Industrial Waste Program Monthly Self-Monitoring Report

King County

Send to: King County Industrial Waste Program
201 S. Jackson Street, Suite 513
Seattle, WA 98104-3855
Phone 206-477-5300
Email: info.kciw@kingcounty.gov

Company Name: Jay's Cleaners - Circle K 1461 Treatment System **Sample Site No.** IW1594A **Permit/DA No.:** 4614-01

Please Specify Month & Year: **Month:** April **2025**

This form is available at: www.kingcounty.gov/industrialwaste.

All units are mg/L unless otherwise noted.

Sample Date	NP Fats, Oils, and Grease (Average of 3 grabs)	Benzene	Ethylbenzene	Toluene	Total Xylenes		Trichloro-ethylene	Cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene	Trans-1,2-Dichloro-ethylene	Vinyl Chloride	Daily Flow (gallons per day)	Notes
1												486	
2												486	
3												486	
4												486	
5												972	
6												972	
7												972	
8												972	
9												972	
10												972	
11												972	
12												673	
13												673	
14												673	
15												673	
16												860	
17												860	
18												860	
19												584	
20												584	
21												584	
22												584	
23												761	
24												761	
25												761	
26												472	
27												472	
28	<6.0 <5.8 <5.9	<0.001	<0.001	<0.001	<0.003		<0.001	<0.001	<0.001	<0.001	<0.001	472	

Notes
If relief only, indicate why discharging to sanitary sewer.

System gravity discharged to sanitary sewer in batches. Sample collected from sample port after liquid GAC units on treatment train prior to storage tank.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

05/15/2025
Date

Signature of Principal Executive or Authorized Agent

Sample Date	NP Fats, Oils, and Grease (Average of 3 grabs)	Benzene	Ethylbenzene	Toluene	Total Xylenes		Trichloro-ethylene	Cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene	Trans-1,2-Dichloro-ethylene	Vinyl Chloride	Daily Flow (gallons per day)	Notes If relief only, indicate why discharging to sanitary sewer. System gravity discharged to sanitary sewer in batches. Sample collected from sample port after liquid GAC units on treatment train prior to storage tank.
29												472	
30												472	

Monthly Min pH	Not applicable	& Date	Not applicable	Total Monthly Flow (gallons)	20,999 gallons	
Monthly Max pH	Not applicable	& Date	Not applicable	Maximum Daily Flow	972	& Date 4/5/2025-4/11/2025

PLEASE CIRCLE ALL VIOLATIONS

Due Date: Monthly report is due by the 15th each month.

