KPRG and Associates, Inc.

VAPOR DATA RESULTS REPORT

June 29, 2023

Ms. Margaret Brunette Wisconsin Department of Natural Resources 1027 W. St. Paul Avenue Milwaukee, WI 53233

VIA E-MAIL KPRG Project No. 17519

Re: Vapor Data Transmittal

Milwaukee Solvay Coke & Gas-MGP 311 E. Greenfield Avenue, Milwaukee, WI

BRRTS # 02-41-466662

Dear Ms. Brunette:

High-volume sub-slab vapor sampling was performed on May 23, 2023 and May 24, 2023 by KPRG and Associates, Inc. (KPRG). This was the second high-volume sampling event associated with the redevelopment of the subject property and was done to coincide with the time of year when the high groundwater table occurs at the site.

The sampling included all seven high-volume sampling points as well as four standard sub-slab vapor samples, as shown on Figure 1. The standard sub-slab vapor samples were collected prior to the high-volume samples. The standard sub-slab samples were collected using 30-minute flow controllers and 1-Liter summa canisters. The high-volume sampling was conducted in accordance with the High-Volume Sampling Plan, which occurred as described in the following sentences.

A manifold set up was connected to each sampling point that included a sampling port, a pressure gauge and a connection port to the blower. Following setting up the system, a blower was started to allow for approximately 5 minutes of high volume purging during which time a smoke test was completed checking for potential leaks through the surrounding floor slab and sampling components; no leaks were found. The blower was vented approximately 50-feet away from the sampling point. During this initial purging, readings were collected for photoionization detector (PID) and flow. Vacuum readings were collected from the three (3) Radius of Influence (ROI) probes around sampling point HV-1. Following the initial 5-minute purge, the valve on a 1-Liter summa canister that was attached to the sampling point manifold was opened to allow for sample collection. The canister was equipped with a 30-minute flow controller. During the purging and sampling effort, PID readings were recorded at the vapor discharge point. PID readings were collected during testing at each sampling location. Following the 30 minutes of sample collection, the valve on the canister was closed and the blower shut down. This process was repeated for each

sampling point, except for the ROI monitoring because that only occurred at HV-1 in accordance with the sampling plan.

The samples were analyzed for benzene and naphthalene in accordance the High-Volume Sampling Plan. A copy of the laboratory analytical data is included with this transmittal. The May 2023 analytical data is provided in Table 1 along with the data from the February 2023 sampling. An areal extent of the analytical results are also shown on Figure 2. A review of the table shows that the concentrations for the May 2023 sampling points are below the Sub-Slab Vapor Risk Screening Levels (VRSL). The sampling results for the most recent round all decreased from the previous sampling event, except for HV-3, where the results are similar for both rounds of sampling. It should be noted that the HV-7 results in February 2023 were above the VRSL for naphthalene but in this sampling event the results are now below the VRSL for naphthalene. The reduction in the analytical results is because of the influence of the methane system creating a negative vacuum beneath the concrete floor slab.

The noted difference in the results between the high-volume samples and the standard sub-slab samples is thought to result from the difference in how the samples are collected and the presence of in-situ soil stabilization (ISS) material beneath the manufacturing building. The high-volume sampling method creates a larger vacuum beneath the slab in order to have a larger radius of influence compared to standard sub-slab sampling methods. This larger vacuum is thought to extract the benzene and naphthalene vapors from the ISS material beneath the building.

In regards to the Historic Fill Site Exemption requirements associated with the methane system. Observations during the February 2023 and May 2023 sampling events did not indicate deterioration of the concrete slab and no repairs were required at this time and observations of the manometers along the vertical suction pipes indicated that a vacuum was occurring and the fans were operating properly.

In conclusion, the analytical data shows that the risk for vapor intrusion of benzene is minimal, the vapor intrusion risk for naphthalene is decreasing even with the noted naphthalene result in HV-7 in February 2023, and the methane system is assisting in removing any accumulated vapors. At this time, KPRG recommends that no more high-volume sampling occur because of the minimal risk from benzene based on the analytical results and the decreasing naphthalene results but continue monitoring the methane system operations.

If there are any questions, please contact me at 262-781-0475.

Sincerely,

KPRG and Associates, Inc.

Joshua D. Davenport, P.E.

Senior Engineer

cc: William Stuckey, Komatsu Mining Corp.

