samples: 10637681001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.18	1.1	01/04/23 11:51	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	1.4	01/04/23 11:51	
1,1,2-Trichloroethane	ug/m3	<0.26	0.56	01/04/23 11:51	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.23	1.6	01/04/23 11:51	
1,1-Dichloroethane	ug/m3	<0.11	0.82	01/04/23 11:51	
1,1-Dichloroethene	ug/m3	<0.16	0.81	01/04/23 11:51	
1,2,4-Trichlorobenzene	ug/m3	<5.7	7.5	01/04/23 11:51	
1,2,4-Trimethylbenzene	ug/m3	<0.35	1.0	01/04/23 11:51	
1,2-Dibromoethane (EDB)	ug/m3	<0.31	0.78	01/04/23 11:51	
1,2-Dichlorobenzene	ug/m3	<0.86	3.1	01/04/23 11:51	
1,2-Dichloroethane	ug/m3	<0.13	0.82	01/04/23 11:51	
1,2-Dichloropropane	ug/m3	<0.20	0.94	01/04/23 11:51	
1,3,5-Trimethylbenzene	ug/m3	<0.27	1.0	01/04/23 11:51	
1,3-Butadiene	ug/m3	<0.11	0.45	01/04/23 11:51	
1,3-Dichlorobenzene	ug/m3	<0.82	3.1	01/04/23 11:51	
1,4-Dichlorobenzene	ug/m3	<0.81	3.1	01/04/23 11:51	
2-Butanone (MEK)	ug/m3	<0.38	3.0	01/04/23 11:51	
2-Hexanone	ug/m3	<0.69	4.2	01/04/23 11:51	
2-Propanol	ug/m3	<0.96	2.5	01/04/23 11:51	
4-Ethyltoluene	ug/m3	<0.41	2.5	01/04/23 11:51	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.54	4.2	01/04/23 11:51	
Acetone	ug/m3	<2.2	6.0	01/04/23 11:51	
Benzene	ug/m3	<0.11	0.32	01/04/23 11:51	
Benzyl chloride	ug/m3	<0.77	2.6	01/04/23 11:51	
Bromodichloromethane	ug/m3	<0.32	1.4	01/04/23 11:51	
Bromoform	ug/m3	<0.78	5.2	01/04/23 11:51	
Bromomethane	ug/m3	<0.30	0.79	01/04/23 11:51	
Carbon disulfide	ug/m3	<0.23	0.63	01/04/23 11:51	
Carbon tetrachloride	ug/m3	<0.42	3.2	01/04/23 11:51	MN
Chlorobenzene	ug/m3	<0.14	0.94	01/04/23 11:51	
Chloroethane	ug/m3	<0.20	0.54	01/04/23 11:51	
Chloroform	ug/m3	<0.13	0.50	01/04/23 11:51	
Chloromethane	ug/m3	<0.088	0.42	01/04/23 11:51	
cis-1,2-Dichloroethene	ug/m3	<0.21	0.81	01/04/23 11:51	
cis-1,3-Dichloropropene	ug/m3	<0.65	2.3	01/04/23 11:51	
Cyclohexane	ug/m3	<0.13	1.8	01/04/23 11:51	
Dibromochloromethane	ug/m3	<0.36	1.7	01/04/23 11:51	
Dichlorodifluoromethane	ug/m3	<0.51	1.0	01/04/23 11:51	
Dichlorotetrafluoroethane	ug/m3	<0.24	1.4	01/04/23 11:51	
Ethanol	ug/m3	<0.90	1.9	01/04/23 11:51	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

