INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
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(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov
Eric J. Holcomb, *Governor*
Brian C. Rockensuess, *Commissioner*

June 28, 2024

Via Electronic Mail
Ms. Rachel Walker
Mundell and Associates, Inc.
110 South Downey Street
Indianapolis, Indiana 46219-6406
RWalker@mundellassociates.com

Re: Indiana Veneers Corporation
"Contained-in" Determination for
Cleanup Water
State Cleanup Site No.: 2013-40-932
EPA ID No.: INR000124669
Indianapolis, Marion County

Dear Ms. Walker:

This letter is in response to your June 18, 2024, request for a one-time approval to dispose of three (3) 275-gallon containers of contaminated water (825 gallons) as nonhazardous waste under the IDEM "Contained-in" Determination Policy.

The waste was generated at the Indiana Veneers Corporation site, located at 1124 East 24th Street, Indianapolis, Marion County, Indiana.

The waste in question is decontamination water generated while cleaning listed hazardous waste from six (6) rolloff containers. The listed hazardous waste contained in the rolloff containers had been addressed in a prior "contained-in" determination and was approved for disposal in a permitted municipal solid waste landfill. As the residual waste in the six (6) containers were not managed (discarded) under the "contained-in" determination approval, it retained the listed hazardous waste designation as previously determined by the generator. Upon mixing with listed hazardous waste, the entire volume of contaminated water became listed hazardous waste.

While the previous "contained-in" determination was able to address the soil cuttings with drilling muds under the "contained-in" determination policy, the policy does not extend to decontamination water now contaminated with listed hazardous waste. The reasons that the decontamination water cannot be addressed under the "Contained-in" Determination Policy were previously explained and reiterated in your request. Decontamination water does not meet the definition of an "environmental media" as defined in the "Contained-in" Determination Policy. In the policy, environmental media is limited to soil and groundwater.

IDEM cannot approve the U210/U228 listed hazardous waste for disposal as a non-hazardous waste under the IDEM "Contained-in" Determination Policy as requested.

The three (3) 275-gallon containers of decontamination water remain U210/U228 hazardous waste, generated on April 22, 2024, and are subject to regulation as a hazardous waste under 329 IAC 3.1, as applicable.

If you have any questions, please contact John Naddy at 317-233-0404 or jnaddy@idem.in.gov.

Sincerely,

Lori Freeman

Lori Freeman, Chief
Compliance Branch
Office of Land Quality

cc: Mr. John Naddy, IDEM, OLQ, Compliance Branch

110 South Downey Avenue, Indianapolis, Indiana 46219-6406
Telephone 317-630-9060, Facsimile 317-630-9065
www.MundellAssociates.com

June 18, 2024

Lori Freeman
Chief
Compliance Branch
Office of Land Quality
Indiana Department of Environmental Management

and

John Naddy
Technical Environmental Specialist
Compliance Branch
Office of Land Quality
Indiana Department of Environmental Management

RE: Contained-In Media Request Response Letter
Indiana Veneers Corporation
1124 E 24th Street
Indianapolis, IN

Dear Ms. Freeman and Mr. Naddy,

On behalf of Indiana Veneers Corporation at 1124 E 24th Street, Marion County, Indianapolis, Indiana ("The Site"), MUNDELL & Associates, Inc. (MUNDELL), is providing this response to a recently received Contained-In denial letter for the Site that is currently operated as Indiana Veneers Corporation and managed under the State Cleanup Program (SCP No. # 201340932).

MUNDELL conducted installation of horizontal wells underneath the Site facility to allow treatment of the associated groundwater plume. This process generated drilling mud waste that was stored in six (6) sludge boxes. The liquid element present in the boxes was solidified using the ZapZorb absorbent product to allow for transportation of the boxes. MUNDELL provided this information, along with analytical results of samples from the sludge boxes wishes as part of a Contained-In application on February 29, 2024. IDEM approved a Contained-In for this material on March 5, 2024 (see **Appendix A**).

Due to slow processing at the destination landfill, the boxes were transported and emptied on April 10 through 12, 2024. Sludge boxes were staged at the site pending E-Tank collection. E-Tank inspected the boxes the week of April 15th and determined that the remnant drilling mud that remained on the sidewalls and bottom of the boxes after emptying had to be removed prior to their return. MUNDELL contracted with Hepaco to clean the boxes and contain that remnant

drilling mud material in drums (for solids that could be shoveled out) and totes. Clean city sourced water was used to facilitate removal of the remnants that could not be shoveled out. Three totes of this material, containing remnant drilling mud, were generated. MUNDELL collected samples from the totes and drums and once the analytical results were received, MUNDELL applied for a Contained-In to manage these three totes on May 8, 2024.

The EPA contained-in policy approach is meant to be a more flexible version of the mixture and derived-from rules that applies to contaminated environmental media. EPA's contained-in policy states that environmental media contaminated with a hazardous waste must be managed as if they were hazardous wastes until they no longer contain the listed waste, no longer exhibit a characteristic, or are delisted. For environmental media contaminated with a listed waste to no longer be considered hazardous, the handler of those media must demonstrate to the authorized State's satisfaction that the media no longer poses a sufficient health threat to merit RCRA regulation. The samples collected from the three totes in question were **non-detect for cVOCs**, as noted in the May 8, 2024 application for the Contained-In (see **Appendix B**) and presented in Table 1, attached separately. MUNDELL believes that these analytical results demonstrate that the media no longer poses a 'sufficient health threat'.

IDEM responded on May 21, 2024, with a denial of the requested Contained-In, on the basis that the tote media was not addressable under the Contained-In policy. MUNDELL requested clarification of this statement in an email dated May 30, 2024. IDEM responded on June 3, 2024, and reiterated that the tote contents were not an environmental media that can be addressed under the Contained-In policy. MUNDELL requested a phone conversation with Mr. John Naddy of IDEM to further clarify this statement, as it was still not clear to MUNDELL as to why the totes containing remnants of the drilling mud did not qualify as environmental media under the Contained-In policy.

A phone conversation was held on June 14, 2024, wherein Mr. Naddy stated that the presence of clean city water in the contents of the totes was the reason why it did not qualify as 'environmental media' under the Contained-In policy.

The definition of 'environmental media' in the Contained-In policy (WASTE-0061-NPD-R1) is as follows: *"Naturally occurring soil and groundwater"*. There is no mention of whether this only applies to 'pure' soil or groundwater or whether a mixture would disqualify the media from Contained-In consideration.

For the March 5, 2024 Contained-In regarding the solidified drilling mud, IDEM did not raise any concerns with the addition of the solidification material (ZapZorb), nor with the fact that the material was drilling mud, which, once returned from the borehole, is itself is a mix of the original clean drilling water, thickening agent to produce the 'mud', returned natural soils swept out of the borehole by the drilling mud and entrained natural groundwater, as the horizontal well in question was installed under the water table.

Additionally, according to the Federal Register, Vol. 61, No. 83, page 18792, the definition of 'Media' is as follows:

Media means materials found in the natural environment such as soil, ground water, surface water, and sediments; or a mixture of such materials with liquids, sludges, or solids which is inseparable by simple mechanical removal processes and is made up primarily of media. This definition does not include debris (as defined in § 268.2).

The tote contents include remnant solids from the drilling mud, which was considered by IDEM to meet the media definition per the Contained-In policy, and the mix of these drilling mud solids with the city water (liquids) used to remove them resulted in a mix that is inseparable by 'simple mechanical removal processes'. While it is difficult to assess the precise 'mix' of the two, less than 0.5 gallon of clean water per square foot of sludge box interior was used to facilitate removal of the drilling mud and the resulting totes contain considerable amounts of this primary media.

The IDEM approval of the March 5, 2024 Contained-In for the solidified drilling mud indicates that IDEM considered the solidified drilling mud material (which was not 100% naturally occurring soil/groundwater) to meet the Contained-In policy environmental media definition. Similarly, MUNDELL believes that the media in the totes that resulted from removing the remnants of that solidified drilling mud from the emptied sludge boxes also meets the definition of environmental media according to both the EPA and IDEM Contained-In policy.

As such, MUNDELL respectfully requests a reconsideration of application for the tote contents to be managed under the Contained-In policy as a **one-time disposal event**.

Please call either of the undersigned at (317) 630-9060 or via e-mail at rwalker@mundellassociates.com or jmundell@mundellassociates.com if you have any questions or require additional information.

Sincerely,
MUNDELL & ASSOCIATES, INC.

Rachel Walker, PhD, L.P.G
Principal Geologist

John A. Mundell, P.E., L.P.G., P.G.
President/Senior Environmental Consultant

/rw

Attachments:

Table 1 - Tote Analytical Results Table
Attachment A
Attachment B

Table 1

Water cVOC Analytical Results

1121 E. 24th Street Indianapolis, Marion County

Indiana Veneers Corporation

MUNDELL Project No. M13071

Sample Name	Date Sampled	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WT-1	04/30/2024	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0
WT-2	04/30/2024	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0
WT-3	04/30/2024	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0
2024 Residential Tap Water (µg/L)		**5.0**	**5.0**	**70**	**100**	**2.0**	**20**	**30**	**7.0**	**8,000**
10x 2024 Residential Tap Water (µg/L)		**50**	**50**	**700**	**1,000**	**20**	**200**	**300**	**70**	**80,000**
TCLP Maximum Concentration (ppb)		**700**	**500**	**-**	**-**	**200**	**-**	**-**	**700**	**-**

Notes:

1) N/A = not analyzed

2) - for screening level means no level set

Attachment A

Contained-In for Solids (2-29-2024)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

March 5, 2024

Via Electronic Mail
Ms. Rachel Walker
Mundell and Associates, Inc.
110 South Downey Street
Indianapolis, Indiana 46219-6406
rwalker@mundellassociates.com

Re: Indiana Veneers Corporation
"Contained-in" Determination for
Contaminated Soil
State Cleanup Site No.: 2013-40-932
EPA ID No.: INR000124669
Indianapolis, Marion County

Dear Ms. Walker:

This letter is in response to your February 29, 2024, letter requesting a "contained-in" determination for 6 25-cubic yard boxes of investigation derived waste (IDW) drilling mud/contaminated soil generated at the Indiana Veneers Corporation site.

The site is located at 1124 East 24th Street, Indianapolis, Marion County, Indiana.

Your request is for management options available based on contaminant concentrations in the IDW contaminated soil meeting applicable industrial exit levels.

We understand that you are also asking for options for IDW contaminated soil generated in the future. IDEM specifies the applicable exit levels in the "contained-in" policy.

For purposes of this determination, the RCRA "Contained-in" Policy is applicable only to IDW contaminated soil generated at the Indiana Veneers Corporation site.

For efficiency reasons, it is IDEM policy that due to the relatively low volumes of IDW contaminated soil usually generated, on-going site-specific approvals for IDW contaminated media may be granted. This is done only after an evaluation and approval of the first request for the contaminated media. These pre-approvals are conditioned upon the IDW contaminated media to be generated in the future meeting applicable exit criteria levels. Representative sampling documentation must be available to show that applicable values are met.

In the "contained-in" request, it has been described that the basis for managing the IDW contaminated soil as listed hazardous waste would be historic releases of U210 and U228 solvents.

The constituents of concern for the U-listed hazardous waste codes specified above as described in 40 CFR 261.33 and/or 40 CFR 261 Appendix VIII are as follows:

U210: Tetrachloroethylene (PCE)
U228: Trichloroethylene (TCE)

Additionally, the following are breakdown products of the U210 and/or U228 constituents and/or additional contaminants that were detected in the soil and/or groundwater samples: bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride (VC).

Based on the information provided by the requestor, compared with the established policy criteria, the following determination applies:

Current IDW Soil

There are currently 6 25-cubic yard containers of U210/U228 contaminated soil. The containers of IDW contaminated soil were generated by installing monitoring wells and borings at the site and are located on-site pending disposal.

The soil was characterized using analytical information from samples collected from the individual boring locations when generating the soil borings/cuttings and drilling mud wastes.

A review of the soil sample analytical results indicated that the contaminant concentrations in soil samples did not contain concentrations of contaminants that would have exceeded 20 times the maximum toxicity characteristic leaching procedure (TCLP) concentrations and indicated that the soil represented by that sample would not have exhibited a hazardous waste toxicity characteristic.

Additionally, soil sample analytical results indicated that the contaminant concentrations in the soil samples did not exceed the 2022 Industrial/Commercial Soil Direct Contact Exposure Screening Levels used as exit criteria in the "contained-in" policy.

Constituent	2022 Federal Industrial/Commercial Soil Direct Contact Soil Exposure Screening Levels (mg/kg)	TCLP Maximum Concentration of Contaminants for the Toxicity Characteristic
cis-1,2-DCE	2300	N/A
trans-1,2-DCE	300	N/A
PCE	170	0.7 ppm
TCE	19	0.5 ppm
Vinyl Chloride	17	0.2 ppm

The IDW contaminated soils appeared to meet (not exceed) 2022 Federal Industrial/Commercial Soil Direct Contact Soil Exposure Screening Levels (see partial list above), and not exhibit a hazardous waste characteristic. IDW contaminated soil **may** be disposed in a permitted municipal solid waste landfill.

Future IDW Soil

If future IDW contaminated soil is generated at this site, meets the 2022 Federal Industrial/Commercial Soil Direct Contact Soil Exposure Screening Levels (see partial list above), and is not characteristic hazardous waste, it may be disposed in a permitted municipal solid waste landfill.

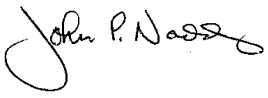
Representative sampling and analysis must be conducted on all future IDW contaminated soil generated at this site to confirm applicable default levels are met.

Media which does not meet applicable default levels or exhibits any characteristic of a hazardous waste must be managed as a hazardous waste under 329 IAC 3.1, as applicable.

This on-going site-specific approval is for IDW contaminated soil only and expires two (2) years from the date of this letter. Failure to follow the conditions specified in this letter may result in the approval being revoked.

If you have any questions, please contact me at 317-233-0404 or jnaddy@idem.in.gov.

Sincerely,



John P. Naddy
Compliance and Response Branch
Office of Land Quality

Enclosures
cc: Mr. Josh Keller, IDEM, OLQ, State Cleanup Section

110 South Downey Avenue, Indianapolis, Indiana 46219-6406
Telephone 317-630-9060, Facsimile 317-630-9065
www.MundellAssociates.com

February 29, 2024

Mr. John Naddy
Technical Environmental Specialist
Compliance and Response Branch
Office of Land Quality
Indiana Department of Environmental Management

RE: Contained-In Request for Environmental Investigation
Indiana Veneers Corporation
1124 E 24th Street
Indianapolis, IN

Dear Mr. Naddy,

On behalf of Indiana Veneers Corporation at 1124 E 24th Street, Marion County, Indianapolis, Indiana ("The Site"), MUNDELL & Associates, Inc. (MUNDELL), is pleased to present you with the attached materials comprising a contained-in determination request for environmental investigation derived waste at the Site. The Site is currently operated as Indiana Veneers Corporation and managed under the State Cleanup Program (SCP No. # 201340932).

MUNDELL conducted installation of horizontal wells underneath the Site facility to allow treatment of the 'head' of the groundwater plume. This process occurred between February 13th and Feb 23rd, 2024 and generated drilling mud waste that is being held in six (6) liquid-tight, tarp top 25-yard sludge boxes. The liquids present in the boxes have been solidified using ZapZorb absorbent to allow for transport of the boxes. MUNDELL wishes to obtain a Contained-In in order to dispose of this drilling generated material.

Please find the attached appendices: **Appendix A**) Information Checklist for Contained-In request; **Appendix B**) site figure and tabulated solids and liquids analytical results; and **Appendix C**) laboratory certificates-of-analysis. Please call either of the undersigned at (317) 630-9060 or via e-mail at rwalker@mundellassociates.com or jmundell@mundellassociates.com if you have any questions or require additional information.

Sincerely,
MUNDELL & ASSOCIATES, INC.

Rachel Walker, PhD, L.P.G
Principal Geologist

John A. Mundell, P.E., L.P.G., P.G.
President/Senior Environmental Consultant

Appendix A

Contained-In Checklist

Information Checklist for Contained-In Request

1. **Name of responsible party (property owner/operator)**

   Indiana Veneers Corporation/Ewing Light Metals, Inc.

2. **Site description (Name, Address, Size of Site, Number of Areas Involved). Please provide any site ID# such as EPA ID#, VRP number, etc.**

   1124 East 24th Street, Indianapolis, IN 46205 (≈ 8.5 acres), on the northwest corner of the intersection of East 24th Street and Yandes Street, on the northeast side of downtown Indianapolis, in Marion County, Indiana. The Site is located in an area with mixed commercial/residential use. The facility has been admitted into the State Cleanup program and assigned SCP #2013-40932. No unsaturated soil source area has been identified to date.

3. **Is the site subject to RCRA corrective action, enforcement orders?**

   No

4. **Is the site being remediated under state or federal oversight? Identify Agency and Agency contacts.**

   Installation of a remedial injection well horizontally underneath the Indiana Veneers building occurred between February 13 and 23, 2024. The location of the horizontal well bore is indicated on **Figure 11** in **Appendix B** as 'Treatment Line 1'. Injection of remedial products is anticipated to begin March 11, 2024. The Site is currently managed by Mr. Josh Keller under the Indiana State Cleanup Program (SCP No. #2013-40932).

5. **How was the site contaminated? (Spill of hazardous waste, product release, process waste release, other? When was the Site contaminated?**

   The northwest portion of the facility operated as Ewing Light Metals Foundry until approximately 2010 when it was purchased by Indiana Veneers Corporation. Indiana Veneers never operated the facility as a foundry and instead, added the property to their existing facility which produces wood veneers. In addition, no chlorinated solvents have ever been used in any of Indiana Veneers' processes or maintenance activities.

   A Phase I Environmental Site Assessment (Phase I ESA) conducted for the former Ewing Light Metals in 2005, indicated that the property operated as Light Metals, Inc. from 1941 through 1986. In 1986 property ownership was transferred to Ewing Light Metals, Inc. Site owners indicated that the Site had been utilized as a foundry since the early 1940s. The foundry on the Site originally produced aircraft parts made from magnesium (or magnesium alloys). The processes on the Site had reportedly not changed greatly since the start of the foundry operations at the Site. Site owners also indicated that Ewing Light Metals, Inc. manufactured special metal parts per customer orders. They utilized several processes to manufacture casts made of sand. Metal ingots of brass, aluminum, copper and/or iron were melted in furnaces and the molten metal was poured into the sand casts. Once the metal cooled, the sand casts were broken into pieces and removed from the metal part. It is not clear when the release occurred but it is believed that it may be related to historical foundry operations.

6. **When was the site contaminated?**

   See answer to Question 5.

7. **What EPA waste codes apply and why? Indicate all listed and characteristics codes applicable to the material which contaminated the site.**

   U210 - Tetrachloroethylene is a U-listed material.

   U228 – Trichloroethylene is a U-listed material.

8. **Does the media exhibit any characteristics of hazardous waste, in addition to being contaminated with a listed waste? If it does, the media would be subject to hazardous waste rules regardless of listed waste concentration. Media cannot exit hazardous waste system unless treated to remove the characteristics.**

   The drilling mud waste does not exhibit hazardous characteristics. Based on analytical results, the samples from sludge boxes are non-hazardous. Please see the appended tables and lab reports in **Appendix B**.

9. **Which specific hazardous substances/constituents are present based on analytical results? Be sure to include breakdown products of the listed waste.**

   The following chlorinated chemicals have been detected at the Site: tetrachloroethylene (PCE), trichloroethylene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE).

10. **What is the volume/quantity of media involved? An estimate of the volume/quantity will provide some idea of what size project we are dealing with.**

    The horizontal well installation process produced drilling mud waste that is containerized in six (6) 25-yard liquid tight tarp top sludge boxes.

11. **Will the media in question be generated one time only, as a batch or in a continuous manner?**

    The drilling mud waste is a one-time generation event for the installation of the horizontal injection wells underneath the Site facility.

12. **Is treatment of the media involved or necessary?**

    Treatment of the media is not necessary. The liquid elements within the boxes were solidified using ZapZorb absorbent to allow for transport of the boxes. The ZapZorb SDS is attached to the bottom of this checklist.

13. **Analytical results and test methods. Results must be based upon representative sampling.**

    Laboratory analytical results for solids that were retrieved from sludge boxes SB-1 and SB-3 are provided in **Table 1**, and liquid samples from all six sludge boxes are provided in **Table 2** in **Appendix B**. A site plan is provided in **Figure 11**, also in **Appendix B.** Laboratory analytical reports are provided in **Appendix C**.

14. **A description of the sampling plan and methods used to assure representative sampling.**

    Liquids samples were collected from each sludge box and placed into 40ml VOAs for analysis for cVOCs via U.S. EPA SW-846 Test Method 8260. Solids were present only in sludge boxes SB-1 and SB-3, so a sample of those solids were also collected and analyzed for cVOCs using U.S. EPA SW-846 Method 8260 (5035).

15. **QA/QC documentation should be provided. For most industrial default level determinations, we only need a statement that QA/QC procedures were followed and are available if requested. For residential default determinations complete QA/QC documentation must be provided with the request.**

    Level II QA/QC procedures are followed, and results are provided in the attached laboratory certificates-of-analysis (**Appendix C**).

16. **How will the material be managed at the generation site, intermediate sites, and final destination? What time periods are involved?**

    Drilling mud waste is stored in 25-yard liquid tight sludge boxes with tarp tops to prevent infiltration of rainwater. The liquids in the boxes were solidified using ZapZorb. Once approved for disposal, they will be transported to the appropriate landfill by a waste handler. MUNDELL intends to have disposal conducted as soon as the Contained In is received.

17. **What is the final destination of the contaminated media and how is it to be managed at the final destination site?**

    Non-hazardous solidified waste will likely be disposed of at the Waste Management landfill in Danville, IN.

18. **How will the company assure contained-in threshold levels are attained for media that will be generated on an ongoing basis?**

    This drilling mud waste was a one-time waste generation due to the installation of the horizontal well. While quarterly monitoring well sampling is anticipated to resume in quarter three of 2024, MUNDELL will request a new Contained In determination for the monitoring well waste water.

Material Safety Data Sheet

ZapZorb **MSDS ID: ZT/ZZ**

* * * Section 1 – Chemical Product and Company Identification * * *

Chemical Name: Sodium Polyacrylate, Crosslinked

Zappa Tec, LLC
828 Knox Road
McLeansville, NC 27301

Phone: (888) 369-8704

Emergency #: (800) 424-9300 CHEMTREC

* * * Section 2 – Composition / Information on Ingredients * * *

CAS #	Component	Percent
9003-04-7	Sodium polyacrylate	>99
Not Available	Post Treated – Trade Secret	0

Component Information/Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. However, the manufacturer recognizes the potential for respiratory tract irritation as a result of inhalation of this material as a respirable dust. See Sections 8, 11, 14, and 15 for further regulatory information.

* * * Section 3 – Hazard Identification * * *

Emergency Overview

Sodium polyacrylate is a white, granular, odorless polymer that yields a gel-like material with the addition of water. It is insoluble in water and causes extremely slippery conditions when wet. Although not regulated as a hazardous material, the respirable dust is a potential respiratory tract irritant. The manufacturer recommends an eight-hour exposure limit of 0.05 mg/m^3.

Potential Health Effects: Eyes

Dust may cause burning, drying, itching and other discomfort, resulting in reddening of the eyes.

Potential Health Effects: Skin

Exposure to the dust, such as in manufacturing, may aggravate existing skin conditions due to drying effect.

Potential Health Effects: Ingestion

Although not a likely route of entry, tests have shown that polyacrylate absorbents are non-toxic if ingested. However, as in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

Potential Health Effects: Inhalation

Exposure to respirable dust may cause respiratory tract and lung irritation and may aggravate existing respiratory conditions.

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe *=Chronic hazard

* * * Section 4 – First Aid Measures * * *

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes.

First Aid: Skin

Remove polyacrylate absorbent dust from skin using soap and water.

First Aid: Ingestion

Non-toxic by ingestion. However, if adverse symptoms appear, seek medical attention.

First Aid: Inhalation

If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

* * * Section 5 – Fire Fighting Measures * * *

General Fire Hazards

No recognized fire hazards associated with the finished product.

Upper Flammable Limit (UFL): NE
Lower Flammable Limit (LFL): NE
Method Used: None
Flash Point: None
Flammability Classification: None

Hazardous Combustion Products

None known.

Extinguishing Media

Dry Chemical, foam, carbon dioxide, water fog. Extremely slippery conditions are created if spilled product comes in contact with water.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

* * * Section 6 – Accidental Release Measures * * *

Containment Procedures

Sweep or vacuum material when possible and shovel into a waste container.

Clean-Up Procedures

Use caution after contact of product with water as extremely slippery conditions will result. Residuals may be flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

Evacuation Procedures

None Required.

Special Procedures

Avoid respirable dust inhalation during clean-up. Wear appropriate respirator.

* * * Section 7 – Handling and Storage * * *

Handling Procedures

Handle as an eye and respiratory tract irritant.

Storage Procedures

Store in a dry, closed container.

* * * Section 8 – Exposure Controls / Personal Protection * * *

Exposure Guidelines

A: General Product Information

This product is not regulated as a hazardous material. However, the manufacturer recognizes the potential for respiratory tract irritation and recommends an eight hour exposure limit of 0.05 mg/m^3.

B: Component Exposure Limits
No information is available.

Engineering Controls
Provide local exhaust ventilation to maintain worker exposure to less than 0.5 mg/m^3 over an eight-hour period.

PERSONAL PROTECTIVE EQUIPMENT
Personal Protective Equipment: Eyes/Face
Wear safety glasses with side shields or goggles.
Personal Protective Equipment: Skin
Use impervious gloves when handling the product in the manufacturing environment.
Personal Protective Equipment: Respiratory
Wear respirator with a high efficiency filter if particulate concentrations in the work area exceed 0.05 mg/m^3 over an eight-hour period.
Personal Protective Equipment: General
Obey reasonable safety precautions and practice good housekeeping. Wash thoroughly after handling.

* * * Section 9 – Physical & Chemical Properties * * *

Appearance:	White granular Powder	**Odor**:	None
Physical State:	Solid	**PH**:	5.5-6.5 (1% in water)
Vapor Pressure:	<10 mm Hg	**Vapor Density**:	NE
Boiling Point:	NE	**Melting Point**:	>390 F
Solubility (H20):	Not soluble.	**Specific Gravity**:	0.4-0.7 g/ml
Evaporation Rate:	<1.0		

* * * Section 10 – Chemical Stability & Reactivity Information * * *

Chemical Stability
The product is stable.
Chemical Stability: Conditions to Avoid
None
Incompatibility
None
Hazardous Decomposition
None known.
Hazardous Polymerization
Will not occur.

* * * Section 11 – Toxicological Information * * *

Acute and Chronic Toxicity
A: General Product Information
Acute inhalation of respirable dust may cause irritation of the upper respiratory tract and lungs.
B: Acute Toxicity-LD50/LC50
Sodium polyacrylate (9003-04-7)
LD50: Oral LD50 Rat: 40gm/kg

Carcinogenicity

Component Carcinogenicity
No information is available.

Chronic Toxicity

Chronic inhalation exposure to rats for a lifetime (two years) using sodium polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produced non-specific inflammation and chronic lung injury at 0.2 mg/m^3 and 0.8 mg/m^3. Also, at 0.8 mg/m^3, tumors were seen in some test animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects detected at 0.05 mg/m^3.

Mutagenicity

Sodium polyacrylate had no effect in mutagenicity tests.

* * * Section 12 – Ecological Information * * *

Ecotoxicity

A: General Product Information

Composted polyacrylate absorbents are nontoxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

B: Component Analysis – Ecotoxicity – Aquatic Toxicity

No information available.

Environmental Fate

Polyacrylate absorbents are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of polyacrylic absorbents will not affect the performance of wastewater treatment systems.

* * * Section 13 – Disposal Considerations * * *

US EPA Waste Number & Descriptions

A: General Product Information

This product is a non-hazardous waste material suitable for approved solid waste landfills.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of in accordance with Local, State and Federal regulations.

* * * Section 14 – Transportation Information * * *

International Transportation Regulations

This product is not transport regulated.

* * * Section 15 – Regulatory Information * * *

US Federal Regulations

A: General Product Information

This product is not Federally regulated as a hazardous material.

B: Clean Air Act

No information is available.

C: Component Analysis

No information is available.

D: Food & Drug Administration

CFR references for the FDA regulated components in this product are listed.

Sodium polyacrylate (9003-04-7)

Direct Food Additives: 173.73, 173.310
Indirect Food Additives: 175.105

State Regulations

A: General Product Information

This product is not regulated by any State as a hazardous material.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

Component Analysis – WHMIS IDL

No components are listed in the WHMIS IDL.