Brenna Bellmer, Komatsu Mining Corp

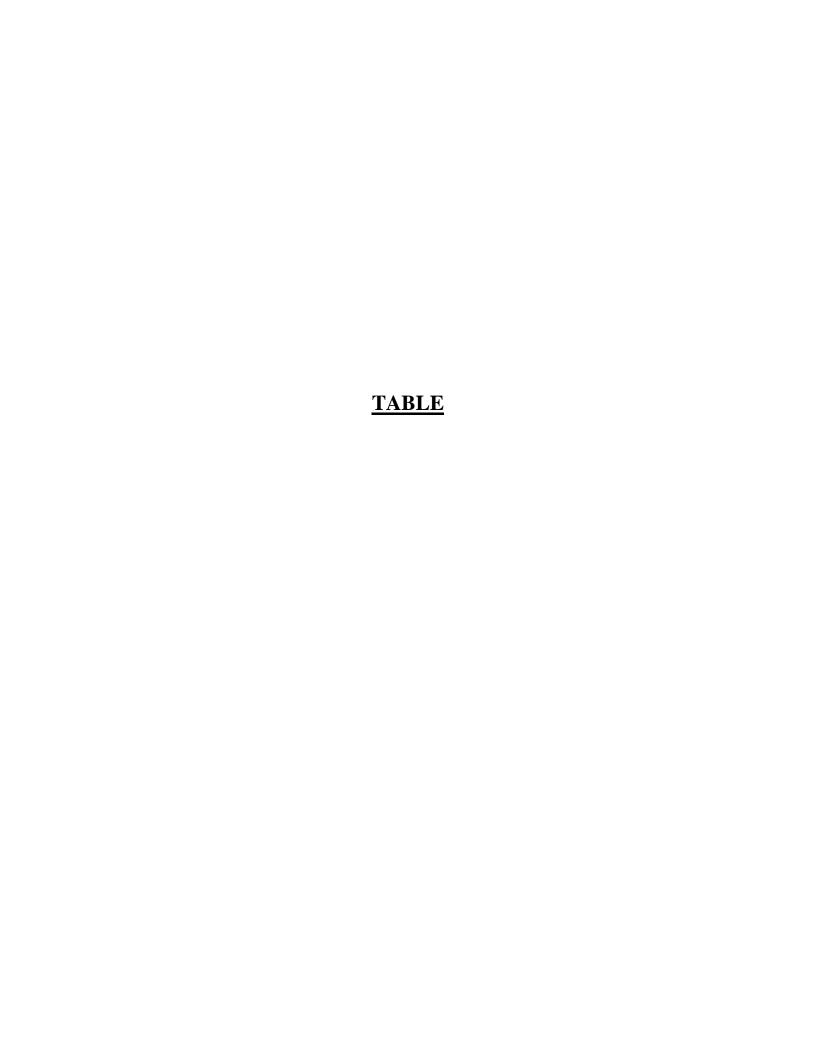
