



March 05, 2024

Randy Evans
Wellington Operating Company
328 South Overland Trail
Fort Collins, CO 80521

RE: Project: Gault-Platt Well 20-3
Pace Project No.: 10684923

Dear Randy Evans:

Enclosed are the analytical results for sample(s) received by the laboratory on February 27, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Minneapolis

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

Sincerely,

A handwritten signature in black ink, appearing to read "Yeng Ozawa".

Yeng Ozawa
yeng.ozawa@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

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

GMP+ Certification #: GMP050884

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

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

Minnesota Petrofund Registration #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification (A2LA) #: R-036

North Dakota Certification (MN) #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

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

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

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CERTIFICATIONS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Pace Analytical Services National

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: VT2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

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SAMPLE ANALYTE COUNT

Project: Gault-Platt Well 20-3
Pace Project No.: 10684923

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10684923001	Well 20-3 FL East End	EPA 8015D Modified	TT2	4	PASI-M
		EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
		EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN
10684923002	Well 20-3 S Wall @ 8'	EPA 8015D Modified	TT2	4	PASI-M
		EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
		EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN
10684923003	Well 20-3 W Wall @ 8'	EPA 8015D Modified	TT2	4	PASI-M
		EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
		EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN
10684923004	Well 20-3 N Wall @ 8'	EPA 8015D Modified	TT2	4	PASI-M
		EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
		EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN
		EPA 8015D Modified	TT2	4	PASI-M

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SAMPLE ANALYTE COUNT

Project: Gault-Platt Well 20-3
Pace Project No.: 10684923

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10684923005	Well 20-3 E Wall @ 8'	EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
		EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN
		EPA 8015D Modified	TT2	4	PASI-M
		EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
10684923006	Well 20-3 WH FL @ 7'	EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN
		EPA 8015D Modified	TT2	4	PASI-M
		EPA 8015D	TM2	2	PASI-M
		6010B-NE493 Ch 2	JTM	1	PAN
		EPA 6010D	IP	9	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8270E by SIM	JLR	17	PASI-M
		EPA 8260D	SB2	9	PASI-M
		SM 2540G	KDW	1	PAN
		EPA 7199	SET	1	PAN
		EPA 9045D	KRB	1	PAN
		EPA 9050	KRB	1	PAN
		Calculated	JTM	1	PAN

PAN = Pace National - Mt. Juliet

PASI-M = Pace Analytical Services - Minneapolis

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 FL East End Lab ID: 10684923001 Collected: 02/23/24 14:30 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015D GCS THC-Diesel Microwave								
Analytical Method: EPA 8015D Modified Preparation Method: EPA 3546 Microwave								
Pace Analytical Services - Minneapolis								
Motor Oil Range (C24-C36)	ND	mg/kg	10.7	1	02/27/24 12:54	02/28/24 13:01		N2
TPH-DRO (C10-C28)	ND	mg/kg	10.7	1	02/27/24 12:54	02/28/24 13:01		
Surrogates								
o-Terphenyl (S)	94	%	30-150	1	02/27/24 12:54	02/28/24 13:01	84-15-1	
n-Triacontane (S)	83	%	30-150	1	02/27/24 12:54	02/28/24 13:01		
8015D GCV GRO								
Analytical Method: EPA 8015D Preparation Method: EPA 5030								
Pace Analytical Services - Minneapolis								
Gasoline Range Organics	ND	mg/kg	1.8	1	02/27/24 11:56	02/27/24 14:08		
Surrogates								
a,a,a-Trifluorotoluene (S)	122	%	71-135	1	02/27/24 11:56	02/27/24 14:08	98-08-8	
Metals (ICP) 6010B-NE493 Ch 2								
Analytical Method: 6010B-NE493 Ch 2 Preparation Method: HWS Boron								
Pace National - Mt. Juliet								
Boron, Hot Water Soluble	273	ug/L	200	1	03/01/24 10:15	03/01/24 12:31	7440-42-8H	
6010D MET ICP								
Analytical Method: EPA 6010D Preparation Method: EPA 3050B								
Pace Analytical Services - Minneapolis								
Arsenic	3.8	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:05	7440-38-2	
Barium	107	mg/kg	0.54	1	02/27/24 13:26	02/28/24 15:05	7440-39-3	M1,R1
Cadmium	0.53	mg/kg	0.16	1	02/27/24 13:26	02/28/24 15:05	7440-43-9	
Copper	7.4	mg/kg	0.54	1	02/27/24 13:26	02/28/24 15:05	7440-50-8	
Lead	5.8	mg/kg	0.54	1	02/27/24 13:26	02/28/24 15:05	7439-92-1	
Nickel	8.1	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:05	7440-02-0	
Selenium	ND	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:05	7782-49-2	
Silver	ND	mg/kg	0.54	1	02/27/24 13:26	02/28/24 15:05	7440-22-4	
Zinc	27.8	mg/kg	2.1	1	02/27/24 13:26	02/28/24 15:05	7440-66-6	
Dry Weight / %M by ASTM D2974								
Analytical Method: ASTM D2974								
Pace Analytical Services - Minneapolis								
Percent Moisture	6.9	%	0.10	1		02/27/24 13:19		N2
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Acenaphthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	83-32-9	
Anthracene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	207-08-9	
Chrysene	11.9	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	53-70-3	
Fluoranthene	36.1	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	206-44-0	
Fluorene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	86-73-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 FL East End Lab ID: 10684923001 Collected: 02/23/24 14:30 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	193-39-5	
1-Methylnaphthalene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	91-57-6	
Naphthalene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	91-20-3	
Pyrene	25.0	ug/kg	10.6	1	02/27/24 12:43	02/28/24 21:39	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	48-125	1	02/27/24 12:43	02/28/24 21:39	321-60-8	
p-Terphenyl-d14 (S)	75	%.	51-139	1	02/27/24 12:43	02/28/24 21:39	1718-51-0	
8260D MSV UST								
Analytical Method: EPA 8260D Preparation Method: EPA 5035/5030B								
Pace Analytical Services - Minneapolis								
Benzene	ND	ug/kg	8.2	1	02/28/24 08:53	02/28/24 18:55	71-43-2	
Ethylbenzene	ND	ug/kg	20.5	1	02/28/24 08:53	02/28/24 18:55	100-41-4	
Toluene	ND	ug/kg	20.5	1	02/28/24 08:53	02/28/24 18:55	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	20.5	1	02/28/24 08:53	02/28/24 18:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	20.5	1	02/28/24 08:53	02/28/24 18:55	108-67-8	
Xylene (Total)	ND	ug/kg	61.5	1	02/28/24 08:53	02/28/24 18:55	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	97	%.	75-125	1	02/28/24 08:53	02/28/24 18:55	460-00-4	
Toluene-d8 (S)	99	%.	75-125	1	02/28/24 08:53	02/28/24 18:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%.	75-125	1	02/28/24 08:53	02/28/24 18:55	2199-69-1	
Total Solids 2540 G-2011								
Analytical Method: SM 2540G Preparation Method: SM 2540 G								
Pace National - Mt. Juliet								
Total Solids	93.8	%		1	03/01/24 07:15	03/01/24 07:20		
Wet Chemistry 7199								
Analytical Method: EPA 7199 Preparation Method: 3060A								
Pace National - Mt. Juliet								
Chromium, Hexavalent	ND	mg/kg	1.00	1	02/28/24 22:08	02/29/24 08:12		
Wet Chemistry 9045D								
Analytical Method: EPA 9045D Preparation Method: 9045C/9045D								
Pace National - Mt. Juliet								
pH	8.12	Std. Units		1	02/28/24 17:50	02/29/24 16:30		H3
Wet Chemistry 9050AMod								
Analytical Method: EPA 9050 Preparation Method: 9050A								
Pace National - Mt. Juliet								
Specific Conductance	527	umhos/cm	10.0	1	02/29/24 09:44	03/01/24 10:00		
Calculated Results								
Analytical Method: Calculated Preparation Method: Calc								
Pace National - Mt. Juliet								
Sodium Adsorption Ratio	0.172			1	03/02/24 13:14	03/02/24 13:14		