Component Analysis – Inventory

Component	CAS#	TSCA	CAN	EEC
Sodium polyacrylate	9003-04-7	Yes	DSL	No

* * * Section 16 – Other Information * * *

Other Information

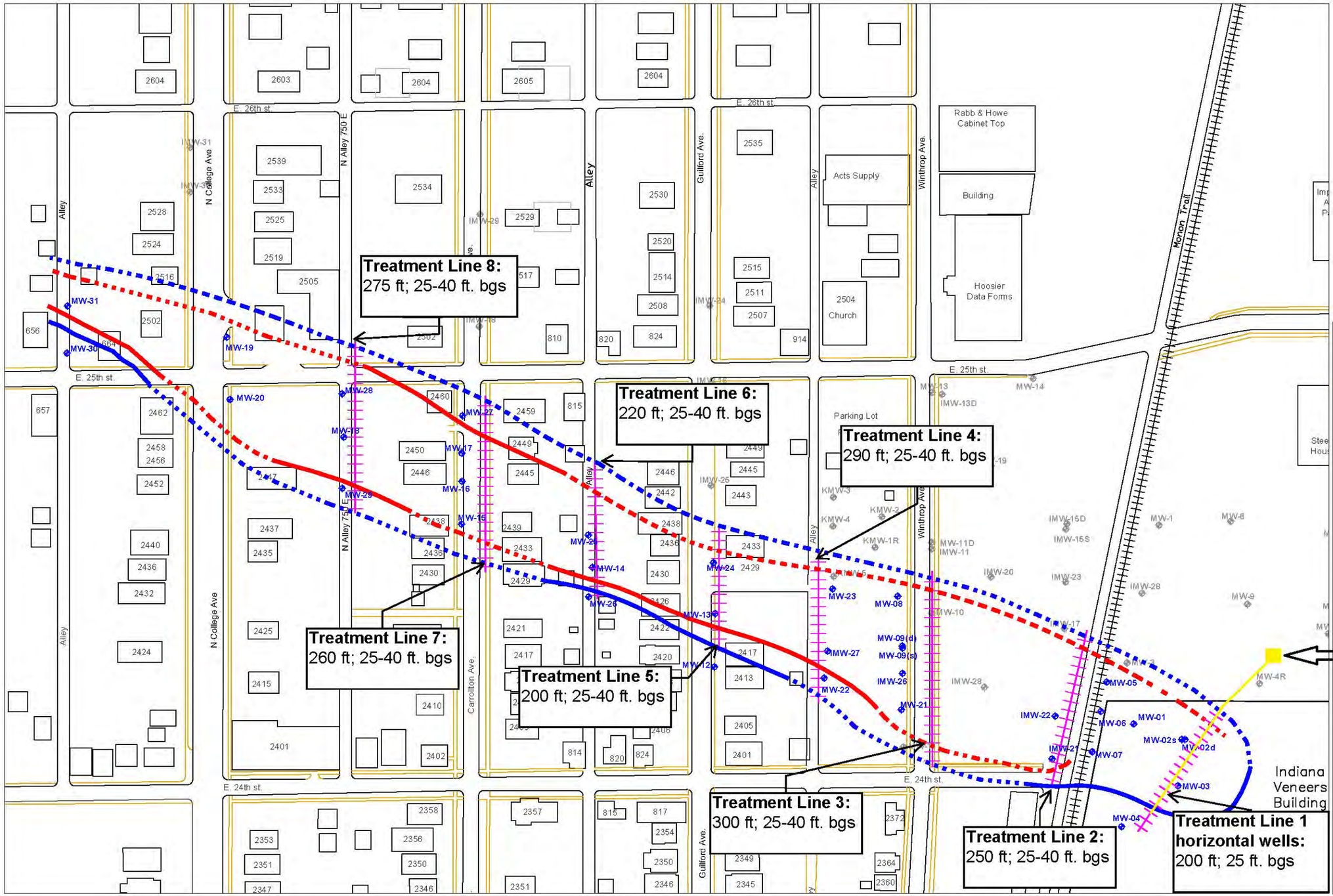
The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

Contact: Product Compliance Officer
Contact Phone: (888) 369-8704

Appendix B

Site Figure and Analytical Tables



LEGEND

- KMW-5 / IMW-21 — Monitoring Well (Titan VRP Site)
- MW-01 — Monitoring Well (Mundell & Associates)
- Injection Line Locations
- Interpolated Extent of Dissolved Trichloroethene Exceeding 2022 IDEM RCG Residential Drinking Water Level

Approximate horizontal wellbore path in yellow

Horizontal Well installed along 'Treatment Line 1' underneath current Site building

Mundell
Consulting Professionals for the Earth and the Environment

110 South Downey Avenue
Indianapolis, Indiana 46219
317-630-9060, fax 317-630-9065
www.MundellAssociates.com

REV.	DATE	DESCRIPTION	BY	APPR

PROJECT NO.: M13071	FILE NO.:	**Remedial Injection Line Locations**	FIGURE
DRAWING:	PLOT SIZE: 11"X17"		
DRAFTED BY: LG	DATE: 06/21/2023	Indiana Veneers Corporation 1124 E 24th Street Indianapolis, IN	11
CHECKED BY: RW	DATE: 06/21/2023		
APPROVED BY:	DATE:		

Table 1
Solids Analytical Results Summary
1121 E. 24th Street Indianapolis, Marion County
Indiana Veneers Corporation
MUNDELL Project No. M13071

Sludge Box	Sample Name	Date Sampled	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SB-1	SBX-1 (LS)	2/14/2024	<0.0047	0.051	<0.0047	<0.0047	<0.0047	N/A
	DUP	2/14/2024	<0.0052	0.097	<0.0052	<0.0052	<0.0052	N/A
	SB-1 Solid	2/21/2024	<0.0063	0.042	<0.0063	<0.0063	<0.0063	<0.0063
SB-3	SB-3	2/19/2024	0.087	0.369	<0.0462	<0.0462	<0.0462	N/A
	SB-3	2/23/2024	0.108	**0.554**	<0.0212	<0.0212	<0.0212	0.041
	DUP	2/23/2024	0.056	0.311	<0.0153	<0.0153	<0.0153	0.019
TCLP Maximum Concentration (ppm)			**0.7**	**0.5**	**-**	**-**	**0.2**	**6.0**
20X TCLP Maximum Concentration (ppm)			**14**	**10**	**-**	**-**	**4**	**120**

Notes:
1) N/A = not analyzed
2) - for screening level means no level set

Table 2
Water Analytical Results
1121 E. 24th Street Indianapolis, Marion County
Indiana Veneers Corporation
MUNDELL Project No. M13071

Sludge Box	Sample Name	Date Sampled	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform	Bromodichloromethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-1	SBX-1	2/14/2024	<5.0	30.0	<5.0	<5.0	<2.0	N/A	N/A
	DUP	2/14/2024	<5.0	31.6	<5.0	<5.0	<2.0	N/A	N/A
	SB-1 Water	2/21/2024	<5.0	26.6	<5.0	<5.0	<2.0	7.2	<5.0
SB-2	SB2222	2/16/2024	<25.0	<25.0	<25.0	<25.0	<10.0	<25.0	<25.0
SB-3	SB-3	2/19/2024	<5.0	14.7	<5.0	<5.0	<2.0	5.5	<5.0
	SB-3	2/23/2024	<5.0	37.0	<5.0	<5.0	<2.0	10.6	<5.0
SB-4	SB-4	2/20/2024	<5.0	<5.0	<5.0	<5.0	<2.0	6.4	5.3
SB-5	SB-5 Water	2/21/2024	<5.0	30.0	<5.0	<5.0	<2.0	9.1	<5.0
SB-6	SB-6	2/23/2024	<5.0	32.0	<5.0	<5.0	<2.0	12.4	<5.0
	DUP	2/23/2024	<5.0	29.6	<5.0	<5.0	<2.0	11.6	<5.0
10x 2023 Residential Tap Water (µg/L)			**50**	**50**	**700**	**1,000**	**20**	**80**	**80**
TCLP Maximum Concentration (ppb)			**700**	**500**	**-**	**-**	**200**	**6,000**	**6,000**

Notes:
1) N/A = not analyzed
2) - for screening level means no level set

Appendix C

Laboratory Analytical Reports

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 16, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers M13071
Pace Project No.: 50365833

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50365833001	**SBX-1**	Water	02/14/24 15:25	02/14/24 16:25
50365833002	**DUP**	Water	02/14/24 08:00	02/14/24 16:25
50365833003	**SBX-1(LS)**	Solid	02/14/24 15:50	02/14/24 16:25
50365833004	**Dup**	Solid	02/14/24 08:00	02/14/24 16:25

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50365833001	**SBX-1**	EPA 8260	DAP	12	PASI-I
50365833002	**DUP**	EPA 8260	DAP	12	PASI-I
50365833003	**SBX-1(LS)**	EPA 8260	TMW	12	PASI-I
		SM 2540G	QAK	1	PASI-I
50365833004	**Dup**	EPA 8260	TMW	12	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50365833001	**SBX-1**					
EPA 8260	Trichloroethene	30.0	ug/L	5.0	02/15/24 12:26	
50365833002	**DUP**					
EPA 8260	Trichloroethene	31.6	ug/L	5.0	02/15/24 12:47	
50365833003	**SBX-1(LS)**					
EPA 8260	Trichloroethene	50.7	ug/kg	4.7	02/15/24 16:43	
SM 2540G	Percent Moisture	27.9	%	0.10	02/15/24 14:51	N2
50365833004	**Dup**					
EPA 8260	Trichloroethene	96.8	ug/kg	5.2	02/15/24 17:13	
SM 2540G	Percent Moisture	28.5	%	0.10	02/15/24 14:51	N2

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Sample: SBX-1 **Lab ID: 50365833001** Collected: 02/14/24 15:25 Received: 02/14/24 16:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	5.0	1		02/15/24 12:26	75-00-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/15/24 12:26	75-34-3	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/15/24 12:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/15/24 12:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/15/24 12:26	156-60-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/15/24 12:26	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/15/24 12:26	71-55-6	
Trichloroethene	**30.0**	ug/L	5.0	1		02/15/24 12:26	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		02/15/24 12:26	75-01-4	
Surrogates								
Dibromofluoromethane (S)	94	%.	82-128	1		02/15/24 12:26	1868-53-7	pH
4-Bromofluorobenzene (S)	106	%.	79-124	1		02/15/24 12:26	460-00-4	
Toluene-d8 (S)	107	%.	73-122	1		02/15/24 12:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Sample: DUP **Lab ID: 50365833002** Collected: 02/14/24 08:00 Received: 02/14/24 16:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	5.0	1		02/15/24 12:47	75-00-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/15/24 12:47	75-34-3	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/15/24 12:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/15/24 12:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/15/24 12:47	156-60-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/15/24 12:47	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/15/24 12:47	71-55-6	
Trichloroethene	**31.6**	ug/L	5.0	1		02/15/24 12:47	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		02/15/24 12:47	75-01-4	
Surrogates								
Dibromofluoromethane (S)	95	%.	82-128	1		02/15/24 12:47	1868-53-7	pH
4-Bromofluorobenzene (S)	103	%.	79-124	1		02/15/24 12:47	460-00-4	
Toluene-d8 (S)	113	%.	73-122	1		02/15/24 12:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Sample: SBX-1(LS) **Lab ID: 50365833003** Collected: 02/14/24 15:50 Received: 02/14/24 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	4.7	1		02/15/24 16:43	75-00-3	
1,1-Dichloroethane	ND	ug/kg	4.7	1		02/15/24 16:43	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	1		02/15/24 16:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		02/15/24 16:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		02/15/24 16:43	156-60-5	
Tetrachloroethene	ND	ug/kg	4.7	1		02/15/24 16:43	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	4.7	1		02/15/24 16:43	71-55-6	
Trichloroethene	**50.7**	ug/kg	4.7	1		02/15/24 16:43	79-01-6	
Vinyl chloride	ND	ug/kg	4.7	1		02/15/24 16:43	75-01-4	
Surrogates								
Dibromofluoromethane (S)	105	%.	75-135	1		02/15/24 16:43	1868-53-7	
Toluene-d8 (S)	99	%.	65-148	1		02/15/24 16:43	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	63-132	1		02/15/24 16:43	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**27.9**	%	0.10	1		02/15/24 14:51		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Sample: Dup **Lab ID: 50365833004** Collected: 02/14/24 08:00 Received: 02/14/24 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	5.2	1		02/15/24 17:13	75-00-3	
1,1-Dichloroethane	ND	ug/kg	5.2	1		02/15/24 17:13	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.2	1		02/15/24 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		02/15/24 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		02/15/24 17:13	156-60-5	
Tetrachloroethene	ND	ug/kg	5.2	1		02/15/24 17:13	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	5.2	1		02/15/24 17:13	71-55-6	
Trichloroethene	**96.8**	ug/kg	5.2	1		02/15/24 17:13	79-01-6	
Vinyl chloride	ND	ug/kg	5.2	1		02/15/24 17:13	75-01-4	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-135	1		02/15/24 17:13	1868-53-7	
Toluene-d8 (S)	102	%.	65-148	1		02/15/24 17:13	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	63-132	1		02/15/24 17:13	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**28.5**	%	0.10	1		02/15/24 14:51		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50365833

QC Batch: 775742
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50365833001, 50365833002

METHOD BLANK: 3551133 Matrix: Water
Associated Lab Samples: 50365833001, 50365833002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	02/15/24 11:20	
1,1-Dichloroethane	ug/L	ND	5.0	02/15/24 11:20	
1,1-Dichloroethene	ug/L	ND	5.0	02/15/24 11:20	
Chloroethane	ug/L	ND	5.0	02/15/24 11:20	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/15/24 11:20	
Tetrachloroethene	ug/L	ND	5.0	02/15/24 11:20	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/15/24 11:20	
Trichloroethene	ug/L	ND	5.0	02/15/24 11:20	
Vinyl chloride	ug/L	ND	2.0	02/15/24 11:20	
4-Bromofluorobenzene (S)	%.	102	79-124	02/15/24 11:20	
Dibromofluoromethane (S)	%.	97	82-128	02/15/24 11:20	
Toluene-d8 (S)	%.	100	73-122	02/15/24 11:20	

LABORATORY CONTROL SAMPLE: 3551134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	45.6	91	76-127	
1,1-Dichloroethane	ug/L	50	42.7	85	76-123	
1,1-Dichloroethene	ug/L	50	43.2	86	73-133	
Chloroethane	ug/L	50	47.4	95	43-140	
cis-1,2-Dichloroethene	ug/L	50	45.3	91	76-125	
Tetrachloroethene	ug/L	50	43.1	86	73-132	
trans-1,2-Dichloroethene	ug/L	50	44.5	89	74-125	
Trichloroethene	ug/L	50	46.3	93	75-127	
Vinyl chloride	ug/L	50	41.2	82	48-133	
4-Bromofluorobenzene (S)	%.			100	79-124	
Dibromofluoromethane (S)	%.			104	82-128	
Toluene-d8 (S)	%.			102	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3551135 3551136

Parameter	Units	50365855016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	44.1	50.4	88	101	63-138	13	20	
1,1-Dichloroethane	ug/L	ND	50	50	39.5	45.5	79	91	64-138	14	20	
1,1-Dichloroethene	ug/L	ND	50	50	39.5	46.0	79	92	65-139	15	20	
Chloroethane	ug/L	ND	50	50	43.3	49.7	87	99	46-142	14	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50365833

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3551135 3551136

Parameter	Units	50365855016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,2-Dichloroethene	ug/L	ND	50	50	42.3	48.1	85	96	59-141	13	20	
Tetrachloroethene	ug/L	ND	50	50	38.4	41.8	77	84	43-149	9	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	40.8	42.9	82	86	63-133	5	20	
Trichloroethene	ug/L	43.4	50	50	87.7	93.7	89	101	52-145	7	20	
Vinyl chloride	ug/L	ND	50	50	45.6	49.7	91	99	43-139	9	20	
4-Bromofluorobenzene (S)	%.						104	93	79-124			
Dibromofluoromethane (S)	%.						98	101	82-128			
Toluene-d8 (S)	%.						104	100	73-122			

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50365833

QC Batch: 775801
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50365833003, 50365833004

METHOD BLANK: 3551451 Matrix: Solid
Associated Lab Samples: 50365833003, 50365833004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	ND	5.0	02/15/24 13:11	
1,1-Dichloroethane	ug/kg	ND	5.0	02/15/24 13:11	
1,1-Dichloroethene	ug/kg	ND	5.0	02/15/24 13:11	
Chloroethane	ug/kg	ND	5.0	02/15/24 13:11	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	02/15/24 13:11	
Tetrachloroethene	ug/kg	ND	5.0	02/15/24 13:11	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	02/15/24 13:11	
Trichloroethene	ug/kg	ND	5.0	02/15/24 13:11	
Vinyl chloride	ug/kg	ND	5.0	02/15/24 13:11	
4-Bromofluorobenzene (S)	%.	100	63-132	02/15/24 13:11	
Dibromofluoromethane (S)	%.	104	75-135	02/15/24 13:11	1d
Toluene-d8 (S)	%.	98	65-148	02/15/24 13:11	

LABORATORY CONTROL SAMPLE: 3551452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	.044J	89	66-133	
1,1-Dichloroethane	ug/kg	50	41.9	84	67-128	
1,1-Dichloroethene	ug/kg	50	45.8	92	65-138	
Chloroethane	ug/kg	50	51.2	102	64-136	
cis-1,2-Dichloroethene	ug/kg	50	43.2	86	64-131	
Tetrachloroethene	ug/kg	50	44.5	89	62-135	
trans-1,2-Dichloroethene	ug/kg	50	43.6	87	63-131	
Trichloroethene	ug/kg	50	43.3	87	64-135	
Vinyl chloride	ug/kg	50	47.3	95	54-134	
4-Bromofluorobenzene (S)	%.			98	63-132	
Dibromofluoromethane (S)	%.			100	75-135	
Toluene-d8 (S)	%.			99	65-148	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50365833

QC Batch: 775692
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50365833003, 50365833004

SAMPLE DUPLICATE: 3550900

Parameter	Units	50364919001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	97.9	97.7	0	10	N2

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers M13071
Pace Project No.: 50365833

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers M13071
Pace Project No.: 50365833

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50365833001	**SBX-1**	EPA 8260	775742		
50365833002	**DUP**	EPA 8260	775742		
50365833003	**SBX-1(LS)**	EPA 8260	775801		
50365833004	**Dup**	EPA 8260	775801		
50365833003	**SBX-1(LS)**	SM 2540G	775692		
50365833004	**Dup**	SM 2540G	775692		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50365833

50365833

Company Name:	Mundell & Associates
Street Address:	110 South Downey Ave, Indianapolis, IN 46219
Customer Project #:	
Project Name:	Indiana Veneers M13071
State Collection Info/Facility ID (as applicable):	
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
Data Deliverables:	[ ] Level II [ ] Level III [ ] Level IV [ ] EQuIS [ ] Other

Contact/Report To:	Luis Gonzalez
Phone #:	(317)630-9060
E-Mail:	lgonzalez@mundellassociates.com
Cc E-Mail:	
Invoice To:	Accounts Payable
Invoice E-Mail:	accounting@mundellassociates.com
Purchase Order # (if applicable):	
Quote #:	
County / State origin of sample(s):	Indiana
Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: ~~2/14/24~~ 2/15/24

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	VOC 8260/5030	Sample Comment
SBX-1	GW	G	2/14/24	1525			3			X	001
DUP	GW	G					3			X	002
SBX-1 (S)	SS	G	2/14/24	1550			4			X	003
DUP	SS	G					4			X	004

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Olivia Deck**

AcctNum / Client ID:

Table #:

Profile / Template: **3181-1,2**

Prelog / Bottle Ord. ID: **EZ 3068869**

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:
DI Terracores must be frozen in the lab within 48hrs of collection.

Collected By: (Printed Name) Luis Gonzalez

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	B3	+0.4	4.9	5.3	

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
William Dennis/Mundell	2-14-24 1625		2/14/24 1625	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.23, 26Jun2023

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: LR 2/14/24 1640

1. **Courier:** ☐ FED EX ☐ UPS ☒ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____
2. **Custody Seal on Cooler/Box Present:** ☒ Yes ☐ No
   (If yes)Seals Intact: ☒ Yes ☐ No **(leave blank if no seals were present)**
3. **Thermometer:** 1 2 3 4 5 6 7 8 A B C D E F G H
4. **Cooler Temperature(s):** 4.9 / 5.3 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
5. **Packing Material:** ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☒ Wet ☐ Blue ☐ None
7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No
   Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			X
Short Hold Time Analysis (48 hours or less)? **Analysis:** TC	X					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1645		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Rush TAT Requested (4 days or less): 1 day	X		Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Custody Signatures Present?	X		Headspace Wisconsin Sulfide?			X
Containers Intact?:	X		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present X	Absent	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X		Trip Blank Present?		X	
Extra labels on Terracore Vials? (soils only)		X	Trip Blank Custody Seals?:			X

COMMENTS:

All 6 VG9H have foam layer present - LR 2/14

COC PAGE 1 of 1

Sample Container Count

** Place a RED dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
			MeOH (only)																											Red	Yellow	Green	Black
			SBS																													
			DI																													
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1				3	3/3																						SL				
2				3	3/3																						SL				
3			4																								SL				
4			4																								SL				
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 22, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers M13071
Pace Project No.: 50366354

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 21, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50366354001	**SB-1 Solid**	Solid	02/21/24 10:45	02/21/24 13:48
50366354002	**SB-1 Water**	Water	02/21/24 11:05	02/21/24 13:48
50366354003	**SB-5 Water**	Water	02/21/24 10:55	02/21/24 13:48

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50366354001	**SB-1 Solid**	EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50366354002	**SB-1 Water**	EPA 5030/8260	SLB	75	PASI-I
50366354003	**SB-5 Water**	EPA 5030/8260	SLB	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50366354001	**SB-1 Solid**					
EPA 8260	Trichloroethene	0.042	mg/kg	0.0063	02/22/24 10:25	
SM 2540G	Percent Moisture	30.9	%	0.10	02/21/24 16:35	N2
50366354002	**SB-1 Water**					
EPA 5030/8260	Chloroform	7.2	ug/L	5.0	02/22/24 10:57	
EPA 5030/8260	Trichloroethene	26.6	ug/L	5.0	02/22/24 10:57	
50366354003	**SB-5 Water**					
EPA 5030/8260	Chloroform	9.1	ug/L	5.0	02/22/24 11:29	
EPA 5030/8260	Trichloroethene	30.0	ug/L	5.0	02/22/24 11:29	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Sample: SB-1 Solid **Lab ID: 50366354001** Collected: 02/21/24 10:45 Received: 02/21/24 13:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.13	1		02/22/24 10:25	67-64-1	
Acrolein	ND	mg/kg	0.13	1		02/22/24 10:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		02/22/24 10:25	107-13-1	
Benzene	ND	mg/kg	0.0063	1		02/22/24 10:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0063	1		02/22/24 10:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0063	1		02/22/24 10:25	75-27-4	
Bromoform	ND	mg/kg	0.0063	1		02/22/24 10:25	75-25-2	
Bromomethane	ND	mg/kg	0.0063	1		02/22/24 10:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.031	1		02/22/24 10:25	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		02/22/24 10:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0063	1		02/22/24 10:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	108-90-7	
Chloroethane	ND	mg/kg	0.0063	1		02/22/24 10:25	75-00-3	
Chloroform	ND	mg/kg	0.0063	1		02/22/24 10:25	67-66-3	
Chloromethane	ND	mg/kg	0.0063	1		02/22/24 10:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0063	1		02/22/24 10:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0063	1		02/22/24 10:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0063	1		02/22/24 10:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0063	1		02/22/24 10:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0063	1		02/22/24 10:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		02/22/24 10:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0063	1		02/22/24 10:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0063	1		02/22/24 10:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0063	1		02/22/24 10:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0063	1		02/22/24 10:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0063	1		02/22/24 10:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0063	1		02/22/24 10:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0063	1		02/22/24 10:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0063	1		02/22/24 10:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0063	1		02/22/24 10:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0063	1		02/22/24 10:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0063	1		02/22/24 10:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0063	1		02/22/24 10:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		02/22/24 10:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0063	1		02/22/24 10:25	87-68-3	
n-Hexane	ND	mg/kg	0.0063	1		02/22/24 10:25	110-54-3	
2-Hexanone	ND	mg/kg	0.13	1		02/22/24 10:25	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Sample: SB-1 Solid **Lab ID: 50366354001** Collected: 02/21/24 10:45 Received: 02/21/24 13:48 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.13	1		02/22/24 10:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0063	1		02/22/24 10:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0063	1		02/22/24 10:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	1		02/22/24 10:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.031	1		02/22/24 10:25	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0063	1		02/22/24 10:25	1634-04-4	
Naphthalene	ND	mg/kg	0.0063	1		02/22/24 10:25	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	103-65-1	
Styrene	ND	mg/kg	0.0063	1		02/22/24 10:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0063	1		02/22/24 10:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0063	1		02/22/24 10:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0063	1		02/22/24 10:25	127-18-4	
Toluene	ND	mg/kg	0.0063	1		02/22/24 10:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	6.3	1		02/22/24 10:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0063	1		02/22/24 10:25	79-00-5	
Trichloroethene	**0.042**	mg/kg	0.0063	1		02/22/24 10:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0063	1		02/22/24 10:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0063	1		02/22/24 10:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0063	1		02/22/24 10:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		02/22/24 10:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0063	1		02/22/24 10:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		02/22/24 10:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%.	75-135	1		02/22/24 10:25	1868-53-7	
Toluene-d8 (S)	103	%.	65-148	1		02/22/24 10:25	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	63-132	1		02/22/24 10:25	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**30.9**	%	0.10	1		02/21/24 16:35		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Sample: SB-1 Water **Lab ID: 50366354002** Collected: 02/21/24 11:05 Received: 02/21/24 13:48 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana unpreserved	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/22/24 10:57	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/22/24 10:57	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/22/24 10:57	107-13-1	
Benzene	ND	ug/L	5.0	1		02/22/24 10:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/22/24 10:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/22/24 10:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		02/22/24 10:57	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/22/24 10:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/22/24 10:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/22/24 10:57	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/22/24 10:57	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/22/24 10:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/22/24 10:57	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/22/24 10:57	75-00-3	
Chloroform	**7.2**	ug/L	5.0	1		02/22/24 10:57	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/22/24 10:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/22/24 10:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/22/24 10:57	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/22/24 10:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/22/24 10:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/22/24 10:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/22/24 10:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/22/24 10:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/22/24 10:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/22/24 10:57	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/22/24 10:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/22/24 10:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/22/24 10:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/22/24 10:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/22/24 10:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/22/24 10:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/22/24 10:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/22/24 10:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/22/24 10:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/22/24 10:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/22/24 10:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/22/24 10:57	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/22/24 10:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/22/24 10:57	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/22/24 10:57	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/22/24 10:57	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/22/24 10:57	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Sample: SB-1 Water **Lab ID: 50366354002** Collected: 02/21/24 11:05 Received: 02/21/24 13:48 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana unpreserved	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/22/24 10:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/22/24 10:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 10:57	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/22/24 10:57	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/22/24 10:57	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/22/24 10:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/22/24 10:57	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/22/24 10:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	103-65-1	
Styrene	ND	ug/L	5.0	1		02/22/24 10:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/22/24 10:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/22/24 10:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/22/24 10:57	127-18-4	
Toluene	ND	ug/L	5.0	1		02/22/24 10:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/22/24 10:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/22/24 10:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/22/24 10:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/22/24 10:57	79-00-5	
Trichloroethene	**26.6**	ug/L	5.0	1		02/22/24 10:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/22/24 10:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/22/24 10:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/22/24 10:57	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/22/24 10:57	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/22/24 10:57	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/22/24 10:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	82-128	1		02/22/24 10:57	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	79-124	1		02/22/24 10:57	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		02/22/24 10:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Sample: SB-5 Water **Lab ID: 50366354003** Collected: 02/21/24 10:55 Received: 02/21/24 13:48 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/22/24 11:29	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/22/24 11:29	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/22/24 11:29	107-13-1	
Benzene	ND	ug/L	5.0	1		02/22/24 11:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/22/24 11:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/22/24 11:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		02/22/24 11:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/22/24 11:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/22/24 11:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/22/24 11:29	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/22/24 11:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/22/24 11:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/22/24 11:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/22/24 11:29	75-00-3	
Chloroform	**9.1**	ug/L	5.0	1		02/22/24 11:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/22/24 11:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/22/24 11:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/22/24 11:29	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/22/24 11:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/22/24 11:29	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/22/24 11:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/22/24 11:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/22/24 11:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/22/24 11:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/22/24 11:29	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/22/24 11:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/22/24 11:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/22/24 11:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/22/24 11:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/22/24 11:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/22/24 11:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/22/24 11:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/22/24 11:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/22/24 11:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/22/24 11:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/22/24 11:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/22/24 11:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/22/24 11:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/22/24 11:29	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/22/24 11:29	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/22/24 11:29	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/22/24 11:29	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Sample: SB-5 Water **Lab ID: 50366354003** Collected: 02/21/24 10:55 Received: 02/21/24 13:48 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/22/24 11:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/22/24 11:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 11:29	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/22/24 11:29	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/22/24 11:29	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/22/24 11:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/22/24 11:29	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/22/24 11:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	103-65-1	
Styrene	ND	ug/L	5.0	1		02/22/24 11:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/22/24 11:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/22/24 11:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/22/24 11:29	127-18-4	
Toluene	ND	ug/L	5.0	1		02/22/24 11:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/22/24 11:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/22/24 11:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/22/24 11:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/22/24 11:29	79-00-5	
Trichloroethene	**30.0**	ug/L	5.0	1		02/22/24 11:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/22/24 11:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/22/24 11:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/22/24 11:29	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/22/24 11:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/22/24 11:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/22/24 11:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	82-128	1		02/22/24 11:29	1868-53-7	pH
4-Bromofluorobenzene (S)	95	%.	79-124	1		02/22/24 11:29	460-00-4	
Toluene-d8 (S)	98	%.	73-122	1		02/22/24 11:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