ANALYTICAL REPORT

May 21, 2025

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

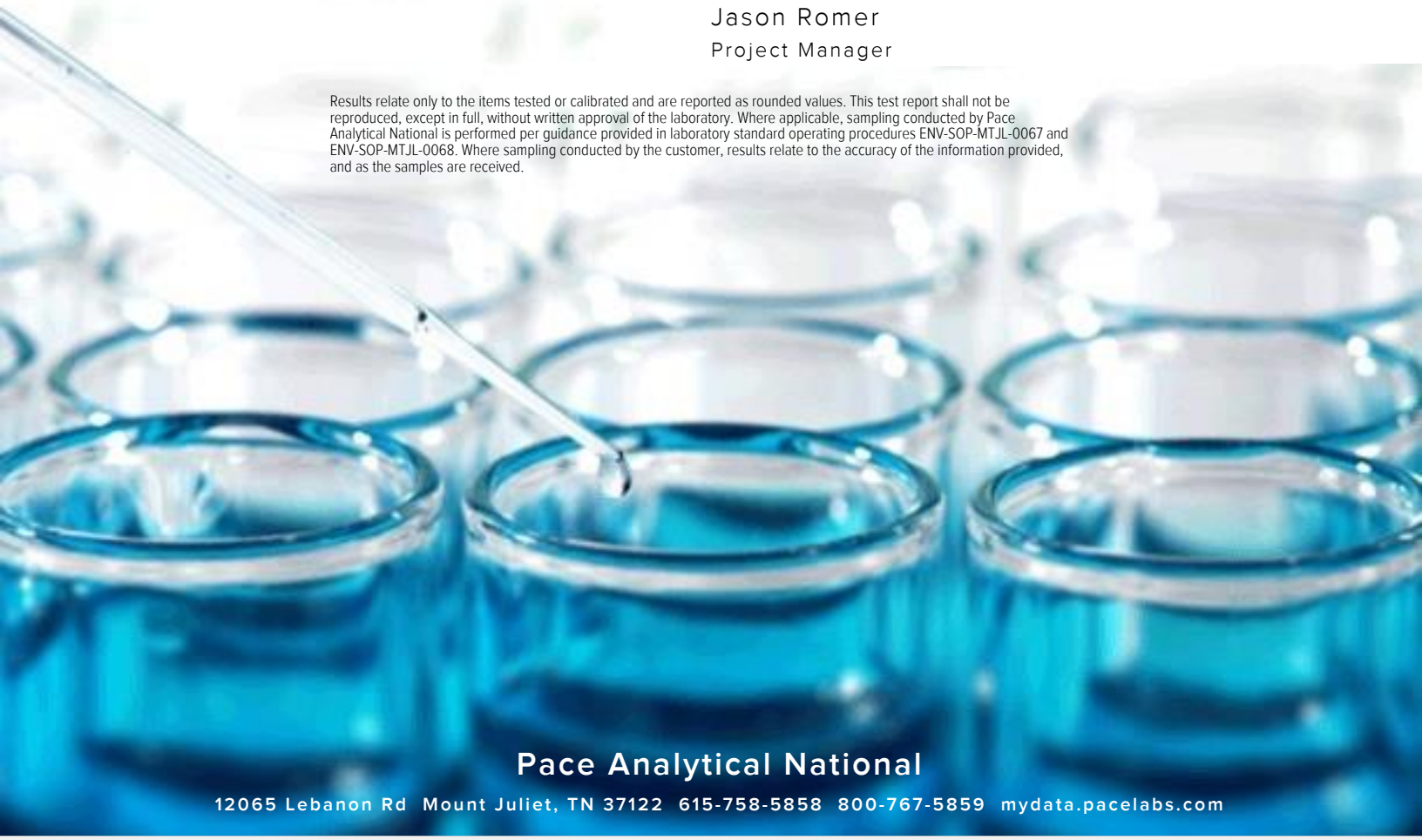
Engineering/Remediation Resources Group

Sample Delivery Group:	L1852469
Samples Received:	04/26/2025
Project Number:	20230065
Description:	Former Cicle K
Site:	1461
Report To:	Jennifer Sonnichsen 15333 NE 90th Street Ste 100 Redmond, WA 98052

Entire Report Reviewed By:

Jason Romer
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 mydata.pacelabs.com

TABLE OF CONTENTS

LG-404-EFF-20250425 L1852469-01

Collected by: ERRG | Collected date/time: 04/25/25 11:25 | Received date/time: 04/26/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2502873	1	04/29/25 21:37	04/29/25 21:37	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503012	1	04/30/25 09:27	04/30/25 09:27	ACG	Mt. Juliet, TN
Subcontracted Analyses	WG2501564	1	05/19/25 00:00	05/19/25 00:00	-	Minneapolis, MN 55414

DUP-1-20250425 L1852469-02

Collected by: ERRG | Collected date/time: 04/25/25 11:35 | Received date/time: 04/26/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2502873	1	04/29/25 21:58	04/29/25 21:58	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503012	1	04/30/25 09:51	04/30/25 09:51	ACG	Mt. Juliet, TN
Subcontracted Analyses	WG2501564	1	05/19/25 00:00	05/19/25 00:00	-	Minneapolis, MN 55414

LG-402-MID-20250425 L1852469-03

Collected by: ERRG | Collected date/time: 04/25/25 12:00 | Received date/time: 04/26/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2502873	1	04/29/25 22:20	04/29/25 22:20	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503012	1	04/30/25 10:15	04/30/25 10:15	ACG	Mt. Juliet, TN
Subcontracted Analyses	WG2501564	1	05/19/25 00:00	05/19/25 00:00	-	Minneapolis, MN 55414