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 S Wall @ 8' Lab ID: 10684923002 Collected: 02/23/24 11:30 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015D GCS THC-Diesel Microwave Analytical Method: EPA 8015D Modified Preparation Method: EPA 3546 Microwave Pace Analytical Services - Minneapolis								
Motor Oil Range (C24-C36)	ND	mg/kg	10.7	1	02/27/24 12:54	02/28/24 12:18		N2
TPH-DRO (C10-C28)	ND	mg/kg	10.7	1	02/27/24 12:54	02/28/24 12:18		
Surrogates								
o-Terphenyl (S)	93	%	30-150	1	02/27/24 12:54	02/28/24 12:18	84-15-1	
n-Triacontane (S)	96	%	30-150	1	02/27/24 12:54	02/28/24 12:18		
8015D GCV GRO Analytical Method: EPA 8015D Preparation Method: EPA 5030 Pace Analytical Services - Minneapolis								
Gasoline Range Organics	ND	mg/kg	2.0	1	02/27/24 11:56	02/27/24 15:12		
Surrogates								
a,a,a-Trifluorotoluene (S)	121	%	71-135	1	02/27/24 11:56	02/27/24 15:12	98-08-8	
Metals (ICP) 6010B-NE493 Ch 2 Analytical Method: 6010B-NE493 Ch 2 Preparation Method: HWS Boron Pace National - Mt. Juliet								
Boron, Hot Water Soluble	296	ug/L	200	1	03/01/24 10:15	03/01/24 12:34	7440-42-8H	
6010D MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Minneapolis								
Arsenic	2.8	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:13	7440-38-2	
Barium	123	mg/kg	0.53	1	02/27/24 13:26	02/28/24 15:13	7440-39-3	
Cadmium	0.31	mg/kg	0.16	1	02/27/24 13:26	02/28/24 15:13	7440-43-9	
Copper	6.7	mg/kg	0.53	1	02/27/24 13:26	02/28/24 15:13	7440-50-8	
Lead	4.9	mg/kg	0.53	1	02/27/24 13:26	02/28/24 15:13	7439-92-1	
Nickel	7.3	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:13	7440-02-0	
Selenium	ND	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:13	7782-49-2	
Silver	ND	mg/kg	0.53	1	02/27/24 13:26	02/28/24 15:13	7440-22-4	
Zinc	23.8	mg/kg	2.1	1	02/27/24 13:26	02/28/24 15:13	7440-66-6	
Dry Weight / %M by ASTM D2974 Analytical Method: ASTM D2974 Pace Analytical Services - Minneapolis								
Percent Moisture	6.9	%	0.10	1		02/27/24 13:20		N2
8270E MSSV PAH by SIM Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Minneapolis								
Acenaphthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	83-32-9	
Anthracene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	207-08-9	
Chrysene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	53-70-3	
Fluoranthene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	206-44-0	
Fluorene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	86-73-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 S Wall @ 8' Lab ID: 10684923002 Collected: 02/23/24 11:30 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	193-39-5	
1-Methylnaphthalene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	90-12-0	
2-Methylnaphthalene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	91-57-6	
Naphthalene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	91-20-3	
Pyrene	ND	ug/kg	10.6	1	02/27/24 12:43	02/28/24 22:45	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%	48-125	1	02/27/24 12:43	02/28/24 22:45	321-60-8	
p-Terphenyl-d14 (S)	76	%	51-139	1	02/27/24 12:43	02/28/24 22:45	1718-51-0	
8260D MSV UST								
Analytical Method: EPA 8260D Preparation Method: EPA 5035/5030B								
Pace Analytical Services - Minneapolis								
Benzene	ND	ug/kg	7.4	1	02/28/24 08:53	02/28/24 19:11	71-43-2	
Ethylbenzene	ND	ug/kg	18.6	1	02/28/24 08:53	02/28/24 19:11	100-41-4	
Toluene	ND	ug/kg	18.6	1	02/28/24 08:53	02/28/24 19:11	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	18.6	1	02/28/24 08:53	02/28/24 19:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	18.6	1	02/28/24 08:53	02/28/24 19:11	108-67-8	
Xylene (Total)	ND	ug/kg	55.7	1	02/28/24 08:53	02/28/24 19:11	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	98	%	75-125	1	02/28/24 08:53	02/28/24 19:11	460-00-4	
Toluene-d8 (S)	100	%	75-125	1	02/28/24 08:53	02/28/24 19:11	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	75-125	1	02/28/24 08:53	02/28/24 19:11	2199-69-1	
Total Solids 2540 G-2011								
Analytical Method: SM 2540G Preparation Method: SM 2540 G								
Pace National - Mt. Juliet								
Total Solids	93.6	%		1	03/01/24 07:15	03/01/24 07:20		
Wet Chemistry 7199								
Analytical Method: EPA 7199 Preparation Method: 3060A								
Pace National - Mt. Juliet								
Chromium, Hexavalent	ND	mg/kg	1.00	1	02/28/24 22:08	02/29/24 08:18		
Wet Chemistry 9045D								
Analytical Method: EPA 9045D Preparation Method: 9045C/9045D								
Pace National - Mt. Juliet								
pH	8.36	Std. Units		1	02/28/24 17:50	02/29/24 16:30		H3
Wet Chemistry 9050AMod								
Analytical Method: EPA 9050 Preparation Method: 9050A								
Pace National - Mt. Juliet								
Specific Conductance	241	umhos/cm	10.0	1	02/29/24 09:44	03/01/24 10:00		
Calculated Results								
Analytical Method: Calculated Preparation Method: Calc								
Pace National - Mt. Juliet								
Sodium Adsorption Ratio	1.14			1	03/02/24 13:17	03/02/24 13:17		