QC Batch: 776818
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50366354003

METHOD BLANK: 3555843 Matrix: Water
Associated Lab Samples: 50366354002, 50366354003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	02/22/24 09:52	
1,1,1-Trichloroethane	ug/L	ND	5.0	02/22/24 09:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	02/22/24 09:52	
1,1,2-Trichloroethane	ug/L	ND	5.0	02/22/24 09:52	
1,1-Dichloroethane	ug/L	ND	5.0	02/22/24 09:52	
1,1-Dichloroethene	ug/L	ND	5.0	02/22/24 09:52	
1,1-Dichloropropene	ug/L	ND	5.0	02/22/24 09:52	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	02/22/24 09:52	
1,2,3-Trichloropropane	ug/L	ND	5.0	02/22/24 09:52	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	02/22/24 09:52	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	02/22/24 09:52	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	02/22/24 09:52	
1,2-Dichlorobenzene	ug/L	ND	5.0	02/22/24 09:52	
1,2-Dichloroethane	ug/L	ND	5.0	02/22/24 09:52	
1,2-Dichloropropane	ug/L	ND	5.0	02/22/24 09:52	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	02/22/24 09:52	
1,3-Dichlorobenzene	ug/L	ND	5.0	02/22/24 09:52	
1,3-Dichloropropane	ug/L	ND	5.0	02/22/24 09:52	
1,4-Dichlorobenzene	ug/L	ND	5.0	02/22/24 09:52	
1-Methylnaphthalene	ug/L	ND	10.0	02/22/24 09:52	
2,2-Dichloropropane	ug/L	ND	5.0	02/22/24 09:52	
2-Butanone (MEK)	ug/L	ND	25.0	02/22/24 09:52	
2-Chlorotoluene	ug/L	ND	5.0	02/22/24 09:52	
2-Hexanone	ug/L	ND	25.0	02/22/24 09:52	
2-Methylnaphthalene	ug/L	ND	10.0	02/22/24 09:52	
4-Chlorotoluene	ug/L	ND	5.0	02/22/24 09:52	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	02/22/24 09:52	
Acetone	ug/L	ND	100	02/22/24 09:52	
Acrolein	ug/L	ND	50.0	02/22/24 09:52	
Acrylonitrile	ug/L	ND	100	02/22/24 09:52	
Benzene	ug/L	ND	5.0	02/22/24 09:52	
Bromobenzene	ug/L	ND	5.0	02/22/24 09:52	
Bromochloromethane	ug/L	ND	5.0	02/22/24 09:52	
Bromodichloromethane	ug/L	ND	5.0	02/22/24 09:52	
Bromoform	ug/L	ND	5.0	02/22/24 09:52	
Bromomethane	ug/L	ND	5.0	02/22/24 09:52	
Carbon disulfide	ug/L	ND	10.0	02/22/24 09:52	
Carbon tetrachloride	ug/L	ND	5.0	02/22/24 09:52	
Chlorobenzene	ug/L	ND	5.0	02/22/24 09:52	
Chloroethane	ug/L	ND	5.0	02/22/24 09:52	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

METHOD BLANK: 3555843 Matrix: Water
Associated Lab Samples: 50366354002, 50366354003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	02/22/24 09:52	
Chloromethane	ug/L	ND	5.0	02/22/24 09:52	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/22/24 09:52	
cis-1,3-Dichloropropene	ug/L	ND	5.0	02/22/24 09:52	
Dibromochloromethane	ug/L	ND	5.0	02/22/24 09:52	
Dibromomethane	ug/L	ND	5.0	02/22/24 09:52	
Dichlorodifluoromethane	ug/L	ND	5.0	02/22/24 09:52	
Ethyl methacrylate	ug/L	ND	100	02/22/24 09:52	
Ethylbenzene	ug/L	ND	5.0	02/22/24 09:52	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	02/22/24 09:52	
Iodomethane	ug/L	ND	10.0	02/22/24 09:52	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	02/22/24 09:52	
Methyl-tert-butyl ether	ug/L	ND	4.0	02/22/24 09:52	
Methylene Chloride	ug/L	ND	5.0	02/22/24 09:52	
n-Butylbenzene	ug/L	ND	5.0	02/22/24 09:52	
n-Hexane	ug/L	ND	5.0	02/22/24 09:52	
n-Propylbenzene	ug/L	ND	5.0	02/22/24 09:52	
Naphthalene	ug/L	ND	1.2	02/22/24 09:52	
p-Isopropyltoluene	ug/L	ND	5.0	02/22/24 09:52	
sec-Butylbenzene	ug/L	ND	5.0	02/22/24 09:52	
Styrene	ug/L	ND	5.0	02/22/24 09:52	
tert-Butylbenzene	ug/L	ND	5.0	02/22/24 09:52	
Tetrachloroethene	ug/L	ND	5.0	02/22/24 09:52	
Toluene	ug/L	ND	5.0	02/22/24 09:52	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/22/24 09:52	
trans-1,3-Dichloropropene	ug/L	ND	5.0	02/22/24 09:52	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	02/22/24 09:52	
Trichloroethene	ug/L	ND	5.0	02/22/24 09:52	
Trichlorofluoromethane	ug/L	ND	5.0	02/22/24 09:52	
Vinyl acetate	ug/L	ND	50.0	02/22/24 09:52	
Vinyl chloride	ug/L	ND	2.0	02/22/24 09:52	
Xylene (Total)	ug/L	ND	10.0	02/22/24 09:52	
4-Bromofluorobenzene (S)	%.	100	79-124	02/22/24 09:52	
Dibromofluoromethane (S)	%.	93	82-128	02/22/24 09:52	1d
Toluene-d8 (S)	%.	101	73-122	02/22/24 09:52	

LABORATORY CONTROL SAMPLE: 3555844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	39.6	79	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	47.4	95	70-126	
1,1-Dichloroethene	ug/L	50	40.6	81	73-133	
1,2,4-Trimethylbenzene	ug/L	50	45.7	91	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	50.8	102	80-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

LABORATORY CONTROL SAMPLE: 3555844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	48.5	97	70-124	
1,2-Dichloropropane	ug/L	50	48.3	97	74-128	
Benzene	ug/L	50	42.8	86	74-124	
Chlorobenzene	ug/L	50	48.3	97	77-121	
Chloroform	ug/L	50	45.6	91	75-118	
cis-1,2-Dichloroethene	ug/L	50	45.8	92	76-125	
Ethylbenzene	ug/L	50	43.7	87	74-125	
Isopropylbenzene (Cumene)	ug/L	50	43.5	87	75-126	
Methyl-tert-butyl ether	ug/L	50	48.6	97	74-129	
n-Hexane	ug/L	50	32.5	65	58-131	
Naphthalene	ug/L	50	46.7	93	70-132	
Tetrachloroethene	ug/L	50	41.0	82	73-132	
Toluene	ug/L	50	45.2	90	72-119	
trans-1,2-Dichloroethene	ug/L	50	45.2	90	74-125	
Trichloroethene	ug/L	50	43.3	87	75-127	
Vinyl chloride	ug/L	50	40.8	82	48-133	
Xylene (Total)	ug/L	150	135	90	73-123	
4-Bromofluorobenzene (S)	%.			97	79-124	
Dibromofluoromethane (S)	%.			94	82-128	
Toluene-d8 (S)	%.			102	73-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

QC Batch: 776816
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50366354001

METHOD BLANK: 3555832 Matrix: Solid
Associated Lab Samples: 50366354001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	02/22/24 09:52	
1,1,1-Trichloroethane	mg/kg	ND	5.0	02/22/24 09:52	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	02/22/24 09:52	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	02/22/24 09:52	
1,1-Dichloroethane	mg/kg	ND	0.0050	02/22/24 09:52	
1,1-Dichloroethene	mg/kg	ND	0.0050	02/22/24 09:52	
1,1-Dichloropropene	mg/kg	ND	0.0050	02/22/24 09:52	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	02/22/24 09:52	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	02/22/24 09:52	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
1,2-Dichloroethane	mg/kg	ND	0.0050	02/22/24 09:52	
1,2-Dichloropropane	mg/kg	ND	0.0050	02/22/24 09:52	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
1,3-Dichloropropane	mg/kg	ND	0.0050	02/22/24 09:52	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
2,2-Dichloropropane	mg/kg	ND	0.0050	02/22/24 09:52	
2-Butanone (MEK)	mg/kg	ND	0.025	02/22/24 09:52	
2-Chlorotoluene	mg/kg	ND	0.0050	02/22/24 09:52	
2-Hexanone	mg/kg	ND	0.10	02/22/24 09:52	
4-Chlorotoluene	mg/kg	ND	0.0050	02/22/24 09:52	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	02/22/24 09:52	
Acetone	mg/kg	ND	0.10	02/22/24 09:52	
Acrolein	mg/kg	ND	0.10	02/22/24 09:52	
Acrylonitrile	mg/kg	ND	0.10	02/22/24 09:52	
Benzene	mg/kg	ND	0.0050	02/22/24 09:52	
Bromobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
Bromochloromethane	mg/kg	ND	0.0050	02/22/24 09:52	
Bromodichloromethane	mg/kg	ND	0.0050	02/22/24 09:52	
Bromoform	mg/kg	ND	0.0050	02/22/24 09:52	
Bromomethane	mg/kg	ND	0.0050	02/22/24 09:52	
Carbon disulfide	mg/kg	ND	0.010	02/22/24 09:52	
Carbon tetrachloride	mg/kg	ND	0.0050	02/22/24 09:52	
Chlorobenzene	mg/kg	ND	0.0050	02/22/24 09:52	
Chloroethane	mg/kg	ND	0.0050	02/22/24 09:52	
Chloroform	mg/kg	ND	0.0050	02/22/24 09:52	
Chloromethane	mg/kg	ND	0.0050	02/22/24 09:52	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

METHOD BLANK: 3555832 Matrix: Solid
Associated Lab Samples: 50366354001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	02/22/24 09:52	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	02/22/24 09:52	
Dibromochloromethane	mg/kg	ND	0.0050	02/22/24 09:52	
Dibromomethane	mg/kg	ND	0.0050	02/22/24 09:52	
Dichlorodifluoromethane	mg/kg	ND	0.0050	02/22/24 09:52	
Ethyl methacrylate	mg/kg	ND	0.10	02/22/24 09:52	
Ethylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	02/22/24 09:52	
Iodomethane	mg/kg	ND	0.10	02/22/24 09:52	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	02/22/24 09:52	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	02/22/24 09:52	
Methylene Chloride	mg/kg	ND	0.020	02/22/24 09:52	
n-Butylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
n-Hexane	mg/kg	ND	0.0050	02/22/24 09:52	
n-Propylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
Naphthalene	mg/kg	ND	0.0050	02/22/24 09:52	
p-Isopropyltoluene	mg/kg	ND	0.0050	02/22/24 09:52	
sec-Butylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
Styrene	mg/kg	ND	0.0050	02/22/24 09:52	
tert-Butylbenzene	mg/kg	ND	0.0050	02/22/24 09:52	
Tetrachloroethene	mg/kg	ND	0.0050	02/22/24 09:52	
Toluene	mg/kg	ND	0.0050	02/22/24 09:52	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	02/22/24 09:52	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	02/22/24 09:52	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	02/22/24 09:52	
Trichloroethene	mg/kg	ND	0.0050	02/22/24 09:52	
Trichlorofluoromethane	mg/kg	ND	0.0050	02/22/24 09:52	
Vinyl acetate	mg/kg	ND	0.10	02/22/24 09:52	
Vinyl chloride	mg/kg	ND	0.0050	02/22/24 09:52	
Xylene (Total)	mg/kg	ND	0.010	02/22/24 09:52	
4-Bromofluorobenzene (S)	%.	100	63-132	02/22/24 09:52	
Dibromofluoromethane (S)	%.	93	75-135	02/22/24 09:52	1d
Toluene-d8 (S)	%.	101	65-148	02/22/24 09:52	

LABORATORY CONTROL SAMPLE: 3555833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	.04J	79	66-133	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.047	95	62-131	
1,1-Dichloroethene	mg/kg	0.05	0.041	81	65-138	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.046	91	61-130	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.051	102	74-131	
1,2-Dichloroethane	mg/kg	0.05	0.049	97	62-129	
1,2-Dichloropropane	mg/kg	0.05	0.048	97	64-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

LABORATORY CONTROL SAMPLE: 3555833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.05	0.043	86	65-128	
Chlorobenzene	mg/kg	0.05	0.048	97	69-124	
Chloroform	mg/kg	0.05	0.046	91	67-122	
cis-1,2-Dichloroethene	mg/kg	0.05	0.046	92	64-131	
Ethylbenzene	mg/kg	0.05	0.044	87	67-127	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.044	87	67-128	
Methyl-tert-butyl ether	mg/kg	0.05	0.049	97	66-135	
n-Hexane	mg/kg	0.05	0.033	65	54-129	
Naphthalene	mg/kg	0.05	0.047	93	63-131	
Tetrachloroethene	mg/kg	0.05	0.041	82	62-135	
Toluene	mg/kg	0.05	0.045	90	65-123	
trans-1,2-Dichloroethene	mg/kg	0.05	0.045	90	63-131	
Trichloroethene	mg/kg	0.05	0.043	87	64-135	
Vinyl chloride	mg/kg	0.05	0.041	82	54-134	
Xylene (Total)	mg/kg	0.15	0.14	90	65-124	
4-Bromofluorobenzene (S)	%.			97	63-132	
Dibromofluoromethane (S)	%.			94	75-135	
Toluene-d8 (S)	%.			102	65-148	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366354

QC Batch: 776701
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50366354001

SAMPLE DUPLICATE: 3555407

Parameter	Units	40274471003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.3	14.2	7	10	N2

SAMPLE DUPLICATE: 3555423

Parameter	Units	50365840001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	97.5	97.5	0	10	N2

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers M13071
Pace Project No.: 50366354

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers M13071
Pace Project No.: 50366354

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50366354003	**SB-5 Water**	EPA 5030/8260	776818		
50366354002	**SB-1 Water**	EPA 5030/8260	776818		
50366354001	**SB-1 Solid**	EPA 8260	776816		
50366354001	**SB-1 Solid**	SM 2540G	776701		

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50366354

50366354

Company Name: Mundell & Associates	Contact/Report To: Rachel Walker
Street Address: 110 S. Downey Ave - Indianapolis IN	Phone #: 317 630 9060
	E-Mail: rwalker@mundellassociates.com
	Cc E-Mail: lgonzalez@mundellassociates.com
Customer Project #: M13071	Invoice to:
Project Name: Indiana Veneers	Invoice E-mail: accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s):
Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [X] 1 Day [ ] 2 Day [ ] 3 Day Other _____
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	full list VOCs	Sample Comment
SB-1 Solid	SL	G	2-21-24		2-21-24	10:45	4			X	VOC1
SB-1 Water	WT	G	2-21-24		2-21-24	10:05	3			X	VOC2
SB-5 Water	WT	G	2-21-24		2-21-24	10:55	3			X	VOC3

Additional Instructions from Pace*: Note SB-1 water had HCL rinsed out due to reactivity

Collected By: Printed Name: RWalker Signature: RWalker

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice
1	D	-0.1	0.4	0.3	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
RWalker (Mundell)	2-21-24 13:48		2-21-24 13:48	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [X] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: RC 2-21-24 14:26

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____

2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**

3. **Thermometer:** 1 2 3 4 5 6 7 8 A B C (D) E F G H

4. **Cooler Temperature(s):** 0.4/0.3 | | | |
(Initial/Corrected) **RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)**

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			
Short Hold Time Analysis (48 hours or less)? **Analysis:** DI TC	✓					✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 14:28			Present	Absent	N/A ✓
Rush TAT Requested (4 days or less): 1 day	✓		Residual Chlorine Check (SVOC 625 Pest/PCB 608)			
Custody Signatures Present?	✓		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
			Headspace Wisconsin Sulfide?			✓
Containers Intact?:	✓		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent ✓	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Present?		✓	
Extra labels on Terracore Vials? (soils only)		✓	Trip Blank Custody Seals?:			✓

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS (DI) R	DG9H VG9T	VOA VIAL HS >6mm	VG9D DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit		Matrix
1			4																									SL
2						3																						WT
3				3																								L
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
Red	Yellow	Green	Black
HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 20, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 16, 2024. 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 - Indianapolis

This report replaces the original dated 2/19/24. The report has been revised to include full list VOCs. -OMD2/20/24

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50366071001	**SB2222**	Water	02/16/24 12:00	02/16/24 14:45

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50366071001	**SB2222**	EPA 8260	BES	12	PASI-I
		EPA 5030/8260	BES	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Sample: SB2222 **Lab ID: 50366071001** Collected: 02/16/24 12:00 Received: 02/16/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	25.0	5		02/16/24 19:57	75-00-3	
1,1-Dichloroethane	ND	ug/L	25.0	5		02/16/24 19:57	75-34-3	
1,1-Dichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	156-60-5	
Tetrachloroethene	ND	ug/L	25.0	5		02/16/24 19:57	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		02/16/24 19:57	71-55-6	
Trichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	79-01-6	
Vinyl chloride	ND	ug/L	10.0	5		02/16/24 19:57	75-01-4	
Surrogates								
Dibromofluoromethane (S)	111	%.	82-128	5		02/16/24 19:57	1868-53-7	D3,HS, pH
4-Bromofluorobenzene (S)	102	%.	79-124	5		02/16/24 19:57	460-00-4	
Toluene-d8 (S)	90	%.	73-122	5		02/16/24 19:57	2037-26-5	
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	500	5		02/16/24 19:57	67-64-1	
Acrolein	ND	ug/L	250	5		02/16/24 19:57	107-02-8	
Acrylonitrile	ND	ug/L	500	5		02/16/24 19:57	107-13-1	
Benzene	ND	ug/L	25.0	5		02/16/24 19:57	71-43-2	
Bromobenzene	ND	ug/L	25.0	5		02/16/24 19:57	108-86-1	
Bromochloromethane	ND	ug/L	25.0	5		02/16/24 19:57	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	5		02/16/24 19:57	75-27-4	
Bromoform	ND	ug/L	25.0	5		02/16/24 19:57	75-25-2	
Bromomethane	ND	ug/L	25.0	5		02/16/24 19:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		02/16/24 19:57	78-93-3	
n-Butylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	104-51-8	
sec-Butylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	135-98-8	
tert-Butylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	98-06-6	
Carbon disulfide	ND	ug/L	50.0	5		02/16/24 19:57	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		02/16/24 19:57	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		02/16/24 19:57	108-90-7	
Chloroethane	ND	ug/L	25.0	5		02/16/24 19:57	75-00-3	
Chloroform	ND	ug/L	25.0	5		02/16/24 19:57	67-66-3	
Chloromethane	ND	ug/L	25.0	5		02/16/24 19:57	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	5		02/16/24 19:57	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	5		02/16/24 19:57	106-43-4	
Dibromochloromethane	ND	ug/L	25.0	5		02/16/24 19:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		02/16/24 19:57	106-93-4	
Dibromomethane	ND	ug/L	25.0	5		02/16/24 19:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		02/16/24 19:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		02/16/24 19:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		02/16/24 19:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	500	5		02/16/24 19:57	110-57-6	
Dichlorodifluoromethane	ND	ug/L	25.0	5		02/16/24 19:57	75-71-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Sample: SB2222 **Lab ID: 50366071001** Collected: 02/16/24 12:00 Received: 02/16/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
1,1-Dichloroethane	ND	ug/L	25.0	5		02/16/24 19:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		02/16/24 19:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		02/16/24 19:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	5		02/16/24 19:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	5		02/16/24 19:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	5		02/16/24 19:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		02/16/24 19:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		02/16/24 19:57	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	100-41-4	
Ethyl methacrylate	ND	ug/L	500	5		02/16/24 19:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	5		02/16/24 19:57	87-68-3	
n-Hexane	ND	ug/L	25.0	5		02/16/24 19:57	110-54-3	
2-Hexanone	ND	ug/L	125	5		02/16/24 19:57	591-78-6	
Iodomethane	ND	ug/L	50.0	5		02/16/24 19:57	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		02/16/24 19:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	25.0	5		02/16/24 19:57	99-87-6	
Methylene Chloride	ND	ug/L	25.0	5		02/16/24 19:57	75-09-2	
1-Methylnaphthalene	ND	ug/L	50.0	5		02/16/24 19:57	90-12-0	
2-Methylnaphthalene	ND	ug/L	50.0	5		02/16/24 19:57	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		02/16/24 19:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		02/16/24 19:57	1634-04-4	
Naphthalene	ND	ug/L	6.0	5		02/16/24 19:57	91-20-3	
n-Propylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	103-65-1	
Styrene	ND	ug/L	25.0	5		02/16/24 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	5		02/16/24 19:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		02/16/24 19:57	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		02/16/24 19:57	127-18-4	
Toluene	ND	ug/L	25.0	5		02/16/24 19:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	5		02/16/24 19:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		02/16/24 19:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		02/16/24 19:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		02/16/24 19:57	79-00-5	
Trichloroethene	ND	ug/L	25.0	5		02/16/24 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		02/16/24 19:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	5		02/16/24 19:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	25.0	5		02/16/24 19:57	108-67-8	
Vinyl acetate	ND	ug/L	250	5		02/16/24 19:57	108-05-4	
Vinyl chloride	ND	ug/L	10.0	5		02/16/24 19:57	75-01-4	
Xylene (Total)	ND	ug/L	50.0	5		02/16/24 19:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	82-128	5		02/16/24 19:57	1868-53-7	D3,HS, pH

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Sample: SB2222 **Lab ID: 50366071001** Collected: 02/16/24 12:00 Received: 02/16/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Surrogates								
4-Bromofluorobenzene (S)	102	%.	79-124	5		02/16/24 19:57	460-00-4	
Toluene-d8 (S)	90	%.	73-122	5		02/16/24 19:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

QC Batch: 775975
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50366071001

METHOD BLANK: 3552308 Matrix: Water
Associated Lab Samples: 50366071001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1-Dichloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1-Dichloroethene	ug/L	ND	5.0	02/16/24 11:51	
Chloroethane	ug/L	ND	5.0	02/16/24 11:51	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/16/24 11:51	
Tetrachloroethene	ug/L	ND	5.0	02/16/24 11:51	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/16/24 11:51	
Trichloroethene	ug/L	ND	5.0	02/16/24 11:51	
Vinyl chloride	ug/L	ND	2.0	02/16/24 11:51	
4-Bromofluorobenzene (S)	%.	102	79-124	02/16/24 11:51	
Dibromofluoromethane (S)	%.	111	82-128	02/16/24 11:51	
Toluene-d8 (S)	%.	91	73-122	02/16/24 11:51	

LABORATORY CONTROL SAMPLE: 3552309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	61.4	123	76-127	
1,1-Dichloroethane	ug/L	50	57.0	114	76-123	
1,1-Dichloroethene	ug/L	50	63.7	127	73-133	
Chloroethane	ug/L	50	60.9	122	43-140	
cis-1,2-Dichloroethene	ug/L	50	58.2	116	76-125	
Tetrachloroethene	ug/L	50	54.9	110	73-132	
trans-1,2-Dichloroethene	ug/L	50	58.7	117	74-125	
Trichloroethene	ug/L	50	57.3	115	75-127	
Vinyl chloride	ug/L	50	59.9	120	48-133	
4-Bromofluorobenzene (S)	%.			103	79-124	
Dibromofluoromethane (S)	%.			105	82-128	
Toluene-d8 (S)	%.			92	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3552310 3552311

Parameter	Units	50365881002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	53.5	57.3	107	115	63-138	7	20	
1,1-Dichloroethane	ug/L	ND	50	50	49.4	53.7	99	107	64-138	8	20	
1,1-Dichloroethene	ug/L	ND	50	50	54.6	60.6	109	121	65-139	10	20	
Chloroethane	ug/L	ND	50	50	59.9	65.3	120	131	46-142	9	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3552310 3552311

Parameter	Units	50365881002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,2-Dichloroethene	ug/L	ND	50	50	50.9	56.5	102	113	59-141	10	20	
Tetrachloroethene	ug/L	ND	50	50	45.9	50.6	91	101	43-149	10	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	50.4	55.8	101	112	63-133	10	20	
Trichloroethene	ug/L	ND	50	50	49.1	54.8	98	110	52-145	11	20	
Vinyl chloride	ug/L	ND	50	50	51.4	55.7	103	111	43-139	8	20	
4-Bromofluorobenzene (S)	%.						100	102	79-124			
Dibromofluoromethane (S)	%.						107	109	82-128			
Toluene-d8 (S)	%.						92	94	73-122			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

QC Batch: 776377
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50366071001

METHOD BLANK: 3553959 Matrix: Water
Associated Lab Samples: 50366071001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1,1-Trichloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1,2-Trichloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1-Dichloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,1-Dichloroethene	ug/L	ND	5.0	02/16/24 11:51	
1,1-Dichloropropene	ug/L	ND	5.0	02/16/24 11:51	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	02/16/24 11:51	
1,2,3-Trichloropropane	ug/L	ND	5.0	02/16/24 11:51	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	02/16/24 11:51	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	02/16/24 11:51	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	02/16/24 11:51	
1,2-Dichlorobenzene	ug/L	ND	5.0	02/16/24 11:51	
1,2-Dichloroethane	ug/L	ND	5.0	02/16/24 11:51	
1,2-Dichloropropane	ug/L	ND	5.0	02/16/24 11:51	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	02/16/24 11:51	
1,3-Dichlorobenzene	ug/L	ND	5.0	02/16/24 11:51	
1,3-Dichloropropane	ug/L	ND	5.0	02/16/24 11:51	
1,4-Dichlorobenzene	ug/L	ND	5.0	02/16/24 11:51	
1-Methylnaphthalene	ug/L	ND	10.0	02/16/24 11:51	
2,2-Dichloropropane	ug/L	ND	5.0	02/16/24 11:51	
2-Butanone (MEK)	ug/L	ND	25.0	02/16/24 11:51	
2-Chlorotoluene	ug/L	ND	5.0	02/16/24 11:51	
2-Hexanone	ug/L	ND	25.0	02/16/24 11:51	
2-Methylnaphthalene	ug/L	ND	10.0	02/16/24 11:51	
4-Chlorotoluene	ug/L	ND	5.0	02/16/24 11:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	02/16/24 11:51	
Acetone	ug/L	ND	100	02/16/24 11:51	
Acrolein	ug/L	ND	50.0	02/16/24 11:51	
Acrylonitrile	ug/L	ND	100	02/16/24 11:51	
Benzene	ug/L	ND	5.0	02/16/24 11:51	
Bromobenzene	ug/L	ND	5.0	02/16/24 11:51	
Bromochloromethane	ug/L	ND	5.0	02/16/24 11:51	
Bromodichloromethane	ug/L	ND	5.0	02/16/24 11:51	
Bromoform	ug/L	ND	5.0	02/16/24 11:51	
Bromomethane	ug/L	ND	5.0	02/16/24 11:51	
Carbon disulfide	ug/L	ND	10.0	02/16/24 11:51	
Carbon tetrachloride	ug/L	ND	5.0	02/16/24 11:51	
Chlorobenzene	ug/L	ND	5.0	02/16/24 11:51	
Chloroethane	ug/L	ND	5.0	02/16/24 11:51	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