LG-401-INF-20250425 L1852469-04

Collected by: ERRG | Collected date/time: 04/25/25 12:15 | Received date/time: 04/26/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2502873	1	04/29/25 22:41	04/29/25 22:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503012	1	04/30/25 10:38	04/30/25 10:38	ACG	Mt. Juliet, TN
Subcontracted Analyses	WG2501564	1	05/19/25 00:00	05/19/25 00:00	-	Minneapolis, MN 55414

DUP-2-20250425 L1852469-05

Collected by: ERRG | Collected date/time: 04/25/25 11:45 | Received date/time: 04/26/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG2501564	1	05/19/25 00:00	05/19/25 00:00	-	Minneapolis, MN 55414

TB-1-20250425 L1852469-06

Collected by: ERRG | Collected date/time: 04/25/25 12:30 | Received date/time: 04/26/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2502459	1	04/29/25 13:18	04/29/25 13:18	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503621	1	04/30/25 18:10	04/30/25 18:10	KST	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.

Jason Romer
Project Manager

Project Narrative

L1852469 -01, -02, -03, -04, -05 contains subout data that is included after the chain of custody.

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	04/29/2025 21:37	WG2502873
(S) a,a,a-Trifluorotoluene(FID)	*92.5*		*78.0-120*		*04/29/2025 21:37*	WG2502873

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/30/2025 09:27	WG2503012
Ethylbenzene	ND		1.00	1	04/30/2025 09:27	WG2503012
Toluene	ND		1.00	1	04/30/2025 09:27	WG2503012
Xylenes, Total	ND		3.00	1	04/30/2025 09:27	WG2503012
Trichloroethene	ND		1.00	1	04/30/2025 09:27	WG2503012
cis-1,2-Dichloroethene	ND		1.00	1	04/30/2025 09:27	WG2503012
trans-1,2-Dichloroethene	ND		1.00	1	04/30/2025 09:27	WG2503012
Tetrachloroethene	ND		1.00	1	04/30/2025 09:27	WG2503012
Vinyl chloride	ND		1.00	1	04/30/2025 09:27	WG2503012
(S) Toluene-d8	*104*		*80.0-120*		*04/30/2025 09:27*	WG2503012
(S) 4-Bromofluorobenzene	*99.4*		*77.0-126*		*04/30/2025 09:27*	WG2503012
(S) 1,2-Dichloroethane-d4	*96.2*		*70.0-130*		*04/30/2025 09:27*	WG2503012

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	04/29/2025 21:58	WG2502873
(S) a,a,a-Trifluorotoluene(FID)	*93.8*		*78.0-120*		*04/29/2025 21:58*	WG2502873

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/30/2025 09:51	WG2503012
Ethylbenzene	ND		1.00	1	04/30/2025 09:51	WG2503012
Toluene	ND		1.00	1	04/30/2025 09:51	WG2503012
Xylenes, Total	ND		3.00	1	04/30/2025 09:51	WG2503012
Trichloroethene	ND		1.00	1	04/30/2025 09:51	WG2503012
cis-1,2-Dichloroethene	ND		1.00	1	04/30/2025 09:51	WG2503012
trans-1,2-Dichloroethene	ND		1.00	1	04/30/2025 09:51	WG2503012
Tetrachloroethene	ND		1.00	1	04/30/2025 09:51	WG2503012
Vinyl chloride	ND		1.00	1	04/30/2025 09:51	WG2503012
(S) Toluene-d8	*105*		*80.0-120*		*04/30/2025 09:51*	WG2503012
(S) 4-Bromofluorobenzene	*96.9*		*77.0-126*		*04/30/2025 09:51*	WG2503012
(S) 1,2-Dichloroethane-d4	*99.7*		*70.0-130*		*04/30/2025 09:51*	WG2503012

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	04/29/2025 22:20	WG2502873
(S) a,a,a-Trifluorotoluene(FID)	*94.0*		*78.0-120*		*04/29/2025 22:20*	WG2502873