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 W Wall @ 8' Lab ID: 10684923003 Collected: 02/23/24 11:15 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015D GCS THC-Diesel Microwave Analytical Method: EPA 8015D Modified Preparation Method: EPA 3546 Microwave Pace Analytical Services - Minneapolis								
Motor Oil Range (C24-C36)	108	mg/kg	11.0	1	02/27/24 12:54	02/28/24 11:45		N2
TPH-DRO (C10-C28)	65.7	mg/kg	11.0	1	02/27/24 12:54	02/28/24 11:45		
Surrogates								
o-Terphenyl (S)	95	%	30-150	1	02/27/24 12:54	02/28/24 11:45	84-15-1	
n-Triacontane (S)	87	%	30-150	1	02/27/24 12:54	02/28/24 11:45		
8015D GCV GRO Analytical Method: EPA 8015D Preparation Method: EPA 5030 Pace Analytical Services - Minneapolis								
Gasoline Range Organics	ND	mg/kg	2.3	1	02/27/24 11:56	02/27/24 15:28		
Surrogates								
a,a,a-Trifluorotoluene (S)	120	%	71-135	1	02/27/24 11:56	02/27/24 15:28	98-08-8	
Metals (ICP) 6010B-NE493 Ch 2 Analytical Method: 6010B-NE493 Ch 2 Preparation Method: HWS Boron Pace National - Mt. Juliet								
Boron, Hot Water Soluble	586	ug/L	200	1	03/01/24 10:15	03/01/24 12:23	7440-42-8H	
6010D MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Minneapolis								
Arsenic	4.0	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:15	7440-38-2	
Barium	136	mg/kg	0.55	1	02/27/24 13:26	02/28/24 15:15	7440-39-3	
Cadmium	0.43	mg/kg	0.17	1	02/27/24 13:26	02/28/24 15:15	7440-43-9	
Copper	8.9	mg/kg	0.55	1	02/27/24 13:26	02/28/24 15:15	7440-50-8	
Lead	7.0	mg/kg	0.55	1	02/27/24 13:26	02/28/24 15:15	7439-92-1	
Nickel	9.7	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:15	7440-02-0	
Selenium	ND	mg/kg	1.1	1	02/27/24 13:26	02/28/24 15:15	7782-49-2	
Silver	ND	mg/kg	0.55	1	02/27/24 13:26	02/28/24 15:15	7440-22-4	
Zinc	30.5	mg/kg	2.2	1	02/27/24 13:26	02/28/24 15:15	7440-66-6	
Dry Weight / %M by ASTM D2974 Analytical Method: ASTM D2974 Pace Analytical Services - Minneapolis								
Percent Moisture	10.2	%	0.10	1		02/27/24 13:20		N2
8270E MSSV PAH by SIM Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Minneapolis								
Acenaphthene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	83-32-9	
Anthracene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	56-55-3	
Benzo(a)pyrene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	207-08-9	
Chrysene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	53-70-3	
Fluoranthene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	206-44-0	
Fluorene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	86-73-7	

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 W Wall @ 8' Lab ID: 10684923003 Collected: 02/23/24 11:15 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	193-39-5	
1-Methylnaphthalene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	91-57-6	
Naphthalene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	91-20-3	
Pyrene	ND	ug/kg	11.1	1	02/27/24 12:43	02/28/24 23:07	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%	48-125	1	02/27/24 12:43	02/28/24 23:07	321-60-8	
p-Terphenyl-d14 (S)	73	%	51-139	1	02/27/24 12:43	02/28/24 23:07	1718-51-0	
8260D MSV UST								
Analytical Method: EPA 8260D Preparation Method: EPA 5035/5030B								
Pace Analytical Services - Minneapolis								
Benzene	ND	ug/kg	11.1	1	02/28/24 08:53	02/28/24 19:28	71-43-2	
Ethylbenzene	ND	ug/kg	27.7	1	02/28/24 08:53	02/28/24 19:28	100-41-4	
Toluene	ND	ug/kg	27.7	1	02/28/24 08:53	02/28/24 19:28	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	27.7	1	02/28/24 08:53	02/28/24 19:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	27.7	1	02/28/24 08:53	02/28/24 19:28	108-67-8	
Xylene (Total)	ND	ug/kg	83.0	1	02/28/24 08:53	02/28/24 19:28	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	75-125	1	02/28/24 08:53	02/28/24 19:28	460-00-4	
Toluene-d8 (S)	96	%	75-125	1	02/28/24 08:53	02/28/24 19:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	75-125	1	02/28/24 08:53	02/28/24 19:28	2199-69-1	
Total Solids 2540 G-2011								
Analytical Method: SM 2540G Preparation Method: SM 2540 G								
Pace National - Mt. Juliet								
Total Solids	90.5	%		1	03/01/24 07:15	03/01/24 07:20		
Wet Chemistry 7199								
Analytical Method: EPA 7199 Preparation Method: 3060A								
Pace National - Mt. Juliet								
Chromium, Hexavalent	ND	mg/kg	1.00	1	02/28/24 22:08	02/29/24 08:24		
Wet Chemistry 9045D								
Analytical Method: EPA 9045D Preparation Method: 9045C/9045D								
Pace National - Mt. Juliet								
pH	8.39	Std. Units		1	02/28/24 17:50	02/29/24 16:30		H3
Wet Chemistry 9050AMod								
Analytical Method: EPA 9050 Preparation Method: 9050A								
Pace National - Mt. Juliet								
Specific Conductance	549	umhos/cm	10.0	1	02/29/24 09:44	03/01/24 10:00		
Calculated Results								
Analytical Method: Calculated Preparation Method: Calc								
Pace National - Mt. Juliet								
Sodium Adsorption Ratio	2.37			1	03/02/24 13:19	03/02/24 13:19		