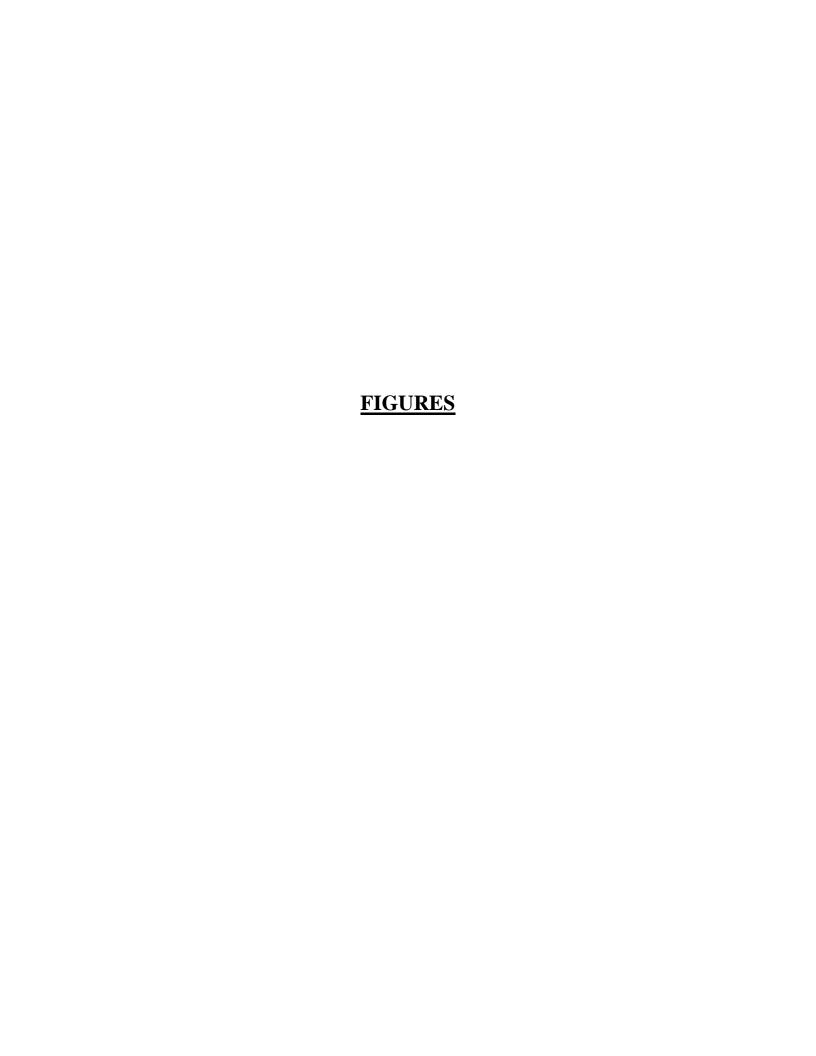
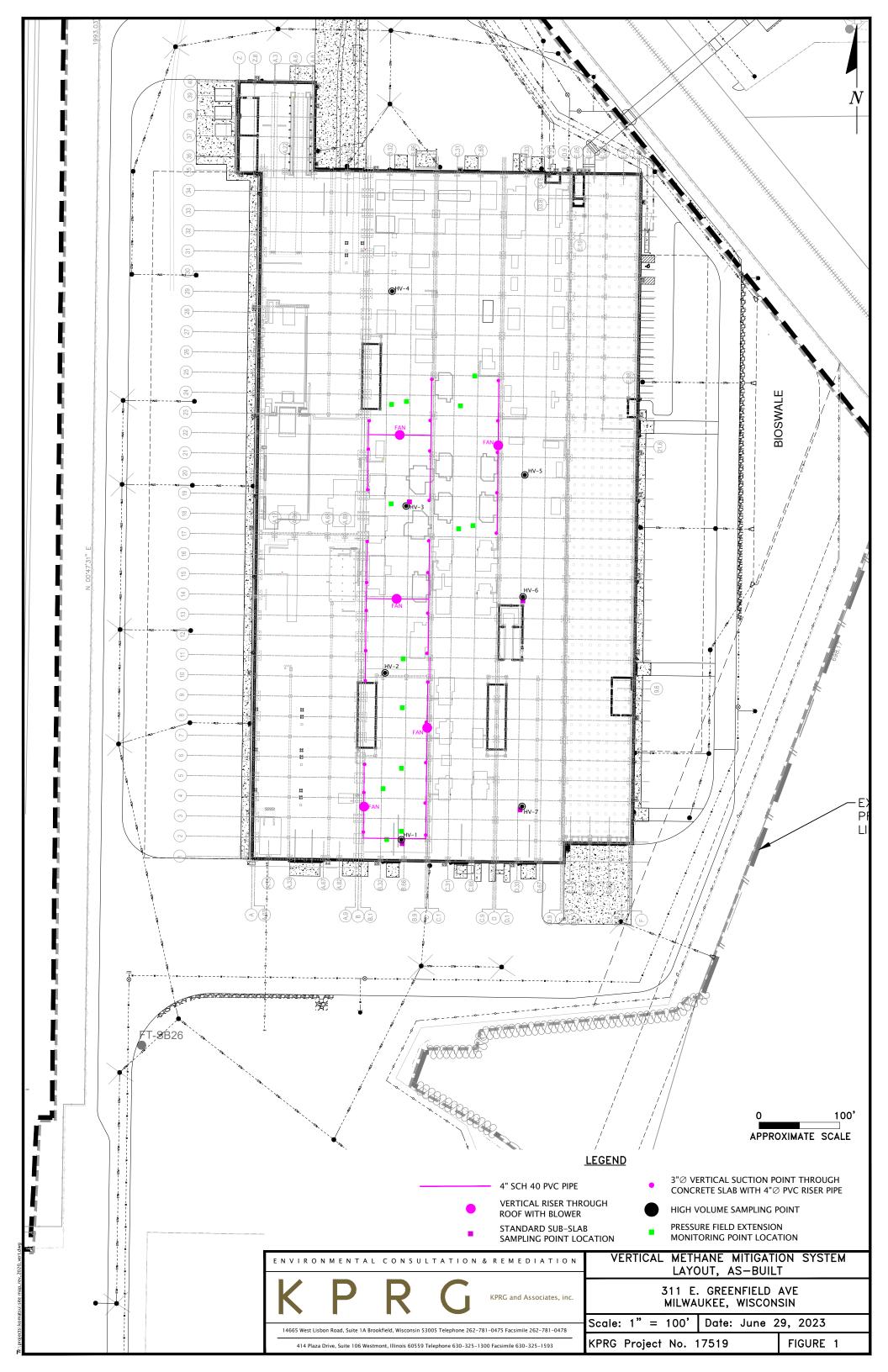