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/30/2025 10:15	WG2503012
Ethylbenzene	ND		1.00	1	04/30/2025 10:15	WG2503012
Toluene	ND		1.00	1	04/30/2025 10:15	WG2503012
Xylenes, Total	ND		3.00	1	04/30/2025 10:15	WG2503012
Trichloroethene	ND		1.00	1	04/30/2025 10:15	WG2503012
cis-1,2-Dichloroethene	ND		1.00	1	04/30/2025 10:15	WG2503012
trans-1,2-Dichloroethene	ND		1.00	1	04/30/2025 10:15	WG2503012
Tetrachloroethene	ND		1.00	1	04/30/2025 10:15	WG2503012
Vinyl chloride	ND		1.00	1	04/30/2025 10:15	WG2503012
(S) Toluene-d8	*103*		*80.0-120*		*04/30/2025 10:15*	WG2503012
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*04/30/2025 10:15*	WG2503012
(S) 1,2-Dichloroethane-d4	*97.6*		*70.0-130*		*04/30/2025 10:15*	WG2503012

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Gasoline Range Organics-NWTPH	152		100	1	04/29/2025 22:41	WG2502873
(S) a,a,a-Trifluorotoluene(FID)	*94.2*		*78.0-120*		*04/29/2025 22:41*	WG2502873

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	04/30/2025 10:38	WG2503012
Ethylbenzene	ND		1.00	1	04/30/2025 10:38	WG2503012
Toluene	ND		1.00	1	04/30/2025 10:38	WG2503012
Xylenes, Total	ND		3.00	1	04/30/2025 10:38	WG2503012
Trichloroethene	ND		1.00	1	04/30/2025 10:38	WG2503012
cis-1,2-Dichloroethene	ND		1.00	1	04/30/2025 10:38	WG2503012
trans-1,2-Dichloroethene	ND		1.00	1	04/30/2025 10:38	WG2503012
Tetrachloroethene	15.9		1.00	1	04/30/2025 10:38	WG2503012
Vinyl chloride	ND		1.00	1	04/30/2025 10:38	WG2503012
(S) Toluene-d8	*102*		*80.0-120*		*04/30/2025 10:38*	WG2503012
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*04/30/2025 10:38*	WG2503012
(S) 1,2-Dichloroethane-d4	*94.9*		*70.0-130*		*04/30/2025 10:38*	WG2503012

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	04/29/2025 13:18	WG2502459
(S) a,a,a-Trifluorotoluene(FID)	*103*		*78.0-120*		*04/29/2025 13:18*	WG2502459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/30/2025 18:10	WG2503621
Ethylbenzene	ND		1.00	1	04/30/2025 18:10	WG2503621
Toluene	ND		1.00	1	04/30/2025 18:10	WG2503621
Xylenes, Total	ND		3.00	1	04/30/2025 18:10	WG2503621
Trichloroethene	ND		1.00	1	04/30/2025 18:10	WG2503621
cis-1,2-Dichloroethene	ND		1.00	1	04/30/2025 18:10	WG2503621
trans-1,2-Dichloroethene	ND		1.00	1	04/30/2025 18:10	WG2503621
Tetrachloroethene	ND		1.00	1	04/30/2025 18:10	WG2503621
Vinyl chloride	ND		1.00	1	04/30/2025 18:10	WG2503621
(S) Toluene-d8	*102*		*80.0-120*		*04/30/2025 18:10*	WG2503621
(S) 4-Bromofluorobenzene	*93.9*		*77.0-126*		*04/30/2025 18:10*	WG2503621
(S) 1,2-Dichloroethane-d4	*124*		*70.0-130*		*04/30/2025 18:10*	WG2503621

Method Blank (MB)

(MB) R4207173-3 04/29/25 10:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*

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

(LCS) R4207173-1 04/29/25 09:08 • (LCSD) R4207173-2 04/29/25 09:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5000	5390	5430	108	109	70.0-124			0.739	20
(S) a,a,a-Trifluorotoluene(FID)				*107*	*107*	*78.0-120*				

Method Blank (MB)

(MB) R4207592-2 04/29/25 16:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*93.5*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4207592-1 04/29/25 15:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	4480	89.6	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*99.7*	*78.0-120*	

Method Blank (MB)

(MB) R4207781-3 04/30/25 06:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
Trichloroethene	U		0.190	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
Tetrachloroethene	U		0.300	1.00
Vinyl chloride	U		0.234	1.00
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*