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 N Wall @ 8' Lab ID: 10684923004 Collected: 02/23/24 11:45 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015D GCS THC-Diesel Microwave								
Analytical Method: EPA 8015D Modified Preparation Method: EPA 3546 Microwave								
Pace Analytical Services - Minneapolis								
Motor Oil Range (C24-C36)	19.9	mg/kg	10.9	1	02/27/24 12:54	02/28/24 11:56		N2
TPH-DRO (C10-C28)	ND	mg/kg	10.9	1	02/27/24 12:54	02/28/24 11:56		
Surrogates								
o-Terphenyl (S)	87	%	30-150	1	02/27/24 12:54	02/28/24 11:56	84-15-1	
n-Triacontane (S)	90	%	30-150	1	02/27/24 12:54	02/28/24 11:56		
8015D GCV GRO								
Analytical Method: EPA 8015D Preparation Method: EPA 5030								
Pace Analytical Services - Minneapolis								
Gasoline Range Organics	ND	mg/kg	2.2	1	02/27/24 11:56	02/27/24 15:44		
Surrogates								
a,a,a-Trifluorotoluene (S)	120	%	71-135	1	02/27/24 11:56	02/27/24 15:44	98-08-8	
Metals (ICP) 6010B-NE493 Ch 2								
Analytical Method: 6010B-NE493 Ch 2 Preparation Method: HWS Boron								
Pace National - Mt. Juliet								
Boron, Hot Water Soluble	589	ug/L	200	1	03/01/24 10:15	03/01/24 13:03	7440-42-8H	
6010D MET ICP								
Analytical Method: EPA 6010D Preparation Method: EPA 3050B								
Pace Analytical Services - Minneapolis								
Arsenic	4.9	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:22	7440-38-2	
Barium	136	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:22	7440-39-3	
Cadmium	0.60	mg/kg	0.16	1	02/27/24 13:26	02/28/24 15:22	7440-43-9	
Copper	9.7	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:22	7440-50-8	
Lead	7.0	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:22	7439-92-1	
Nickel	11.1	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:22	7440-02-0	
Selenium	ND	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:22	7782-49-2	
Silver	ND	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:22	7440-22-4	
Zinc	34.5	mg/kg	2.1	1	02/27/24 13:26	02/28/24 15:22	7440-66-6	
Dry Weight / %M by ASTM D2974								
Analytical Method: ASTM D2974								
Pace Analytical Services - Minneapolis								
Percent Moisture	8.2	%	0.10	1		02/27/24 13:20		N2
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Acenaphthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	83-32-9	
Anthracene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	207-08-9	
Chrysene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	53-70-3	
Fluoranthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	206-44-0	
Fluorene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	86-73-7	

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 N Wall @ 8' Lab ID: 10684923004 Collected: 02/23/24 11:45 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	193-39-5	
1-Methylnaphthalene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	90-12-0	
2-Methylnaphthalene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	91-57-6	
Naphthalene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	91-20-3	
Pyrene	ND	ug/kg	10.8	1	02/27/24 12:43	02/28/24 23:29	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	48-125	1	02/27/24 12:43	02/28/24 23:29	321-60-8	
p-Terphenyl-d14 (S)	72	%.	51-139	1	02/27/24 12:43	02/28/24 23:29	1718-51-0	
8260D MSV UST								
Analytical Method: EPA 8260D Preparation Method: EPA 5035/5030B								
Pace Analytical Services - Minneapolis								
Benzene	ND	ug/kg	12.9	1	02/28/24 08:53	02/28/24 19:44	71-43-2	
Ethylbenzene	ND	ug/kg	32.3	1	02/28/24 08:53	02/28/24 19:44	100-41-4	
Toluene	ND	ug/kg	32.3	1	02/28/24 08:53	02/28/24 19:44	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	32.3	1	02/28/24 08:53	02/28/24 19:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	32.3	1	02/28/24 08:53	02/28/24 19:44	108-67-8	
Xylene (Total)	ND	ug/kg	97.0	1	02/28/24 08:53	02/28/24 19:44	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%.	75-125	1	02/28/24 08:53	02/28/24 19:44	460-00-4	
Toluene-d8 (S)	102	%.	75-125	1	02/28/24 08:53	02/28/24 19:44	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%.	75-125	1	02/28/24 08:53	02/28/24 19:44	2199-69-1	
Total Solids 2540 G-2011								
Analytical Method: SM 2540G Preparation Method: SM 2540 G								
Pace National - Mt. Juliet								
Total Solids	92.2	%		1	03/01/24 07:15	03/01/24 07:20		
Wet Chemistry 7199								
Analytical Method: EPA 7199 Preparation Method: 3060A								
Pace National - Mt. Juliet								
Chromium, Hexavalent	ND	mg/kg	1.00	1	02/28/24 22:08	02/29/24 08:36		
Wet Chemistry 9045D								
Analytical Method: EPA 9045D Preparation Method: 9045C/9045D								
Pace National - Mt. Juliet								
pH	8.26	Std. Units		1	02/28/24 17:50	02/29/24 16:30		H3
Wet Chemistry 9050AMod								
Analytical Method: EPA 9050 Preparation Method: 9050A								
Pace National - Mt. Juliet								
Specific Conductance	419	umhos/cm	10.0	1	02/29/24 09:44	03/01/24 10:00		
Calculated Results								
Analytical Method: Calculated Preparation Method: Calc								
Pace National - Mt. Juliet								
Sodium Adsorption Ratio	1.42			1	03/02/24 13:22	03/02/24 13:22		