Table 1. High-Volume Vapor Sampling Analytical Results, Komatsu Manufacturing Building - 311 E. Greenfield Ave, Milwaukee, WI

	Sample	Н	V-1	HV-	1 ET-1	H'	V-2	Н	V-3	HV-3	3 ET-1	Н	V-4	H/	/- 5	H	V-6	HV-6	6 ET-1	H)	V-7	HV-7	ET-1
Parameter	Sub-Slab VRSL	2/8/2023	5/23/2023	2/8/2023	5/23/2023	2/9/2023	5/23/2023	2/9/2023	5/24/2023	2/8/2023	5/24/2023	2/8/2023	5/24/2023	2/9/2023	5/24/2023	2/9/2023	5/24/2023	2/8/2023	5/24/2023	2/8/2023	5/23/2023	2/8/2023	5/23/2023
Benzene	1,600	7.0	< 0.760	56.5	4.50	27.9	19.9	50.4	57.5	18.5	8.5	52.9	< 0.760	108	< 0.760	28.3	< 0.760	16.5	6.64	389	318	75.7	46.6
Naphthalene	360	12.6	<6.13	5.3	<6.13	154	<6.13	207	246	<6.0	<6.13	25.2	<6.13	60.9	<6.13	8.3	<6.13	13.2	<6.13	699	281	1.1	<6.13

All units are in μg/m³







ATTACHMENT 1 Analytical Data Package



Pace Analytical® ANALYTICAL REPORT

KPRG and Associates, Inc.

Sample Delivery Group:

L1620605

Samples Received:

05/26/2023

Project Number:

17519

Description:

Report To:

Joshua D. Davenport

14665 West Lisbon Road, Suite 2B

Brookfield, WI 53005

















Entire Report Reviewed By: John V Houkins

John Hawkins

Project Manager Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received. Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

LIV/1 FT 1 1162060F 01 Air			Collected by	Collected date/time 05/23/23 10:27	Received da 05/26/23 09	
HV-1 ET-1 L1620605-01 Air	Batch	Dilution	Preparation	Analysis	Analyst	Location
metrod	Batch	Dilution	date/time	date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 15:50	05/31/23 15:50	SDS	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
HV-1 L1620605-02 Air			J/K	05/23/23 00:00	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 16:32	05/31/23 16:32	MBF	Mt. Juliet, TN
			Collected by	Collected date/time		
HV-2 L1620605-03 Air			J/K	05/23/23 14:49	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 17:14	05/31/23 17:14	SDS	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
HV-3 L1620605-04 Air			J/K	05/24/23 00:00	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 17:56	05/31/23 17:56	SDS	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
HV-3 ET-1 L1620605-05 Air			J/K	05/24/23 13:00	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 18:37	05/31/23 18:37	SDS	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
HV-4 L1620605-06 Air			J/K	05/24/23 11:50	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 19:19	05/31/23 19:19	SDS	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	
HV-5 L1620605-07 Air			J/K	05/24/23 14:26	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 20:01	05/31/23 20:01	SDS	Mt. Juliet, TN
			Collected by	Collected date/time		
HV-6 L1620605-08 Air			J/K	05/24/23 12:44	05/26/23 09	:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
V 1 11 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1	W00000					





