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

(LCS) R4207781-1 04/30/25 05:07 • (LCSD) R4207781-2 04/30/25 05:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.12	5.41	102	108	70.0-123			5.51	20
Ethylbenzene	5.00	4.80	5.01	96.0	100	79.0-123			4.28	20
Toluene	5.00	5.08	5.27	102	105	79.0-120			3.67	20
Xylenes, Total	15.0	14.4	15.3	96.0	102	79.0-123			6.06	20
Trichloroethene	5.00	5.39	5.83	108	117	78.0-124			7.84	20
cis-1,2-Dichloroethene	5.00	4.91	5.22	98.2	104	73.0-120			6.12	20
trans-1,2-Dichloroethene	5.00	5.31	5.68	106	114	73.0-120			6.73	20
Tetrachloroethene	5.00	5.60	5.85	112	117	72.0-132			4.37	20
Vinyl chloride	5.00	5.18	5.56	104	111	67.0-131			7.08	20
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*104*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*92.8*	*94.8*	*70.0-130*				

Method Blank (MB)

(MB) R4207819-2 04/30/25 10:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
Trichloroethene	U		0.190	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
Tetrachloroethene	U		0.300	1.00
Vinyl chloride	U		0.234	1.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4207819-1 04/30/25 09:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.06	81.2	70.0-123	
Ethylbenzene	5.00	4.83	96.6	79.0-123	
Toluene	5.00	4.49	89.8	79.0-120	
Xylenes, Total	15.0	14.6	97.3	79.0-123	
Trichloroethene	5.00	4.33	86.6	78.0-124	
cis-1,2-Dichloroethene	5.00	4.45	89.0	73.0-120	
trans-1,2-Dichloroethene	5.00	4.72	94.4	73.0-120	
Tetrachloroethene	5.00	5.00	100	72.0-132	
Vinyl chloride	5.00	4.33	86.6	67.0-131	
(S) Toluene-d8			*99.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*115*	*70.0-130*	

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 result reported. 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
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	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
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

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

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Engineering/Remediation Resources Group
15333 NE 90th Street

Billing Information:
Jennifer Sonnichsen | Accounts Payable
15333 NE 90th Street
Ste 100
Redmond, WA 98052

Pres Chk

Report to:
Jennifer Sonnichsen 425-658-5026

Email To:
jennifer.sonnichsen@errg.com;spencer.slomins

Project Description: FORMER CIRCLE K

City/State Collected: SEATTLE, WA

Please Circle: (PT) MT CT ET

Regulatory Program(DOD,RCRA,DW,etc): ECOLOGY - EIM

Client Project # 20230065

Lab Project # ENGREMRWA-CIRCLE K

Collected by (print): ERRG (FI)

Site/Facility ID # 1461

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y 1

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHGX 40mlAmb HCl	NWTPHGX 40mlAmb-HCl-Blk	OGHEX 1L-Clr-WT-HCl	V8260 40mlAmb-HCl	V8260 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
LG-404-EFF-20250425	GRAB	GW	N/A	4/25/25	1125	8	X		X	X		FOG IN COOLER 2/2	-01
DUP-1-20250425		GW			1135	8	X		X	X		FOG IN COOLER 2/2	-02
LG-402-MID-20250425		GW			1200	8	X		X	X			-03
LG-401-INF-20250425		GW			1215	8	X		X	X			-04
DUP-2-20250425		GW			1145	2			X			COOLER 2/2	-05
TRIP BLANK TB-1-20250425		GW			1220	3		X			X		-06

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: 8260- BTEX, TCE, PCE, VC, cDCE, tDCE ONLY COC in COOLER 1 OF 2

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4439 2452 5378

Relinquished by : (Signature) FI ERRG | Date: 4/25/25 | Time: 1430 | Received by: (Signature) FEDEX

Trip Blank Received: Yes / No HCL / MeOH TBR

Relinquished by : (Signature) | Date: | Time: | Received by: (Signature)

Temp: 2.9 °C 1.5+0.4=1.9 | Bottles Received: 34

If preservation required by Login: Date/Time

Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) Cristina Arm | Date: 4/26/25 | Time: 0900

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: Y __N

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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-standard-terms.pdf

SDG # 852469 H016

Table

Acctnum: ENGREMRWA
Template: T263466
Prelogin: P1144783
PM: 3500 - Jennifer Gambill
PB: 4/15/25 mV
Shipped Via: FedEx Ground