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 E Wall @ 8' Lab ID: 10684923005 Collected: 02/23/24 11:00 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015D GCS THC-Diesel Microwave Analytical Method: EPA 8015D Modified Preparation Method: EPA 3546 Microwave Pace Analytical Services - Minneapolis								
Motor Oil Range (C24-C36)	63.6	mg/kg	11.0	1	02/27/24 12:54	02/28/24 12:07		N2
TPH-DRO (C10-C28)	33.8	mg/kg	11.0	1	02/27/24 12:54	02/28/24 12:07		
Surrogates								
o-Terphenyl (S)	90	%	30-150	1	02/27/24 12:54	02/28/24 12:07	84-15-1	
n-Triacontane (S)	88	%	30-150	1	02/27/24 12:54	02/28/24 12:07		
8015D GCV GRO Analytical Method: EPA 8015D Preparation Method: EPA 5030 Pace Analytical Services - Minneapolis								
Gasoline Range Organics	ND	mg/kg	2.5	1	02/27/24 11:56	02/27/24 16:00		
Surrogates								
a,a,a-Trifluorotoluene (S)	120	%	71-135	1	02/27/24 11:56	02/27/24 16:00	98-08-8	
Metals (ICP) 6010B-NE493 Ch 2 Analytical Method: 6010B-NE493 Ch 2 Preparation Method: HWS Boron Pace National - Mt. Juliet								
Boron, Hot Water Soluble	573	ug/L	200	1	03/01/24 10:15	03/01/24 13:06	7440-42-8H	
6010D MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Minneapolis								
Arsenic	3.8	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:23	7440-38-2	
Barium	153	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:23	7440-39-3	
Cadmium	0.38	mg/kg	0.16	1	02/27/24 13:26	02/28/24 15:23	7440-43-9	
Copper	8.7	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:23	7440-50-8	
Lead	6.8	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:23	7439-92-1	
Nickel	9.8	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:23	7440-02-0	
Selenium	ND	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:23	7782-49-2	
Silver	ND	mg/kg	0.52	1	02/27/24 13:26	02/28/24 15:23	7440-22-4	
Zinc	30.7	mg/kg	2.1	1	02/27/24 13:26	02/28/24 15:23	7440-66-6	
Dry Weight / %M by ASTM D2974 Analytical Method: ASTM D2974 Pace Analytical Services - Minneapolis								
Percent Moisture	9.4	%	0.10	1		02/27/24 13:20		N2
8270E MSSV PAH by SIM Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Minneapolis								
Acenaphthene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	83-32-9	
Anthracene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	207-08-9	
Chrysene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	53-70-3	
Fluoranthene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	206-44-0	
Fluorene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	86-73-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 E Wall @ 8' Lab ID: 10684923005 Collected: 02/23/24 11:00 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	193-39-5	
1-Methylnaphthalene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	90-12-0	
2-Methylnaphthalene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	91-57-6	
Naphthalene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	91-20-3	
Pyrene	ND	ug/kg	10.9	1	02/27/24 12:43	02/28/24 23:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	48-125	1	02/27/24 12:43	02/28/24 23:52	321-60-8	
p-Terphenyl-d14 (S)	72	%.	51-139	1	02/27/24 12:43	02/28/24 23:52	1718-51-0	
8260D MSV UST								
Analytical Method: EPA 8260D Preparation Method: EPA 5035/5030B								
Pace Analytical Services - Minneapolis								
Benzene	ND	ug/kg	9.2	1	02/28/24 08:53	02/28/24 20:00	71-43-2	
Ethylbenzene	ND	ug/kg	23.1	1	02/28/24 08:53	02/28/24 20:00	100-41-4	
Toluene	ND	ug/kg	23.1	1	02/28/24 08:53	02/28/24 20:00	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	23.1	1	02/28/24 08:53	02/28/24 20:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	23.1	1	02/28/24 08:53	02/28/24 20:00	108-67-8	
Xylene (Total)	ND	ug/kg	69.3	1	02/28/24 08:53	02/28/24 20:00	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%.	75-125	1	02/28/24 08:53	02/28/24 20:00	460-00-4	
Toluene-d8 (S)	98	%.	75-125	1	02/28/24 08:53	02/28/24 20:00	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%.	75-125	1	02/28/24 08:53	02/28/24 20:00	2199-69-1	
Total Solids 2540 G-2011								
Analytical Method: SM 2540G Preparation Method: SM 2540 G								
Pace National - Mt. Juliet								
Total Solids	90.9	%		1	03/01/24 07:15	03/01/24 07:20		
Wet Chemistry 7199								
Analytical Method: EPA 7199 Preparation Method: 3060A								
Pace National - Mt. Juliet								
Chromium, Hexavalent	ND	mg/kg	1.00	1	02/28/24 22:08	02/29/24 08:43		ML
Wet Chemistry 9045D								
Analytical Method: EPA 9045D Preparation Method: 9045C/9045D								
Pace National - Mt. Juliet								
pH	8.13	Std. Units		1	02/28/24 17:50	02/29/24 16:30		H3
Wet Chemistry 9050AMod								
Analytical Method: EPA 9050 Preparation Method: 9050A								
Pace National - Mt. Juliet								
Specific Conductance	637	umhos/cm	10.0	1	02/29/24 09:44	03/01/24 10:00		
Calculated Results								
Analytical Method: Calculated Preparation Method: Calc								
Pace National - Mt. Juliet								
Sodium Adsorption Ratio	2.19			1	03/02/24 13:25	03/02/24 13:25		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 WH FL @7' Lab ID: 10684923006 Collected: 02/23/24 11:10 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015D GCS THC-Diesel Microwave Analytical Method: EPA 8015D Modified Preparation Method: EPA 3546 Microwave Pace Analytical Services - Minneapolis								
Motor Oil Range (C24-C36)	35.3	mg/kg	10.8	1	02/27/24 12:54	02/28/24 12:50		N2
TPH-DRO (C10-C28)	11.2	mg/kg	10.8	1	02/27/24 12:54	02/28/24 12:50		
Surrogates								
o-Terphenyl (S)	92	%	30-150	1	02/27/24 12:54	02/28/24 12:50	84-15-1	
n-Triacontane (S)	97	%	30-150	1	02/27/24 12:54	02/28/24 12:50		
8015D GCV GRO Analytical Method: EPA 8015D Preparation Method: EPA 5030 Pace Analytical Services - Minneapolis								
Gasoline Range Organics	ND	mg/kg	1.9	1	02/27/24 11:56	02/27/24 16:16		
Surrogates								
a,a,a-Trifluorotoluene (S)	120	%	71-135	1	02/27/24 11:56	02/27/24 16:16	98-08-8	
Metals (ICP) 6010B-NE493 Ch 2 Analytical Method: 6010B-NE493 Ch 2 Preparation Method: HWS Boron Pace National - Mt. Juliet								
Boron, Hot Water Soluble	323	ug/L	200	1	03/01/24 10:15	03/01/24 13:08	7440-42-8H	
6010D MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Minneapolis								
Arsenic	2.5	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:25	7440-38-2	
Barium	103	mg/kg	0.50	1	02/27/24 13:26	02/28/24 15:25	7440-39-3	
Cadmium	0.22	mg/kg	0.15	1	02/27/24 13:26	02/28/24 15:25	7440-43-9	
Copper	6.0	mg/kg	0.50	1	02/27/24 13:26	02/28/24 15:25	7440-50-8	
Lead	4.2	mg/kg	0.50	1	02/27/24 13:26	02/28/24 15:25	7439-92-1	
Nickel	6.7	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:25	7440-02-0	
Selenium	ND	mg/kg	1.0	1	02/27/24 13:26	02/28/24 15:25	7782-49-2	
Silver	ND	mg/kg	0.50	1	02/27/24 13:26	02/28/24 15:25	7440-22-4	
Zinc	21.5	mg/kg	2.0	1	02/27/24 13:26	02/28/24 15:25	7440-66-6	
Dry Weight / %M by ASTM D2974 Analytical Method: ASTM D2974 Pace Analytical Services - Minneapolis								
Percent Moisture	7.5	%	0.10	1		02/27/24 13:21		N2
8270E MSSV PAH by SIM Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Minneapolis								
Acenaphthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	83-32-9	
Anthracene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	207-08-9	
Chrysene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	53-70-3	
Fluoranthene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	206-44-0	
Fluorene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	86-73-7	

