State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 1 of 2

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information							
Site Name						DNR	ID # (BRRTS #)
Blackhawk Drycleaners						02-1	2-552357
Address				City		State	ZIP Code
700 East Blackhawk Avenu	ıe			Prai	rie du Chien	WI	53821
Responsible Party							
The person(s) responsible for	completing t	his enviror	nmental inv	estigation	ı is:		
Property Owner							
Redevelopment Authority ((RDA) of th	ne City of	f Prairie du	ı Chien			
Address	,			City		State	ZIP Code
P.O. Box 324				Prai	rie du Chien	WI	53821
Contact Person							r (include area code)
Chad Abram						(608	3) 326-6406
Person or company that collect	ted samples	3				_1	
SCS Engineers							
Sample Results (Results At	tached)						
Reason for Sampling:	Routine	Oth	er (define)	Home ar	nd sanitary sewer vapo	or screening	
The contaminants that have be	oon identifie	d at this tir	mo on prop	orty that y	you own or occupy inclu	do:	
The contaminants that have b	In Sc		In Groun		• •	Je.	
Contaminant	Yes	No_	Yes	No_			
Gasoline	$\overline{\bigcirc}$	$\overline{\bigcirc}$	$\overline{\bigcirc}$	$\overline{\bigcirc}$	This sampling	event included s	ampling of a
Diesel or Fuel Oil	\bigcirc	\bigcirc	\bigcirc	\bigcirc	drinking water		1 3
Solvents	lacktriangle	\bigcirc	ledot	\bigcirc	0,	Yes No	
Heavy Metals	\bigcirc	\bigcirc	\bigcirc	\bigcirc	If yes, the sam	pled drinking wa	ter well had
Pesticides	O	0	Ō	0	detectable con	taminants.	
Other:	O	\circ	O	O		Yes O No	
	<u>(</u>	Contamin	ants in Var	or_			
		Ye					
Indoor Air		•					
Sub-slab		•	_				
Exterior Soil Gas		lacktriangle	\bigcirc				

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

Matthew.Vitale@wisconsin.gov

Contact Information

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

of the following contacts:	arding this notifica	lion, or requests to	r additional informat	ion to the contact per	SON IISI	ed above, or to one
Environmental Consultant						
Company Name		Contact Perso	n Last Name	First Name		
SCS Engineers		Langdon		Robert		
Address			City		State	ZIP Code
2830 Dairy Drive			Madison		WI	53718
Phone # (inc. area code) (608) 212-3995	Email rlangdon@scse	engineers.com				
Select which agency: Natu	ıral Resources	 Agriculture 	, Trade and Consum	ner Protection		
State of Wisconsin Departn	nent of Natural F	Resources				
Contact Person Last Name Vitale		First Matt	Name			e # (inc. area code) 715) 492-1222
Address			City		State	ZIP Code
1300 West Clairemont Ave	enue		Eau Claire		WI	54701-6127
Email						