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

May 19, 2025

Client Services
Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122

RE: Project: L1852469 WG2501564
Pace Project No.: 10733305

Dear Client Services:

Enclosed are the analytical results for sample(s) received by the laboratory on May 06, 2025. 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,

Tong Lee
tong.lee@pacelabs.com
(612)473-6804
Project Manager

Enclosures

cc: Jimmy Huckaba, Pace Analytical National Center for Testing & Innovation

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

CERTIFICATIONS

Project: L1852469 WG2501564
Pace Project No.: 10733305

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
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
DoD Certification via A2LA #: 2926.01
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
ISO/IEC 17025 Certification via A2LA #: 2926.01
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: L1852469 WG2501564
Pace Project No.: 10733305

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10733305001	**LG-404-EFF-20250425**	Water	04/25/25 11:25	05/06/25 08:50
10733305002	**DUP-1-20250425**	Water	04/25/25 11:35	05/06/25 08:50
10733305003	**LG-402-MID-20250425**	Water	04/25/25 12:00	05/06/25 08:50
10733305004	**LG-401-INF-20250425**	Water	04/25/25 12:15	05/06/25 08:50
10733305005	**DUP-2-20250425**	Water	04/25/25 11:45	05/06/25 08:50

Pace Analytical Services, LLC
1700 Elm Street
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SAMPLE ANALYTE COUNT

Project: L1852469 WG2501564
Pace Project No.: 10733305

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10733305001	**LG-404-EFF-20250425**	EPA 1664B OG	RM3	1	PASI-M
10733305002	**DUP-1-20250425**	EPA 1664B OG	RM3	1	PASI-M
10733305003	**LG-402-MID-20250425**	EPA 1664B OG	RM3	1	PASI-M
10733305004	**LG-401-INF-20250425**	EPA 1664B OG	RM3	1	PASI-M
10733305005	**DUP-2-20250425**	EPA 1664B OG	RM3	1	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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

ANALYTICAL RESULTS

Project: L1852469 WG2501564
Pace Project No.: 10733305

Sample: LG-404-EFF-20250425 **Lab ID: 10733305001** Collected: 04/25/25 11:25 Received: 05/06/25 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664B HEM, Oil and Grease	Analytical Method: EPA 1664B OG Pace Analytical Services - Minneapolis							
Oil and Grease	ND	mg/L	6.0	1		05/17/25 12:12		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L1852469 WG2501564
Pace Project No.: 10733305

Sample: DUP-1-20250425 **Lab ID: 10733305002** Collected: 04/25/25 11:35 Received: 05/06/25 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664B HEM, Oil and Grease	Analytical Method: EPA 1664B OG Pace Analytical Services - Minneapolis							
Oil and Grease	ND	mg/L	5.8	1		05/17/25 12:12		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L1852469 WG2501564
Pace Project No.: 10733305

Sample: LG-402-MID-20250425 **Lab ID: 10733305003** Collected: 04/25/25 12:00 Received: 05/06/25 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664B HEM, Oil and Grease	Analytical Method: EPA 1664B OG Pace Analytical Services - Minneapolis							
Oil and Grease	ND	mg/L	5.8	1		05/17/25 12:12		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L1852469 WG2501564
Pace Project No.: 10733305

Sample: LG-401-INF-20250425 **Lab ID: 10733305004** Collected: 04/25/25 12:15 Received: 05/06/25 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664B HEM, Oil and Grease	Analytical Method: EPA 1664B OG Pace Analytical Services - Minneapolis							
Oil and Grease	**63.9**	mg/L	5.9	1		05/17/25 12:12		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L1852469 WG2501564
Pace Project No.: 10733305

Sample: DUP-2-20250425 **Lab ID: 10733305005** Collected: 04/25/25 11:45 Received: 05/06/25 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664B HEM, Oil and Grease	Analytical Method: EPA 1664B OG Pace Analytical Services - Minneapolis							
Oil and Grease	ND	mg/L	5.9	1		05/17/25 12:12		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: L1852469 WG2501564
Pace Project No.: 10733305