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ANALYTICAL RESULTS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Sample: Well 20-3 WH FL @7' Lab ID: 10684923006 Collected: 02/23/24 11:10 Received: 02/27/24 08:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM								
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Minneapolis								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	193-39-5	
1-Methylnaphthalene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	91-57-6	
Naphthalene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	91-20-3	
Pyrene	ND	ug/kg	10.8	1	02/27/24 12:43	02/29/24 00:13	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	48-125	1	02/27/24 12:43	02/29/24 00:13	321-60-8	
p-Terphenyl-d14 (S)	73	%.	51-139	1	02/27/24 12:43	02/29/24 00:13	1718-51-0	
8260D MSV UST								
Analytical Method: EPA 8260D Preparation Method: EPA 5035/5030B								
Pace Analytical Services - Minneapolis								
Benzene	ND	ug/kg	8.6	1	02/28/24 08:53	02/28/24 20:17	71-43-2	
Ethylbenzene	ND	ug/kg	21.5	1	02/28/24 08:53	02/28/24 20:17	100-41-4	
Toluene	ND	ug/kg	21.5	1	02/28/24 08:53	02/28/24 20:17	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	21.5	1	02/28/24 08:53	02/28/24 20:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	21.5	1	02/28/24 08:53	02/28/24 20:17	108-67-8	
Xylene (Total)	ND	ug/kg	64.5	1	02/28/24 08:53	02/28/24 20:17	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%.	75-125	1	02/28/24 08:53	02/28/24 20:17	460-00-4	
Toluene-d8 (S)	100	%.	75-125	1	02/28/24 08:53	02/28/24 20:17	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%.	75-125	1	02/28/24 08:53	02/28/24 20:17	2199-69-1	
Total Solids 2540 G-2011								
Analytical Method: SM 2540G Preparation Method: SM 2540 G								
Pace National - Mt. Juliet								
Total Solids	92.6	%		1	03/01/24 07:15	03/01/24 07:20		
Wet Chemistry 7199								
Analytical Method: EPA 7199 Preparation Method: 3060A								
Pace National - Mt. Juliet								
Chromium, Hexavalent	ND	mg/kg	1.00	1	02/28/24 22:08	02/29/24 09:26		
Wet Chemistry 9045D								
Analytical Method: EPA 9045D Preparation Method: 9045C/9045D								
Pace National - Mt. Juliet								
pH	8.34	Std. Units		1	02/28/24 17:50	02/29/24 16:30		H3
Wet Chemistry 9050AMod								
Analytical Method: EPA 9050 Preparation Method: 9050A								
Pace National - Mt. Juliet								
Specific Conductance	245	umhos/cm	10.0	1	02/29/24 09:44	03/01/24 10:00		
Calculated Results								
Analytical Method: Calculated Preparation Method: Calc								
Pace National - Mt. Juliet								
Sodium Adsorption Ratio	0.924			1	03/02/24 12:51	03/02/24 12:51		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3
Pace Project No.: 10684923

QC Batch:	933682	Analysis Method:	EPA 8015D
QC Batch Method:	EPA 5030	Analysis Description:	8015D GCV GRO Solid
		Laboratory:	Pace Analytical Services - Minneapolis

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: 4894663 Matrix: Solid
Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	02/27/24 13:53	
a,a,a-Trifluorotoluene (S)	%.	122	71-135	02/27/24 13:53	

LABORATORY CONTROL SAMPLE: 4894664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	50	48.0	96	74-125	
a,a,a-Trifluorotoluene (S)	%.			125	71-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4894665 4894666

Parameter	Units	10684923001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Gasoline Range Organics	mg/kg	ND	21	21	19.9	19.4	94	92	42-132	2	
a,a,a-Trifluorotoluene (S)	%.						123	122	71-135		

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch: 2237443

Analysis Method: 6010B-NE493 Ch 2

QC Batch Method: HWS Boron

Analysis Description: Metals (ICP) 6010B-NE493 Ch 2

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: R4040420-1

Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Boron, Hot Water Soluble	ug/L	ND	200	03/01/24 12:09	

LABORATORY CONTROL SAMPLE & LCSD: R4040420-2

R4040420-3

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Boron, Hot Water Soluble	ug/L	1000	1040	1060	104	106	80.0-120	2.16	20	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch:	933717	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3050B	Analysis Description:	6010D Solids
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006			

METHOD BLANK: 4894790

Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.99	02/28/24 15:01	
Barium	mg/kg	ND	0.49	02/28/24 15:01	
Cadmium	mg/kg	ND	0.15	02/28/24 15:01	
Copper	mg/kg	ND	0.49	02/28/24 15:01	
Lead	mg/kg	ND	0.49	02/28/24 15:01	
Nickel	mg/kg	ND	0.99	02/28/24 15:01	
Selenium	mg/kg	ND	0.99	02/28/24 15:01	
Silver	mg/kg	ND	0.49	02/28/24 15:01	
Zinc	mg/kg	ND	2.0	02/28/24 15:01	

LABORATORY CONTROL SAMPLE: 4894791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	49.4	47.8	97	80-120	
Barium	mg/kg	49.4	50.0	101	80-120	
Cadmium	mg/kg	49.4	51.5	104	80-120	
Copper	mg/kg	49.4	49.2	100	80-120	
Lead	mg/kg	49.4	50.0	101	80-120	
Nickel	mg/kg	49.4	49.3	100	80-120	
Selenium	mg/kg	49.4	46.3	94	80-120	
Silver	mg/kg	24.7	23.9	97	80-120	
Zinc	mg/kg	49.4	50.9	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4894792 4894793

Parameter	Units	10684923001		MS		MSD		MS		MSD		MS		MSD		% Rec		Limits	RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	% Rec	% Rec			
Arsenic	mg/kg	3.8		52.1	52.7	49.7	53.0	88	93	75-125	7							75-125	7	
Barium	mg/kg	107		52.1	52.7	121	158	27	97	75-125	26	M1,R1						75-125	26	
Cadmium	mg/kg	0.53		52.1	52.7	46.9	47.4	89	89	75-125	1							75-125	1	
Copper	mg/kg	7.4		52.1	52.7	55.4	57.9	92	96	75-125	4							75-125	4	
Lead	mg/kg	5.8		52.1	52.7	49.8	51.5	84	86	75-125	3							75-125	3	
Nickel	mg/kg	8.1		52.1	52.7	50.8	53.5	82	86	75-125	5							75-125	5	
Selenium	mg/kg	ND		52.1	52.7	45.1	46.8	87	89	75-125	4							75-125	4	
Silver	mg/kg	ND		26	26.4	23.9	24.6	92	93	75-125	3							75-125	3	
Zinc	mg/kg	27.8		52.1	52.7	70.0	73.2	81	86	75-125	4							75-125	4	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3
Pace Project No.: 10684923

QC Batch:	933716	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight / %M by ASTM D2974
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006			

SAMPLE DUPLICATE: 4894789

Parameter	Units	10684923001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	6.9	6.9	0	N2

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REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch:	933816	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260D MSV UST
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006			

METHOD BLANK:	4895221	Matrix:	Solid
Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006			