METHOD BLANK: 4550437 Matrix: Air
Associated Lab Samples: 10637681001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.16	0.73	01/04/23 11:51	
Ethylbenzene	ug/m3	<0.18	0.88	01/04/23 11:51	
Hexachloro-1,3-butadiene	ug/m3	<1.8	5.4	01/04/23 11:51	
m&p-Xylene	ug/m3	<0.49	1.8	01/04/23 11:51	
Methyl-tert-butyl ether	ug/m3	<0.25	3.7	01/04/23 11:51	
Methylene Chloride	ug/m3	<0.12	3.5	01/04/23 11:51	
n-Heptane	ug/m3	<0.13	0.83	01/04/23 11:51	
n-Hexane	ug/m3	<0.23	0.72	01/04/23 11:51	
Naphthalene	ug/m3	<2.1	2.7	01/04/23 11:51	
o-Xylene	ug/m3	<0.18	0.88	01/04/23 11:51	
Propylene	ug/m3	<0.36	0.88	01/04/23 11:51	
Styrene	ug/m3	<0.42	0.87	01/04/23 11:51	
Tetrachloroethene	ug/m3	<0.25	0.69	01/04/23 11:51	
Tetrahydrofuran	ug/m3	<0.19	0.60	01/04/23 11:51	
Toluene	ug/m3	<0.16	0.77	01/04/23 11:51	
trans-1,2-Dichloroethene	ug/m3	<0.42	0.81	01/04/23 11:51	
trans-1,3-Dichloropropene	ug/m3	<0.78	2.3	01/04/23 11:51	
Trichloroethene	ug/m3	<0.24	0.55	01/04/23 11:51	
Trichlorofluoromethane	ug/m3	<0.20	1.1	01/04/23 11:51	
Vinyl acetate	ug/m3	<0.18	0.72	01/04/23 11:51	
Vinyl chloride	ug/m3	<0.096	0.26	01/04/23 11:51	

LABORATORY CONTROL SAMPLE: 4550438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58	58.3	100	70-133	
1,1,2,2-Tetrachloroethane	ug/m3	72.8	69.5	96	70-138	
1,1,2-Trichloroethane	ug/m3	58.3	56.6	97	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.2	83.3	103	69-139	
1,1-Dichloroethane	ug/m3	42.5	43.7	103	70-133	
1,1-Dichloroethene	ug/m3	41.9	35.0	83	69-134	
1,2,4-Trichlorobenzene	ug/m3	175	196	112	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.5	58.6	112	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.5	77.3	96	70-135	
1,2-Dichlorobenzene	ug/m3	63.9	80.6	126	70-133	
1,2-Dichloroethane	ug/m3	42.4	40.0	94	70-131	
1,2-Dichloropropane	ug/m3	49.3	36.2	73	70-130	
1,3,5-Trimethylbenzene	ug/m3	52.4	55.4	106	70-135	
1,3-Butadiene	ug/m3	23.9	18.2	76	69-137	
1,3-Dichlorobenzene	ug/m3	64.2	73.9	115	70-136	
1,4-Dichlorobenzene	ug/m3	64.3	80.6	125	70-135	
2-Butanone (MEK)	ug/m3	31.3	24.6	79	70-135	
2-Hexanone	ug/m3	43.4	43.8	101	70-130	
2-Propanol	ug/m3	137	125	91	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

LABORATORY CONTROL SAMPLE: 4550438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.3	63.3	121	70-137	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	40.4	93	70-142	
Acetone	ug/m3	127	92.3	72	65-131	
Benzene	ug/m3	33.8	26.5	79	70-130	
Benzyl chloride	ug/m3	55.6	60.1	108	70-130	
Bromodichloromethane	ug/m3	71.5	69.9	98	70-132	
Bromoform	ug/m3	110	119	108	70-143	
Bromomethane	ug/m3	41.4	32.4	78	70-133	
Carbon disulfide	ug/m3	33	32.4	98	70-131	
Carbon tetrachloride	ug/m3	66.7	61.9	93	70-135	
Chlorobenzene	ug/m3	49	54.3	111	70-133	
Chloroethane	ug/m3	28.1	22.2	79	64-140	
Chloroform	ug/m3	52.1	50.2	96	70-133	
Chloromethane	ug/m3	22	18.0	82	68-130	
cis-1,2-Dichloroethene	ug/m3	42.1	36.2	86	70-133	
cis-1,3-Dichloropropene	ug/m3	48.2	45.8	95	70-133	
Cyclohexane	ug/m3	36.4	34.2	94	70-134	
Dibromochloromethane	ug/m3	90.6	105	116	70-134	
Dichlorodifluoromethane	ug/m3	52.5	44.4	85	70-130	
Dichlorotetrafluoroethane	ug/m3	74.4	66.4	89	70-130	
Ethanol	ug/m3	113	85.6	76	65-130	
Ethyl acetate	ug/m3	38.4	34.3	89	70-134	
Ethylbenzene	ug/m3	46.2	50.0	108	70-133	
Hexachloro-1,3-butadiene	ug/m3	130	149	115	70-141	
m&p-Xylene	ug/m3	92.4	97.9	106	70-130	
Methyl-tert-butyl ether	ug/m3	38.3	33.4	87	70-132	
Methylene Chloride	ug/m3	36.8	31.9	87	70-134	
n-Heptane	ug/m3	43.5	36.8	85	69-140	
n-Hexane	ug/m3	37.7	31.3	83	70-137	
Naphthalene	ug/m3	63.9	71.1	111	70-130	
o-Xylene	ug/m3	46	50.0	109	70-132	
Propylene	ug/m3	18.6	14.0	75	69-130	
Styrene	ug/m3	45.3	52.2	115	70-136	
Tetrachloroethene	ug/m3	72	66.7	93	70-139	
Tetrahydrofuran	ug/m3	31.3	25.3	81	70-139	
Toluene	ug/m3	40.2	36.6	91	70-132	
trans-1,2-Dichloroethene	ug/m3	42.3	44.8	106	70-132	
trans-1,3-Dichloropropene	ug/m3	48.4	48.5	100	70-130	
Trichloroethene	ug/m3	57.2	54.9	96	70-132	
Trichlorofluoromethane	ug/m3	60.3	51.6	86	65-139	
Vinyl acetate	ug/m3	38.7	35.5	92	70-131	
Vinyl chloride	ug/m3	27.2	22.3	82	64-136	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