QC Batch: 1007465
QC Batch Method: EPA 1664B OG
Analysis Method: EPA 1664B OG
Analysis Description: 1664B HEM, Oil and Grease
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10733305001, 10733305002, 10733305003, 10733305004, 10733305005

METHOD BLANK: 5252539 Matrix: Water
Associated Lab Samples: 10733305001, 10733305002, 10733305003, 10733305004, 10733305005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	05/17/25 12:12	

LABORATORY CONTROL SAMPLE: 5252540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	43.2	108	78-114	

MATRIX SPIKE SAMPLE: 5252542

Parameter	Units	10733409001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	42.6	39.1	90	78-114	

SAMPLE DUPLICATE: 5252541

Parameter	Units	10733357002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	<1.3	ND		18	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: L1852469 WG2501564
Pace Project No.: 10733305

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.

BATCH QUALIFIERS

Batch: 1007465

[BE] Batch extracted by solid phase extraction (SPE).

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L1852469 WG2501564
Pace Project No.: 10733305

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10733305001	**LG-404-EFF-20250425**	EPA 1664B OG	1007465		
10733305002	**DUP-1-20250425**	EPA 1664B OG	1007465		
10733305005	**DUP-2-20250425**	EPA 1664B OG	1007465		
10733305003	**LG-402-MID-20250425**	EPA 1664B OG	1007465		
10733305004	**LG-401-INF-20250425**	EPA 1664B OG	1007465		

Sub-Contract Chain of Custody

Batch Date/Time: 04/28/25 08:25
Sub-Contract Lab: PACEMN
Address: 1700 Elm Street Suite 200 SE
City/State: Minneapolis, MN 55414
Contact: Tong.Lee@pacelabs.com
Owner Lab: PACEMTJL
Address: 12065 Lebanon Rd.
City/State: Mt. Juliet, TN 37122
Phone: (615) 773-9756
Fax: (615) 758-5859

WO: WG2501564
Email: MTJLSuboutTeam@pacelabs.com
Results Due Date: 05/09/25
ESC Purchase Order #: L1852469
Send Reports to: James C Huckaba

Pace Analytical®

12065 Lebanon Rd.
Mt. Juliet, TN 37122
Phone:(615) 773-9756
Fax:(615) 758-5859

Sample ID Container ID	Matrix	State	Collect Date	Description	Method	Sample Number Lab Use Only	Sample Comments Lab Use Only
LG-404-EFF-20250425	GW	WA	04/25/25 11:25	Oil & Grease (Hexane Extr)	1664A	1. L1852469-01	01
DUP-1-20250425	GW	WA	04/25/25 11:35	Oil & Grease (Hexane Extr)	1664A	2. L1852469-02	02
LG-402-MID-20250425	GW	WA	04/25/25 12:00	Oil & Grease (Hexane Extr)	1664A	3. L1852469-03	03
LG-401-INF-20250425	GW	WA	04/25/25 12:00	Oil & Grease (Hexane Extr)	1664A	4. L1852469-04	04
DUP-2-20250425	GW	WA	04/25/25 11:45	Oil & Grease (Hexane Extr)	1664A	5. L1852469-05	05

*= Container used for multiple samples and/or Analyses

Relinquished by: _____ **Date** 5-5-25

Received by: _____ **Date** 5/6/25 8:30 1.1, 1.0 °C

Relinquished by: _____ **Date** _____

Received by: _____ **Date** _____

WO# : 10733305

10733305

ENV-FRM-MIN4-0150 v19_Sample Condition Upon Receipt

Person Examining & Date: CRL 5/6/25 **PROJECT #:** **WO#: 10733305**

PM: TKL **Due Date: 05/09/25**

CLIENT: PASI-TN

Client Name: Pace MTJL

Custody Seal Present: ☑ YES ☐ NO **Seals Intact:** ☑ YES ☐ NO

Tracking Number: 4439 2457 5957, 4439 2457 5968 ☐ **See Exceptions form ENV-FRM-MIN4-0142.**

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

Packing Material: ☑ Bubble Bags ☐ Bubble Wrap ☐ None ☐ Other: _____ **Biological Tissue Frozen:** ☐ YES ☑ NO

Thermometer: ☐ T1 (0461) ☐ T2 (0431) ☑ T3 (0459) ☐ T4 (0402) ☐ T5 (0187) ☐ T6 (0396) ☐ T7 (0377) ☐ T8 (0775) ☐ T9 (0428) ☐ 01339252 (0710)

Type of Ice: ☐ Blue ☐ Dry ☑ Wet ☐ Melted ☐ None

Temp Blank: ☐ YES ☐ NO

NOTE: Temp should be ≤ 6°C, but above freezing.