METHOD BLANK: 3553959 Matrix: Water
Associated Lab Samples: 50366071001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	02/16/24 11:51	
Chloromethane	ug/L	ND	5.0	02/16/24 11:51	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/16/24 11:51	
cis-1,3-Dichloropropene	ug/L	ND	5.0	02/16/24 11:51	
Dibromochloromethane	ug/L	ND	5.0	02/16/24 11:51	
Dibromomethane	ug/L	ND	5.0	02/16/24 11:51	
Dichlorodifluoromethane	ug/L	ND	5.0	02/16/24 11:51	
Ethyl methacrylate	ug/L	ND	100	02/16/24 11:51	
Ethylbenzene	ug/L	ND	5.0	02/16/24 11:51	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	02/16/24 11:51	
Iodomethane	ug/L	ND	10.0	02/16/24 11:51	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	02/16/24 11:51	
Methyl-tert-butyl ether	ug/L	ND	4.0	02/16/24 11:51	
Methylene Chloride	ug/L	ND	5.0	02/16/24 11:51	
n-Butylbenzene	ug/L	ND	5.0	02/16/24 11:51	
n-Hexane	ug/L	ND	5.0	02/16/24 11:51	
n-Propylbenzene	ug/L	ND	5.0	02/16/24 11:51	
Naphthalene	ug/L	ND	1.2	02/16/24 11:51	
p-Isopropyltoluene	ug/L	ND	5.0	02/16/24 11:51	
sec-Butylbenzene	ug/L	ND	5.0	02/16/24 11:51	
Styrene	ug/L	ND	5.0	02/16/24 11:51	
tert-Butylbenzene	ug/L	ND	5.0	02/16/24 11:51	
Tetrachloroethene	ug/L	ND	5.0	02/16/24 11:51	
Toluene	ug/L	ND	5.0	02/16/24 11:51	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/16/24 11:51	
trans-1,3-Dichloropropene	ug/L	ND	5.0	02/16/24 11:51	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	02/16/24 11:51	
Trichloroethene	ug/L	ND	5.0	02/16/24 11:51	
Trichlorofluoromethane	ug/L	ND	5.0	02/16/24 11:51	
Vinyl acetate	ug/L	ND	50.0	02/16/24 11:51	
Vinyl chloride	ug/L	ND	2.0	02/16/24 11:51	
Xylene (Total)	ug/L	ND	10.0	02/16/24 11:51	
4-Bromofluorobenzene (S)	%.	102	79-124	02/16/24 11:51	
Dibromofluoromethane (S)	%.	111	82-128	02/16/24 11:51	1d
Toluene-d8 (S)	%.	91	73-122	02/16/24 11:51	

LABORATORY CONTROL SAMPLE: 3553960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.4	107	81-130	
1,1,1-Trichloroethane	ug/L	50	61.4	123	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	70-126	
1,1,2-Trichloroethane	ug/L	50	53.9	108	79-124	
1,1-Dichloroethane	ug/L	50	57.0	114	76-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

LABORATORY CONTROL SAMPLE: 3553960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	63.7	127	73-133	
1,1-Dichloropropene	ug/L	50	62.1	124	78-144	
1,2,3-Trichlorobenzene	ug/L	50	53.4	107	72-138	
1,2,3-Trichloropropane	ug/L	50	48.2	96	75-121	
1,2,4-Trichlorobenzene	ug/L	50	53.9	108	71-138	
1,2,4-Trimethylbenzene	ug/L	50	47.4	95	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	80-126	
1,2-Dichlorobenzene	ug/L	50	51.3	103	79-123	
1,2-Dichloroethane	ug/L	50	61.3	123	70-124	
1,2-Dichloropropane	ug/L	50	58.2	116	74-128	
1,3,5-Trimethylbenzene	ug/L	50	46.1	92	71-124	
1,3-Dichlorobenzene	ug/L	50	48.8	98	77-124	
1,3-Dichloropropane	ug/L	50	54.7	109	77-126	
1,4-Dichlorobenzene	ug/L	50	51.4	103	77-120	
1-Methylnaphthalene	ug/L	50	47.7	95	49-175	
2,2-Dichloropropane	ug/L	50	62.1	124	65-136	
2-Butanone (MEK)	ug/L	250	274	110	59-134	
2-Chlorotoluene	ug/L	50	45.6	91	74-121	
2-Hexanone	ug/L	250	261	105	63-134	
2-Methylnaphthalene	ug/L	50	46.3	93	52-170	
4-Chlorotoluene	ug/L	50	48.2	96	78-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	262	105	67-133	
Acetone	ug/L	250	252	101	32-133	
Acrolein	ug/L	1000	1140	114	35-166	
Acrylonitrile	ug/L	250	287	115	69-137	
Benzene	ug/L	50	59.2	118	74-124	
Bromobenzene	ug/L	50	51.2	102	76-122	
Bromochloromethane	ug/L	50	56.6	113	66-127	
Bromodichloromethane	ug/L	50	63.1	126	80-126	
Bromoform	ug/L	50	46.9	94	75-128	
Bromomethane	ug/L	50	47.5	95	10-183	
Carbon disulfide	ug/L	50	58.1	116	68-123	
Carbon tetrachloride	ug/L	50	60.4	121	78-132	
Chlorobenzene	ug/L	50	52.5	105	77-121	
Chloroethane	ug/L	50	60.9	122	43-140	
Chloroform	ug/L	50	58.1	116	75-118	
Chloromethane	ug/L	50	51.6	103	45-130	
cis-1,2-Dichloroethene	ug/L	50	58.2	116	76-125	
cis-1,3-Dichloropropene	ug/L	50	48.7	97	76-132	
Dibromochloromethane	ug/L	50	55.0	110	79-130	
Dibromomethane	ug/L	50	61.5	123	79-124	
Dichlorodifluoromethane	ug/L	50	56.6	113	10-124	
Ethyl methacrylate	ug/L	50	56.9J	114	73-137	
Ethylbenzene	ug/L	50	52.2	104	74-125	
Hexachloro-1,3-butadiene	ug/L	50	52.9	106	66-141	
Iodomethane	ug/L	50	58.6	117	10-160	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	75-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

LABORATORY CONTROL SAMPLE: 3553960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	62.8	126	74-129	
Methylene Chloride	ug/L	50	52.2	104	77-126	
n-Butylbenzene	ug/L	50	47.1	94	72-131	
n-Hexane	ug/L	50	47.9	96	58-131	
n-Propylbenzene	ug/L	50	45.0	90	76-127	
Naphthalene	ug/L	50	52.1	104	70-132	
p-Isopropyltoluene	ug/L	50	48.9	98	76-126	
sec-Butylbenzene	ug/L	50	47.2	94	76-129	
Styrene	ug/L	50	54.0	108	81-129	
tert-Butylbenzene	ug/L	50	41.5	83	76-129	
Tetrachloroethene	ug/L	50	54.9	110	73-132	
Toluene	ug/L	50	49.8	100	72-119	
trans-1,2-Dichloroethene	ug/L	50	58.7	117	74-125	
trans-1,3-Dichloropropene	ug/L	50	48.9	98	75-132	
trans-1,4-Dichloro-2-butene	ug/L	50	50.1J	100	66-152	
Trichloroethene	ug/L	50	57.3	115	75-127	
Trichlorofluoromethane	ug/L	50	61.6	123	64-136	
Vinyl acetate	ug/L	200	261	130	62-159	
Vinyl chloride	ug/L	50	59.9	120	48-133	
Xylene (Total)	ug/L	150	156	104	73-123	
4-Bromofluorobenzene (S)	%.			103	79-124	
Dibromofluoromethane (S)	%.			105	82-128	
Toluene-d8 (S)	%.			92	73-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneerrs M13071
Pace Project No.: 50366071

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50366071001	**SB2222**	EPA 8260	775975		
50366071001	**SB2222**	EPA 5030/8260	776377		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50366071

50366071

Company Name:	Mundell & Associates	Contact/Report To:	Luis Gonzalez
Street Address:	110 South Downey Ave, Indianapolis, IN 46219	Phone #:	(317)630-9060
		E-Mail:	lgonzalez@mundellassociates.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Indiana Veneers M13071	Invoice To:	Accounts Payable
		Invoice E-Mail:	accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: ASAP

Field Filtered (if applicable): [ ] Yes [X] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	VOC-8260/5030 F.L. VOCs	Sample Comment
SB2222	GW	G			2/16/24	1200	3			X	No Preserv.

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Olivia Deck**
AcctNum / Client ID:
Table #:
Profile / Template: **3181-1,2**
Prelog / Bottle Ord. ID: **EZ 3068869**

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:
DI Terracores must be frozen in the lab within 48hrs of collection.

Collected By:
(Printed Name) Luis Gonzalez
Signature:

Customer Remarks / Special Conditions / Possible Hazards:
No HCl Preserv. in Samples

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	G	0.0	3.1	3.1	

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	2-16-24		2-16-24 14:45	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: RC 2-16-24 14:46

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____

2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**

3. **Thermometer:** 1 2 3 4 5 6 7 8 A B C D E F G H

4. **Cooler Temperature(s):** 3.1/3.1 | | | |

(Initial/Corrected) **RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)**

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			
Short Hold Time Analysis (48 hours or less)? Analysis:		✓				✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			Present	Absent	N/A ✓
Rush TAT Requested (4 days or less): 1 day	✓		Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Custody Signatures Present?	✓		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Containers Intact?:	✓		Headspace Wisconsin Sulfide?			✓
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present ✓	Absent	No VOA Vials Sent
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?		✓	
			Trip Blank Custody Seals?:			✓

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS >6mm	VG9U	DG9U	VG9T	AMBER GLASS AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER CG3H	CG3F	Syringe Kit		Matrix
1					3/3																								WT
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
Red	Yellow	Green	Black
HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 21, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers M13071
Pace Project No.: 50366176

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 19, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers M13071
Pace Project No.: 50366176

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers M13071
Pace Project No.: 50366176

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50366176001	**SB-3**	Solid	02/19/24 14:20	02/19/24 15:00

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SAMPLE ANALYTE COUNT

Project: Indiana Veneers M13071
Pace Project No.: 50366176

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50366176001	**SB-3**	EPA 8260	TMW	12	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers M13071
Pace Project No.: 50366176

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50366176001	**SB-3**					
EPA 8260	Tetrachloroethene	87.0	ug/kg	46.2	02/20/24 13:29	
EPA 8260	Trichloroethene	369	ug/kg	46.2	02/20/24 13:29	
SM 2540G	Percent Moisture	86.5	%	0.10	02/20/24 14:01	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366176

Sample: SB-3 **Lab ID: 50366176001** Collected: 02/19/24 14:20 Received: 02/19/24 15:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	46.2	1		02/20/24 13:29	75-00-3	
1,1-Dichloroethane	ND	ug/kg	46.2	1		02/20/24 13:29	75-34-3	
1,1-Dichloroethene	ND	ug/kg	46.2	1		02/20/24 13:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	46.2	1		02/20/24 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	46.2	1		02/20/24 13:29	156-60-5	
Tetrachloroethene	**87.0**	ug/kg	46.2	1		02/20/24 13:29	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	46.2	1		02/20/24 13:29	71-55-6	
Trichloroethene	**369**	ug/kg	46.2	1		02/20/24 13:29	79-01-6	
Vinyl chloride	ND	ug/kg	46.2	1		02/20/24 13:29	75-01-4	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-135	1		02/20/24 13:29	1868-53-7	
Toluene-d8 (S)	100	%.	65-148	1		02/20/24 13:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	63-132	1		02/20/24 13:29	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**86.5**	%	0.10	1		02/20/24 14:01		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366176

QC Batch: 776414
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50366176001

METHOD BLANK: 3554150 Matrix: Solid
Associated Lab Samples: 50366176001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	ND	5.0	02/20/24 12:59	
1,1-Dichloroethane	ug/kg	ND	5.0	02/20/24 12:59	
1,1-Dichloroethene	ug/kg	ND	5.0	02/20/24 12:59	
Chloroethane	ug/kg	ND	5.0	02/20/24 12:59	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	02/20/24 12:59	
Tetrachloroethene	ug/kg	ND	5.0	02/20/24 12:59	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	02/20/24 12:59	
Trichloroethene	ug/kg	ND	5.0	02/20/24 12:59	
Vinyl chloride	ug/kg	ND	5.0	02/20/24 12:59	
4-Bromofluorobenzene (S)	%.	99	63-132	02/20/24 12:59	
Dibromofluoromethane (S)	%.	103	75-135	02/20/24 12:59	1d
Toluene-d8 (S)	%.	98	65-148	02/20/24 12:59	

LABORATORY CONTROL SAMPLE: 3554151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	.048J	97	66-133	
1,1-Dichloroethane	ug/kg	50	46.1	92	67-128	
1,1-Dichloroethene	ug/kg	50	53.5	107	65-138	
Chloroethane	ug/kg	50	60.0	120	64-136	
cis-1,2-Dichloroethene	ug/kg	50	47.8	96	64-131	
Tetrachloroethene	ug/kg	50	47.6	95	62-135	
trans-1,2-Dichloroethene	ug/kg	50	47.2	94	63-131	
Trichloroethene	ug/kg	50	47.8	96	64-135	
Vinyl chloride	ug/kg	50	52.6	105	54-134	
4-Bromofluorobenzene (S)	%.			97	63-132	
Dibromofluoromethane (S)	%.			99	75-135	
Toluene-d8 (S)	%.			100	65-148	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366176

QC Batch: 776358
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50366176001

SAMPLE DUPLICATE: 3553864

Parameter	Units	50365324012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.1	17.6	8	10	N2

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers M13071
Pace Project No.: 50366176

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers M13071
Pace Project No.: 50366176

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50366176001	**SB-3**	EPA 8260	776414		
50366176001	**SB-3**	SM 2540G	776358		

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50366176
50366176

Company Name:	Mundell & Associates	Contact/Report To:	Luis Gonzalez
Street Address:	110 South Downey Ave, Indianapolis, IN 46219	Phone #:	(317)630-9060
		E-Mail:	lgonzalez@mundellassociates.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Indiana Veneers M13071	Invoice To:	Accounts Payable
		Invoice E-Mail:	accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Indiana

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [X] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other ______

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [X] No

Analysis:

Specify Container Size ** — ** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) ..., (5) ..., (6) ... vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type*** — *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Lab Use Only: Proj. Mgr.: Olivia Deck; AcctNum / Client ID: ; Table #: ; Profile / Template: 3181-1,2; Prelog / Bottle Ord. ID: EZ 3068869

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW) Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	~~VOC 8260/5030~~	Full list 8260 voc	Sample Comment	Preservation non-conformance identified for sample.
SB-3	GW	G			2-19-24	1420	7			~~X~~	X		

Additional Instructions from Pace®:
DI Terracores must be frozen in the lab within 48hrs of collection.

Collected By: (Printed Name) Andy Miller
Signature: [signature]

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers	Thermometer ID	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice
1	C	+0.1	3.8	3.9	Y

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
[signature]	2/19/24 1500	[signature]	2/19/24 1500

Tracking Number:

Delivered by: [✓] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

F-IN-Q-290-rev.23, 26Jun2023

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 2-19-24 15:48 MW

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____

2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**

3. **Thermometer:** 1 2 3 4 5 6 7 8 A B (C) D E F G H

4. **Cooler Temperature(s):** 3.8/3.9 | | | |
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** DI TC	✓					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 15:51			Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Rush TAT Requested (4 days or less): 1 day	✓		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Custody Signatures Present?	✓		Headspace Wisconsin Sulfide?			✓
Containers Intact?:	✓		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent ✓	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Present?		✓	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:			✓

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a RED dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER								
			MeOH (only)																													
			SBS																													
			DI																													
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1			H																								SL				
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 21, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers M13071
Pace Project No.: 50366183

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 19, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50366183001	**SB-3**	Water	02/19/24 14:20	02/19/24 15:00

Pace Analytical Services, LLC
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(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50366183001	**SB-3**	EPA 5030/8260	TMW	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50366183001	**SB-3**					
EPA 5030/8260	Chloroform	5.5	ug/L	5.0	02/21/24 10:39	
EPA 5030/8260	Trichloroethene	14.7	ug/L	5.0	02/21/24 10:39	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Sample: SB-3 **Lab ID: 50366183001** Collected: 02/19/24 14:20 Received: 02/19/24 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/21/24 10:39	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/21/24 10:39	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/21/24 10:39	107-13-1	
Benzene	ND	ug/L	5.0	1		02/21/24 10:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/21/24 10:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/21/24 10:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		02/21/24 10:39	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/21/24 10:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/21/24 10:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/21/24 10:39	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/21/24 10:39	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/21/24 10:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/21/24 10:39	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/21/24 10:39	75-00-3	
Chloroform	**5.5**	ug/L	5.0	1		02/21/24 10:39	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/21/24 10:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/21/24 10:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/21/24 10:39	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/21/24 10:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/21/24 10:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/21/24 10:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/21/24 10:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/21/24 10:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/21/24 10:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/21/24 10:39	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/21/24 10:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/21/24 10:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/21/24 10:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/21/24 10:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/21/24 10:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/21/24 10:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/21/24 10:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/21/24 10:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/21/24 10:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/21/24 10:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/21/24 10:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/21/24 10:39	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/21/24 10:39	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/21/24 10:39	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/21/24 10:39	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/21/24 10:39	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/21/24 10:39	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Sample: SB-3 **Lab ID: 50366183001** Collected: 02/19/24 14:20 Received: 02/19/24 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/21/24 10:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/21/24 10:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/21/24 10:39	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/21/24 10:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/21/24 10:39	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/21/24 10:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/21/24 10:39	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/21/24 10:39	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	103-65-1	
Styrene	ND	ug/L	5.0	1		02/21/24 10:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/21/24 10:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/21/24 10:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/21/24 10:39	127-18-4	
Toluene	ND	ug/L	5.0	1		02/21/24 10:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/21/24 10:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/21/24 10:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/21/24 10:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/21/24 10:39	79-00-5	
Trichloroethene	**14.7**	ug/L	5.0	1		02/21/24 10:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/21/24 10:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/21/24 10:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/21/24 10:39	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/21/24 10:39	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/21/24 10:39	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/21/24 10:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		02/21/24 10:39	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	79-124	1		02/21/24 10:39	460-00-4	
Toluene-d8 (S)	98	%.	73-122	1		02/21/24 10:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366183

QC Batch: 776422
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50366183001

METHOD BLANK: 3554173 Matrix: Water
Associated Lab Samples: 50366183001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1,1-Trichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1,2-Trichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1-Dichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1-Dichloroethene	ug/L	ND	5.0	02/21/24 01:32	
1,1-Dichloropropene	ug/L	ND	5.0	02/21/24 01:32	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2,3-Trichloropropane	ug/L	ND	5.0	02/21/24 01:32	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dichloropropane	ug/L	ND	5.0	02/21/24 01:32	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	02/21/24 01:32	
1,3-Dichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,3-Dichloropropane	ug/L	ND	5.0	02/21/24 01:32	
1,4-Dichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1-Methylnaphthalene	ug/L	ND	10.0	02/21/24 01:32	
2,2-Dichloropropane	ug/L	ND	5.0	02/21/24 01:32	
2-Butanone (MEK)	ug/L	ND	25.0	02/21/24 01:32	
2-Chlorotoluene	ug/L	ND	5.0	02/21/24 01:32	
2-Hexanone	ug/L	ND	25.0	02/21/24 01:32	
2-Methylnaphthalene	ug/L	ND	10.0	02/21/24 01:32	
4-Chlorotoluene	ug/L	ND	5.0	02/21/24 01:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	02/21/24 01:32	
Acetone	ug/L	ND	100	02/21/24 01:32	
Acrolein	ug/L	ND	50.0	02/21/24 01:32	
Acrylonitrile	ug/L	ND	100	02/21/24 01:32	
Benzene	ug/L	ND	5.0	02/21/24 01:32	
Bromobenzene	ug/L	ND	5.0	02/21/24 01:32	
Bromochloromethane	ug/L	ND	5.0	02/21/24 01:32	
Bromodichloromethane	ug/L	ND	5.0	02/21/24 01:32	
Bromoform	ug/L	ND	5.0	02/21/24 01:32	
Bromomethane	ug/L	ND	5.0	02/21/24 01:32	
Carbon disulfide	ug/L	ND	10.0	02/21/24 01:32	
Carbon tetrachloride	ug/L	ND	5.0	02/21/24 01:32	
Chlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
Chloroethane	ug/L	ND	5.0	02/21/24 01:32	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366183

METHOD BLANK: 3554173 Matrix: Water
Associated Lab Samples: 50366183001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	02/21/24 01:32	
Chloromethane	ug/L	ND	5.0	02/21/24 01:32	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/21/24 01:32	
cis-1,3-Dichloropropene	ug/L	ND	5.0	02/21/24 01:32	
Dibromochloromethane	ug/L	ND	5.0	02/21/24 01:32	
Dibromomethane	ug/L	ND	5.0	02/21/24 01:32	
Dichlorodifluoromethane	ug/L	ND	5.0	02/21/24 01:32	
Ethyl methacrylate	ug/L	ND	100	02/21/24 01:32	
Ethylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	02/21/24 01:32	
Iodomethane	ug/L	ND	10.0	02/21/24 01:32	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	02/21/24 01:32	
Methyl-tert-butyl ether	ug/L	ND	4.0	02/21/24 01:32	
Methylene Chloride	ug/L	ND	5.0	02/21/24 01:32	
n-Butylbenzene	ug/L	ND	5.0	02/21/24 01:32	
n-Hexane	ug/L	ND	5.0	02/21/24 01:32	
n-Propylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Naphthalene	ug/L	ND	1.2	02/21/24 01:32	
p-Isopropyltoluene	ug/L	ND	5.0	02/21/24 01:32	
sec-Butylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Styrene	ug/L	ND	5.0	02/21/24 01:32	
tert-Butylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Tetrachloroethene	ug/L	ND	5.0	02/21/24 01:32	
Toluene	ug/L	ND	5.0	02/21/24 01:32	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/21/24 01:32	
trans-1,3-Dichloropropene	ug/L	ND	5.0	02/21/24 01:32	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	02/21/24 01:32	
Trichloroethene	ug/L	ND	5.0	02/21/24 01:32	
Trichlorofluoromethane	ug/L	ND	5.0	02/21/24 01:32	
Vinyl acetate	ug/L	ND	50.0	02/21/24 01:32	
Vinyl chloride	ug/L	ND	2.0	02/21/24 01:32	
Xylene (Total)	ug/L	ND	10.0	02/21/24 01:32	
4-Bromofluorobenzene (S)	%.	100	79-124	02/21/24 01:32	
Dibromofluoromethane (S)	%.	102	82-128	02/21/24 01:32	
Toluene-d8 (S)	%.	98	73-122	02/21/24 01:32	

LABORATORY CONTROL SAMPLE: 3554174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.2	92	81-130	
1,1,1-Trichloroethane	ug/L	50	46.2	92	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	43.9	88	70-126	
1,1,2-Trichloroethane	ug/L	50	44.9	90	79-124	
1,1-Dichloroethane	ug/L	50	45.7	91	76-123	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366183

LABORATORY CONTROL SAMPLE: 3554174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	52.0	104	73-133	
1,1-Dichloropropene	ug/L	50	48.8	98	78-144	
1,2,3-Trichlorobenzene	ug/L	50	42.2	84	72-138	
1,2,3-Trichloropropane	ug/L	50	42.3	85	75-121	
1,2,4-Trichlorobenzene	ug/L	50	38.0	76	71-138	
1,2,4-Trimethylbenzene	ug/L	50	43.1	86	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	43.3	87	80-126	
1,2-Dichlorobenzene	ug/L	50	45.0	90	79-123	
1,2-Dichloroethane	ug/L	50	45.0	90	70-124	
1,2-Dichloropropane	ug/L	50	45.5	91	74-128	
1,3,5-Trimethylbenzene	ug/L	50	44.5	89	71-124	
1,3-Dichlorobenzene	ug/L	50	43.6	87	77-124	
1,3-Dichloropropane	ug/L	50	46.0	92	77-126	
1,4-Dichlorobenzene	ug/L	50	44.1	88	77-120	
1-Methylnaphthalene	ug/L	50	40.4	81	49-175	
2,2-Dichloropropane	ug/L	50	41.5	83	65-136	
2-Butanone (MEK)	ug/L	250	221	89	59-134	
2-Chlorotoluene	ug/L	50	43.5	87	74-121	
2-Hexanone	ug/L	250	209	84	63-134	
2-Methylnaphthalene	ug/L	50	38.2	76	52-170	
4-Chlorotoluene	ug/L	50	43.7	87	78-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	215	86	67-133	
Acetone	ug/L	250	241	97	32-133	
Acrolein	ug/L	1000	788	79	35-166	
Acrylonitrile	ug/L	250	215	86	69-137	
Benzene	ug/L	50	44.9	90	74-124	
Bromobenzene	ug/L	50	43.6	87	76-122	
Bromochloromethane	ug/L	50	43.0	86	66-127	
Bromodichloromethane	ug/L	50	47.3	95	80-126	
Bromoform	ug/L	50	44.6	89	75-128	
Bromomethane	ug/L	50	73.3	147	10-183	
Carbon disulfide	ug/L	50	50.3	101	68-123	
Carbon tetrachloride	ug/L	50	46.0	92	78-132	
Chlorobenzene	ug/L	50	45.3	91	77-121	
Chloroethane	ug/L	50	49.7	99	43-140	
Chloroform	ug/L	50	48.0	96	75-118	
Chloromethane	ug/L	50	42.8	86	45-130	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	76-125	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	76-132	
Dibromochloromethane	ug/L	50	47.0	94	79-130	
Dibromomethane	ug/L	50	46.9	94	79-124	
Dichlorodifluoromethane	ug/L	50	35.0	70	10-124	
Ethyl methacrylate	ug/L	50	46.2J	92	73-137	
Ethylbenzene	ug/L	50	45.3	91	74-125	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	66-141	
Iodomethane	ug/L	50	43.6	87	10-160	
Isopropylbenzene (Cumene)	ug/L	50	47.8	96	75-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366183

LABORATORY CONTROL SAMPLE: 3554174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	42.6	85	74-129	
Methylene Chloride	ug/L	50	44.1	88	77-126	
n-Butylbenzene	ug/L	50	45.1	90	72-131	
n-Hexane	ug/L	50	42.0	84	58-131	
n-Propylbenzene	ug/L	50	46.2	92	76-127	
Naphthalene	ug/L	50	44.0	88	70-132	
p-Isopropyltoluene	ug/L	50	44.8	90	76-126	
sec-Butylbenzene	ug/L	50	46.9	94	76-129	
Styrene	ug/L	50	46.8	94	81-129	
tert-Butylbenzene	ug/L	50	45.1	90	76-129	
Tetrachloroethene	ug/L	50	44.0	88	73-132	
Toluene	ug/L	50	46.2	92	72-119	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	74-125	
trans-1,3-Dichloropropene	ug/L	50	42.9	86	75-132	
trans-1,4-Dichloro-2-butene	ug/L	50	38.8J	78	66-152	
Trichloroethene	ug/L	50	45.6	91	75-127	
Trichlorofluoromethane	ug/L	50	47.7	95	64-136	
Vinyl acetate	ug/L	200	185	92	62-159	
Vinyl chloride	ug/L	50	45.5	91	48-133	
Xylene (Total)	ug/L	150	134	89	73-123	
4-Bromofluorobenzene (S)	%.			100	79-124	
Dibromofluoromethane (S)	%.			101	82-128	
Toluene-d8 (S)	%.			99	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554175 3554176

Parameter	Units	50366086032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	51.2	51.4	102	103	60-150	0	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	51.4	51.5	103	103	63-138	0	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	50.4	50.8	101	102	58-146	1	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	50.8	50.7	102	101	63-142	0	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.3	50.7	101	101	64-138	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	58.2	57.9	116	116	65-139	0	20	
1,1-Dichloropropene	ug/L	ND	50	50	54.0	54.1	108	108	68-155	0	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	45.2	45.1	90	90	32-141	0	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	48.5	48.8	97	98	54-144	1	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	40.7	40.2	81	80	31-140	1	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	46.5	46.7	93	93	34-144	0	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	48.8	48.3	98	97	64-139	1	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	49.6	49.9	99	100	50-136	1	20	
1,2-Dichloroethane	ug/L	ND	50	50	51.8	51.4	104	103	55-146	1	20	
1,2-Dichloropropane	ug/L	ND	50	50	50.9	51.0	102	102	66-134	0	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	48.6	49.0	97	98	29-151	1	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	47.5	47.5	95	95	47-133	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366183