SAMPLE DUPLICATE: 4550656

Parameter	Units	10638034005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	2.3	2.1J		25	
1,1,2,2-Tetrachloroethane	ug/m3	<2.8	<0.58		25	
1,1,2-Trichloroethane	ug/m3	<1.1	<0.52		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<3.2	<0.46		25	
1,1-Dichloroethane	ug/m3	<1.7	<0.22		25	
1,1-Dichloroethene	ug/m3	<1.6	<0.33		25	
1,2,4-Trichlorobenzene	ug/m3	<15.2	<11.6		25	
1,2,4-Trimethylbenzene	ug/m3	6.6	6.4	3	25	
1,2-Dibromoethane (EDB)	ug/m3	<1.6	<0.62		25	
1,2-Dichlorobenzene	ug/m3	<6.2	<1.7		25	
1,2-Dichloroethane	ug/m3	<1.7	<0.26		25	
1,2-Dichloropropane	ug/m3	<1.9	<0.41		25	
1,3,5-Trimethylbenzene	ug/m3	<2.0	1.8J		25	
1,3-Butadiene	ug/m3	<0.91	<0.22		25	
1,3-Dichlorobenzene	ug/m3	<6.2	<1.7		25	
1,4-Dichlorobenzene	ug/m3	<6.2	<1.6		25	
2-Butanone (MEK)	ug/m3	21.0	19.5	8	25	
2-Hexanone	ug/m3	<8.4	2.3J		25	
2-Propanol	ug/m3	332	310	7	25	E
4-Ethyltoluene	ug/m3	<5.0	1.8J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<8.4	1.7J		25	
Acetone	ug/m3	221	204	8	25	
Benzene	ug/m3	2.6	2.5	4	25	
Benzyl chloride	ug/m3	<5.3	<1.6		25	
Bromodichloromethane	ug/m3	<2.7	<0.65		25	
Bromoform	ug/m3	<10.6	<1.6		25	
Bromomethane	ug/m3	<1.6	<0.60		25	
Carbon disulfide	ug/m3	<1.3	0.80J		25	
Carbon tetrachloride	ug/m3	<6.5	2.3J		25	
Chlorobenzene	ug/m3	<1.9	<0.28		25	
Chloroethane	ug/m3	<1.1	<0.41		25	
Chloroform	ug/m3	1.4	1.3	7	25	
Chloromethane	ug/m3	<0.85	<0.18		25	
cis-1,2-Dichloroethene	ug/m3	<1.6	<0.43		25	
cis-1,3-Dichloropropene	ug/m3	<4.7	<1.3		25	
Cyclohexane	ug/m3	3.6	2.2J		25	
Dibromochloromethane	ug/m3	<3.5	<0.73		25	
Dichlorodifluoromethane	ug/m3	2.9	2.3	21	25	
Dichlorotetrafluoroethane	ug/m3	<2.9	<0.49		25	
Ethanol	ug/m3	194	182	6	25	
Ethyl acetate	ug/m3	<1.5	<0.32		25	
Ethylbenzene	ug/m3	4.6	4.6	0	25	
Hexachloro-1,3-butadiene	ug/m3	<10.9	<3.6		25	
m&p-Xylene	ug/m3	11.4	11.5	1	25	
Methyl-tert-butyl ether	ug/m3	<7.4	<0.50		25	
Methylene Chloride	ug/m3	<7.1	<0.25		25	
n-Heptane	ug/m3	4.7	4.4	7	25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