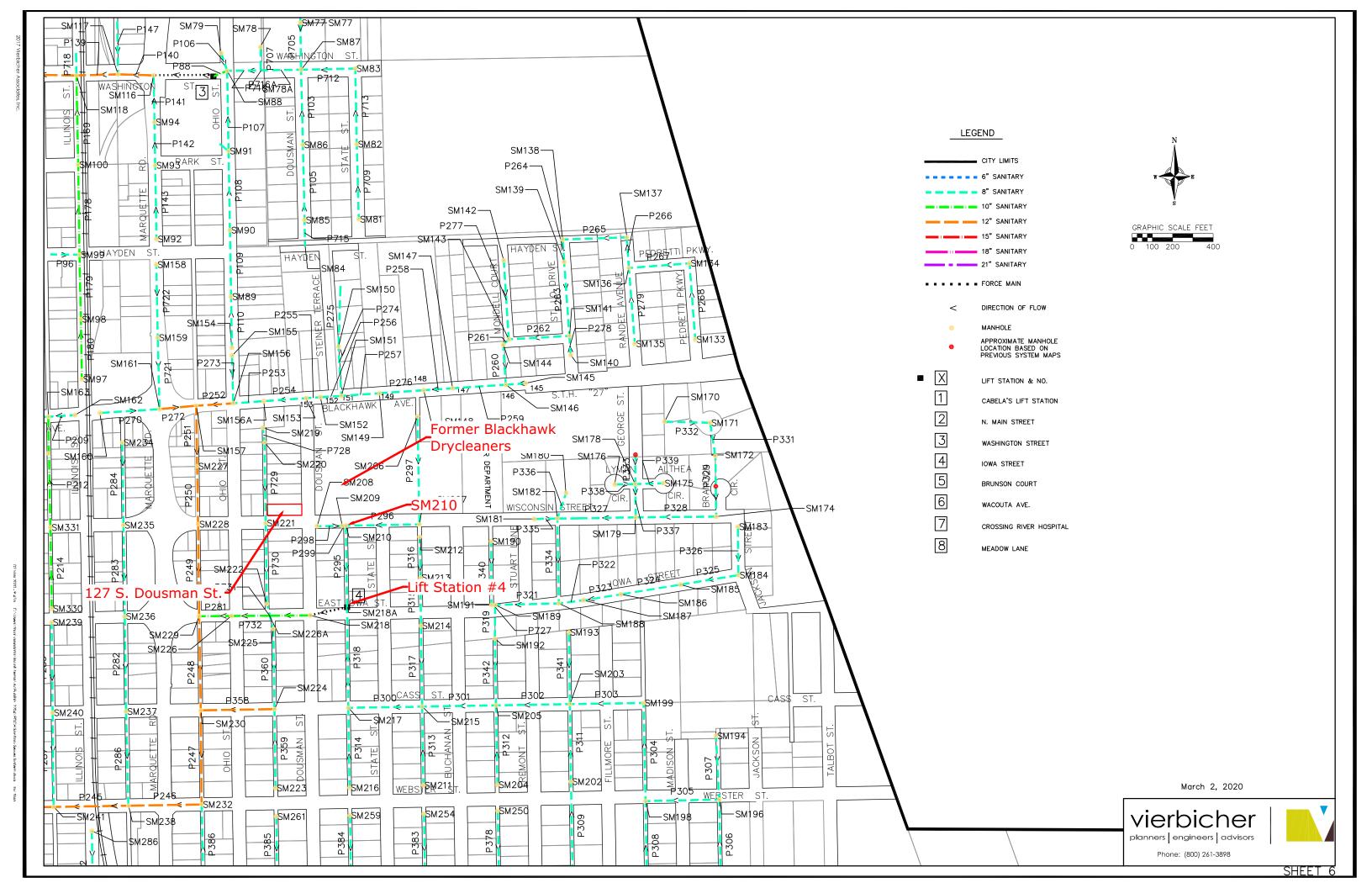


Table 1. Sub-Slab Vapor Analytical Results Summary Blackhawk Junction / SCS Engineers Project #25221094.00

(Results are in $\mu g/m^3$)

Sample	Location	Date	Lab Notes	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
127 S. Dousman SB	127 S. Dousman Street	10/6/2021		<u>3,210</u>	3.0	<0.33	<0.29	<0.15
Vapor Risk Screening Level (Residential Building)				1,400	70	NE	1,400	56
Vapor Risk Screening Level (Small Commercial Building)				5,800	290	NE	5,800	930
Vapor Risk Screening L	evel (Large Commercial	/Industrial Build	ding)	18,000	880	NE	18,000	2,800

Abbreviations:

 μ g/m³ = micrograms per cubic meter cis-1,2

cis-1,2-DCE = cis-1,2-dichloroethylene

-- = Not Applicable

trans-1,2-DCE = trans-1,2-dichloroethylene NE = Standard Not Established

Notes:

- 1. Sample collected in 6-liter summa canister over a 30-minute period and analyzed using the USEPA TO-15 analytical method.
- 2. Vapor Risk Screening Levels are from Wisconsin Department of Natural Resources Wisconsin Vapor Quick Look-Up Table dated September 2021.
- 3. **Bold+underlined** values meet or exceed Residential Vapor Risk Screening Levels.

Lab Notes:

none

 Created by: REO
 Date: 10/21/2021

 Last revision by: REO
 Date: 10/21/2021

 Checked by: AJR
 Date: 10/21/2021

 Proj Mgr QA/QC: REL
 Date: 10/22/2021

Table 2. Indoor Air Analytical Results Summary Blackhawk Junction / SCS Engineers Project #25221094.00

(Results are in $\mu g/m^3$)

Sample	Location	Date	Lab Notes	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
127 S. Dousman IA	127 S. Dousman Street	10/6/2021		12.1	<0.29	<0.29	0.31 J	<0.13
Indoor Air Vapor Actio	on Level (Residential Building)			42	2.1	NE	42	1.7
Indoor Air Vapor Actio	on Level (Commercial/Industrial)			180	8.8	NE	180	28

Abbreviations:

 μ g/m³ = micrograms per cubic meter trans-1,2-DCE = trans-1,2-dichloroethylene

cis-1,2-DCE = cis-1,2-dichloroethylene

NE = Standard Not Established

-- = Not Applicable

Notes:

- 1. Sample collected in 6-liter summa canister over a 24-hour period and analyzed using the USEPA TO-15 analytical method.
- 2. Vapor Action Levels are from Wisconsin Department of Natural Resources Wisconsin Vapor Quick Look-Up Table dated September 2021.
- 3. **Bold+underlined** values meet or exceed Residential Vapor Action Levels.

Lab Notes:

J - Estimated concentration at or above the limit of detection (LOD) and below the limit of quantification (LOQ).