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554175 3554176

Parameter	Units	50366086032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichloropropane	ug/L	ND	50	50	52.1	51.6	104	103	61-144	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	48.0	47.4	96	95	50-131	1	20	
1-Methylnaphthalene	ug/L	ND	50	50	43.0	41.4	86	83	20-176	4	20	
2,2-Dichloropropane	ug/L	ND	50	50	43.7	44.3	87	89	33-146	1	20	
2-Butanone (MEK)	ug/L	ND	250	250	258	247	103	99	45-155	4	20	
2-Chlorotoluene	ug/L	ND	50	50	47.1	48.1	94	96	43-142	2	20	
2-Hexanone	ug/L	ND	250	250	247	237	99	95	48-157	4	20	
2-Methylnaphthalene	ug/L	ND	50	50	40.5	39.7	81	79	21-175	2	20	
4-Chlorotoluene	ug/L	ND	50	50	47.5	47.8	95	96	47-137	1	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	250	242	100	97	53-156	3	20	
Acetone	ug/L	ND	250	250	293	284	117	114	16-162	3	20	
Acrolein	ug/L	ND	1000	1000	860	836	86	84	39-184	3	20	
Acrylonitrile	ug/L	ND	250	250	243	239	97	96	58-140	2	20	
Benzene	ug/L	ND	50	50	50.1	50.2	100	100	65-137	0	20	
Bromobenzene	ug/L	ND	50	50	50.8	48.5	102	97	56-137	5	20	
Bromochloromethane	ug/L	ND	50	50	50.2	49.3	100	99	56-139	2	20	
Bromodichloromethane	ug/L	ND	50	50	54.0	53.9	108	108	61-149	0	20	
Bromoform	ug/L	ND	50	50	50.1	50.9	100	102	51-138	1	20	
Bromomethane	ug/L	ND	50	50	85.7	82.5	171	165	10-169	4	20	M1
Carbon disulfide	ug/L	ND	50	50	54.6	53.7	109	107	55-126	2	20	
Carbon tetrachloride	ug/L	ND	50	50	50.8	51.3	102	103	65-156	1	20	
Chlorobenzene	ug/L	ND	50	50	50.1	49.8	100	100	54-135	1	20	
Chloroethane	ug/L	ND	50	50	55.9	55.5	112	111	46-142	1	20	
Chloroform	ug/L	ND	50	50	53.8	54.0	108	108	64-133	0	20	
Chloromethane	ug/L	ND	50	50	46.3	46.5	93	93	30-139	0	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	51.9	52.0	103	103	59-141	0	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	46.9	47.2	94	94	57-141	1	20	
Dibromochloromethane	ug/L	ND	50	50	52.7	52.6	105	105	59-147	0	20	
Dibromomethane	ug/L	ND	50	50	53.8	53.8	108	108	64-142	0	20	
Dichlorodifluoromethane	ug/L	ND	50	50	38.0	38.0	76	76	10-144	0	20	
Ethyl methacrylate	ug/L	ND	50	50	51.6J	51.8J	103	104	58-147		20	
Ethylbenzene	ug/L	ND	50	50	50.5	49.9	101	100	50-143	1	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	44.4	44.6	89	89	16-155	0	20	
Iodomethane	ug/L	ND	50	50	45.0	49.0	90	98	10-154	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	52.6	52.3	105	105	36-151	0	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	46.8	47.0	94	94	66-138	0	20	
Methylene Chloride	ug/L	ND	50	50	47.6	47.7	93	93	53-126	0	20	
n-Butylbenzene	ug/L	ND	50	50	47.9	47.9	96	96	31-142	0	20	
n-Hexane	ug/L	ND	50	50	45.7	46.2	91	92	53-129	1	20	
n-Propylbenzene	ug/L	ND	50	50	50.2	50.4	100	101	39-145	0	20	
Naphthalene	ug/L	ND	50	50	48.8	48.7	98	97	51-135	0	20	
p-Isopropyltoluene	ug/L	ND	50	50	48.1	48.8	96	98	38-145	1	20	
sec-Butylbenzene	ug/L	ND	50	50	51.1	51.9	102	104	33-153	2	20	
Styrene	ug/L	ND	50	50	52.0	51.6	104	103	57-141	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366183

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3554175			3554176							
Parameter	Units	50366086032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butylbenzene	ug/L	ND	50	50	49.4	49.9	99	100	45-145	1	20	
Tetrachloroethene	ug/L	ND	50	50	48.3	47.6	97	95	43-149	1	20	
Toluene	ug/L	ND	50	50	51.3	50.9	103	102	57-137	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.5	49.5	99	99	63-133	0	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	45.3	45.2	91	90	56-140	0	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	43J	43.2J	86	86	36-169		20	
Trichloroethene	ug/L	45.1	50	50	87.4	87.7	85	85	52-145	0	20	
Trichlorofluoromethane	ug/L	ND	50	50	54.0	53.7	108	107	52-144	1	20	
Vinyl acetate	ug/L	ND	200	200	166	164	83	82	27-179	2	20	
Vinyl chloride	ug/L	ND	50	50	50.7	50.8	101	102	43-139	0	20	
Xylene (Total)	ug/L	ND	150	150	147	148	98	99	52-137	0	20	
4-Bromofluorobenzene (S)	%.						100	99	79-124			
Dibromofluoromethane (S)	%.						102	101	82-128			
Toluene-d8 (S)	%.						99	98	73-122			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers M13071
Pace Project No.: 50366183

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers M13071
Pace Project No.: 50366183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50366183001	**SB-3**	EPA 5030/8260	776422		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50366168

50366168

Company Name:	Mundell & Associates
Street Address:	110 South Downey Ave, Indianapolis, IN 46219
Contact/Report To:	Luis Gonzalez
Phone #:	(317)630-9060
E-Mail:	lgonzalez@mundellassociates.com
Cc E-Mail:	
Customer Project #:	
Project Name:	Indiana Veneers M13071
Invoice To:	Accounts Payable
Invoice E-Mail:	accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):	
Purchase Order # (if applicable):	
Quote #:	
County / State origin of sample(s):	Indiana

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [X] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other ______

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [X] No

Analysis:

Specify Container Size **: (1) ... 500mL, (3) 250mL, (4) ... vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***: *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested: ~~VOC 8260 5030~~ ; Full list 8260 voc

Lab Use Only: Proj. Mgr: **Olivia Deck**; AcctNum / Client ID: ; Table #: ; Profile / Template: **3181-1,2**; Prelog / Bottle Ord. ID: **EZ 3068869**

Preservation non-conformance identified for sample

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	~~VOC 8260 5030~~	Full list 8260 voc	Sample Comment
SB-3	GW	G			2-19-24	1420	7			~~X~~	X	

Additional Instructions from Pace®:
DI Terracores must be frozen in the lab within 48hrs of collection.

Collected By: (Printed Name) Andy Miller

Signature: [signature]

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers	Thermometer ID	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice
1	C	+0.1	3.8	3.9	Y

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
[signature]	2/19/24 1500	Matt [signature]	2/19/24 1500

Tracking Number:

Delivered by: [✓] In Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: of

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 2/19/24 1548 MW

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____

2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**

3. **Thermometer:** 1 2 3 4 5 6 7 8 A B (C) D E F G H

4. **Cooler Temperature(s):** 3.3 | 3.9 | | | |

(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** ~~DHG~~ 2-19-24 CAR	✓ 2-19-24 CAR	✓				
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: ~~1551~~ 1620			Present	Absent	N/A
Rush TAT Requested (4 days or less): 1 day	✓		Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Custody Signatures Present?	✓		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Containers Intact?:	✓		Headspace Wisconsin Sulfide?		✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent ✓	No VOA Vials Sent
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?		✓	
			Trip Blank Custody Seals?:			✓

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a RED dot on containers that are out of conformance **

			MeOH (only) / SBS / DI / R	AMBER GLASS												PLASTIC										OTHER						Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
COC Line Item	WGFU	WGKU BG1U		DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Matrix							
1				3																								SL						
2																																		
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 29, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers
Pace Project No.: 50366667

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 23, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers
Pace Project No.: 50366667

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers
Pace Project No.: 50366667

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50366667001	**SB-3**	Water	02/23/24 10:00	02/23/24 23:07
50366667002	**SB-6**	Water	02/23/24 10:10	02/23/24 23:07
50366667003	**SB-3**	Solid	02/23/24 10:20	02/23/24 23:07
50366667004	**Dup**	Water	02/23/24 08:00	02/23/24 23:07
50366667005	**Dup**	Solid	02/23/24 08:00	02/23/24 23:07

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneers
Pace Project No.: 50366667

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50366667001	**SB-3**	EPA 5030/8260	TMW	75	PASI-I
50366667002	**SB-6**	EPA 5030/8260	TMW	75	PASI-I
50366667003	**SB-3**	EPA 8260	TMW	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50366667004	**Dup**	EPA 5030/8260	TMW	75	PASI-I
50366667005	**Dup**	EPA 8260	TMW	73	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers
Pace Project No.: 50366667

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50366667001	**SB-3**					
EPA 5030/8260	Chloroform	10.6	ug/L	5.0	02/27/24 20:08	
EPA 5030/8260	Trichloroethene	37.0	ug/L	5.0	02/27/24 20:08	
50366667002	**SB-6**					
EPA 5030/8260	Chloroform	12.4	ug/L	5.0	02/27/24 20:38	
EPA 5030/8260	Trichloroethene	32.0	ug/L	5.0	02/27/24 20:38	
50366667003	**SB-3**					
EPA 8260	Chloroform	40.5	ug/kg	21.2	02/26/24 19:39	
EPA 8260	Tetrachloroethene	108	ug/kg	21.2	02/26/24 19:39	
EPA 8260	Trichloroethene	554	ug/kg	21.2	02/26/24 19:39	
SM 2540G	Percent Moisture	79.1	%	0.10	02/28/24 14:40	N2
50366667004	**Dup**					
EPA 5030/8260	Chloroform	11.6	ug/L	5.0	02/27/24 21:09	
EPA 5030/8260	Trichloroethene	29.6	ug/L	5.0	02/27/24 21:09	
50366667005	**Dup**					
EPA 8260	Chloroform	18.5	ug/kg	15.3	02/26/24 20:40	
EPA 8260	Tetrachloroethene	55.5	ug/kg	15.3	02/26/24 20:40	
EPA 8260	Trichloroethene	311	ug/kg	15.3	02/26/24 20:40	
SM 2540G	Percent Moisture	62.8	%	0.10	02/28/24 14:40	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: SB-3 **Lab ID: 50366667001** Collected: 02/23/24 10:00 Received: 02/23/24 23:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/27/24 20:08	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/27/24 20:08	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/27/24 20:08	107-13-1	
Benzene	ND	ug/L	5.0	1		02/27/24 20:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/27/24 20:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/27/24 20:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		02/27/24 20:08	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/27/24 20:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/27/24 20:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/27/24 20:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/27/24 20:08	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/27/24 20:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/27/24 20:08	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/27/24 20:08	75-00-3	
Chloroform	**10.6**	ug/L	5.0	1		02/27/24 20:08	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/27/24 20:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/27/24 20:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/27/24 20:08	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/27/24 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/27/24 20:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/27/24 20:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/27/24 20:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/27/24 20:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/27/24 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/27/24 20:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/27/24 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/27/24 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/27/24 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/27/24 20:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/27/24 20:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/27/24 20:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/27/24 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/27/24 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/27/24 20:08	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/27/24 20:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/27/24 20:08	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/27/24 20:08	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/27/24 20:08	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/27/24 20:08	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: SB-3 **Lab ID: 50366667001** Collected: 02/23/24 10:00 Received: 02/23/24 23:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/27/24 20:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/27/24 20:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/27/24 20:08	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/27/24 20:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/27/24 20:08	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/27/24 20:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/27/24 20:08	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/27/24 20:08	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	103-65-1	
Styrene	ND	ug/L	5.0	1		02/27/24 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/27/24 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/27/24 20:08	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/27/24 20:08	127-18-4	
Toluene	ND	ug/L	5.0	1		02/27/24 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/27/24 20:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/27/24 20:08	79-00-5	
Trichloroethene	**37.0**	ug/L	5.0	1		02/27/24 20:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/27/24 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/27/24 20:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/27/24 20:08	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/27/24 20:08	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/27/24 20:08	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/27/24 20:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		02/27/24 20:08	1868-53-7	
4-Bromofluorobenzene (S)	102	%.	79-124	1		02/27/24 20:08	460-00-4	
Toluene-d8 (S)	102	%.	73-122	1		02/27/24 20:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: SB-6 **Lab ID: 50366667002** Collected: 02/23/24 10:10 Received: 02/23/24 23:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/27/24 20:38	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/27/24 20:38	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/27/24 20:38	107-13-1	
Benzene	ND	ug/L	5.0	1		02/27/24 20:38	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/27/24 20:38	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/27/24 20:38	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		02/27/24 20:38	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/27/24 20:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/27/24 20:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/27/24 20:38	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/27/24 20:38	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/27/24 20:38	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/27/24 20:38	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/27/24 20:38	75-00-3	
Chloroform	**12.4**	ug/L	5.0	1		02/27/24 20:38	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/27/24 20:38	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/27/24 20:38	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/27/24 20:38	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/27/24 20:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/27/24 20:38	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/27/24 20:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/27/24 20:38	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/27/24 20:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/27/24 20:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/27/24 20:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/27/24 20:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/27/24 20:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/27/24 20:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/27/24 20:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/27/24 20:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/27/24 20:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/27/24 20:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/27/24 20:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/27/24 20:38	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/27/24 20:38	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/27/24 20:38	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/27/24 20:38	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/27/24 20:38	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/27/24 20:38	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: SB-6 **Lab ID: 50366667002** Collected: 02/23/24 10:10 Received: 02/23/24 23:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/27/24 20:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/27/24 20:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/27/24 20:38	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/27/24 20:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/27/24 20:38	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/27/24 20:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/27/24 20:38	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/27/24 20:38	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	103-65-1	
Styrene	ND	ug/L	5.0	1		02/27/24 20:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/27/24 20:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/27/24 20:38	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/27/24 20:38	127-18-4	
Toluene	ND	ug/L	5.0	1		02/27/24 20:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/27/24 20:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/27/24 20:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/27/24 20:38	79-00-5	
Trichloroethene	**32.0**	ug/L	5.0	1		02/27/24 20:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/27/24 20:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/27/24 20:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/27/24 20:38	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/27/24 20:38	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/27/24 20:38	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/27/24 20:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		02/27/24 20:38	1868-53-7	
4-Bromofluorobenzene (S)	103	%.	79-124	1		02/27/24 20:38	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		02/27/24 20:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: SB-3 **Lab ID: 50366667003** Collected: 02/23/24 10:20 Received: 02/23/24 23:07 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/kg	423	1		02/26/24 19:39	67-64-1	
Acrolein	ND	ug/kg	423	1		02/26/24 19:39	107-02-8	
Acrylonitrile	ND	ug/kg	423	1		02/26/24 19:39	107-13-1	
Benzene	ND	ug/kg	21.2	1		02/26/24 19:39	71-43-2	
Bromobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	108-86-1	
Bromochloromethane	ND	ug/kg	21.2	1		02/26/24 19:39	74-97-5	
Bromodichloromethane	ND	ug/kg	21.2	1		02/26/24 19:39	75-27-4	
Bromoform	ND	ug/kg	21.2	1		02/26/24 19:39	75-25-2	
Bromomethane	ND	ug/kg	21.2	1		02/26/24 19:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	106	1		02/26/24 19:39	78-93-3	
n-Butylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	98-06-6	
Carbon disulfide	ND	ug/kg	42.3	1		02/26/24 19:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	21.2	1		02/26/24 19:39	56-23-5	
Chlorobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	108-90-7	
Chloroethane	ND	ug/kg	21.2	1		02/26/24 19:39	75-00-3	
Chloroform	**40.5**	ug/kg	21.2	1		02/26/24 19:39	67-66-3	
Chloromethane	ND	ug/kg	21.2	1		02/26/24 19:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	21.2	1		02/26/24 19:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	21.2	1		02/26/24 19:39	106-43-4	
Dibromochloromethane	ND	ug/kg	21.2	1		02/26/24 19:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	21.2	1		02/26/24 19:39	106-93-4	
Dibromomethane	ND	ug/kg	21.2	1		02/26/24 19:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	423	1		02/26/24 19:39	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	21.2	1		02/26/24 19:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	21.2	1		02/26/24 19:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	21.2	1		02/26/24 19:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	21.2	1		02/26/24 19:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	21.2	1		02/26/24 19:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	21.2	1		02/26/24 19:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	21.2	1		02/26/24 19:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	21.2	1		02/26/24 19:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	21.2	1		02/26/24 19:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	21.2	1		02/26/24 19:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	21.2	1		02/26/24 19:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	21.2	1		02/26/24 19:39	10061-02-6	
Ethylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	100-41-4	
Ethyl methacrylate	ND	ug/kg	423	1		02/26/24 19:39	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	21.2	1		02/26/24 19:39	87-68-3	
n-Hexane	ND	ug/kg	21.2	1		02/26/24 19:39	110-54-3	
2-Hexanone	ND	ug/kg	423	1		02/26/24 19:39	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: SB-3 **Lab ID: 50366667003** Collected: 02/23/24 10:20 Received: 02/23/24 23:07 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	ug/kg	423	1		02/26/24 19:39	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	21.2	1		02/26/24 19:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	21.2	1		02/26/24 19:39	99-87-6	
Methylene Chloride	ND	ug/kg	84.7	1		02/26/24 19:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	106	1		02/26/24 19:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	21.2	1		02/26/24 19:39	1634-04-4	
Naphthalene	ND	ug/kg	21.2	1		02/26/24 19:39	91-20-3	
n-Propylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	103-65-1	
Styrene	ND	ug/kg	21.2	1		02/26/24 19:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	21.2	1		02/26/24 19:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	21.2	1		02/26/24 19:39	79-34-5	
Tetrachloroethene	**108**	ug/kg	21.2	1		02/26/24 19:39	127-18-4	
Toluene	ND	ug/kg	21.2	1		02/26/24 19:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	21.2	1		02/26/24 19:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	21200	1		02/26/24 19:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	21.2	1		02/26/24 19:39	79-00-5	
Trichloroethene	**554**	ug/kg	21.2	1		02/26/24 19:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	21.2	1		02/26/24 19:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	21.2	1		02/26/24 19:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	21.2	1		02/26/24 19:39	108-67-8	
Vinyl acetate	ND	ug/kg	423	1		02/26/24 19:39	108-05-4	
Vinyl chloride	ND	ug/kg	21.2	1		02/26/24 19:39	75-01-4	
Xylene (Total)	ND	ug/kg	42.3	1		02/26/24 19:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-135	1		02/26/24 19:39	1868-53-7	
Toluene-d8 (S)	105	%.	65-148	1		02/26/24 19:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	63-132	1		02/26/24 19:39	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**79.1**	%	0.10	1		02/28/24 14:40		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: Dup **Lab ID: 50366667004** Collected: 02/23/24 08:00 Received: 02/23/24 23:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/27/24 21:09	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/27/24 21:09	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/27/24 21:09	107-13-1	
Benzene	ND	ug/L	5.0	1		02/27/24 21:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/27/24 21:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/27/24 21:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		02/27/24 21:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/27/24 21:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/27/24 21:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/27/24 21:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/27/24 21:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/27/24 21:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/27/24 21:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/27/24 21:09	75-00-3	
Chloroform	**11.6**	ug/L	5.0	1		02/27/24 21:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/27/24 21:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/27/24 21:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/27/24 21:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/27/24 21:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/27/24 21:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/27/24 21:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 21:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 21:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/27/24 21:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/27/24 21:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/27/24 21:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/27/24 21:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/27/24 21:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/27/24 21:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/27/24 21:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/27/24 21:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/27/24 21:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/27/24 21:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/27/24 21:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/27/24 21:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/27/24 21:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/27/24 21:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/27/24 21:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/27/24 21:09	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/27/24 21:09	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/27/24 21:09	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/27/24 21:09	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: Dup **Lab ID: 50366667004** Collected: 02/23/24 08:00 Received: 02/23/24 23:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/27/24 21:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/27/24 21:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/27/24 21:09	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/27/24 21:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/27/24 21:09	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/27/24 21:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/27/24 21:09	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/27/24 21:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	103-65-1	
Styrene	ND	ug/L	5.0	1		02/27/24 21:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/27/24 21:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/27/24 21:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/27/24 21:09	127-18-4	
Toluene	ND	ug/L	5.0	1		02/27/24 21:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/27/24 21:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/27/24 21:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/27/24 21:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/27/24 21:09	79-00-5	
Trichloroethene	**29.6**	ug/L	5.0	1		02/27/24 21:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/27/24 21:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/27/24 21:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/27/24 21:09	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/27/24 21:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/27/24 21:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/27/24 21:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		02/27/24 21:09	1868-53-7	
4-Bromofluorobenzene (S)	104	%.	79-124	1		02/27/24 21:09	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		02/27/24 21:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: Dup **Lab ID: 50366667005** Collected: 02/23/24 08:00 Received: 02/23/24 23:07 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/kg	307	1		02/26/24 20:40	67-64-1	
Acrolein	ND	ug/kg	307	1		02/26/24 20:40	107-02-8	
Acrylonitrile	ND	ug/kg	307	1		02/26/24 20:40	107-13-1	
Benzene	ND	ug/kg	15.3	1		02/26/24 20:40	71-43-2	
Bromobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	108-86-1	
Bromochloromethane	ND	ug/kg	15.3	1		02/26/24 20:40	74-97-5	
Bromodichloromethane	ND	ug/kg	15.3	1		02/26/24 20:40	75-27-4	
Bromoform	ND	ug/kg	15.3	1		02/26/24 20:40	75-25-2	
Bromomethane	ND	ug/kg	15.3	1		02/26/24 20:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	76.6	1		02/26/24 20:40	78-93-3	
n-Butylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	98-06-6	
Carbon disulfide	ND	ug/kg	30.7	1		02/26/24 20:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	15.3	1		02/26/24 20:40	56-23-5	
Chlorobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	108-90-7	
Chloroethane	ND	ug/kg	15.3	1		02/26/24 20:40	75-00-3	
Chloroform	**18.5**	ug/kg	15.3	1		02/26/24 20:40	67-66-3	
Chloromethane	ND	ug/kg	15.3	1		02/26/24 20:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	15.3	1		02/26/24 20:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	15.3	1		02/26/24 20:40	106-43-4	
Dibromochloromethane	ND	ug/kg	15.3	1		02/26/24 20:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	15.3	1		02/26/24 20:40	106-93-4	
Dibromomethane	ND	ug/kg	15.3	1		02/26/24 20:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	307	1		02/26/24 20:40	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	15.3	1		02/26/24 20:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	15.3	1		02/26/24 20:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	15.3	1		02/26/24 20:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	15.3	1		02/26/24 20:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	15.3	1		02/26/24 20:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	15.3	1		02/26/24 20:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	15.3	1		02/26/24 20:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	15.3	1		02/26/24 20:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	15.3	1		02/26/24 20:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	15.3	1		02/26/24 20:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	15.3	1		02/26/24 20:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	15.3	1		02/26/24 20:40	10061-02-6	
Ethylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	100-41-4	
Ethyl methacrylate	ND	ug/kg	307	1		02/26/24 20:40	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	15.3	1		02/26/24 20:40	87-68-3	
n-Hexane	ND	ug/kg	15.3	1		02/26/24 20:40	110-54-3	
2-Hexanone	ND	ug/kg	307	1		02/26/24 20:40	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers
Pace Project No.: 50366667

Sample: Dup **Lab ID: 50366667005** Collected: 02/23/24 08:00 Received: 02/23/24 23:07 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	ug/kg	307	1		02/26/24 20:40	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	15.3	1		02/26/24 20:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	15.3	1		02/26/24 20:40	99-87-6	
Methylene Chloride	ND	ug/kg	61.3	1		02/26/24 20:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	76.6	1		02/26/24 20:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	15.3	1		02/26/24 20:40	1634-04-4	
Naphthalene	ND	ug/kg	15.3	1		02/26/24 20:40	91-20-3	
n-Propylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	103-65-1	
Styrene	ND	ug/kg	15.3	1		02/26/24 20:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	15.3	1		02/26/24 20:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	15.3	1		02/26/24 20:40	79-34-5	
Tetrachloroethene	**55.5**	ug/kg	15.3	1		02/26/24 20:40	127-18-4	
Toluene	ND	ug/kg	15.3	1		02/26/24 20:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	15.3	1		02/26/24 20:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	15300	1		02/26/24 20:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	15.3	1		02/26/24 20:40	79-00-5	
Trichloroethene	**311**	ug/kg	15.3	1		02/26/24 20:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	15.3	1		02/26/24 20:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	15.3	1		02/26/24 20:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	15.3	1		02/26/24 20:40	108-67-8	
Vinyl acetate	ND	ug/kg	307	1		02/26/24 20:40	108-05-4	
Vinyl chloride	ND	ug/kg	15.3	1		02/26/24 20:40	75-01-4	
Xylene (Total)	ND	ug/kg	30.7	1		02/26/24 20:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-135	1		02/26/24 20:40	1868-53-7	
Toluene-d8 (S)	104	%.	65-148	1		02/26/24 20:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	63-132	1		02/26/24 20:40	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**62.8**	%	0.10	1		02/28/24 14:40		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

QC Batch: 777653
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50366667001, 50366667002, 50366667004

METHOD BLANK: 3559311 Matrix: Water
Associated Lab Samples: 50366667001, 50366667002, 50366667004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	02/27/24 14:34	
1,1,1-Trichloroethane	ug/L	ND	5.0	02/27/24 14:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	02/27/24 14:34	
1,1,2-Trichloroethane	ug/L	ND	5.0	02/27/24 14:34	
1,1-Dichloroethane	ug/L	ND	5.0	02/27/24 14:34	
1,1-Dichloroethene	ug/L	ND	5.0	02/27/24 14:34	
1,1-Dichloropropene	ug/L	ND	5.0	02/27/24 14:34	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	02/27/24 14:34	
1,2,3-Trichloropropane	ug/L	ND	5.0	02/27/24 14:34	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	02/27/24 14:34	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	02/27/24 14:34	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	02/27/24 14:34	
1,2-Dichlorobenzene	ug/L	ND	5.0	02/27/24 14:34	
1,2-Dichloroethane	ug/L	ND	5.0	02/27/24 14:34	
1,2-Dichloropropane	ug/L	ND	5.0	02/27/24 14:34	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	02/27/24 14:34	
1,3-Dichlorobenzene	ug/L	ND	5.0	02/27/24 14:34	
1,3-Dichloropropane	ug/L	ND	5.0	02/27/24 14:34	
1,4-Dichlorobenzene	ug/L	ND	5.0	02/27/24 14:34	
1-Methylnaphthalene	ug/L	ND	10.0	02/27/24 14:34	
2,2-Dichloropropane	ug/L	ND	5.0	02/27/24 14:34	
2-Butanone (MEK)	ug/L	ND	25.0	02/27/24 14:34	
2-Chlorotoluene	ug/L	ND	5.0	02/27/24 14:34	
2-Hexanone	ug/L	ND	25.0	02/27/24 14:34	
2-Methylnaphthalene	ug/L	ND	10.0	02/27/24 14:34	
4-Chlorotoluene	ug/L	ND	5.0	02/27/24 14:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	02/27/24 14:34	
Acetone	ug/L	ND	100	02/27/24 14:34	
Acrolein	ug/L	ND	50.0	02/27/24 14:34	
Acrylonitrile	ug/L	ND	100	02/27/24 14:34	
Benzene	ug/L	ND	5.0	02/27/24 14:34	
Bromobenzene	ug/L	ND	5.0	02/27/24 14:34	
Bromochloromethane	ug/L	ND	5.0	02/27/24 14:34	
Bromodichloromethane	ug/L	ND	5.0	02/27/24 14:34	
Bromoform	ug/L	ND	5.0	02/27/24 14:34	
Bromomethane	ug/L	ND	5.0	02/27/24 14:34	
Carbon disulfide	ug/L	ND	10.0	02/27/24 14:34	
Carbon tetrachloride	ug/L	ND	5.0	02/27/24 14:34	
Chlorobenzene	ug/L	ND	5.0	02/27/24 14:34	
Chloroethane	ug/L	ND	5.0	02/27/24 14:34	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

METHOD BLANK: 3559311 Matrix: Water
Associated Lab Samples: 50366667001, 50366667002, 50366667004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	02/27/24 14:34	
Chloromethane	ug/L	ND	5.0	02/27/24 14:34	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/27/24 14:34	
cis-1,3-Dichloropropene	ug/L	ND	5.0	02/27/24 14:34	
Dibromochloromethane	ug/L	ND	5.0	02/27/24 14:34	
Dibromomethane	ug/L	ND	5.0	02/27/24 14:34	
Dichlorodifluoromethane	ug/L	ND	5.0	02/27/24 14:34	
Ethyl methacrylate	ug/L	ND	100	02/27/24 14:34	
Ethylbenzene	ug/L	ND	5.0	02/27/24 14:34	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	02/27/24 14:34	
Iodomethane	ug/L	ND	10.0	02/27/24 14:34	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	02/27/24 14:34	
Methyl-tert-butyl ether	ug/L	ND	4.0	02/27/24 14:34	
Methylene Chloride	ug/L	ND	5.0	02/27/24 14:34	
n-Butylbenzene	ug/L	ND	5.0	02/27/24 14:34	
n-Hexane	ug/L	ND	5.0	02/27/24 14:34	
n-Propylbenzene	ug/L	ND	5.0	02/27/24 14:34	
Naphthalene	ug/L	ND	1.2	02/27/24 14:34	
p-Isopropyltoluene	ug/L	ND	5.0	02/27/24 14:34	
sec-Butylbenzene	ug/L	ND	5.0	02/27/24 14:34	
Styrene	ug/L	ND	5.0	02/27/24 14:34	
tert-Butylbenzene	ug/L	ND	5.0	02/27/24 14:34	
Tetrachloroethene	ug/L	ND	5.0	02/27/24 14:34	
Toluene	ug/L	ND	5.0	02/27/24 14:34	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/27/24 14:34	
trans-1,3-Dichloropropene	ug/L	ND	5.0	02/27/24 14:34	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	02/27/24 14:34	
Trichloroethene	ug/L	ND	5.0	02/27/24 14:34	
Trichlorofluoromethane	ug/L	ND	5.0	02/27/24 14:34	
Vinyl acetate	ug/L	ND	50.0	02/27/24 14:34	
Vinyl chloride	ug/L	ND	2.0	02/27/24 14:34	
Xylene (Total)	ug/L	ND	10.0	02/27/24 14:34	
4-Bromofluorobenzene (S)	%.	103	79-124	02/27/24 14:34	
Dibromofluoromethane (S)	%.	102	82-128	02/27/24 14:34	1d
Toluene-d8 (S)	%.	102	73-122	02/27/24 14:34	