Volatile Organic Compounds (MS) by Method TO-15

WG2069125

05/31/23 20:43

05/31/23 20:43

SDS

Mt. Juliet, TN

SAMPLE SUMMARY

			Collected by	Collected date/time	Received da	te/time
HV-6 ET-1 L1620605-09 Air			J/K	05/24/23 11:43	05/26/23 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
/olatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 21:25	05/31/23 21:25	SDS	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
HV-7 L1620605-10 Air			J/K	05/23/23 14:00	05/26/23 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 22:06	05/31/23 22:06	SDS	Mt. Juliet, TN
olatile Organic Compounds (MS) by Method TO-15	WG2073831	10	06/08/23 16:45	06/08/23 16:45	MBF	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
HV-7 ET-1 L1620605-11 Air			J/K	05/23/23 12:52	05/26/23 09	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Volatile Organic Compounds (MS) by Method TO-15	WG2069125	1	05/31/23 22:48	05/31/23 22:48	SDS	Mt. Juliet, TN



















CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

¹Cp

















John Hawkins Project Manager

L1620605

Collected date/time: 05/23/23 10:27

Volatile Organic Compounds (MS) by Method TO-15

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	1.41	4.50		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.4				WG2069125



















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Collected date/time: 05/23/23 00:00

L1620605

	CAS#	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		94.0				WG2069125



















Collected date/time: 05/23/23 14:49 L1620605

Volatile Organic Compounds (MS) by Method TO-15

-									
	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	6.24	19.9		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		98.7				WG2069125



















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Collected date/time: 05/24/23 00:00

SAMPLE RESULTS - 04

L1620605

	CAS#	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	18.0	57.5		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	47.0	246		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		98.4				WG2069125



















HV-3 ET-1

SAMPLE RESULTS - 05

L1620605

Collected date/time: 05/24/23 13:00

	CAS#	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	2.66	8.50		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1.4-Bromofluorobenzene	460-00-4	175	60.0-140		95.9				WG2069125



















Collected date/time: 05/24/23 11:50 L1620605

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		93.7				WG2069125



















Collected date/time: 05/24/23 14:26 L1620605

Volatile Organic Compounds (MS) by Method TO-15

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		95.2				WG2069125



















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Collected date/time: 05/24/23 12:44 L1620605

Volatile Organic Compounds (MS) by Method TO-15

	CAS#	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		95.8				WG2069125



















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HV-6 ET-1

SAMPLE RESULTS - 09

Collected date/time: 05/24/23 11:43

L1620605

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	2.08	6.64		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.2				WG2069125



















Collected date/time: 05/23/23 14:00 L1620605

Volatile Organic Compounds (MS) by Method TO-15

	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	<u>Batch</u>
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	2.38	7.60	99.5	318		10	WG2073831
Naphthalene	91-20-3	128	1.17	6.13	53.6	281		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		168		<u>J1</u>		WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		120				WG2073831







Sample Narrative:

L1620605-10 WG2069125: Surrogate failure due to matrix interference.













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HV-7 ET-1

SAMPLE RESULTS - 11

Collected date/time: 05/23/23 12:52

L1620605

	CAS#	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
Analyte			ppbv	ug/m3	ppbv	ug/m3			
Benzene	71-43-2	78.10	0.238	0.760	14.6	46.6		1	WG2069125
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2069125
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		102				WG2069125



















WG2069125

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (MS) by Method TO-15

L1620605-01,02,03,04,05,06,07,08,09,10,11

Method Blank (MB)

(MB) R3933777-2 05/31/23 10:29

(IVID) K3933777-2 U3/31/2	3 10.23			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ppbv		ppbv	ppbv
Benzene	U		0.0715	0.238
Naphthalene	U		0.350	1.17
(S) 1,4-Bromofluorobenzene	93.2			60.0-140







Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3933777-1 05/31/23 09:48 • (LCSD) R3933777-3 05/31/23 11:30

(200) 1100007777 1 00701/21	3 03.40 · (LCSL	2) 1(3333777 3	03/31/23 11.30	'						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%
Benzene	3.75	3.82	3.78	102	101	70.0-130			1.05	25
Naphthalene	3.75	3.10	3.09	82.7	82.4	70.0-159			0.323	25
(S) 1,4-Bromofluorobenzene				94.5	94.6	60.0-140				















WG2073831

QUALITY CONTROL SUMMARY

Volatile Organic Compounds (MS) by Method TO-15

L1620605-10

Method Blank (MB)