 Created by: REO
 Date: 10/21/2021

 Last revision by: REO
 Date: 10/21/2021

 Checked by: AJR
 Date: 10/21/2021

 Proj Mgr QA/QC: REL
 Date: 10/22/2021

Table 3. Sanitary Sewer Gas Analytical Results Summary Blackhawk Junction / SCS Engineers Project #25221094.00

(Results are in $\mu g/m^3$)

Sample	Location	Date	Lab Notes	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SM210	Wisconsin Street Sewer Manhole	10/6/2021		1,290	20.3	41.7	0.83 J	1.8
Lift Station #4	Iowa Street Sewer Lift Station	10/6/2021		43.4	4.0	1.2 J	<0.29	0.55 J
Sanitary Sewer (Gas Screening Level (Residential)			1,400	70	NE	1,400	56
Sanitary Sewer (Gas Screening Level (Commercial/Ir	idustrial)	·	5,800	290	NE	5,800	930

Abbreviations:

μg/m³ = micrograms per cubic meter

cis-1,2-DCE = cis-1,2-dichloroethylene

-- = Not Applicable

trans-1,2-DCE = trans-1,2-dichloroethylene

NE = Standard Not Established

Notes:

- 1. Samples were collected in 6-liter summa canisters over a 30-minute period and analyzed using the USEPA TO-15 analytical method.
- 2. Sanitary Sewer Gas Screening Levels are from Wisconsin Department of Natural Resources Wisconsin Vapor Quick Look-Up Table dated September 2021.
- 3. <u>Bold+underlined</u> values meet or exceed Residential Sanitary Sewer Gas Vapor Risk Screening Levels.

Lab Notes:

J - Estimated concentration at or above the limit of detection (LOD) and below the limit of quantification (LOQ).

 Created by: REO
 Date: 10/21/2021

 Last revision by: REO
 Date: 10/21/2021

 Checked by: AJR
 Date: 10/21/2021

 Proj Mgr QA/QC: REL
 Date: 10/22/2021

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



October 20, 2021

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

RE: Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on October 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

• Pace Analytical Services - Minneapolis

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

Sincerely,

Kirsten Hogberg

Kingh Heaphof

kirsten.hogberg@pacelabs.com

(612)607-1700 Project Manager

Enclosures





CERTIFICATIONS

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air

A2LA Certification #: 2926.01* Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064 Arizona Certification #: AZ0014* Arkansas DW Certification #: MN00064 Arkansas WW Certification #: 88-0680 California Certification #: 2929 Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW

Certification #: via MN 027-053-137 Florida Certification #: E87605* Georgia Certification #: 959 Hawaii Certification #: MN00064 Idaho Certification #: MN00064 Illinois Certification #: 200011 Indiana Certification #: C-MN-01 Iowa Certification #: 368 Kansas Certification #: E-10167 Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062 Louisiana DEQ Certification #: AI-03086* Louisiana DW Certification #: MN00064 Maine Certification #: MN00064* Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240* Mississippi Certification #: MN00064

Montana Certification #: CERT0092 Nebraska Certification #: NE-OS-18-06 Nevada Certification #: MN00064 New Hampshire Certification #: 2081* New Jersey Certification #: MN002 New York Certification #: 11647* North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530 North Dakota Certification #: R-036 Ohio DW Certification #: 41244 Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110*

Oklahoma Certification #: 9507*

Missouri Certification #: 10100

Oregon Primary Certification #: MN300001 Oregon Secondary Certification #: MN200001* Pennsylvania Certification #: 68-00563* Puerto Rico Certification #: MN00064 South Carolina Certification #:74003001 Tennessee Certification #: TN02818 Texas Certification #: T104704192* Utah Certification #: MN00064* Vermont Certification #: VT-027053137 Virginia Certification #: 460163*

Washington Certification #: C486* West Virginia DEP Certification #: 382 West Virginia DW Certification #: 9952 C Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

*Please Note: Applicable air certifications are denoted with

an asterisk (*).





SAMPLE SUMMARY

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10582413001	127 S. Dousman SB	Air	10/06/21 11:08	10/08/21 14:38
10582413002	127 S. Dousman IA	Air	10/06/21 10:08	10/08/21 14:38



SAMPLE ANALYTE COUNT

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10582413001	127 S. Dousman SB	TO-15	AFV	5	PASI-M
10582413002	127 S. Dousman IA	TO-15	AFV	5	PASI-M

PASI-M = Pace Analytical Services - Minneapolis



SUMMARY OF DETECTION

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10582413001	127 S. Dousman SB					
TO-15 TO-15	Tetrachloroethene Trichloroethene	3210 3.0	ug/m3 ug/m3	35.3 0.93	10/20/21 12:45 10/16/21 00:11	
10582413002	127 S. Dousman IA					
TO-15 TO-15	trans-1,2-Dichloroethene Tetrachloroethene	0.31J 12.1	ug/m3 ug/m3	1.2 1.0	10/15/21 23:35 10/15/21 23:35	