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	02/28/24 18:38	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	02/28/24 18:38	
Benzene	ug/kg	ND	20.0	02/28/24 18:38	
Ethylbenzene	ug/kg	ND	50.0	02/28/24 18:38	
Toluene	ug/kg	ND	50.0	02/28/24 18:38	
Xylene (Total)	ug/kg	ND	150	02/28/24 18:38	
1,2-Dichlorobenzene-d4 (S)	%	100	75-125	02/28/24 18:38	
4-Bromofluorobenzene (S)	%	98	75-125	02/28/24 18:38	
Toluene-d8 (S)	%	98	75-125	02/28/24 18:38	

LABORATORY CONTROL SAMPLE & LCSD:		4895222	4895223							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1110	1100	111	110	66-129	0	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1120	1090	112	109	66-129	3	20	
Benzene	ug/kg	1000	1020	1010	102	101	75-125	0	20	
Ethylbenzene	ug/kg	1000	1070	1050	107	105	70-125	2	20	
Toluene	ug/kg	1000	1030	1060	103	106	72-125	3	20	
Xylene (Total)	ug/kg	3000	3220	3130	107	104	70-125	3	20	
1,2-Dichlorobenzene-d4 (S)	%				99	100	75-125			
4-Bromofluorobenzene (S)	%				98	98	75-125			
Toluene-d8 (S)	%				99	99	75-125			

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch:	933688	Analysis Method:	EPA 8015D Modified
QC Batch Method:	EPA 3546 Microwave	Analysis Description:	8015D Solid GCSV
		Laboratory:	Pace Analytical Services - Minneapolis

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: 4894693 Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Motor Oil Range (C24-C36)	mg/kg	ND	10.0	02/28/24 11:23	N2
TPH-DRO (C10-C28)	mg/kg	ND	10.0	02/28/24 11:23	
n-Triacontane (S)	%.	87	30-150	02/28/24 11:23	
o-Terphenyl (S)	%.	85	30-150	02/28/24 11:23	

LABORATORY CONTROL SAMPLE: 4894694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Motor Oil Range (C24-C36)	mg/kg	50	49.0	98	73-125	N2
TPH-DRO (C10-C28)	mg/kg	50	48.2	96	66-125	
n-Triacontane (S)	%.			101	30-150	
o-Terphenyl (S)	%.			94	30-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4894695 4894696

Parameter	10684923002		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
Motor Oil Range (C24-C36)	mg/kg	ND	53.5	53.5	52.9	53.1	94	94	30-150	0	N2
TPH-DRO (C10-C28)	mg/kg	ND	53.5	53.5	52.3	52.7	94	95	30-150	1	
n-Triacontane (S)	%.						97	98	30-150		
o-Terphenyl (S)	%.						91	92	30-150		

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch: 933685 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid PAH by SIM MSSV
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: 4894680

Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	10.0	02/28/24 20:55	
2-Methylnaphthalene	ug/kg	ND	10.0	02/28/24 20:55	
Acenaphthene	ug/kg	ND	10.0	02/28/24 20:55	
Anthracene	ug/kg	ND	10.0	02/28/24 20:55	
Benzo(a)anthracene	ug/kg	ND	10.0	02/28/24 20:55	
Benzo(a)pyrene	ug/kg	ND	10.0	02/28/24 20:55	
Benzo(b)fluoranthene	ug/kg	ND	10.0	02/28/24 20:55	
Benzo(k)fluoranthene	ug/kg	ND	10.0	02/28/24 20:55	
Chrysene	ug/kg	ND	10.0	02/28/24 20:55	
Dibenz(a,h)anthracene	ug/kg	ND	10.0	02/28/24 20:55	
Fluoranthene	ug/kg	ND	10.0	02/28/24 20:55	
Fluorene	ug/kg	ND	10.0	02/28/24 20:55	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	10.0	02/28/24 20:55	
Naphthalene	ug/kg	ND	10.0	02/28/24 20:55	
Pyrene	ug/kg	ND	10.0	02/28/24 20:55	
2-Fluorobiphenyl (S)	%	75	48-125	02/28/24 20:55	
p-Terphenyl-d14 (S)	%	76	51-139	02/28/24 20:55	

LABORATORY CONTROL SAMPLE: 4894681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	100	65.6	66	36-125	
2-Methylnaphthalene	ug/kg	100	65.6	66	33-125	
Acenaphthene	ug/kg	100	74.9	75	45-125	
Anthracene	ug/kg	100	86.5	87	59-125	
Benzo(a)anthracene	ug/kg	100	92.3	92	66-125	
Benzo(a)pyrene	ug/kg	100	85.2	85	65-125	
Benzo(b)fluoranthene	ug/kg	100	93.1	93	61-125	
Benzo(k)fluoranthene	ug/kg	100	85.9	86	65-125	
Chrysene	ug/kg	100	87.3	87	63-125	
Dibenz(a,h)anthracene	ug/kg	100	86.7	87	63-125	
Fluoranthene	ug/kg	100	93.4	93	62-125	
Fluorene	ug/kg	100	81.9	82	51-125	
Indeno(1,2,3-cd)pyrene	ug/kg	100	89.3	89	61-125	
Naphthalene	ug/kg	100	65.6	66	37-125	
Pyrene	ug/kg	100	78.0	78	65-125	
2-Fluorobiphenyl (S)	%			67	48-125	
p-Terphenyl-d14 (S)	%			75	51-139	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4894682 4894684												
Parameter	Units	10684923001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
		Result	Conc.	Spike	Spike							
1-Methylnaphthalene	ug/kg	ND	107	107	107	71.3	68.1	67	64	30-125	5	
2-Methylnaphthalene	ug/kg	ND	107	107	107	71.0	68.3	67	64	30-125	4	
Acenaphthene	ug/kg	ND	107	107	107	82.3	81.8	77	77	30-131	1	
Anthracene	ug/kg	ND	107	107	107	94.4	92.1	89	86	35-131	2	
Benzo(a)anthracene	ug/kg	ND	107	107	107	99.7	99.5	94	93	30-150	0	
Benzo(a)pyrene	ug/kg	ND	107	107	107	91.6	91.0	86	85	30-148	1	
Benzo(b)fluoranthene	ug/kg	ND	107	107	107	101	99.9	94	94	30-150	1	
Benzo(k)fluoranthene	ug/kg	ND	107	107	107	94.8	91.1	89	85	30-150	4	
Chrysene	ug/kg	11.9	107	107	107	94.4	95.5	77	78	30-150	1	
Dibenz(a,h)anthracene	ug/kg	ND	107	107	107	95.8	96.1	90	90	50-125	0	
Fluoranthene	ug/kg	36.1	107	107	107	100	99.4	60	59	30-150	1	
Fluorene	ug/kg	ND	107	107	107	92.4	92.3	87	86	35-128	0	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	107	107	107	100	100	94	94	30-150	0	
Naphthalene	ug/kg	ND	107	107	107	65.7	64.1	62	60	30-125	2	
Pyrene	ug/kg	25.0	107	107	107	84.4	83.4	56	55	30-150	1	
2-Fluorobiphenyl (S)	%.							67	64	48-125		
p-Terphenyl-d14 (S)	%.							72	70	51-139		