LABORATORY CONTROL SAMPLE: 3559312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.7	105	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	70-126	
1,1-Dichloroethene	ug/L	50	53.9	108	73-133	
1,2,4-Trimethylbenzene	ug/L	50	52.4	105	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	50.8	102	80-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

LABORATORY CONTROL SAMPLE: 3559312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.5	99	70-124	
1,2-Dichloropropane	ug/L	50	52.1	104	74-128	
1,3,5-Trimethylbenzene	ug/L	50	54.5	109	71-124	
Benzene	ug/L	50	51.6	103	74-124	
Chlorobenzene	ug/L	50	52.3	105	77-121	
Chloroform	ug/L	50	53.1	106	75-118	
cis-1,2-Dichloroethene	ug/L	50	53.5	107	76-125	
Ethylbenzene	ug/L	50	52.8	106	74-125	
Isopropylbenzene (Cumene)	ug/L	50	54.8	110	75-126	
Methyl-tert-butyl ether	ug/L	50	49.7	99	74-129	
n-Hexane	ug/L	50	47.5	95	58-131	
Naphthalene	ug/L	50	55.6	111	70-132	
Tetrachloroethene	ug/L	50	52.1	104	73-132	
Toluene	ug/L	50	53.9	108	72-119	
trans-1,2-Dichloroethene	ug/L	50	54.1	108	74-125	
Trichloroethene	ug/L	50	53.6	107	75-127	
Vinyl chloride	ug/L	50	51.5	103	48-133	
Xylene (Total)	ug/L	150	155	103	73-123	
4-Bromofluorobenzene (S)	%.			100	79-124	
Dibromofluoromethane (S)	%.			100	82-128	
Toluene-d8 (S)	%.			101	73-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

QC Batch: 777467
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50366667003, 50366667005

METHOD BLANK: 3558656
Matrix: Solid
Associated Lab Samples: 50366667003, 50366667005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	02/26/24 13:35	
1,1,1-Trichloroethane	ug/kg	ND	5000	02/26/24 13:35	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	02/26/24 13:35	
1,1,2-Trichloroethane	ug/kg	ND	5.0	02/26/24 13:35	
1,1-Dichloroethane	ug/kg	ND	5.0	02/26/24 13:35	
1,1-Dichloroethene	ug/kg	ND	5.0	02/26/24 13:35	
1,1-Dichloropropene	ug/kg	ND	5.0	02/26/24 13:35	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	02/26/24 13:35	
1,2,3-Trichloropropane	ug/kg	ND	5.0	02/26/24 13:35	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	02/26/24 13:35	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	02/26/24 13:35	
1,2-Dichlorobenzene	ug/kg	ND	5.0	02/26/24 13:35	
1,2-Dichloroethane	ug/kg	ND	5.0	02/26/24 13:35	
1,2-Dichloropropane	ug/kg	ND	5.0	02/26/24 13:35	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
1,3-Dichlorobenzene	ug/kg	ND	5.0	02/26/24 13:35	
1,3-Dichloropropane	ug/kg	ND	5.0	02/26/24 13:35	
1,4-Dichlorobenzene	ug/kg	ND	5.0	02/26/24 13:35	
2,2-Dichloropropane	ug/kg	ND	5.0	02/26/24 13:35	
2-Butanone (MEK)	ug/kg	ND	25.0	02/26/24 13:35	
2-Chlorotoluene	ug/kg	ND	5.0	02/26/24 13:35	
2-Hexanone	ug/kg	ND	100	02/26/24 13:35	
4-Chlorotoluene	ug/kg	ND	5.0	02/26/24 13:35	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	02/26/24 13:35	
Acetone	ug/kg	ND	100	02/26/24 13:35	
Acrolein	ug/kg	ND	100	02/26/24 13:35	
Acrylonitrile	ug/kg	ND	100	02/26/24 13:35	
Benzene	ug/kg	ND	5.0	02/26/24 13:35	
Bromobenzene	ug/kg	ND	5.0	02/26/24 13:35	
Bromochloromethane	ug/kg	ND	5.0	02/26/24 13:35	
Bromodichloromethane	ug/kg	ND	5.0	02/26/24 13:35	
Bromoform	ug/kg	ND	5.0	02/26/24 13:35	
Bromomethane	ug/kg	ND	5.0	02/26/24 13:35	
Carbon disulfide	ug/kg	ND	10.0	02/26/24 13:35	
Carbon tetrachloride	ug/kg	ND	5.0	02/26/24 13:35	
Chlorobenzene	ug/kg	ND	5.0	02/26/24 13:35	
Chloroethane	ug/kg	ND	5.0	02/26/24 13:35	
Chloroform	ug/kg	ND	5.0	02/26/24 13:35	
Chloromethane	ug/kg	ND	5.0	02/26/24 13:35	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

METHOD BLANK: 3558656 Matrix: Solid
Associated Lab Samples: 50366667003, 50366667005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	02/26/24 13:35	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	02/26/24 13:35	
Dibromochloromethane	ug/kg	ND	5.0	02/26/24 13:35	
Dibromomethane	ug/kg	ND	5.0	02/26/24 13:35	
Dichlorodifluoromethane	ug/kg	ND	5.0	02/26/24 13:35	
Ethyl methacrylate	ug/kg	ND	100	02/26/24 13:35	
Ethylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	02/26/24 13:35	
Iodomethane	ug/kg	ND	100	02/26/24 13:35	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	02/26/24 13:35	
Methyl-tert-butyl ether	ug/kg	ND	5.0	02/26/24 13:35	
Methylene Chloride	ug/kg	ND	20.0	02/26/24 13:35	
n-Butylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
n-Hexane	ug/kg	ND	5.0	02/26/24 13:35	
n-Propylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
Naphthalene	ug/kg	ND	5.0	02/26/24 13:35	
p-Isopropyltoluene	ug/kg	ND	5.0	02/26/24 13:35	
sec-Butylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
Styrene	ug/kg	ND	5.0	02/26/24 13:35	
tert-Butylbenzene	ug/kg	ND	5.0	02/26/24 13:35	
Tetrachloroethene	ug/kg	ND	5.0	02/26/24 13:35	
Toluene	ug/kg	ND	5.0	02/26/24 13:35	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	02/26/24 13:35	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	02/26/24 13:35	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	02/26/24 13:35	
Trichloroethene	ug/kg	ND	5.0	02/26/24 13:35	
Trichlorofluoromethane	ug/kg	ND	5.0	02/26/24 13:35	
Vinyl acetate	ug/kg	ND	100	02/26/24 13:35	
Vinyl chloride	ug/kg	ND	5.0	02/26/24 13:35	
Xylene (Total)	ug/kg	ND	10.0	02/26/24 13:35	
4-Bromofluorobenzene (S)	%.	104	63-132	02/26/24 13:35	
Dibromofluoromethane (S)	%.	101	75-135	02/26/24 13:35	1d
Toluene-d8 (S)	%.	102	65-148	02/26/24 13:35	

LABORATORY CONTROL SAMPLE: 3558657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	53.2J	106	66-133	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.8	106	62-131	
1,1-Dichloroethene	ug/kg	50	55.3	111	65-138	
1,2,4-Trimethylbenzene	ug/kg	50	52.0	104	61-130	
1,2-Dibromoethane (EDB)	ug/kg	50	49.7	99	74-131	
1,2-Dichloroethane	ug/kg	50	50.6	101	62-129	
1,2-Dichloropropane	ug/kg	50	52.6	105	64-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

LABORATORY CONTROL SAMPLE: 3558657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/kg	50	53.9	108	62-127	
Benzene	ug/kg	50	51.6	103	65-128	
Chlorobenzene	ug/kg	50	51.9	104	69-124	
Chloroform	ug/kg	50	53.5	107	67-122	
cis-1,2-Dichloroethene	ug/kg	50	53.2	106	64-131	
Ethylbenzene	ug/kg	50	52.9	106	67-127	
Isopropylbenzene (Cumene)	ug/kg	50	54.7	109	67-128	
Methyl-tert-butyl ether	ug/kg	50	50.2	100	66-135	
n-Hexane	ug/kg	50	49.0	98	54-129	
Naphthalene	ug/kg	50	52.9	106	63-131	
Tetrachloroethene	ug/kg	50	51.6	103	62-135	
Toluene	ug/kg	50	53.5	107	65-123	
trans-1,2-Dichloroethene	ug/kg	50	54.1	108	63-131	
Trichloroethene	ug/kg	50	53.5	107	64-135	
Vinyl chloride	ug/kg	50	52.6	105	54-134	
Xylene (Total)	ug/kg	150	153	102	65-124	
4-Bromofluorobenzene (S)	%.			101	63-132	
Dibromofluoromethane (S)	%.			100	75-135	
Toluene-d8 (S)	%.			101	65-148	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers
Pace Project No.: 50366667

QC Batch: 777790
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50366667003, 50366667005

SAMPLE DUPLICATE: 3559856

Parameter	Units	50366099020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.9	17.3	9	10	N2

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers
Pace Project No.: 50366667

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers
Pace Project No.: 50366667

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50366667001	**SB-3**	EPA 5030/8260	777653		
50366667002	**SB-6**	EPA 5030/8260	777653		
50366667004	**Dup**	EPA 5030/8260	777653		
50366667003	**SB-3**	EPA 8260	777467		
50366667005	**Dup**	EPA 8260	777467		
50366667003	**SB-3**	SM 2540G	777790		
50366667005	**Dup**	SM 2540G	777790		

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50366667

50366667

Company Name: Mundell & Associates	Contact/Report To: Rachel Walker
Street Address: 110 S. Downey Ave. Indianapolis, IN 46219	Phone #: 317.630.9060
	E-Mail: rwalker@mundellassociates.com
	Cc E-Mail: lgonzalez@mundellassociates.com
Customer Project #: M13071	Invoice to:
Project Name: Indiana Veneers	Invoice E-mail: accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s):
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [X] 2 Day [ ] 3 Day Other _____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Full List VOCs	Sample Comment	Preservation non-conformance identified for sample.
SB-3	GW	G			2-23-24	1000				X	No Preservative	001
SB-6	GW	G				1010				X	No Preservative	002
SB-3	SS	G				1020				X		003
DUP	GW	G				-				X	No Preservative	004
DUP	SS	G				-				X		005

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Additional Instructions from Pace® :

Collected By: Printed Name: Luis Gonzalez Signature:

Customer Remarks / Special Conditions / Possible Hazards: Water Samples Have no HCl.

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] Ice
1	A	0.0	2.1	2.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
			2/23/24 23:07	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 2/23/24 23:07 JG

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____

2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☐ No

(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**

3. **Thermometer:** 1 2 3 4 5 6 7 8 (A) B C D E F G H

4. **Cooler Temperature(s):** 2.1/2.1 | | | |

(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			
Short Hold Time Analysis (48 hours or less)? Analysis: PITC 8260	✓	IL 2/24				—
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 23:10		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A
Rush TAT Requested (4 days or less): 2 Days			Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Custody Signatures Present?		—	Headspace Wisconsin Sulfide?			—
Containers Intact?:	—		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent —	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—		Trip Blank Present?		—	
Extra labels on Terracore Vials? (soils only)		—	Trip Blank Custody Seals?:			—

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a RED dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER							
COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1				3																								WT				
2				3																								WT				
3			4																									SL				
4				3																								WT SL				
5			4																													
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

February 21, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers M13071
Pace Project No.: 50366262

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on February 20, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50366262001	**SB-4**	Water	02/20/24 13:27	02/20/24 14:23

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50366262001	**SB-4**	EPA 5030/8260	TMW	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50366262001	**SB-4**					
EPA 5030/8260	Bromodichloromethane	5.3	ug/L	5.0	02/21/24 11:09	
EPA 5030/8260	Chloroform	6.4	ug/L	5.0	02/21/24 11:09	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Sample: SB-4 **Lab ID: 50366262001** Collected: 02/20/24 13:27 Received: 02/20/24 14:23 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		02/21/24 11:09	67-64-1	
Acrolein	ND	ug/L	50.0	1		02/21/24 11:09	107-02-8	
Acrylonitrile	ND	ug/L	100	1		02/21/24 11:09	107-13-1	
Benzene	ND	ug/L	5.0	1		02/21/24 11:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		02/21/24 11:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		02/21/24 11:09	74-97-5	
Bromodichloromethane	**5.3**	ug/L	5.0	1		02/21/24 11:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		02/21/24 11:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/21/24 11:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		02/21/24 11:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		02/21/24 11:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		02/21/24 11:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		02/21/24 11:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		02/21/24 11:09	75-00-3	
Chloroform	**6.4**	ug/L	5.0	1		02/21/24 11:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		02/21/24 11:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		02/21/24 11:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		02/21/24 11:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		02/21/24 11:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/21/24 11:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		02/21/24 11:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		02/21/24 11:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		02/21/24 11:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		02/21/24 11:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/21/24 11:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		02/21/24 11:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		02/21/24 11:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		02/21/24 11:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		02/21/24 11:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		02/21/24 11:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		02/21/24 11:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		02/21/24 11:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		02/21/24 11:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		02/21/24 11:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		02/21/24 11:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		02/21/24 11:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		02/21/24 11:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		02/21/24 11:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		02/21/24 11:09	87-68-3	
n-Hexane	ND	ug/L	5.0	1		02/21/24 11:09	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		02/21/24 11:09	591-78-6	
Iodomethane	ND	ug/L	10.0	1		02/21/24 11:09	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Sample: SB-4 **Lab ID: 50366262001** Collected: 02/20/24 13:27 Received: 02/20/24 14:23 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		02/21/24 11:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		02/21/24 11:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		02/21/24 11:09	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		02/21/24 11:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		02/21/24 11:09	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		02/21/24 11:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		02/21/24 11:09	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		02/21/24 11:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	103-65-1	
Styrene	ND	ug/L	5.0	1		02/21/24 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		02/21/24 11:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		02/21/24 11:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		02/21/24 11:09	127-18-4	
Toluene	ND	ug/L	5.0	1		02/21/24 11:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		02/21/24 11:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		02/21/24 11:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		02/21/24 11:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		02/21/24 11:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		02/21/24 11:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		02/21/24 11:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		02/21/24 11:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		02/21/24 11:09	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		02/21/24 11:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/21/24 11:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		02/21/24 11:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	82-128	1		02/21/24 11:09	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-124	1		02/21/24 11:09	460-00-4	
Toluene-d8 (S)	98	%.	73-122	1		02/21/24 11:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366262

QC Batch: 776422
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50366262001

METHOD BLANK: 3554173 Matrix: Water
Associated Lab Samples: 50366262001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1,1-Trichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1,2-Trichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1-Dichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,1-Dichloroethene	ug/L	ND	5.0	02/21/24 01:32	
1,1-Dichloropropene	ug/L	ND	5.0	02/21/24 01:32	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2,3-Trichloropropane	ug/L	ND	5.0	02/21/24 01:32	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dichloroethane	ug/L	ND	5.0	02/21/24 01:32	
1,2-Dichloropropane	ug/L	ND	5.0	02/21/24 01:32	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	02/21/24 01:32	
1,3-Dichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1,3-Dichloropropane	ug/L	ND	5.0	02/21/24 01:32	
1,4-Dichlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
1-Methylnaphthalene	ug/L	ND	10.0	02/21/24 01:32	
2,2-Dichloropropane	ug/L	ND	5.0	02/21/24 01:32	
2-Butanone (MEK)	ug/L	ND	25.0	02/21/24 01:32	
2-Chlorotoluene	ug/L	ND	5.0	02/21/24 01:32	
2-Hexanone	ug/L	ND	25.0	02/21/24 01:32	
2-Methylnaphthalene	ug/L	ND	10.0	02/21/24 01:32	
4-Chlorotoluene	ug/L	ND	5.0	02/21/24 01:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	02/21/24 01:32	
Acetone	ug/L	ND	100	02/21/24 01:32	
Acrolein	ug/L	ND	50.0	02/21/24 01:32	
Acrylonitrile	ug/L	ND	100	02/21/24 01:32	
Benzene	ug/L	ND	5.0	02/21/24 01:32	
Bromobenzene	ug/L	ND	5.0	02/21/24 01:32	
Bromochloromethane	ug/L	ND	5.0	02/21/24 01:32	
Bromodichloromethane	ug/L	ND	5.0	02/21/24 01:32	
Bromoform	ug/L	ND	5.0	02/21/24 01:32	
Bromomethane	ug/L	ND	5.0	02/21/24 01:32	
Carbon disulfide	ug/L	ND	10.0	02/21/24 01:32	
Carbon tetrachloride	ug/L	ND	5.0	02/21/24 01:32	
Chlorobenzene	ug/L	ND	5.0	02/21/24 01:32	
Chloroethane	ug/L	ND	5.0	02/21/24 01:32	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366262

METHOD BLANK: 3554173 Matrix: Water
Associated Lab Samples: 50366262001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	02/21/24 01:32	
Chloromethane	ug/L	ND	5.0	02/21/24 01:32	
cis-1,2-Dichloroethene	ug/L	ND	5.0	02/21/24 01:32	
cis-1,3-Dichloropropene	ug/L	ND	5.0	02/21/24 01:32	
Dibromochloromethane	ug/L	ND	5.0	02/21/24 01:32	
Dibromomethane	ug/L	ND	5.0	02/21/24 01:32	
Dichlorodifluoromethane	ug/L	ND	5.0	02/21/24 01:32	
Ethyl methacrylate	ug/L	ND	100	02/21/24 01:32	
Ethylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	02/21/24 01:32	
Iodomethane	ug/L	ND	10.0	02/21/24 01:32	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	02/21/24 01:32	
Methyl-tert-butyl ether	ug/L	ND	4.0	02/21/24 01:32	
Methylene Chloride	ug/L	ND	5.0	02/21/24 01:32	
n-Butylbenzene	ug/L	ND	5.0	02/21/24 01:32	
n-Hexane	ug/L	ND	5.0	02/21/24 01:32	
n-Propylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Naphthalene	ug/L	ND	1.2	02/21/24 01:32	
p-Isopropyltoluene	ug/L	ND	5.0	02/21/24 01:32	
sec-Butylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Styrene	ug/L	ND	5.0	02/21/24 01:32	
tert-Butylbenzene	ug/L	ND	5.0	02/21/24 01:32	
Tetrachloroethene	ug/L	ND	5.0	02/21/24 01:32	
Toluene	ug/L	ND	5.0	02/21/24 01:32	
trans-1,2-Dichloroethene	ug/L	ND	5.0	02/21/24 01:32	
trans-1,3-Dichloropropene	ug/L	ND	5.0	02/21/24 01:32	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	02/21/24 01:32	
Trichloroethene	ug/L	ND	5.0	02/21/24 01:32	
Trichlorofluoromethane	ug/L	ND	5.0	02/21/24 01:32	
Vinyl acetate	ug/L	ND	50.0	02/21/24 01:32	
Vinyl chloride	ug/L	ND	2.0	02/21/24 01:32	
Xylene (Total)	ug/L	ND	10.0	02/21/24 01:32	
4-Bromofluorobenzene (S)	%.	100	79-124	02/21/24 01:32	
Dibromofluoromethane (S)	%.	102	82-128	02/21/24 01:32	
Toluene-d8 (S)	%.	98	73-122	02/21/24 01:32	

LABORATORY CONTROL SAMPLE: 3554174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.2	92	81-130	
1,1,1-Trichloroethane	ug/L	50	46.2	92	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	43.9	88	70-126	
1,1,2-Trichloroethane	ug/L	50	44.9	90	79-124	
1,1-Dichloroethane	ug/L	50	45.7	91	76-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366262

LABORATORY CONTROL SAMPLE: 3554174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	52.0	104	73-133	
1,1-Dichloropropene	ug/L	50	48.8	98	78-144	
1,2,3-Trichlorobenzene	ug/L	50	42.2	84	72-138	
1,2,3-Trichloropropane	ug/L	50	42.3	85	75-121	
1,2,4-Trichlorobenzene	ug/L	50	38.0	76	71-138	
1,2,4-Trimethylbenzene	ug/L	50	43.1	86	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	43.3	87	80-126	
1,2-Dichlorobenzene	ug/L	50	45.0	90	79-123	
1,2-Dichloroethane	ug/L	50	45.0	90	70-124	
1,2-Dichloropropane	ug/L	50	45.5	91	74-128	
1,3,5-Trimethylbenzene	ug/L	50	44.5	89	71-124	
1,3-Dichlorobenzene	ug/L	50	43.6	87	77-124	
1,3-Dichloropropane	ug/L	50	46.0	92	77-126	
1,4-Dichlorobenzene	ug/L	50	44.1	88	77-120	
1-Methylnaphthalene	ug/L	50	40.4	81	49-175	
2,2-Dichloropropane	ug/L	50	41.5	83	65-136	
2-Butanone (MEK)	ug/L	250	221	89	59-134	
2-Chlorotoluene	ug/L	50	43.5	87	74-121	
2-Hexanone	ug/L	250	209	84	63-134	
2-Methylnaphthalene	ug/L	50	38.2	76	52-170	
4-Chlorotoluene	ug/L	50	43.7	87	78-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	215	86	67-133	
Acetone	ug/L	250	241	97	32-133	
Acrolein	ug/L	1000	788	79	35-166	
Acrylonitrile	ug/L	250	215	86	69-137	
Benzene	ug/L	50	44.9	90	74-124	
Bromobenzene	ug/L	50	43.6	87	76-122	
Bromochloromethane	ug/L	50	43.0	86	66-127	
Bromodichloromethane	ug/L	50	47.3	95	80-126	
Bromoform	ug/L	50	44.6	89	75-128	
Bromomethane	ug/L	50	73.3	147	10-183	
Carbon disulfide	ug/L	50	50.3	101	68-123	
Carbon tetrachloride	ug/L	50	46.0	92	78-132	
Chlorobenzene	ug/L	50	45.3	91	77-121	
Chloroethane	ug/L	50	49.7	99	43-140	
Chloroform	ug/L	50	48.0	96	75-118	
Chloromethane	ug/L	50	42.8	86	45-130	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	76-125	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	76-132	
Dibromochloromethane	ug/L	50	47.0	94	79-130	
Dibromomethane	ug/L	50	46.9	94	79-124	
Dichlorodifluoromethane	ug/L	50	35.0	70	10-124	
Ethyl methacrylate	ug/L	50	46.2J	92	73-137	
Ethylbenzene	ug/L	50	45.3	91	74-125	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	66-141	
Iodomethane	ug/L	50	43.6	87	10-160	
Isopropylbenzene (Cumene)	ug/L	50	47.8	96	75-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366262

LABORATORY CONTROL SAMPLE: 3554174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	42.6	85	74-129	
Methylene Chloride	ug/L	50	44.1	88	77-126	
n-Butylbenzene	ug/L	50	45.1	90	72-131	
n-Hexane	ug/L	50	42.0	84	58-131	
n-Propylbenzene	ug/L	50	46.2	92	76-127	
Naphthalene	ug/L	50	44.0	88	70-132	
p-Isopropyltoluene	ug/L	50	44.8	90	76-126	
sec-Butylbenzene	ug/L	50	46.9	94	76-129	
Styrene	ug/L	50	46.8	94	81-129	
tert-Butylbenzene	ug/L	50	45.1	90	76-129	
Tetrachloroethene	ug/L	50	44.0	88	73-132	
Toluene	ug/L	50	46.2	92	72-119	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	74-125	
trans-1,3-Dichloropropene	ug/L	50	42.9	86	75-132	
trans-1,4-Dichloro-2-butene	ug/L	50	38.8J	78	66-152	
Trichloroethene	ug/L	50	45.6	91	75-127	
Trichlorofluoromethane	ug/L	50	47.7	95	64-136	
Vinyl acetate	ug/L	200	185	92	62-159	
Vinyl chloride	ug/L	50	45.5	91	48-133	
Xylene (Total)	ug/L	150	134	89	73-123	
4-Bromofluorobenzene (S)	%.			100	79-124	
Dibromofluoromethane (S)	%.			101	82-128	
Toluene-d8 (S)	%.			99	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554175 3554176

Parameter	Units	50366086032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	51.2	51.4	102	103	60-150	0	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	51.4	51.5	103	103	63-138	0	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	50.4	50.8	101	102	58-146	1	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	50.8	50.7	102	101	63-142	0	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.3	50.7	101	101	64-138	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	58.2	57.9	116	116	65-139	0	20	
1,1-Dichloropropene	ug/L	ND	50	50	54.0	54.1	108	108	68-155	0	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	45.2	45.1	90	90	32-141	0	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	48.5	48.8	97	98	54-144	1	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	40.7	40.2	81	80	31-140	1	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	46.5	46.7	93	93	34-144	0	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	48.8	48.3	98	97	64-139	1	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	49.6	49.9	99	100	50-136	1	20	
1,2-Dichloroethane	ug/L	ND	50	50	51.8	51.4	104	103	55-146	1	20	
1,2-Dichloropropane	ug/L	ND	50	50	50.9	51.0	102	102	66-134	0	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	48.6	49.0	97	98	29-151	1	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	47.5	47.5	95	95	47-133	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366262

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554175 3554176

Parameter	Units	50366086032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichloropropane	ug/L	ND	50	50	52.1	51.6	104	103	61-144	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	48.0	47.4	96	95	50-131	1	20	
1-Methylnaphthalene	ug/L	ND	50	50	43.0	41.4	86	83	20-176	4	20	
2,2-Dichloropropane	ug/L	ND	50	50	43.7	44.3	87	89	33-146	1	20	
2-Butanone (MEK)	ug/L	ND	250	250	258	247	103	99	45-155	4	20	
2-Chlorotoluene	ug/L	ND	50	50	47.1	48.1	94	96	43-142	2	20	
2-Hexanone	ug/L	ND	250	250	247	237	99	95	48-157	4	20	
2-Methylnaphthalene	ug/L	ND	50	50	40.5	39.7	81	79	21-175	2	20	
4-Chlorotoluene	ug/L	ND	50	50	47.5	47.8	95	96	47-137	1	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	250	242	100	97	53-156	3	20	
Acetone	ug/L	ND	250	250	293	284	117	114	16-162	3	20	
Acrolein	ug/L	ND	1000	1000	860	836	86	84	39-184	3	20	
Acrylonitrile	ug/L	ND	250	250	243	239	97	96	58-140	2	20	
Benzene	ug/L	ND	50	50	50.1	50.2	100	100	65-137	0	20	
Bromobenzene	ug/L	ND	50	50	50.8	48.5	102	97	56-137	5	20	
Bromochloromethane	ug/L	ND	50	50	50.2	49.3	100	99	56-139	2	20	
Bromodichloromethane	ug/L	ND	50	50	54.0	53.9	108	108	61-149	0	20	
Bromoform	ug/L	ND	50	50	50.1	50.9	100	102	51-138	1	20	
Bromomethane	ug/L	ND	50	50	85.7	82.5	171	165	10-169	4	20	M1
Carbon disulfide	ug/L	ND	50	50	54.6	53.7	109	107	55-126	2	20	
Carbon tetrachloride	ug/L	ND	50	50	50.8	51.3	102	103	65-156	1	20	
Chlorobenzene	ug/L	ND	50	50	50.1	49.8	100	100	54-135	1	20	
Chloroethane	ug/L	ND	50	50	55.9	55.5	112	111	46-142	1	20	
Chloroform	ug/L	ND	50	50	53.8	54.0	108	108	64-133	0	20	
Chloromethane	ug/L	ND	50	50	46.3	46.5	93	93	30-139	0	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	51.9	52.0	103	103	59-141	0	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	46.9	47.2	94	94	57-141	1	20	
Dibromochloromethane	ug/L	ND	50	50	52.7	52.6	105	105	59-147	0	20	
Dibromomethane	ug/L	ND	50	50	53.8	53.8	108	108	64-142	0	20	
Dichlorodifluoromethane	ug/L	ND	50	50	38.0	38.0	76	76	10-144	0	20	
Ethyl methacrylate	ug/L	ND	50	50	51.6J	51.8J	103	104	58-147		20	
Ethylbenzene	ug/L	ND	50	50	50.5	49.9	101	100	50-143	1	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	44.4	44.6	89	89	16-155	0	20	
Iodomethane	ug/L	ND	50	50	45.0	49.0	90	98	10-154	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	52.6	52.3	105	105	36-151	0	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	46.8	47.0	94	94	66-138	0	20	
Methylene Chloride	ug/L	ND	50	50	47.6	47.7	93	93	53-126	0	20	
n-Butylbenzene	ug/L	ND	50	50	47.9	47.9	96	96	31-142	0	20	
n-Hexane	ug/L	ND	50	50	45.7	46.2	91	92	53-129	1	20	
n-Propylbenzene	ug/L	ND	50	50	50.2	50.4	100	101	39-145	0	20	
Naphthalene	ug/L	ND	50	50	48.8	48.7	98	97	51-135	0	20	
p-Isopropyltoluene	ug/L	ND	50	50	48.1	48.8	96	98	38-145	1	20	
sec-Butylbenzene	ug/L	ND	50	50	51.1	51.9	102	104	33-153	2	20	
Styrene	ug/L	ND	50	50	52.0	51.6	104	103	57-141	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50366262

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3554175 3554176

Parameter	Units	50366086032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butylbenzene	ug/L	ND	50	50	49.4	49.9	99	100	45-145	1	20	
Tetrachloroethene	ug/L	ND	50	50	48.3	47.6	97	95	43-149	1	20	
Toluene	ug/L	ND	50	50	51.3	50.9	103	102	57-137	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.5	49.5	99	99	63-133	0	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	45.3	45.2	91	90	56-140	0	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	43J	43.2J	86	86	36-169		20	
Trichloroethene	ug/L	45.1	50	50	87.4	87.7	85	85	52-145	0	20	
Trichlorofluoromethane	ug/L	ND	50	50	54.0	53.7	108	107	52-144	1	20	
Vinyl acetate	ug/L	ND	200	200	166	164	83	82	27-179	2	20	
Vinyl chloride	ug/L	ND	50	50	50.7	50.8	101	102	43-139	0	20	
Xylene (Total)	ug/L	ND	150	150	147	148	98	99	52-137	0	20	
4-Bromofluorobenzene (S)	%.						100	99	79-124			
Dibromofluoromethane (S)	%.						102	101	82-128			
Toluene-d8 (S)	%.						99	98	73-122			

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers M13071
Pace Project No.: 50366262

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers M13071
Pace Project No.: 50366262

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50366262001	**SB-4**	EPA 5030/8260	776422		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50366262

50366262

Company Name:	Mundell & Associates	Contact/Report To:	Luis Gonzalez
Street Address:	110 South Downey Ave, Indianapolis, IN 46219	Phone #:	(317)630-9060
		E-Mail:	lgonzalez@mundellassociates.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Indiana Veneers M13071	Invoice To:	Accounts Payable
		Invoice E-Mail:	accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [✓] CT [ ] ET

County / State origin of sample(s): Indiana

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [✓] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [✓] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	VOC 8260/5030 f.11 1:3 + VOC 8260
SB-4	GW	G			2-20-24	1327	3			X

Lab Use Only

Proj. Mgr: **Olivia Deck**

AcctNum / Client ID:

Table #:

Profile / Template: **3181-1,2**

Prelog / Bottle Ord. ID: **EZ 3068869**

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
DI Terracores must be frozen in the lab within 48hrs of collection.