ANALYTICAL RESULTS

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Date: 10/20/2021 04:14 PM

Sample: 127 S. Dousman SB	Lab ID:	10582413001	Collected	d: 10/06/2	1 11:08	Received: 10/	/08/21 14:38 Ma	atrix: Air	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical	Method: TO-15							
	Pace Anal	lytical Services	- Minneapo	lis					
cis-1,2-Dichloroethene	<0.33	ug/m3	1.4	0.33	1.71		10/16/21 00:11	156-59-2	
trans-1,2-Dichloroethene	<0.29	ug/m3	1.4	0.29	1.71		10/16/21 00:11	156-60-5	
Tetrachloroethene	3210	ug/m3	35.3	15.0	51.3		10/20/21 12:45	127-18-4	
Trichloroethene	3.0	ug/m3	0.93	0.34	1.71		10/16/21 00:11	79-01-6	
Vinyl chloride	<0.15	ug/m3	0.44	0.15	1.71		10/16/21 00:11	75-01-4	
Sample: 127 S. Dousman IA	Lab ID:	10582413002	Collected	d: 10/06/2	1 10:08	Received: 10/	/08/21 14:38 Ma	atrix: Air	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical	Method: TO-15							
	Pace Anal	lytical Services	- Minneapo	lis					
cis-1,2-Dichloroethene	<0.29	ug/m3	1.2	0.29	1.49		10/15/21 23:35	156-59-2	
trans-1,2-Dichloroethene	0.31J	ug/m3	1.2	0.25	1.49		10/15/21 23:35	156-60-5	
Tetrachloroethene	12.1	ug/m3	1.0	0.44	1.49		10/15/21 23:35	127-18-4	
T : 1 1 4	<0.29	ug/m3	0.81	0.29	1.49		10/15/21 23:35	79-01-6	
Trichloroethene	~0.23	ug/III3	0.01	0.20	1. 10				



QUALITY CONTROL DATA

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Date: 10/20/2021 04:14 PM

QC Batch: 777250 Analysis Method: TO-15

QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10582413001, 10582413002

METHOD BLANK: 4140204 Matrix: Air

Associated Lab Samples: 10582413001, 10582413002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	 ug/m3	<0.20	0.81	10/15/21 10:13	
Tetrachloroethene	ug/m3	< 0.29	0.69	10/15/21 10:13	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	10/15/21 10:13	
Trichloroethene	ug/m3	<0.20	0.55	10/15/21 10:13	
Vinyl chloride	ug/m3	< 0.087	0.26	10/15/21 10:13	

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	43.4	41.7	96	70-137	
Tetrachloroethene	ug/m3	73.4	77.0	105	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	41.4	95	70-130	
Trichloroethene	ug/m3	58.4	58.8	101	70-130	
Vinyl chloride	ug/m3	28	27.7	99	70-137	

SAMPLE DUPLICATE: 4142922						
		10582265001	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<1.3	<0.31		25	5
Tetrachloroethene	ug/m3	<1.1	< 0.47		25	5
trans-1,2-Dichloroethene	ug/m3	<1.3	< 0.27		25	5
Trichloroethene	ug/m3	<0.88	< 0.32		25	5
Vinyl chloride	ug/m3	< 0.42	< 0.14		25	<u>, </u>

SAMPLE DUPLICATE: 4142923		10582265003	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<1.2	<0.30		25	
Tetrachloroethene	ug/m3	<1.1	< 0.45		25	
trans-1,2-Dichloroethene	ug/m3	<1.2	1.2J		25	
Trichloroethene	ug/m3	<0.85	< 0.30		25	
Vinyl chloride	ug/m3	< 0.40	< 0.13		25	

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



QUALIFIERS

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

Date: 10/20/2021 04:14 PM





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25221094 Blackhawk Jct.

Pace Project No.: 10582413

Date: 10/20/2021 04:14 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10582413001	127 S. Dousman SB	TO-15	777250		
10582413002	127 S. Dousman IA	TO-15	777250		



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



49801 Section A Section B Section C of Page: Required Client Information: Required Project Information Invoice Information: Samo Program Copy To: Company Name: ☐ UST ☐ Superfund Emissions Clean Air Act Address: Voluntary Clean Up Dry Clean RCRA Other Pace Quote Reference: Reporting Units Location of Pace Project Manager/Sales Rep Sampling by State Requested Due Date 630 Pace Profile # Report Level Section D Required Client Information Canister Pressure (Final Field - in Hg) COLLECTED MEDIA CODE Tedlar Bag (Client AIR SAMPLE ID Flow 1 Liter Summa Can 1LC Summa Sample IDs MUST BE UNIQUE 6 Liter Summa Can 6LC Can Control PID Reading Low Volume Puff Number Number COMPOSITE START COMPOSITE ITEM 3 END/GRAB TIME TIME DATE Pace Lab ID 105-21 1036 10621 1060 -30-5 127 S. Dousman SB RELINQUISHED BY / AFFILIATION DATE ACCEPTED BY / AFFILIATION **SAMPLE CONDITIONS** Anayze for: FCR, TCE Ributtany Cis 12 DCR, Trons 12 DCF Vinyli Chlande 10/8/21 1439 X X X. Χ× X X Ϋ́ X Ϋ́ Custody Sealed Cooler SAMPLER NAME AND SIGNATURE Page 10 of Temp in ° Samples **ORIGINAL** DATE Signed (MM / DD / YY)

ace Analytical®

Document Name:

Sample Condition Upon Receipt (SCUR) - Air Document No.:

Document Revised: 24Mar2020 Page 1 of 1

Pace Analytical Services -

ENV-FRM-MIN4-0113 Rev 400#:10582413

Air Sample Condition Upon Receipt	Client Name	SCS		Pro	oject#:	DM. VAIL		ue Date:	10/15/21	
SONOR DELICATION OF THE PARTY O	Fed Ex	UPS SpeeDee	☐USPS ☐Comr	Client		PM: KNH CLIENT:	SCS Engi		10/ 10/ 22	
Tracking Number:	_		481		j [
Custody Seal on Cooler	/Box Present?	Yes	No	Seals Intact?	☐Yes	No				
Packing Material:	Bubble Wrap	Bubble B	ags 🏋 Foa	am None	Tin	Can Other	·	Temp	Blank rec: []Yes Z No
Temp. (TO17 and TO13 sar	nples only) (°C)		Corrected Ter	mp (°C):			Thermon	neter Used:	☐G87A917 ☐G87A915	
Temp should be above fre	ezing to 6°C	Correction Fact	or:	-	Da	te & Initials of Po	erson Examini	ng Contents:	R610	18/21
Type of ice Received	Blue Wet	None								
								Comments:		
Chain of Custody Present?			X			1.				
Chain of Custody Filled Ou			(X)			2.				
Chain of Custody Relinquis			[2]			3.				
Sampler Name and/or Sign				Yes No	□N/A	4.				
Samples Arrived within Ho Short Hold Time Analysis (\(\rightarrow\)	Yes □No Yes ∑ No		5. 6.				
Rush Turn Around Time Re				Yes No		7.				
Sufficient Volume? Correct Containers Used?			X 0	Yes No		8.				
(Tedlar bags not accep	table contai	ner for TO-1	4,							
TO-15 or APH)			X	Account of		9.				
-Pace Containers Used?			The state of the s	YesNo						
Containers Intact?										
(visual inspection/no l Media: Air Can	eaks when p		TDT F	Yes No Passive		10.	ild II. Cardi	Elad Carra V	(1) (1) to the in-	h samples!
						11. Indi	vidually Certi	fied Cans Y	N (jist which	ch samples)
Is sufficient information av the COC?	allable to reco	ncile samples to) (<u>)</u>	res No		12.				
Do cans need to be pressur (DO NOT PRESSURIZ		M 1946!!!)	(X)	∕es □No		13.				
(50 110 1 7 1125 5 1112] 10AIR26	10AIR34	1 10		1097			
			JUAINZO	WITOAIN34		WIII CL				
	Cani	sters Flow	Initial	Final			Ca	nisters Flow	Initial	Final
Sample Number	Can ID	Controller	Pressure	Pressure	Samp	ole Number	Can ID	Controller	Pressure	Pressure
SD	1579	1646	-6,5	+5						
TA	1733	1834	-3	И						
<i>T/</i>										
								-		
					L					
CLIENT NOTIFICATION/I	PESOLUTION						Field Dat	a Required?	Пуез Пл	0
					Date	e/Time:				
Comments/Reso	Jiution:									
	1/: /)) (

Project Manager Review: Date: 10/9/2021

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (Pageut * off 14 hold, incorrect preservative, out of temp, incorrect containers) Date: 10/9/2021



Pace Analytical Services, LLC 1700 Elm Street, Suite 200 Minneapolis, MN 55414 Phone: 612.607.1700

Fax: 612.607.6444

ANALYTICAL RESULTS

Client: SCS Engineers Lab Project Number: 10582413

Phone: 843.746.8525 Project Name: 25221094 Blackhawk Jct.

Lab Sample No: 10582413001 ProjSampleNum: 10582413001 Date Collected: 10/06/21 11:08

Client Sample ID: 127 S. Dousman SB Matrix: Air Date Received: 10/08/21 14:38

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air TO-15							
	0.000	and the co	0.05	4 74	40/40/04 0 44 AFV	450 50 0	
cis-1,2-Dichloroethene	<0.082	ppbv	0.35	1.71	10/16/21 0:11 AFV	156-59-2	
Tetrachloroethene	466	ppbv	5.1	51.3	10/20/21 12:45 AFV	127-18-4	
trans-1,2-Dichloroethene	< 0.072	ppbv	0.35	1.71	10/16/21 0:11 AFV	156-60-5	
Trichloroethene	0.55	ppbv	0.17	1.71	10/16/21 0:11 AFV	79-01-6	
Vinyl chloride	<0.058	ppbv	0.17	1.71	10/16/21 0:11 AFV	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.



Pace Analytical Services, LLC 1700 Elm Street, Suite 200 Minneapolis, MN 55414 Phone: 612.607.1700 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: SCS Engineers Lab Project Number: 10582413

Phone: 843.746.8525 Project Name: 25221094 Blackhawk Jct.

Lab Sample No: 10582413002 ProjSampleNum: 10582413002 Date Collected: 10/06/21 10:08

Client Sample ID: 127 S. Dousman IA Matrix: Air Date Received: 10/08/21 14:38

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air TO-15							
10-15							
cis-1,2-Dichloroethene	< 0.072	ppbv	0.3	1.49	10/15/21 23:35 AFV	156-59-2	
Tetrachloroethene	1.8	ppbv	0.15	1.49	10/15/21 23:35 AFV	127-18-4	
trans-1,2-Dichloroethene	0.077J	ppbv	0.3	1.49	10/15/21 23:35 AFV	156-60-5	
Trichloroethene	< 0.053	ppbv	0.15	1.49	10/15/21 23:35 AFV	79-01-6	
Vinyl chloride	< 0.05	ppbv	0.15	1.49	10/15/21 23:35 AFV	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT



Pace Analytical Services, LLC 1700 Elm Street, Suite 200 Minneapolis, MN 55414 Phone: 612.607.1700 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: SCS Engineers Lab Project Number: 10582413

Phone: 843.746.8525 Project Name: 25221094 Blackhawk Jct.