(MB) R3934731-3 06/08/2	3 11:56						
	MB Result	MB Qualifier	MB MDL	MB RDL			
Analyte	ppbv		ppbv	ppbv			
Benzene	U		0.0715	0.238			
(S) 1,4-Bromofluorobenzene	99.5			60.0-140			







Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3934731-1 06/08/2	(LCS) R3934731-1 06/08/23 08:53 • (LCSD) R3934731-2 06/08/23 09:36												
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits			
Analyte	ppbv	ppbv	ppbv	%	%	%			%	%			
Benzene	3.75	3.60	3.61	96.0	96.3	70.0-130			0.277	25			
(S) 1,4-Bromofluorobenzene				102	102	60.0-140							













GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the resureported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J1

Surrogate recovery limits have been exceeded; values are outside upper control limits.

















ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky 16	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	Al30792	Tennessee 1 4	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234



^{*} Not all certifications held by the laboratory are applicable to the results reported in the attached report.

TN00003

EPA-Crypto



















 $^{^* \, \}text{Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.} \\$

Company Name/Address: KPRG and Associates 14665 West Lisbon Road, Sui Brookfield, WI 53005				Attn: /	nformation Accounts laza Dr., S nont, IL 6	Payable ste. 106 0559	COC Signed/Accu Bottles arrive	Sample Receipt it/Intact: Y N irate: Y N intact: Y N iused: Y N ime sent: Y N mR/hr: Y N	VOA Zer Pres.Co	f Appl	licable dspace: _ /Check: _	F JULIET, TN a Road Mt Juliet, TN 37122	
Report To: Joshua D, Davenport					Email To: JoshuaD@KPRGINC.COM							Phone: 615-758-5858 Alt: 800-767-5859 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at:	
Project			City/State	e		_		Please Circle:	16.5			https://info.pacelabs.com/hubfs/pas- standard-terms.pdf	
Description: Komatsu			Collected	2 -1 10 40-1		<u> </u>		PT MT CT ET				SDG# 1620605	
Phone: 262-781-0475	Client Project # 17519			KRP	gect # GBWI-1	7519						1108	
Collected by (print):	Site/Facility I	Site/Facility ID #			17519				Summa		13	Acctnum: KRPGBWI Template: T230642	
SosM + KAELYN Collected by (signature):	Sa	Rush? (Lab MUST Be Notified)Same DayThree DayNext DayFive Day				2 Wez	ate Results Needed			ENZENÉ	NAPHTHALEN	Prelogin: P1000195 PM: 341-John Hawkins PB: 1923	
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Hv-4	020	306	01235	7 5	124	1150	-27	-2	Х	X	X	-04	
HV-5	820	159	00 7849	51	24	1426	- 21	-3	х	X	X	-07	
HV-6	02	0208	008358	5/2	14	1244	- 30	-4	Х	X	X	-08	
HV-6ET-1	020	575	005919	5/	24	1143	~30	-1	Х	X	X	-64	
HV-7	020	59	012398	5/2	1-3	1400	-29	-4	х	X	X	-10	
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								Analy	sis	Chain of Custody Page 2 of 2
	PRG and Associates, Inc. 665 West Lisbon Road, Suite 2B				Billing Information: Attn: Accounts Payable 414 Plaza Dr., Ste. 106 Westmont, IL 60559					Pace° PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Road Mt Juliet, TN 37122
Report To:			Email To: JoshuaD@KPRGINC.COM							12065 Lebanon Road Mr Junet, 18 37122 Phone: 615-758-5585 141: 800-767-55859 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-
Project Description: Lowars		City/State Collected:	MILWAUKEE Lab Project #	1 11	Please Circle: PT MT CT ET				standard-terms.pdf	
Phone: 262-781-0475	Client Project #			17519					10	Table #
	Site/Facility ID #		P.O. #		lts Noodod		na	(T)	ALEN	Acctnum: KRPGBWI Template: T230642
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He is Dule	Two Day	1110 001	Coll	ection	Canister Pr	ressure/Vacuum	T0-15	SG,	NA.	Shipped Via: FedEX Standard
Sample ID	Can #	Flow Cont. #	Date	Time	Initial	Final				Rem./Contaminant Sample # (lab only)
HV-7 ET-1	20299	011433	5/23	1252	-29	0	X	X	X	-11
AV-1-ALT *	020621	012357	5/24	1525	-29	-3	X	^	X	-12
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Relinquished by : (Signature) Date: Time:		Received	for lab by: (Signatur	Date: Time: 5/26/83 0900			NCF:			