Collected By: (Printed Name) William Denning

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	f	TW 2/20 ~~5.3~~ -.2	TW 2/22 ~~5.1~~ 5.8	5.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Mundell	2-20-24 1423	PACE	2120124 1423	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: TW 2/20/24 1455

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____
2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
   (If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**
3. **Thermometer:** 1 2 3 4 5 6 7 8 A B C D E F G H
4. **Cooler Temperature(s):** 5.3/5.1 | | | | **(Initial/Corrected)** RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **If temp. is over 6°C or under 0°C, was the PM notified?:** ☐ Yes ☐ No
   Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		/	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			
Short Hold Time Analysis (48 hours or less)? Analysis:		/				/
Time 5035A TC placed in Freezer or Short Holds To Lab MDW 2/20/24	Time:			Present	Absent	N/A
Rush TAT Requested (4 days or less): 1 Day	/	X	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			/
Custody Signatures Present?	/		Residual Chlorine Check (Total/Amenable/Free Cyanide)			/
Containers Intact?:	/		Headspace Wisconsin Sulfide?			/
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	/		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent /	No VOA Vials Sent
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?		/	
			Trip Blank Custody Seals?:			/

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit		Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1				3																								WT				
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

From: Rachel Walker
To: NADDY, JOHN
Cc: John Mundell; Luis Gonzalez
Subject: Contained In Request: Indiana Veneers SCP 2013-40932
Date: Thursday, February 29, 2024 3:14:15 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
image007.png
image008.png
Contained in Request Indiana Veneers SCP 2013-40932 2-29-2024.pdf

---

Good afternoon,

Please see attached for a Contained In request for the Indiana Veneers site (SCP 2013-40932). Please contact us if you have any questions.

Thank you,

110 S. Downey Ave.
Indianapolis, IN 46219

Rachel Walker, L.P.G.
Principal Geologist

317-630-9060, Ext. 112
317-220-2988
rwalker@mundellassociates.com
www.mundellassociates.com

Attachment B

Contained-In Denial (5-21-2024)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

May 21, 2024

Via Electronic Mail
Ms. Rachel Walker
Mundell and Associates, Inc.
110 South Downey Street
Indianapolis, Indiana 46219-6406
rwalker@mundellassociates.com

Re: Indiana Veneers Corporation
"Contained-in" Determination for
Cleanup Water
State Cleanup Site No.: 2013-40-932
EPA ID No.: INR000124669
Indianapolis, Marion County

Dear Ms. Walker:

This letter is in response to your May 8, 2024, request and subsequent submittals requesting a "contained-in" determination for three (3) 275-gallon containers of contaminated water (825 gallons). The water was generated cleaning six (6) 25-yard sludge boxes on April 22, 2024, at the Indiana Veers Corporation site.

The site is located at 1124 East 24th Street, Indianapolis, Marion County, Indiana.

Your request is for management options to be available based on contaminant concentrations in the contaminated cleaning water meeting applicable industrial exit levels.

In the "contained-in" request, it has been described that the basis for managing the contaminated cleaning water as listed hazardous waste would that the cleaning water was used to clean contaminated listed hazardous waste soils out of sludge boxes and that the cleanup water becoming contaminated with the listed hazardous wastes cleaned from the boxes.

The constituents of concern for the U-listed hazardous waste codes specified above as described in 40 CFR 261.33 and/or 40 CFR 261 Appendix VIII are as follows:

U210: Tetrachloroethylene (PCE)
U228: Trichloroethylene (TCE)

Additionally, the following are breakdown products of the U210 and/or U228 constituents and/or additional contaminants that were detected in the soil and/or water samples

presented with the request: bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride (VC).

Based on the information provided by the requestor, compared with the established policy criteria, the following determination applies:

Current Contaminated Water On-site

There are three (3) 275-gallon containers of cleanup water (decontamination water) that were generated cleaning out six (6) 25-yard containers used to accumulate listed hazardous waste sludge. The cleanup water (decontamination water) is not an environmental media that can be addressed using the IDEM "Contained-in" Determination Policy.

The three (3) 275-gallon containers of cleanup water remain U210/U228 hazardous waste and are subject to regulation as a hazardous waste under 329 IAC 3.1, as applicable.

If you have any questions, please contact John Naddy at 317-233-0404 or jnaddy@idem.in.gov.

Sincerely,

Lori Freeman

Lori Freeman, Chief
Compliance Branch
Office of Land Quality

Enclosures
cc: Mr. Joshua Keller, IDEM, OLQ, State Cleanup Section

110 South Downey Avenue, Indianapolis, Indiana 46219-6406
Telephone 317-630-9060, Facsimile 317-630-9065
www.MundellAssociates.com

May 8, 2024

Mr. John Naddy
Technical Environmental Specialist
Compliance and Response Branch
Office of Land Quality
Indiana Department of Environmental Management

RE: Contained-In Request for Environmental Investigation
Indiana Veneers Corporation
1124 E 24th Street
Indianapolis, IN

Dear Mr. Naddy,

On behalf of Indiana Veneers Corporation at 1124 E 24th Street, Marion County, Indianapolis, Indiana ("The Site"), MUNDELL & Associates, Inc. (MUNDELL), is pleased to present you with the attached materials comprising a contained-in determination request for environmental investigation derived waste at the Site. The Site is currently operated as Indiana Veneers Corporation and managed under the State Cleanup Program (SCP No. # 201340932).

MUNDELL conducted a cleaning event on sludge boxes that had formerly contained solid waste generated from the installation of a horizontal well underneath the Indiana Veneers facility. The cleaning process occurred on April 22, 2024, and generated water and mud solids. The water is stored in three (3) 275-gallon IBC poly totes. The mud solids are stored in four (4) 55-gallon steel drums. MUNDELL previously received a Contained-In for soils/solids on February 29, 2024 and will rely on that Contained-In for disposal of the solids drums. **In this application, MUNDELL wishes to obtain a Contained-In in order to dispose of the generated water.**

Please find the attached appendices: **Appendix A** (Information Checklist for Contained-In request); **Appendix B** (Site figure and tabulated analytical results); and **Appendix C** (laboratory certificates-of-analysis). Please call either of the undersigned at (317) 630-9060 or via e-mail at rwalker@mundellassociates.com or jmundell@mundellassociates.com if you have any questions or require additional information.

Sincerely,
MUNDELL & ASSOCIATES, INC.

Rachel Walker, PhD, L.P.G
Principal Geologist

John A. Mundell, P.E., L.P.G., P.G.
President/Senior Environmental Consultant

Appendix A

Contained-In Checklist

Information Checklist for Contained-In Request

1. **Name of responsible party (property owner/operator)**

   Indiana Veneers Corporation/Ewing Light Metals, Inc.

2. **Site description (Name, Address, Size of Site, Number of Areas Involved). Please provide any site ID# such as EPA ID#, VRP number, etc.**

   1124 East 24th Street, Indianapolis, IN 46205 (≈ 8.5 acres), on the northwest corner of the intersection of East 24th Street and Yandes Street, on the northeast side of downtown Indianapolis, in Marion County, Indiana. The Site is located in an area with mixed commercial/residential use. The facility has been admitted into the State Cleanup program and assigned SCP #2013-40932. No unsaturated soil source area has been identified to date.

3. **Is the site subject to RCRA corrective action, enforcement orders?**

   No

4. **Is the site being remediated under state or federal oversight? Identify Agency and Agency contacts.**

   Installation of a remedial injection well horizontally underneath the Indiana Veneers building occurred between February 13 and 23, 2024. The location of the horizontal well bore is indicated on **Figure 11** in **Appendix B** as 'Treatment Line 1'. Injection of remedial products began on March 11, 2024. The Site is currently managed by Mr. Josh Keller under the Indiana State Cleanup Program (SCP No. #2013-40932).

5. **How was the site contaminated? (Spill of hazardous waste, product release, process waste release, other? When was the Site contaminated?**

   The northwest portion of the facility operated as Ewing Light Metals Foundry until approximately 2010 when it was purchased by Indiana Veneers Corporation. Indiana Veneers never operated the facility as a foundry and instead, added the property to their existing facility which produces wood veneers. In addition, no chlorinated solvents have ever been used in any of Indiana Veneers' processes or maintenance activities.

   A Phase I Environmental Site Assessment (Phase I ESA) conducted for the former Ewing Light Metals in 2005, indicated that the property operated as Light Metals, Inc. from 1941 through 1986. In 1986 property ownership was transferred to Ewing Light Metals, Inc. Site owners indicated that the Site had been utilized as a foundry since the early 1940s. The foundry on the Site originally produced aircraft parts made from magnesium (or magnesium alloys). The processes on the Site had reportedly not changed greatly since the start of the foundry operations at the Site. Site owners also indicated that Ewing Light Metals, Inc. manufactured special metal parts per customer orders. They utilized several processes to manufacture casts made of sand. Metal ingots of brass, aluminum, copper and/or iron were melted in furnaces and the molten metal was poured into the sand casts. Once the metal cooled, the sand casts were broken into pieces and removed from the metal part. It is not clear when the release occurred but it is believed that it may be related to historical foundry operations.

6. **When was the site contaminated?**

   See answer to Question 5.

7. **What EPA waste codes apply and why? Indicate all listed and characteristics codes applicable to the material which contaminated the site.**

   U210 - Tetrachloroethylene is a U-listed material.

   U228 – Trichloroethylene is a U-listed material.

8. **Does the media exhibit any characteristics of hazardous waste, in addition to being contaminated with a listed waste? If it does, the media would be subject to hazardous waste rules regardless of listed waste concentration. Media cannot exit hazardous waste system unless treated to remove the characteristics.**

   The waste water does not exhibit hazardous characteristics. Based on analytical results, the samples from washing out the sludge boxes are non-hazardous. Please see the appended tables and lab reports in **Appendix B**.

9. **Which specific hazardous substances/constituents are present based on analytical results? Be sure to include breakdown products of the listed waste.**

   The following chlorinated chemicals have been detected at the Site: tetrachloroethylene (PCE), trichloroethylene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE).

10. **What is the volume/quantity of media involved? An estimate of the volume/quantity will provide some idea of what size project we are dealing with.**

    The horizontal well installation process produced drilling mud waste that was containerized in six (6) 25-yard liquid tight tarp top sludge boxes. After disposal of the sludge box contents, the boxes needed to be cleaned before being returned to their rental facility. This cleaning event generated three (3) 275-gallon totes of waste water and four (4) 55-gallon drums of remnant mud solids.

11. **Will the media in question be generated one time only, as a batch or in a continuous manner?**

    The sludge box cleaning event was a one-time generation event associated with the installation of the horizontal injection wells underneath the Site facility.

12. **Is treatment of the media involved or necessary?**

    Treatment of the media is not necessary.

13. **Analytical results and test methods. Results must be based upon representative sampling.**

    Laboratory analytical results for the waste water are provided in **Tables 1 and 2** in **Appendix B**. A site plan is provided in **Figure 11**, also in **Appendix B.** Laboratory analytical reports are provided in **Appendix C**.

14. **A description of the sampling plan and methods used to assure representative sampling.**

    Samples were collected from each tote and placed into 40ml VOAs for analysis for cVOCs via U.S. EPA SW-846 Test Method 8260 and RCRA Metals analysis via Method 6010. Solids were collected from the drums and analyzed for cVOCs using U.S. EPA SW-846 Method 8260 (5035) and RCRA Metals TCLP via Method 6010.

15. **QA/QC documentation should be provided. For most industrial default level determinations, we only need a statement that QA/QC procedures were followed and are available if requested. For residential default determinations complete QA/QC documentation must be provided with the request.**

    Level II QA/QC procedures are followed, and results are provided in the attached laboratory certificates-of-analysis (**Appendix C**).

16. **How will the material be managed at the generation site, intermediate sites, and final destination? What time periods are involved?**

    The waste cleaning water is stored in three (3) 275-gallon totes. The solids are stored in four (4) 55-gallon steel drums. Once approved for disposal, they will be transported to the appropriate landfill by a waste handler. MUNDELL intends to have disposal conducted as soon as the Contained-In is received.

17. **What is the final destination of the contaminated media and how is it to be managed at the final destination site?**

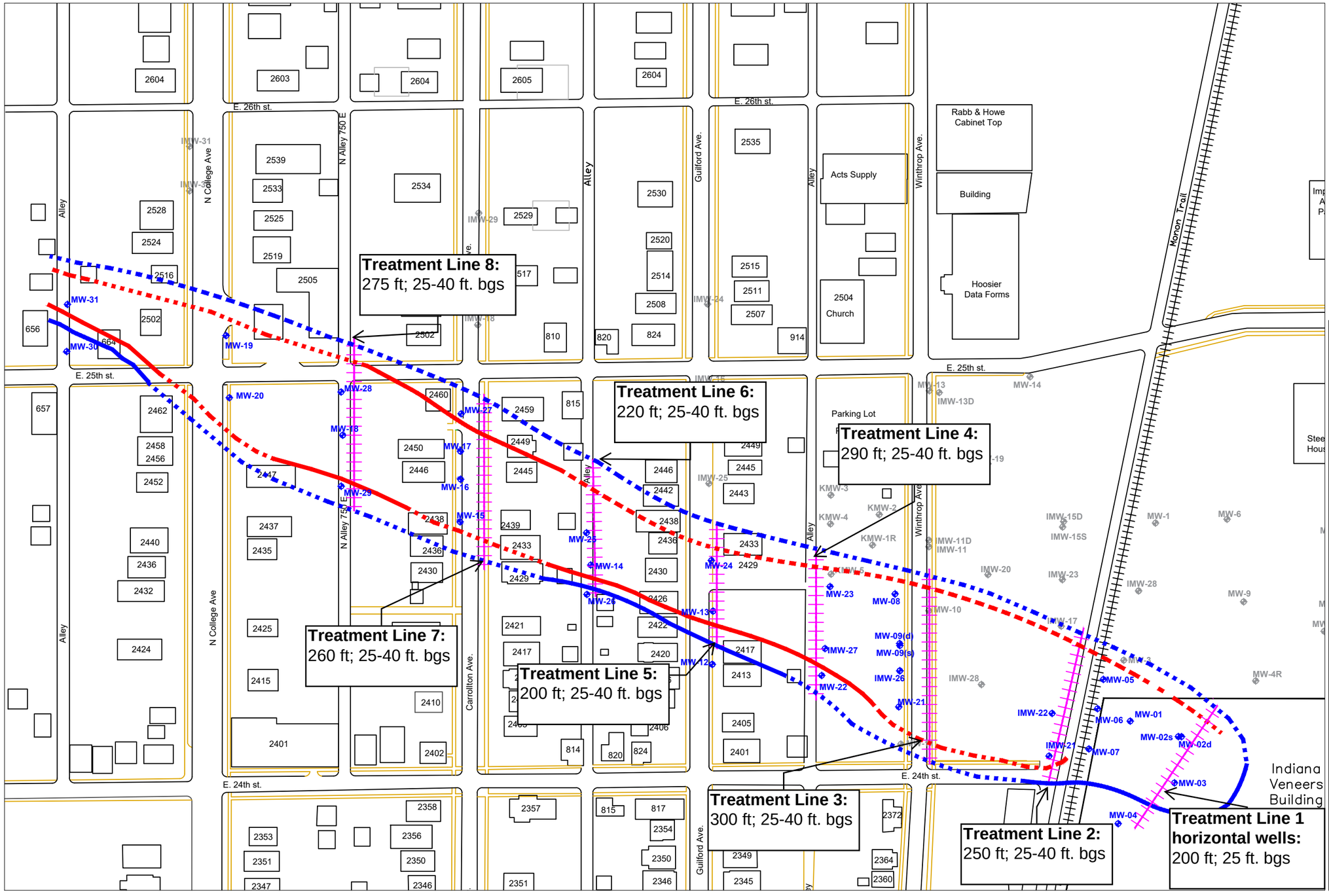
    Non-hazardous waste will likely be disposed of at the Waste Management landfill in Danville, IN.

18. **How will the company assure contained-in threshold levels are attained for media that will be generated on an ongoing basis?**

    This waste was a one-time waste generation due to the need to clean the rental sludge boxes after disposal of drilling mud generated during horizontal well installation.

Appendix B

Site Figure and Analytical Tables



LEGEND

- KMW-5 / IMW-21 — Monitoring Well (Titan VRP Site)
- MW-01 — Monitoring Well (Mundell & Associates)
- Injection Line Locations
- Interpolated Extent of Dissolved Trichloroethene Exceeding 2022 IDEM RCG Residential Drinking Water Level

Mundell
Consulting Professionals
for the Earth and the Environment

110 South Downey Avenue
Indianapolis, Indiana 46219
317-630-9060, fax 317-630-9065
www.MundellAssociates.com

REV.	DATE	DESCRIPTION	BY	APPR

PROJECT NO.:	M13071	FILE NO.:	
DRAWING:		PLOT SIZE:	11"X17"
DRAFTED BY:	LG	DATE:	06/21/2023
CHECKED BY:	RW	DATE:	06/21/2023
APPROVED BY:		DATE:	

Remedial Injection Line Locations

Indiana Veneers
Corporation 1124 E
24th Street
Indianapolis, IN

FIGURE
11

Table 1

Water cVOC Analytical Results

1121 E. 24th Street Indianapolis, Marion County

Indiana Veneers Corporation

MUNDELL Project No. M13071

Sample Name	Date Sampled	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WT-1	04/30/2024	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0
WT-2	04/30/2024	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0
WT-3	04/30/2024	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0
2024 Residential Tap Water (µg/L)		**5.0**	**5.0**	**70**	**100**	**2.0**	**20**	**30**	**7.0**	**8,000**
10x 2024 Residential Tap Water (µg/L)		**50**	**50**	**700**	**1,000**	**20**	**200**	**300**	**70**	**80,000**
TCLP Maximum Concentration (ppb)		**700**	**500**	**-**	**-**	**200**	**-**	**-**	**700**	**-**

Notes:

1) N/A = not analyzed

2) - for screening level means no level set

Table 2

Water 6010 Metals

1121 E. 24th Street Indianapolis, Marion County

Indiana Veneers Corporation

MUNDELL Project No. M13071

Sample Name	Date Sampled	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
WT-1	04/30/2024	11.6	477	< 2.0	58.6	255	< 10.0	< 10.0	< 2.0
WT-2	04/30/2024	10.1	382	< 2.0	50.1	211	< 10.0	< 10.0	< 2.0
WT-3	04/30/2024	12.1	427	2.3	55.5	276	< 10.0	< 10.0	< 2.0
2024 Groundwater Screening Level (ug/L)		**10.0**	**2,000**	**5.0**	**100**	**15.0**	**50.0**	**90.0**	**2.0**
TCLP Maximum Concentration (ppb)		**5,000**	**100,000**	**1,000**	**5,000**	**5,000**	**1,000**	**5,000**	**200**

Notes:

1) < = below laboratory reporting limits

Appendix C

Laboratory Analytical Reports

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

May 08, 2024

Mr. Luis Gonzalez
Mundell
110 South Downey Ave
Indianapolis, IN 46219

RE: Project: Indiana Veneers M13071
Pace Project No.: 50371840

Dear Mr. Gonzalez:

Enclosed are the analytical results for sample(s) received by the laboratory on April 30, 2024. 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 - Indianapolis

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

Sincerely,

Olivia Deck
olivia.deck@pacelabs.com
(317)228-3102
Project Manager

Enclosures

cc: Ms. Rachel Walker, Mundell & Assoc

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50371840001	**WT-1**	Water	04/30/24 09:15	04/30/24 12:25
50371840002	**WT-2**	Water	04/30/24 08:20	04/30/24 12:25
50371840003	**WT-3**	Water	04/30/24 08:35	04/30/24 12:25
50371840004	**SL-1**	Solid	04/30/24 09:30	04/30/24 12:25
50371840005	**SL-2**	Solid	04/30/24 09:50	04/30/24 12:25
50371840006	**SL-3**	Solid	04/30/24 10:10	04/30/24 12:25
50371840007	**SL-4**	Solid	04/30/24 10:30	04/30/24 12:25
50371840008	**Trip Blank**	Water	04/30/24 08:00	04/30/24 12:25