PARAMETER FOOTNOTES

SUPPLEMENTAL REPORT





October 20, 2021

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

RE: Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on October 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

• Pace Analytical Services - Minneapolis

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

Sincerely,

Kirsten Hogberg

Kingh Heaphof

kirsten.hogberg@pacelabs.com

(612)607-1700 Project Manager

Enclosures





CERTIFICATIONS

Project: 25221094.020 Blackhawk Junctio

10582412 Pace Project No.:

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air

A2LA Certification #: 2926.01* Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064 Arizona Certification #: AZ0014* Arkansas DW Certification #: MN00064 Arkansas WW Certification #: 88-0680 California Certification #: 2929 Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW

Certification #: via MN 027-053-137 Florida Certification #: E87605* Georgia Certification #: 959 Hawaii Certification #: MN00064 Idaho Certification #: MN00064 Illinois Certification #: 200011 Indiana Certification #: C-MN-01 Iowa Certification #: 368 Kansas Certification #: E-10167

Kentucky DW Certification #: 90062 Kentucky WW Certification #: 90062 Louisiana DEQ Certification #: AI-03086* Louisiana DW Certification #: MN00064

Maine Certification #: MN00064* Maryland Certification #: 322 Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240* Mississippi Certification #: MN00064

Missouri Certification #: 10100 Montana Certification #: CERT0092 Nebraska Certification #: NE-OS-18-06 Nevada Certification #: MN00064

New Hampshire Certification #: 2081* New Jersey Certification #: MN002 New York Certification #: 11647*

North Carolina DW Certification #: 27700 North Carolina WW Certification #: 530 North Dakota Certification #: R-036 Ohio DW Certification #: 41244 Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110*

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001 Oregon Secondary Certification #: MN200001* Pennsylvania Certification #: 68-00563* Puerto Rico Certification #: MN00064 South Carolina Certification #:74003001 Tennessee Certification #: TN02818 Texas Certification #: T104704192* Utah Certification #: MN00064*

Vermont Certification #: VT-027053137 Virginia Certification #: 460163* Washington Certification #: C486* West Virginia DEP Certification #: 382 West Virginia DW Certification #: 9952 C Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

*Please Note: Applicable air certifications are denoted with

an asterisk (*).





SAMPLE SUMMARY

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10582412001	SM210	Air	10/06/21 08:15	10/08/21 14:38
10582412002	Lift Station #4	Air	10/06/21 09:25	10/08/21 14:38



SAMPLE ANALYTE COUNT

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10582412001	SM210	TO-15	AFV	5	PASI-M
10582412002	Lift Station #4	TO-15	AFV	5	PASI-M

PASI-M = Pace Analytical Services - Minneapolis



SUMMARY OF DETECTION

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10582412001	SM210					
TO-15	cis-1,2-Dichloroethene	41.7	ug/m3	1.3	10/16/21 01:22	
TO-15	trans-1,2-Dichloroethene	0.83J	ug/m3	1.3	10/16/21 01:22	
TO-15	Tetrachloroethene	1290	ug/m3	22.2	10/20/21 12:14	
TO-15	Trichloroethene	20.3	ug/m3	0.90	10/16/21 01:22	
TO-15	Vinyl chloride	1.8	ug/m3	0.43	10/16/21 01:22	
10582412002	Lift Station #4					
TO-15	cis-1,2-Dichloroethene	1.2J	ug/m3	1.4	10/19/21 17:05	
TO-15	Tetrachloroethene	43.4	ug/m3	1.2	10/19/21 17:05	
TO-15	Trichloroethene	4.0	ug/m3	1.9	10/19/21 17:05	
TO-15	Vinyl chloride	0.55J	ug/m3	0.91	10/19/21 17:05	



ANALYTICAL RESULTS

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Date: 10/20/2021 04:13 PM

Sample: SM210	Lab ID:	10582412001	Collected:	10/06/2	1 08:15	Received: 10/	08/21 14:38 Ma	atrix: Air	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical	Method: TO-15							
	Pace Anal	ytical Services	- Minneapolis	s					
cis-1,2-Dichloroethene	41.7	ug/m3	1.3	0.32	1.64		10/16/21 01:22	156-59-2	
trans-1,2-Dichloroethene	0.83J	ug/m3	1.3	0.28	1.64		10/16/21 01:22	156-60-5	
Tetrachloroethene	1290	ug/m3	22.2	9.4	32.2		10/20/21 12:14	127-18-4	
Trichloroethene	20.3	ug/m3	0.90	0.32	1.64		10/16/21 01:22	79-01-6	
Vinyl chloride	1.8	ug/m3	0.43	0.14	1.64		10/16/21 01:22	75-01-4	
Sample: Lift Station #4	Lab ID:	10582412002	Collected:	10/06/2	1 09:25	Received: 10/	08/21 14:38 Ma	atrix: Air	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical	Method: TO-15							
	Pace Anal	ytical Services	- Minneapolis	s					
cis-1,2-Dichloroethene	1.2J	ug/m3	1.4	0.34	1.75		10/19/21 17:05	156-59-2	
trans-1,2-Dichloroethene	<0.29	ug/m3	1.4	0.29	1.75		10/19/21 17:05	156-60-5	
Tetrachloroethene	43.4	ug/m3	1.2	0.51	1.75		10/19/21 17:05	127-18-4	
Trichloroethene	4.0	ug/m3	1.9	0.34	1.75		10/19/21 17:05	79-01-6	
rrichioroethene	7.0	ug/IIIO	1.0	0.0 1	1		,, =	10010	