SAMPLE DUPLICATE: 4550656

Parameter	Units	10638034005 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	4.2	3.6	16	25	
Naphthalene	ug/m3	<5.4	4.8J		25	
o-Xylene	ug/m3	5.0	4.5	11	25	
Propylene	ug/m3	<1.8	<0.72		25	
Styrene	ug/m3	<1.7	1.8		25	
Tetrachloroethene	ug/m3	8.7	8.9	3	25	
Tetrahydrofuran	ug/m3	1.5	1.7	13	25	
Toluene	ug/m3	10.3	9.6	7	25	
trans-1,2-Dichloroethene	ug/m3	<1.6	<0.84		25	
trans-1,3-Dichloropropene	ug/m3	<4.7	<1.6		25	
Trichloroethene	ug/m3	<1.1	<0.48		25	
Trichlorofluoromethane	ug/m3	3.9	3.7	5	25	
Vinyl acetate	ug/m3	<1.4	<0.36		25	
Vinyl chloride	ug/m3	<0.53	<0.19		25	

SAMPLE DUPLICATE: 4550657

Parameter	Units	10638034007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<2.2	1.5J		25	
1,1,2,2-Tetrachloroethane	ug/m3	<2.7	<0.56		25	
1,1,2-Trichloroethane	ug/m3	<1.1	<0.50		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<3.0	<0.44		25	
1,1-Dichloroethane	ug/m3	<1.6	<0.21		25	
1,1-Dichloroethene	ug/m3	<1.6	<0.32		25	
1,2,4-Trichlorobenzene	ug/m3	<14.6	<11.1		25	
1,2,4-Trimethylbenzene	ug/m3	5.4	5.6	3	25	
1,2-Dibromoethane (EDB)	ug/m3	<1.5	<0.60		25	
1,2-Dichlorobenzene	ug/m3	<5.9	<1.7		25	
1,2-Dichloroethane	ug/m3	<1.6	<0.25		25	
1,2-Dichloropropane	ug/m3	<1.8	<0.39		25	
1,3,5-Trimethylbenzene	ug/m3	2.3	2.2	6	25	
1,3-Butadiene	ug/m3	<0.87	<0.22		25	
1,3-Dichlorobenzene	ug/m3	<5.9	<1.6		25	
1,4-Dichlorobenzene	ug/m3	<5.9	<1.6		25	
2-Butanone (MEK)	ug/m3	19.7	20.7	5	25	
2-Hexanone	ug/m3	<8.1	1.8J		25	
2-Propanol	ug/m3	937	965	3	25	E
4-Ethyltoluene	ug/m3	<4.8	2.0J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<8.1	1.6J		25	
Acetone	ug/m3	193	222	14	25	
Benzene	ug/m3	2.3	2.4	5	25	
Benzyl chloride	ug/m3	<5.1	<1.5		25	
Bromodichloromethane	ug/m3	<2.6	<0.62		25	
Bromoform	ug/m3	<10.2	<1.5		25	
Bromomethane	ug/m3	<1.5	<0.57		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