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50371840001	**WT-1**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	BES	12	PASI-I
		EPA 1010	WDB	1	PASI-I
50371840002	**WT-2**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	BES	12	PASI-I
		EPA 1010	WDB	1	PASI-I
50371840003	**WT-3**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	BES	12	PASI-I
		EPA 1010	WDB	1	PASI-I
50371840004	**SL-1**	EPA 6010	ELK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	SLB	12	PASI-I
		SM 2540G	QAK	1	PASI-I
50371840005	**SL-2**	EPA 6010	ELK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	SLB	12	PASI-I
		SM 2540G	QAK	1	PASI-I
50371840006	**SL-3**	EPA 6010	ELK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	SLB	12	PASI-I
		SM 2540G	QAK	1	PASI-I
50371840007	**SL-4**	EPA 6010	ELK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8260	SLB	12	PASI-I
		SM 2540G	QAK	1	PASI-I
50371840008	**Trip Blank**	EPA 8260	BES	12	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50371840001	**WT-1**					
EPA 6010	Arsenic	11.6	ug/L	10.0	05/01/24 03:12	
EPA 6010	Barium	477	ug/L	10.0	05/01/24 03:12	
EPA 6010	Chromium	58.6	ug/L	10.0	05/01/24 03:12	
EPA 6010	Lead	255	ug/L	10.0	05/01/24 03:12	
EPA 1010	Flashpoint	>200	deg F		05/01/24 06:55	
50371840002	**WT-2**					
EPA 6010	Arsenic	10.1	ug/L	10.0	05/01/24 03:13	
EPA 6010	Barium	382	ug/L	10.0	05/01/24 03:13	
EPA 6010	Chromium	50.1	ug/L	10.0	05/01/24 03:13	
EPA 6010	Lead	211	ug/L	10.0	05/01/24 03:13	
EPA 1010	Flashpoint	>200	deg F		05/01/24 07:40	
50371840003	**WT-3**					
EPA 6010	Arsenic	12.1	ug/L	10.0	05/01/24 03:15	
EPA 6010	Barium	427	ug/L	10.0	05/01/24 03:15	
EPA 6010	Cadmium	2.3	ug/L	2.0	05/01/24 03:15	
EPA 6010	Chromium	55.5	ug/L	10.0	05/01/24 03:15	
EPA 6010	Lead	276	ug/L	10.0	05/01/24 03:15	
EPA 1010	Flashpoint	>200	deg F		05/01/24 08:05	
50371840004	**SL-1**					
EPA 8260	cis-1,2-Dichloroethene	68.8	ug/kg	14.2	05/04/24 05:40	
EPA 8260	Tetrachloroethene	27.6	ug/kg	14.2	05/04/24 05:40	
EPA 8260	Trichloroethene	38.6	ug/kg	14.2	05/04/24 05:40	
SM 2540G	Percent Moisture	54.7	%	0.10	04/30/24 16:38	N2
50371840005	**SL-2**					
EPA 8260	Trichloroethene	63.5	ug/kg	29.2	05/04/24 06:10	
SM 2540G	Percent Moisture	77.0	%	0.10	04/30/24 16:38	N2
50371840006	**SL-3**					
EPA 8260	Trichloroethene	59.8	ug/kg	42.6	05/04/24 06:41	
SM 2540G	Percent Moisture	84.6	%	0.10	04/30/24 16:38	N2
50371840007	**SL-4**					
EPA 6010	Lead	0.10	mg/L	0.10	05/07/24 13:02	
SM 2540G	Percent Moisture	91.8	%	0.10	04/30/24 16:38	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: WT-1 **Lab ID: 50371840001** Collected: 04/30/24 09:15 Received: 04/30/24 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis							
Arsenic	**11.6**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:12	7440-38-2	
Barium	**477**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:12	7440-39-3	
Cadmium	ND	ug/L	2.0	1	04/30/24 20:34	05/01/24 03:12	7440-43-9	
Chromium	**58.6**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:12	7440-47-3	
Lead	**255**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:12	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:12	7782-49-2	
Silver	ND	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:12	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis							
Mercury	ND	ug/L	2.0	1	05/01/24 18:54	05/02/24 10:49	7439-97-6	
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	5.0	1		05/01/24 13:13	75-00-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/24 13:13	75-34-3	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:13	156-60-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/24 13:13	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/24 13:13	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/24 13:13	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/24 13:13	75-01-4	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		05/01/24 13:13	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-124	1		05/01/24 13:13	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		05/01/24 13:13	2037-26-5	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - Indianapolis							
Flashpoint	**>200**	deg F		1		05/01/24 06:55		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: WT-2 **Lab ID: 50371840002** Collected: 04/30/24 08:20 Received: 04/30/24 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Indianapolis							
Arsenic	**10.1**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:13	7440-38-2	
Barium	**382**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:13	7440-39-3	
Cadmium	ND	ug/L	2.0	1	04/30/24 20:34	05/01/24 03:13	7440-43-9	
Chromium	**50.1**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:13	7440-47-3	
Lead	**211**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:13	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:13	7782-49-2	
Silver	ND	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:13	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Indianapolis							
Mercury	ND	ug/L	2.0	1	05/01/24 18:54	05/02/24 10:51	7439-97-6	
8260/5030 MSV	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	5.0	1		05/01/24 13:36	75-00-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/24 13:36	75-34-3	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:36	156-60-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/24 13:36	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/24 13:36	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/24 13:36	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/24 13:36	75-01-4	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		05/01/24 13:36	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-124	1		05/01/24 13:36	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		05/01/24 13:36	2037-26-5	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010							
	Pace Analytical Services - Indianapolis							
Flashpoint	**>200**	deg F		1		05/01/24 07:40		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: WT-3 **Lab ID: 50371840003** Collected: 04/30/24 08:35 Received: 04/30/24 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Pace Analytical Services - Indianapolis							
Arsenic	**12.1**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:15	7440-38-2	
Barium	**427**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:15	7440-39-3	
Cadmium	**2.3**	ug/L	2.0	1	04/30/24 20:34	05/01/24 03:15	7440-43-9	
Chromium	**55.5**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:15	7440-47-3	
Lead	**276**	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:15	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:15	7782-49-2	
Silver	ND	ug/L	10.0	1	04/30/24 20:34	05/01/24 03:15	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Pace Analytical Services - Indianapolis							
Mercury	ND	ug/L	2.0	1	05/01/24 18:54	05/02/24 10:54	7439-97-6	
8260/5030 MSV	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	5.0	1		05/01/24 13:59	75-00-3	M1
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/24 13:59	75-34-3	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 13:59	156-60-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/24 13:59	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/24 13:59	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/24 13:59	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/24 13:59	75-01-4	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		05/01/24 13:59	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	79-124	1		05/01/24 13:59	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		05/01/24 13:59	2037-26-5	
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010							
	Pace Analytical Services - Indianapolis							
Flashpoint	**>200**	deg F		1		05/01/24 08:05		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: SL-1 **Lab ID: 50371840004** Collected: 04/30/24 09:30 Received: 04/30/24 12:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 8.65; Final pH: 5.79							
	Pace Analytical Services - Indianapolis							
Arsenic	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:49	7440-38-2	
Barium	ND	mg/L	5.0	1	05/02/24 20:38	05/07/24 12:49	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/02/24 20:38	05/07/24 12:49	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:49	7440-47-3	
Lead	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:49	7439-92-1	
Selenium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:49	7782-49-2	
Silver	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:49	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 8.65; Final pH: 5.79							
	Pace Analytical Services - Indianapolis							
Mercury	ND	mg/L	0.0020	1	05/05/24 19:43	05/06/24 09:58	7439-97-6	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	14.2	1		05/04/24 05:40	75-00-3	
1,1-Dichloroethane	ND	ug/kg	14.2	1		05/04/24 05:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	14.2	1		05/04/24 05:40	75-35-4	
cis-1,2-Dichloroethene	**68.8**	ug/kg	14.2	1		05/04/24 05:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	14.2	1		05/04/24 05:40	156-60-5	
Tetrachloroethene	**27.6**	ug/kg	14.2	1		05/04/24 05:40	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	14.2	1		05/04/24 05:40	71-55-6	
Trichloroethene	**38.6**	ug/kg	14.2	1		05/04/24 05:40	79-01-6	
Vinyl chloride	ND	ug/kg	14.2	1		05/04/24 05:40	75-01-4	
Surrogates								
Dibromofluoromethane (S)	115	%.	75-135	1		05/04/24 05:40	1868-53-7	
Toluene-d8 (S)	101	%.	65-148	1		05/04/24 05:40	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	63-132	1		05/04/24 05:40	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**54.7**	%	0.10	1		04/30/24 16:38		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: SL-2 **Lab ID: 50371840005** Collected: 04/30/24 09:50 Received: 04/30/24 12:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 8.19; Final pH: 5.44							
	Pace Analytical Services - Indianapolis							
Arsenic	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:58	7440-38-2	
Barium	ND	mg/L	5.0	1	05/02/24 20:38	05/07/24 12:58	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/02/24 20:38	05/07/24 12:58	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:58	7440-47-3	
Lead	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:58	7439-92-1	
Selenium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:58	7782-49-2	
Silver	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 12:58	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 8.19; Final pH: 5.44							
	Pace Analytical Services - Indianapolis							
Mercury	ND	mg/L	0.0020	1	05/05/24 19:43	05/06/24 10:00	7439-97-6	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	29.2	1		05/04/24 06:10	75-00-3	
1,1-Dichloroethane	ND	ug/kg	29.2	1		05/04/24 06:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	29.2	1		05/04/24 06:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	29.2	1		05/04/24 06:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	29.2	1		05/04/24 06:10	156-60-5	
Tetrachloroethene	ND	ug/kg	29.2	1		05/04/24 06:10	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	29.2	1		05/04/24 06:10	71-55-6	
Trichloroethene	**63.5**	ug/kg	29.2	1		05/04/24 06:10	79-01-6	
Vinyl chloride	ND	ug/kg	29.2	1		05/04/24 06:10	75-01-4	
Surrogates								
Dibromofluoromethane (S)	113	%.	75-135	1		05/04/24 06:10	1868-53-7	
Toluene-d8 (S)	99	%.	65-148	1		05/04/24 06:10	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	63-132	1		05/04/24 06:10	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**77.0**	%	0.10	1		04/30/24 16:38		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: SL-3 **Lab ID: 50371840006** Collected: 04/30/24 10:10 Received: 04/30/24 12:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 8.53; Final pH: 5.42							
	Pace Analytical Services - Indianapolis							
Arsenic	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:00	7440-38-2	
Barium	ND	mg/L	5.0	1	05/02/24 20:38	05/07/24 13:00	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/02/24 20:38	05/07/24 13:00	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:00	7440-47-3	
Lead	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:00	7439-92-1	
Selenium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:00	7782-49-2	
Silver	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:00	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 8.53; Final pH: 5.42							
	Pace Analytical Services - Indianapolis							
Mercury	ND	mg/L	0.0020	1	05/05/24 19:43	05/06/24 10:02	7439-97-6	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	42.6	1		05/04/24 06:41	75-00-3	
1,1-Dichloroethane	ND	ug/kg	42.6	1		05/04/24 06:41	75-34-3	
1,1-Dichloroethene	ND	ug/kg	42.6	1		05/04/24 06:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	42.6	1		05/04/24 06:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	42.6	1		05/04/24 06:41	156-60-5	
Tetrachloroethene	ND	ug/kg	42.6	1		05/04/24 06:41	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	42.6	1		05/04/24 06:41	71-55-6	
Trichloroethene	**59.8**	ug/kg	42.6	1		05/04/24 06:41	79-01-6	
Vinyl chloride	ND	ug/kg	42.6	1		05/04/24 06:41	75-01-4	
Surrogates								
Dibromofluoromethane (S)	115	%.	75-135	1		05/04/24 06:41	1868-53-7	
Toluene-d8 (S)	100	%.	65-148	1		05/04/24 06:41	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	63-132	1		05/04/24 06:41	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**84.6**	%	0.10	1		04/30/24 16:38		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: SL-4 **Lab ID: 50371840007** Collected: 04/30/24 10:30 Received: 04/30/24 12:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 7.98; Final pH: 5.31							
	Pace Analytical Services - Indianapolis							
Arsenic	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:02	7440-38-2	
Barium	ND	mg/L	5.0	1	05/02/24 20:38	05/07/24 13:02	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/02/24 20:38	05/07/24 13:02	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:02	7440-47-3	
Lead	**0.10**	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:02	7439-92-1	
Selenium	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:02	7782-49-2	
Silver	ND	mg/L	0.10	1	05/02/24 20:38	05/07/24 13:02	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 05/01/24 14:50 Initial pH: 7.98; Final pH: 5.31							
	Pace Analytical Services - Indianapolis							
Mercury	ND	mg/L	0.0020	1	05/05/24 19:43	05/06/24 10:07	7439-97-6	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/kg	92.5	1		05/04/24 07:11	75-00-3	
1,1-Dichloroethane	ND	ug/kg	92.5	1		05/04/24 07:11	75-34-3	
1,1-Dichloroethene	ND	ug/kg	92.5	1		05/04/24 07:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	92.5	1		05/04/24 07:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	92.5	1		05/04/24 07:11	156-60-5	
Tetrachloroethene	ND	ug/kg	92.5	1		05/04/24 07:11	127-18-4	
1,1,1-Trichloroethane	ND	mg/kg	92.5	1		05/04/24 07:11	71-55-6	
Trichloroethene	ND	ug/kg	92.5	1		05/04/24 07:11	79-01-6	
Vinyl chloride	ND	ug/kg	92.5	1		05/04/24 07:11	75-01-4	
Surrogates								
Dibromofluoromethane (S)	112	%.	75-135	1		05/04/24 07:11	1868-53-7	
Toluene-d8 (S)	98	%.	65-148	1		05/04/24 07:11	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	63-132	1		05/04/24 07:11	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**91.8**	%	0.10	1		04/30/24 16:38		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Sample: Trip Blank **Lab ID: 50371840008** Collected: 04/30/24 08:00 Received: 04/30/24 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	ug/L	5.0	1		05/01/24 12:49	75-00-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/24 12:49	75-34-3	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/24 12:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 12:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/24 12:49	156-60-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/24 12:49	127-18-4	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/24 12:49	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/24 12:49	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/24 12:49	75-01-4	
Surrogates								
Dibromofluoromethane (S)	103	%.	82-128	1		05/01/24 12:49	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-124	1		05/01/24 12:49	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		05/01/24 12:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 788044
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

METHOD BLANK: 3605051 Matrix: Water
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00067	05/06/24 09:21	

LABORATORY CONTROL SAMPLE: 3605052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3605053 3605054

Parameter	Units	50372015001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.015	0.015	0.014	0.013	94	87	75-125	8	20	

MATRIX SPIKE SAMPLE: 3605055

Parameter	Units	50372027002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.015	0.014	95	75-125	

MATRIX SPIKE SAMPLE: 3605056

Parameter	Units	50371840006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.015	0.014	94	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 787627
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840001, 50371840002, 50371840003

METHOD BLANK: 3602927 Matrix: Water
Associated Lab Samples: 50371840001, 50371840002, 50371840003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	05/02/24 09:52	

LABORATORY CONTROL SAMPLE: 3602928

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.3	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3602929 3602930

Parameter	Units	50371245003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	5.2	100	103	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 787834
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

METHOD BLANK: 3603889 Matrix: Water
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.050	05/07/24 12:25	
Barium	mg/L	ND	2.5	05/07/24 12:25	
Cadmium	mg/L	ND	0.025	05/07/24 12:25	
Chromium	mg/L	ND	0.050	05/07/24 12:25	
Lead	mg/L	ND	0.050	05/07/24 12:25	
Selenium	mg/L	ND	0.050	05/07/24 12:25	
Silver	mg/L	ND	0.050	05/07/24 12:25	

LABORATORY CONTROL SAMPLE: 3603890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.98	98	80-120	
Barium	mg/L	1	0.99	99	80-120	
Cadmium	mg/L	1	0.94	94	80-120	
Chromium	mg/L	1	0.96	96	80-120	
Lead	mg/L	1	0.94	94	80-120	
Selenium	mg/L	1	0.95	95	80-120	
Silver	mg/L	0.5	0.49	98	80-120	

MATRIX SPIKE SAMPLE: 3603891

Parameter	Units	50371642022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	10	9.9	99	50-150	
Barium	mg/L	ND	10	9.7	96	50-150	
Cadmium	mg/L	ND	10	9.4	94	50-150	
Chromium	mg/L	ND	10	9.4	94	50-150	
Lead	mg/L	ND	10	9.0	90	50-150	
Selenium	mg/L	ND	10	9.5	95	50-150	
Silver	mg/L	ND	5	4.8	96	50-150	

MATRIX SPIKE SAMPLE: 3603892

Parameter	Units	50371738001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.050	10	10.2	102	50-150	
Barium	mg/L	0.57J	10	10.5	100	50-150	
Cadmium	mg/L	<0.025	10	9.6	96	50-150	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

MATRIX SPIKE SAMPLE: 3603892

Parameter	Units	50371738001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	<0.052	10	9.7	97	50-150	
Lead	mg/L	<0.050	10	9.3	93	50-150	
Selenium	mg/L	<0.050	10	9.7	97	50-150	
Silver	mg/L	<0.050	5	5.0	100	50-150	

MATRIX SPIKE SAMPLE: 3603893

Parameter	Units	50371739001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	10	10.0	100	50-150	
Barium	mg/L	ND	10	10.0	99	50-150	
Cadmium	mg/L	ND	10	9.5	95	50-150	
Chromium	mg/L	ND	10	9.6	96	50-150	
Lead	mg/L	ND	10	9.2	92	50-150	
Selenium	mg/L	ND	10	9.7	97	50-150	
Silver	mg/L	ND	5	4.9	98	50-150	

MATRIX SPIKE SAMPLE: 3603894

Parameter	Units	50371805001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	50	50.0	100	50-150	
Barium	mg/L	ND	50	48.9	98	50-150	
Cadmium	mg/L	ND	50	47.2	94	50-150	
Chromium	mg/L	ND	50	47.7	95	50-150	
Lead	mg/L	ND	50	45.9	91	50-150	
Selenium	mg/L	ND	50	47.7	95	50-150	
Silver	mg/L	ND	25	24.6	98	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3603896 3603897

Parameter	Units	50371840004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	10	10	10.4	10.0	104	100	50-150	3	20	
Barium	mg/L	ND	10	10	10.4	10.0	102	99	50-150	3	20	
Cadmium	mg/L	ND	10	10	9.8	9.5	98	95	50-150	3	20	
Chromium	mg/L	ND	10	10	9.9	9.6	98	95	50-150	3	20	
Lead	mg/L	ND	10	10	9.4	9.1	94	90	50-150	4	20	
Selenium	mg/L	ND	10	10	10	9.7	99	96	50-150	3	20	
Silver	mg/L	ND	5	5	5.1	4.9	101	98	50-150	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 787390
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840001, 50371840002, 50371840003

METHOD BLANK: 3601965 Matrix: Water
Associated Lab Samples: 50371840001, 50371840002, 50371840003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	05/01/24 03:09	
Barium	ug/L	ND	10.0	05/01/24 03:09	
Cadmium	ug/L	ND	2.0	05/01/24 03:09	
Chromium	ug/L	ND	10.0	05/01/24 03:09	
Lead	ug/L	ND	10.0	05/01/24 03:09	
Selenium	ug/L	ND	10.0	05/01/24 03:09	
Silver	ug/L	ND	10.0	05/01/24 03:09	

LABORATORY CONTROL SAMPLE: 3601966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	988	99	80-120	
Barium	ug/L	1000	974	97	80-120	
Cadmium	ug/L	1000	977	98	80-120	
Chromium	ug/L	1000	990	99	80-120	
Lead	ug/L	1000	951	95	80-120	
Selenium	ug/L	1000	974	97	80-120	
Silver	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601967 3601968

Parameter	Units	50371777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	1000	1000	1020	988	101	98	75-125	3	20	
Barium	ug/L	196	1000	1000	1210	1150	101	96	75-125	5	20	
Cadmium	ug/L	ND	1000	1000	988	963	99	96	75-125	3	20	
Chromium	ug/L	ND	1000	1000	983	953	98	95	75-125	3	20	
Lead	ug/L	ND	1000	1000	930	902	93	90	75-125	3	20	
Selenium	ug/L	ND	1000	1000	997	967	100	97	75-125	3	20	
Silver	ug/L	ND	500	500	504	489	101	98	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 787562
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840001, 50371840002, 50371840003, 50371840008

METHOD BLANK: 3602641 Matrix: Water
Associated Lab Samples: 50371840001, 50371840002, 50371840003, 50371840008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	05/01/24 10:53	
1,1-Dichloroethane	ug/L	ND	5.0	05/01/24 10:53	
1,1-Dichloroethene	ug/L	ND	5.0	05/01/24 10:53	
Chloroethane	ug/L	ND	5.0	05/01/24 10:53	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/01/24 10:53	
Tetrachloroethene	ug/L	ND	5.0	05/01/24 10:53	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/01/24 10:53	
Trichloroethene	ug/L	ND	5.0	05/01/24 10:53	
Vinyl chloride	ug/L	ND	2.0	05/01/24 10:53	
4-Bromofluorobenzene (S)	%.	96	79-124	05/01/24 10:53	
Dibromofluoromethane (S)	%.	103	82-128	05/01/24 10:53	
Toluene-d8 (S)	%.	100	73-122	05/01/24 10:53	

LABORATORY CONTROL SAMPLE: 3602642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.4	109	71-126	
1,1-Dichloroethane	ug/L	50	51.8	104	79-120	
1,1-Dichloroethene	ug/L	50	53.9	108	71-130	
Chloroethane	ug/L	50	52.0	104	36-162	
cis-1,2-Dichloroethene	ug/L	50	54.8	110	77-123	
Tetrachloroethene	ug/L	50	58.2	116	71-122	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	75-122	
Trichloroethene	ug/L	50	55.0	110	74-125	
Vinyl chloride	ug/L	50	52.7	105	55-139	
4-Bromofluorobenzene (S)	%.			102	79-124	
Dibromofluoromethane (S)	%.			99	82-128	
Toluene-d8 (S)	%.			102	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3602643 3602644

Parameter	Units	50371840003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	46.1	47.4	92	95	47-145	3	20	
1,1-Dichloroethane	ug/L	ND	50	50	45.7	47.1	91	94	52-137	3	20	
1,1-Dichloroethene	ug/L	ND	50	50	45.3	46.0	91	92	53-144	2	20	
Chloroethane	ug/L	ND	50	50	129	145	258	291	25-169	12	20	M1

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3602643 3602644

Parameter	Units	50371840003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,2-Dichloroethene	ug/L	ND	50	50	50.4	50.5	101	101	50-141	0	20	
Tetrachloroethene	ug/L	ND	50	50	46.6	47.6	93	95	44-138	2	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	46.9	47.8	94	96	50-137	2	20	
Trichloroethene	ug/L	ND	50	50	46.5	48.5	93	97	49-140	4	20	
Vinyl chloride	ug/L	ND	50	50	44.5	45.1	89	90	41-147	1	20	
4-Bromofluorobenzene (S)	%.						102	102	79-124			
Dibromofluoromethane (S)	%.						100	100	82-128			
Toluene-d8 (S)	%.						102	103	73-122			

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 788072
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

METHOD BLANK: 3605203 Matrix: Solid
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	ND	5.0	05/03/24 22:02	
1,1-Dichloroethane	ug/kg	ND	5.0	05/03/24 22:02	
1,1-Dichloroethene	ug/kg	ND	5.0	05/03/24 22:02	
Chloroethane	ug/kg	ND	5.0	05/03/24 22:02	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/03/24 22:02	
Tetrachloroethene	ug/kg	ND	5.0	05/03/24 22:02	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/03/24 22:02	
Trichloroethene	ug/kg	ND	5.0	05/03/24 22:02	
Vinyl chloride	ug/kg	ND	5.0	05/03/24 22:02	
4-Bromofluorobenzene (S)	%.	99	63-132	05/03/24 22:02	
Dibromofluoromethane (S)	%.	108	75-135	05/03/24 22:02	1d
Toluene-d8 (S)	%.	98	65-148	05/03/24 22:02	

LABORATORY CONTROL SAMPLE: 3605204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	.048J	97	67-134	
1,1-Dichloroethane	ug/kg	50	50.2	100	72-121	
1,1-Dichloroethene	ug/kg	50	46.1	92	57-140	
Chloroethane	ug/kg	50	54.9	110	61-137	
cis-1,2-Dichloroethene	ug/kg	50	50.2	100	70-123	
Tetrachloroethene	ug/kg	50	42.6	85	62-128	
trans-1,2-Dichloroethene	ug/kg	50	45.8	92	67-124	
Trichloroethene	ug/kg	50	46.5	93	68-128	
Vinyl chloride	ug/kg	50	48.2	96	52-142	
4-Bromofluorobenzene (S)	%.			98	63-132	
Dibromofluoromethane (S)	%.			104	75-135	
Toluene-d8 (S)	%.			96	65-148	

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Indiana Veneers M13071
Pace Project No.: 50371840

QC Batch: 787402
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50371840004, 50371840005, 50371840006, 50371840007

SAMPLE DUPLICATE: 3602072

Parameter	Units	50371549021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.1	7.9	3	10	N2

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
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Indiana Veneers M13071
Pace Project No.: 50371840

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Indiana Veneers M13071
Pace Project No.: 50371840

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50371840004	**SL-1**	EPA 3010	787834	EPA 6010	788533
50371840005	**SL-2**	EPA 3010	787834	EPA 6010	788533
50371840006	**SL-3**	EPA 3010	787834	EPA 6010	788533
50371840007	**SL-4**	EPA 3010	787834	EPA 6010	788533
50371840001	**WT-1**	EPA 3010	787390	EPA 6010	787491
50371840002	**WT-2**	EPA 3010	787390	EPA 6010	787491
50371840003	**WT-3**	EPA 3010	787390	EPA 6010	787491
50371840004	**SL-1**	EPA 7470	788044	EPA 7470	788237
50371840005	**SL-2**	EPA 7470	788044	EPA 7470	788237
50371840006	**SL-3**	EPA 7470	788044	EPA 7470	788237
50371840007	**SL-4**	EPA 7470	788044	EPA 7470	788237
50371840001	**WT-1**	EPA 7470	787627	EPA 7470	787765
50371840002	**WT-2**	EPA 7470	787627	EPA 7470	787765
50371840003	**WT-3**	EPA 7470	787627	EPA 7470	787765
50371840001	**WT-1**	EPA 8260	787562		
50371840002	**WT-2**	EPA 8260	787562		
50371840003	**WT-3**	EPA 8260	787562		
50371840008	**Trip Blank**	EPA 8260	787562		
50371840004	**SL-1**	EPA 8260	788072		
50371840005	**SL-2**	EPA 8260	788072		
50371840006	**SL-3**	EPA 8260	788072		
50371840007	**SL-4**	EPA 8260	788072		
50371840004	**SL-1**	SM 2540G	787402		
50371840005	**SL-2**	SM 2540G	787402		
50371840006	**SL-3**	SM 2540G	787402		
50371840007	**SL-4**	SM 2540G	787402		
50371840001	**WT-1**	EPA 1010	787718		
50371840002	**WT-2**	EPA 1010	787718		
50371840003	**WT-3**	EPA 1010	787718		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50371840

50371840

Company Name:	Mundell & Associates	Contact/Report To:	Luis Gonzalez
Street Address:	110 South Downey Ave, Indianapolis, IN 46219	Phone #:	(317)630-9060
		E-Mail:	lgonzalez@mundellassociates.com
		Cc E-Mail:	
Customer Project #:	M13071		
Project Name:	Indiana Veneers	Invoice To:	Accounts Payable
		Invoice E-Mail:	accounting@mundellassociates.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other NA

DW PWSID # or WW Permit # as applicable:

Date Results Requested: 4/30/2024

Field Filtered (if applicable): [ ] Yes [X] No
Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: Olivia Deck
AcctNum / Client ID:
Table #:
Profile / Template: 3181-1,2
Prelog / Bottle Ord. ID: EZ 3105103

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	cVOC 8260	RCRA 8 6010/7470	TCLP RCRA 8 6010/7470	Flashpoint 1010	Sample Comment	Preservation non-conformance identified for sample.
WT-1	GW				4-30-24	915	5			3	1		1	001	
WT-2	GW					820	5			3	1		1	002	
WT-3	GW					835	5			3	1		1	003	
SL-1	SS					930	5			4		1		004	
SL-2	SS					950	5			4		1		005	
SL-3	SS					1010	5			4		1		006	
SL-4	SS					1030	5			4		1		007	
Trip Blank					↓	—	3			3				008	

Additional Instructions from Pace®:

Collected By: (Printed Name) Luis Gonzalez
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	H	0.8	2.1	2.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	4/30/24 1155		4/30/24 1155	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
	4/30/24 1225		4/30/24 1225	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

F-IN-Q-290-rev.25, 25Apr2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: LR 4/30/24 1236

1. **Courier:** FED EX UPS ~~CLIENT~~ (LR 4/30) ~~PACE~~ NOW/JETT OTHER _____
2. **Custody Seal on Cooler/Box Present:** Yes ~~No~~
(If yes)**Seals Intact:** Yes No (leave blank if no seals were present)
3. **Thermometer:** 1 2 3 4 5 6 7 8 A B C D E F G (H)
4. **Cooler Temperature(s):** (Initial/Corrected) 2.1/2.1 RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. **Packing Material:** Bubble Wrap ~~Bubble Bags~~ None Other _____
6. **Ice Type:** ~~Wet~~ Blue None
7. **Was the PM notified of out of temp cooler?:** Yes No
Cooler temp should be above freezing to 6°C
8. **EZ Bottle Order?** Yes No
EZ Bottle Order Number:

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** Circle: **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	X		
Short Hold Time Analysis (48 hours or less)? **Analysis:** Terracore MDW 4/30/24	✓	~~X~~				
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1249		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Rush TAT Requested (4 days or less): Same Day	X		Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Custody Signatures Present?	X		Headspace Wisconsin Sulfide?			X
Containers Intact?:	X		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent X	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X		Trip Blank Present?	X		
Extra labels on Terracore Vials? (soils only)		X	Trip Blank Custody Seals?:	X		

COMMENTS:

COC PAGE 1 **of** 1

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS (DI) R	DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit		Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1				14														1	1									WT				
2																																
3																		1	1									1	1			
4	1		4																									SC				
5																																
6																																
7	14		4																									1				
8				3																								SL				
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

From: Rachel Walker
To: NADDY, JOHN; Freeman, Lori
Cc: John Mundell; Luis Gonzalez; Gritton, Allison
Subject: RE: Indiana Veneers (INR000124669) Contained-In letter questions
Date: Tuesday, June 18, 2024 11:27:59 AM
Attachments: image009.png
image010.png
image019.png
image020.png
image021.png
image022.png
image023.png
image024.png
image025.png
image026.png
image027.png
image028.png
image029.png
image030.png
image031.png
image032.png
image001.png
Contained In Media Response Letter MUNDELL 6-18-2024.pdf

Good morning,

Please find attached our response letter as a follow up regarding the contained-in request made on May 8, 2024 and subsequent email/phone conversations.

Thank you,

110 S. Downey Ave.
Indianapolis, IN 46219

Rachel Walker, L.P.G.
Principal Geologist

317-630-9060, Ext. 112
317-220-2988
rwalker@mundellassociates.com
www.mundellassociates.com

From: NADDY, JOHN <JNADDY@idem.IN.gov>
Sent: Monday, June 3, 2024 7:24 AM
To: Rachel Walker <RWalker@mundellassociates.com>
Subject: RE: Indiana Veneers (INR000124669) Contained-In letter questions

Ms. Walker-

Thank you for the response. Unfortunately, decontamination water is not an environmental media that can be addressed in the Contained-in Policy. I am attaching the nonruled policy document for your review (see below).

Please let me know if you have any additional questions.

John Naddy
Technical Environmental Specialist E7

(317) 233-0404 • Jnaddy@idem.IN.gov

www.idem.IN.gov

https://www.in.gov/idem/files/nrpd_waste-0061-r1.pdf

From: Rachel Walker <RWalker@mundellassociates.com>
Sent: Thursday, May 30, 2024 4:48 PM
To: NADDY, JOHN <JNADDY@idem.IN.gov>; Freeman, Lori <lfreeman@idem.IN.gov>
Cc: John Mundell <JMUNDELL@mundellassociates.com>
Subject: Indiana Veneers (INR000124669) Contained-In letter questions

---

Good afternoon,

This email is in response to the recently received Contained-In response dated May 21, 2024 (attached). MUNDELL has the following questions and concerns regarding this letter.

1. On page 2 of the May 21, 2024, letter, the following statement is made: "*The cleanup water (decontamination water) is not an environmental media that can be addressed using the IDEM "Contained-In" Determination Policy*"

   No additional explanation of this statement is provided. MUNDELL requests clarification as to why this waste is not able to be addressed by the Contained In policy.

2. The following statement was made on page 2 of the May 21, 2024 letter: "*The three (3) 275-gallon containers of cleanup water remain U210/U228 hazardous waste and are subject to regulation as a hazardous waste under 329 IAC 3.1, as applicable.*"

   MUNDELL respectfully disagrees this statement for the following reasons:

   - The drilling mud contents of the six sludge boxes all came from one (1) horizontal well at the site – they did not contain waste from multiple wells or other sources.
   - The remnant drilling mud left on the interior of the sludge boxes after they returned from the landfill had to be removed before returning the boxes. This remnant drilling mud is contained in the three totes (as liquid form) and four drums (as solids) and again, is remnant drilling mud only from that one horizontal well.
   - The analytical results for cVOCs in samples collected from each of the three totes were non-detect (i.e.: below laboratory reporting limits; see attached ***Table 1 – Water cVOC Analytical Results***).
   - The analytical results for samples taken from the sludge boxes prior to their emptying indicated that cVOCs were below the levels used to determine hazardous waste characteristics in the Contained In policy (for soil 20x TCLP maximum concentrations; for water TCLP Maximum Contaminant Levels; see attached ***Sludge Box Original Analytical Tables***).

MUNDELL respectfully requests a reconsideration of the May 21, 2024, determination letter.

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