QUALITY CONTROL DATA

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Date: 10/20/2021 04:13 PM

QC Batch: 777250 Analysis Method: TO-15

QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10582412001

METHOD BLANK: 4140204 Matrix: Air

Associated Lab Samples: 10582412001

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.20	0.81	10/15/21 10:13	
Tetrachloroethene	ug/m3	<0.29	0.69	10/15/21 10:13	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	10/15/21 10:13	
Trichloroethene	ug/m3	<0.20	0.55	10/15/21 10:13	
Vinyl chloride	ug/m3	< 0.087	0.26	10/15/21 10:13	

LABORATORY CONTROL SAMPLE:	4140205				_	
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	43.4	41.7	96	70-137	
Tetrachloroethene	ug/m3	73.4	77.0	105	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	41.4	95	70-130	
Trichloroethene	ug/m3	58.4	58.8	101	70-130	
Vinyl chloride	ug/m3	28	27.7	99	70-137	

SAMPLE DUPLICATE: 4142922		10582265001	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<1.3	<0.31		25	5
Tetrachloroethene	ug/m3	<1.1	< 0.47		25	5
trans-1,2-Dichloroethene	ug/m3	<1.3	< 0.27		25	5
Trichloroethene	ug/m3	<0.88	< 0.32		25	5
Vinyl chloride	ug/m3	< 0.42	< 0.14		25	5

SAMPLE DUPLICATE: 4142923		10582265003	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<1.2	<0.30		25	
Tetrachloroethene	ug/m3	<1.1	< 0.45		25	
trans-1,2-Dichloroethene	ug/m3	<1.2	1.2J		25	
Trichloroethene	ug/m3	<0.85	< 0.30		25	
Vinyl chloride	ug/m3	<0.40	<0.13		25	

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



QUALITY CONTROL DATA

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Date: 10/20/2021 04:13 PM

QC Batch: 777919 Analysis Method: TO-15

QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10582412002

METHOD BLANK: 4143499 Matrix: Air

Associated Lab Samples: 10582412002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.098	0.40	10/19/21 14:29	·
Tetrachloroethene	ug/m3	<0.15	0.34	10/19/21 14:29	
trans-1,2-Dichloroethene	ug/m3	< 0.084	0.40	10/19/21 14:29	
Trichloroethene	ug/m3	< 0.098	0.55	10/19/21 14:29	MN
Vinyl chloride	ug/m3	< 0.043	0.26	10/19/21 14:29	MN

LABORATORY CONTROL SAMPLE: 4143500 Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers cis-1,2-Dichloroethene ug/m3 41 38.9 95 70-137 Tetrachloroethene ug/m3 69.9 69.6 100 70-130 trans-1,2-Dichloroethene ug/m3 40.8 36.5 89 70-130 Trichloroethene ug/m3 55.7 95 70-130 53.1 Vinyl chloride ug/m3 26.6 21.4 81 70-137

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



QUALIFIERS

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 10/20/2021 04:13 PM

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





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25221094.020 Blackhawk Junctio

Pace Project No.: 10582412

Date: 10/20/2021 04:13 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10582412001	SM210	TO-15	777250		
10582412002	Lift Station #4	TO-15	777919		



AIR: CHAIN-OF-CUSTODY /

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



51936 Page: Section C of Section B Section A Required Project Information Required Client Information: Invoice Information: Sauce Program thernseers Company Name: Emissions T ☐ UST ☐ Superfund Address: RCRA T Other Voluntary Clean Up Purchase Order No.: Pace Quote Reference: Location of Pace Project Manager/Sales Rep. Sampling by State IV. Other Report Level Canister Pressure (Final Field - in Hg) Reading (Client only) COLLECTED Method: 'Section D Required Client Information Canister Pressure (Initial Field - in Hg) **MEDIA** CODE Tedlar Bag AIR SAMPLE ID Flow Summa 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Sample IDs MUST BE UNIQUE Control Can MEDIA CODE Low Volume Puff High Volume Puff Number Number COMPOSITE -END/GRAB COMPOSITE START ITEM TIME TIME Pace Lab ID RELINQUISHED BY / AFFILIATION DATE ACCEPTED BY / AFFILIATION DATE TIME SAMPLE CONDITIONS Analyze for PCE, TCE, Cis 12 DCE, Trans 12 DCE, Vinyl Chloride XX Χ× X Ϋ́ Χ× Ϋ́ Ϋ́ Ϋ́ Custody Sealed Cooler Received on Ice SAMPLER NAME AND SIGNATURE Temp in °C Page 11 **ORIGINAL**

ace Analytical

Document Name:

Sample Condition Upon Receipt (SCUR) - Air

Document No.:

Document Revised: 24Mar2020

Page 1 of 1

Pace Analytical Services -

ENV-FRM-MIN4-0113 Rev

Project #: Air Sample Condition Client Name: **Upon Receipt** PM: KNH Due Date: 10/15/21 Courier: USPS Client Fed Ex UPS CLIENT: SCS Engineer Commercial See Exception Pace SpeeDee Tracking Number: 9753 725 No MNO Custody Seal on Cooler/Box Present? Seals Intact? Yes Temp Blank rec: ☐Yes XNo Foam None Tin Can Other: Packing Material: Bubble Wrap Bubble Bags G87A9170600254 Thermometer Used: Temp. (TO17 and TO13 samples only) (°C): Corrected Temp (°C): Date & Initials of Person Examining Contents: Temp should be above freezing to 6°C Correction Factor: Type of ice Received Blue Wet None Comments: Yes No 1. Chain of Custody Present? XYes No 2. Chain of Custody Filled Out? Yes No 3. Chain of Custody Relinquished? Yes □No 4. Sampler Name and/or Signature on COC? N/A Yes □No 5. Samples Arrived within Hold Time? 6. Yes No Short Hold Time Analysis (<72 hr)? **Rush Turn Around Time Requested?** Yes **₩**No 7. No 8. Sufficient Volume? **X**Yes Correct Containers Used? (Tedlar bags not acceptable container for TO-14, 9. Yes No TO-15 or APH) -Pace Containers Used? XYes No Containers Intact? (visual inspection/no leaks when pressurized) 10. XYes No **Passive** Filter Air Can Airbag Individually Certified Cans ist which samples) 11. Is sufficient information available to reconcile samples to 12. □No the COC? Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!) 13. No Gauge # 10AIR26 X 10AIR34 □ 10AIR35 **14097** Canisters Canisters Initial Final Flow Initial Final Flow Can ID Controller Pressure Pressure Pressure Pressure Sample Number Can ID Controller Sample Number M Field Data Required? Yes No CLIENT NOTIFICATION/RESOLUTION Date/Time: Person Contacted: Comments/Resolution:

Date:



Pace Analytical Services, LLC 1700 Elm Street, Suite 200 Minneapolis, MN 55414 Phone: 612.607.1700

Fax: 612.607.6444

ANALYTICAL RESULTS

Client: SCS Engineers Lab Project Number: 10582412

Phone: 843.746.8525 Project Name: 25221094.020 Blackhawk Junctio

Lab Sample No: 10582412001 ProjSampleNum: 10582412001 Date Collected: 10/06/21 8:15

Client Sample ID: SM210 Matrix: Air Date Received: 10/08/21 14:38

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air TO-15							
cis-1,2-Dichloroethene	10.3	vdqq	0.32	1.64	10/16/21 1:22 AFV	156-59-2	
Tetrachloroethene	187	ppbv	3.2	32.2	10/20/21 12:14 AFV	127-18-4	
trans-1,2-Dichloroethene	0.21J	ppbv	0.32	1.64	10/16/21 1:22 AFV	156-60-5	
Trichloroethene	3.7	ppbv	0.16	1.64	10/16/21 1:22 AFV	79-01-6	
Vinyl chloride	0.69	ppbv	0.17	1.64	10/16/21 1:22 AFV	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.



Pace Analytical Services, LLC 1700 Elm Street, Suite 200 Minneapolis, MN 55414 Phone: 612.607.1700

Fax: 612.607.6444

ANALYTICAL RESULTS

Client: SCS Engineers Lab Project Number: 10582412

Phone: 843.746.8525 Project Name: 25221094.020 Blackhawk Junctio

 Lab Sample No:
 10582412002
 ProjSampleNum:
 10582412002
 Date Collected:
 10/06/21 9:25

 Client Sample ID:
 Lift Station #4
 Matrix: Air
 Date Received:
 10/08/21 14:38

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air TO-15							
	0.3J	nnhu	0.35	1.75	10/19/21 17:05 AFV	156-59-2	
cis-1,2-Dichloroethene		ppbv					
Tetrachloroethene	6.3	ppbv	0.17	1.75	10/19/21 17:05 AFV	127-18-4	
trans-1,2-Dichloroethene	< 0.072	ppbv	0.35	1.75	10/19/21 17:05 AFV	156-60-5	
Trichloroethene	0.73	ppbv	0.35	1.75	10/19/21 17:05 AFV	79-01-6	
Vinyl chloride	0.21J	ppbv	0.35	1.75	10/19/21 17:05 AFV	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.



Pace Analytical Services, LLC 1700 Elm Street, Suite 200 Minneapolis, MN 55414 Phone: 612.607.1700 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: SCS Engineers Lab Project Number: 10582412

Phone: 843.746.8525 Project Name: 25221094.020 Blackhawk Junctio

PARAMETER FOOTNOTES

SUPPLEMENTAL REPORT