SAMPLE DUPLICATE: 4550657

Parameter	Units	10638034007 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	8.1	8.7	6	25	
Carbon tetrachloride	ug/m3	<6.2	2.5J		25	
Chlorobenzene	ug/m3	<1.8	<0.27		25	
Chloroethane	ug/m3	<1.0	<0.40		25	
Chloroform	ug/m3	<0.96	<0.26		25	
Chloromethane	ug/m3	<0.81	<0.17		25	
cis-1,2-Dichloroethene	ug/m3	<1.6	<0.42		25	
cis-1,3-Dichloropropene	ug/m3	<4.5	<1.3		25	
Cyclohexane	ug/m3	<3.4	3.1J		25	
Dibromochloromethane	ug/m3	<3.4	<0.70		25	
Dichlorodifluoromethane	ug/m3	2.8	3.1	11	25	
Dichlorotetrafluoroethane	ug/m3	<2.8	<0.47		25	
Ethanol	ug/m3	92.2	92.3	0	25	
Ethyl acetate	ug/m3	<1.4	<0.31		25	
Ethylbenzene	ug/m3	5.6	5.8	4	25	
Hexachloro-1,3-butadiene	ug/m3	<10.5	<3.4		25	
m&p-Xylene	ug/m3	15.0	15.7	4	25	
Methyl-tert-butyl ether	ug/m3	<7.1	<0.48		25	
Methylene Chloride	ug/m3	<6.8	<0.24		25	
n-Heptane	ug/m3	2.5	2.5	0	25	
n-Hexane	ug/m3	2.6	3.2	20	25	
Naphthalene	ug/m3	<5.2	4.4J		25	
o-Xylene	ug/m3	5.7	6.0	5	25	
Propylene	ug/m3	<1.7	<0.69		25	
Styrene	ug/m3	<1.7	1.3J		25	
Tetrachloroethene	ug/m3	12.6	12.8	2	25	
Tetrahydrofuran	ug/m3	<1.2	<0.36		25	
Toluene	ug/m3	10.6	10.8	2	25	
trans-1,2-Dichloroethene	ug/m3	<1.6	<0.81		25	
trans-1,3-Dichloropropene	ug/m3	<4.5	<1.5		25	
Trichloroethene	ug/m3	<1.1	0.72J		25	
Trichlorofluoromethane	ug/m3	<2.2	1.8J		25	
Vinyl acetate	ug/m3	<1.4	<0.34		25	
Vinyl chloride	ug/m3	<0.50	<0.19		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

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

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25211372.21 Pilgrim Cleaners
Pace Project No.: 10637681

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10637681001	**Pilgrim Cleaners-7**	TO-15	861388		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

57969

Page: 1 of 1

Section A
Required Client Information:

Company: SCS Engineers
Address: 2830 Dairy Dr
Madison, WI 53718
Email To: Robert Langdon
Phone: 608 212 3995 Fax: —
Requested Due Date/TAT: Standard

Section B
Required Project Information:

Report To: Robert Langdon
Copy To:
Purchase Order No.:
Project Name: Pilgrim Cleaners
Project Number: 25211372.21

Section C
Invoice Information:

Attention: Same
Company Name: SCS
Address: Same
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 32630

Program
☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act
☐ Voluntary Clean Up ☒ Dry Clean ☐ RCRA ☐ Other___

Location of Sampling by State: WI

Reporting Units: ug/m³___ mg/m³___ PPBV___ PPMV___ Other___

Report Level II.___ III.___ IV.___ Other___

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

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)

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED Composite Start DATE	Composite Start TIME	Composite - End/Grab DATE	Composite - End/Grab TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method	Pace Lab ID
1	Pilgrim Cleaners - ~~X~~ 7 (RDL)	ILL		12/9/22	14:54	12/9/22	14:57	-26	-6	2964	2767	X (TO-15 Full List VOCs)	001
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Comments :

MJ 12-19-22

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Robert Langdon/SCS	12/14/22	1700	Matt [signature] / Pace	~~12-9-22~~ 12-19-22	11:46

SAMPLE CONDITIONS			
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
—	Y/N (N circled)	Y/N (N circled)	Y/N (Y circled)
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ethan Schaefer
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM / DD / YY): 12/09/22

WO#: 10637681
10637681

:hnical Phone: 612.607.6386

FC046Rev.01, 03Feb2010

DC#_Title: ENV-FRM-MIN4-0113 v01_Sample Condition Upon Receipt (SCUR) - Air

Effective Date: 02/25/2022

WO#: 10637681

PM: KNH **Due Date: 12/27/22**

CLIENT: SCS Engineer

Air Sample Condition Upon Receipt

Client Name: SCS

Project #:

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 610187402381 ☐ See Exception

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No

Seals Intact? ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other:

Date & Initials of Person Examining Contents: 12-20-22 MI

				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-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				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 1946III)**	☒ Yes	☐ No		13.

Gauge #: ☐ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 10AIR17 ☐ 10AIR47 ☒ 10AIR48

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
7	2964	2767	-7	+10					

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: Date/Time:

Comments/Resolution:

Field Data Required? ☐ Yes ☐ No

Project Manager Review: Kirsten Hogberg **Date:** 12/20/2022

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

Qualtrax ID: 52723