Read Temp w/Temp Blank: 1.6, 1.5 °C

Correction Factor: -0.5

Corrected Temp w/Temp Blank: 1.1, 1.0 °C

Did Samples Originate in West Virginia: ☐ YES ☑ NO (list temps on exception)

Were All Container Temps Taken: ☐ YES ☐ NO ☑ N/A

Average Corrected Temp (No Temp Blank Only): _____

☐ **See Exceptions form ENV-FRM-MIN4-0142.** ☐ 1 Container

USDA Regulated Soil: ☑ N/A – Water Sample/Other (describe): _____

Did Samples originate from one of the following states (check maps): ☐ YES ☐ NO

Circle State: AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, VA

Are samples from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO

NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

LOCATION (check one): ☐ DULUTH ☑ MINNEAPOLIS ☐ VIRGINIA

	YES	NO	N/A	COMMENT(S)
Chain of Custody Present and Filled Out? **(i.e., Analysis/ID/Date/Time)**	☑	☐		1.
Chain of Custody Relinquished?	☑	☐		2.
Sampler Name and/or Signature on COC?	☐	☑	☐	3.
Samples Arrived within Hold Time? If Fecal: ☐ <8 hrs ☐ >8 hr but <24 hr ☐ >24 hr	☑	☐		4.
Short Hold Time Analysis (<72 hr)?	☐	☑		5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/*E. coli* ☐ Turbidity ☐ Other: _____
Rush Turn Around Time Requested?	☑	☐		6. ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day Due Date: _____
Sufficient Sample Volume? **(If NO, list approximate volume in section 7.)**	☑	☐		7.
Correct Containers Used? – Pace Containers Used?	☑ ☐	☐ ☑	☐	8.
Containers Intact?	☑	☐		9.
Field Filtered Volume Received for Dissolved Tests?	☐	☐	☑	10. Is sediment visible in the dissolved container: ☐ YES ☐ NO
ID/Date/Time Match? **(If NO, fill out section 11.)** Matrix: ☐ Oil ☐ Soil ☑ Water ☐ Other	☑	☐	☐	11. ☐ **See Exceptions form ENV-FRM-MIN4-0142**
All containers needing acid/base preservation have been checked?	☐	☐	☑	12.

Sample #:

☐ HNO3 _____ ☐ H2SO4 _____ ☐ NaOH _____ ☐ Zinc Acetate _____

pH Paper Lot #:

☐ Residual Chlorine _____ ☐ 0-6 Roll _____ ☐ 0-6 Strip _____ ☐ 0-14 Strip _____

Positive for Residual Chlorine (NaOH containers only): ☐ YES ☐ NO

Preserved containers in compliance with EPA recommendations? (HNO3, H2SO4, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)	☐	☐	☑	☐ **See Exceptions form ENV-FRM-MIN4-0142**
EXCECTIONS (water only): VOA, Coliform, TOC/DOC, Oil & Grease, Phenols, DRO/8015, Dioxins, and PFAS	☑	☐	☐	
Extra labels present on soil VOA or WIDRO containers? **(soil only)**	☐	☐	☑	13.
Headspace in Methyl Mercury Container?	☐	☐	☑	14.
Headspace in VOA Vials (greater than 6mm)?	☐	☐	☑	☐ **See Exceptions form ENV-FRM-MIN4-0140**
Trip Blanks Present?	☐	☐	☑	15.
Trip Blank Custody Seals Present?	☐	☐	☑	Pace Trip Blank Lot # (if purchased): _____

CLIENT NOTIFICATION / RESOLUTION:

Labeled By: CRL **Line:** 3

Person Contacted & Date/Time: _____ **PM Review & Date:** 5/6/25

***NOTE:** When there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEQ Certification Office.*