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch: 2237388

Analysis Method: SM 2540G

QC Batch Method: SM 2540 G

Analysis Description: Total Solids 2540 G-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: R4040638-1

Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	ND		03/01/24 07:20	

LABORATORY CONTROL SAMPLE: R4040638-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	90.0-110	

SAMPLE DUPLICATE: R4040638-3

Parameter	Units	10684923004 Result	Dup Result	RPD	Qualifiers
Total Solids	%	92.2	92.6	0.479	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch: 2236130

Analysis Method: EPA 7199

QC Batch Method: 3060A

Analysis Description: Wet Chemistry 7199

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: R4039649-1

Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	mg/kg	ND	1.00	02/29/24 06:49	

LABORATORY CONTROL SAMPLE: R4039649-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	10.0	10.8	108	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4039649-4 R4039649-5

Parameter	Units	L1709678-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chromium, Hexavalent	mg/kg	ND	20.0	20.0	12.6	12.8	63.0	64.2	75.0-125	1.81	ML

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4039649-10 R4039649-11

Parameter	Units	10684923005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chromium, Hexavalent	mg/kg	ND	20.0	20.0	14.8	16.4	74.1	81.8	75.0-125	9.93	ML

MATRIX SPIKE SAMPLE: R4039649-6

Parameter	Units	L1709678-01 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	ND	638	633	99.2	75.0-125	

MATRIX SPIKE SAMPLE: R4039649-12

Parameter	Units	10684923005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	ND	651	699	107	75.0-125	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

SAMPLE DUPLICATE: R4039649-7

Parameter	Units	L1709678-03 Result	Dup Result	RPD	Qualifiers
Chromium, Hexavalent	mg/kg	ND	ND	0.00	

SAMPLE DUPLICATE: R4039649-8

Parameter	Units	10684923003 Result	Dup Result	RPD	Qualifiers
Chromium, Hexavalent	mg/kg	ND	ND	0.00	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch: 2236286

Analysis Method: EPA 9045D

QC Batch Method: 9045C/9045D

Analysis Description: Wet Chemistry 9045D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

LABORATORY CONTROL SAMPLE: R4040057-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
pH	Std. Units	10.0	10.0	100	99.0-101	

SAMPLE DUPLICATE: R4040057-2

Parameter	Units	L1709169-03 Result	Dup Result	RPD	Qualifiers
pH	Std. Units	8.54	8.58	0.467	

SAMPLE DUPLICATE: R4040057-3

Parameter	Units	L1709660-02 Result	Dup Result	RPD	Qualifiers
pH	Std. Units	8.00	8.05	0.623	

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QUALITY CONTROL DATA

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

QC Batch: 2233709

Analysis Method: EPA 9050

QC Batch Method: 9050A

Analysis Description: Wet Chemistry 9050AMod

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

METHOD BLANK: R4040241-1

Matrix: Solid

Associated Lab Samples: 10684923001, 10684923002, 10684923003, 10684923004, 10684923005, 10684923006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Specific Conductance	umhos/cm	ND	10.0	03/01/24 10:00	

LABORATORY CONTROL SAMPLE: R4040241-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Specific Conductance	umhos/cm	327	333	102	85.0-115	

SAMPLE DUPLICATE: R4040241-3

Parameter	Units	L1709068-02 Result	Dup Result	RPD	Qualifiers
Specific Conductance	umhos/cm	422	421	0.237	

SAMPLE DUPLICATE: R4040241-4

Parameter	Units	L1709678-01 Result	Dup Result	RPD	Qualifiers
Specific Conductance	umhos/cm	269	268	0.186	

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QUALIFIERS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

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.

WORKORDER QUALIFIERS

WO: 10684923

[1] The samples were received outside of required temperature range. Analysis was completed upon client approval.

SAMPLE QUALIFIERS

Sample: 10684923001

[1] Wet Chemistry by Method 9045D - 8.12 at 20.2C

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: 10684923002

[1] Wet Chemistry by Method 9045D - 8.36 at 20C

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: 10684923003

[1] Wet Chemistry by Method 9045D - 8.39 at 20C

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: 10684923004

[1] Wet Chemistry by Method 9045D - 8.26 at 19.9C

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: 10684923005

[1] Wet Chemistry by Method 9045D - 8.13 at 19.7C

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QUALIFIERS

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

SAMPLE QUALIFIERS

Sample: 10684923005

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: 10684923006

[1] Wet Chemistry by Method 9045D - 8.34 at 19.4C

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: R4040057-1

[1] Wet Chemistry by Method 9045D - 10.02 at 19.7C

Sample: R4040057-2

[1] Wet Chemistry by Method 9045D - 8.58 at 20.1C

Sample: R4040057-3

[1] Wet Chemistry by Method 9045D - 8.05 at 20.5C

Sample: R4040241-1

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: R4040241-2

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: R4040241-3

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: R4040241-4

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: L1709068-02

[1] Wet Chemistry by Method 9050AMod - at 25C

Sample: L1709169-03

[1] Wet Chemistry by Method 9045D - 8.54 at 20.2C

Sample: L1709660-02

[1] Wet Chemistry by Method 9045D - 8 at 20.6C

Sample: L1709678-01

[1] Wet Chemistry by Method 9050AMod - at 25C

BATCH QUALIFIERS

Batch: 934077

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

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

ML Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Gault-Platt Well 20-3

Pace Project No.: 10684923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10684923001	Well 20-3 FL East End	EPA 3546 Microwave	933688	EPA 8015D Modified	933914
10684923002	Well 20-3 S Wall @ 8'	EPA 3546 Microwave	933688	EPA 8015D Modified	933914
10684923003	Well 20-3 W Wall @ 8'	EPA 3546 Microwave	933688	EPA 8015D Modified	933914
10684923004	Well 20-3 N Wall @ 8'	EPA 3546 Microwave	933688	EPA 8015D Modified	933914
10684923005	Well 20-3 E Wall @ 8'	EPA 3546 Microwave	933688	EPA 8015D Modified	933914
10684923006	Well 20-3 WH FL @7'	EPA 3546 Microwave	933688	EPA 8015D Modified	933914
10684923001	Well 20-3 FL East End	EPA 5030	933682	EPA 8015D	933697
10684923002	Well 20-3 S Wall @ 8'	EPA 5030	933682	EPA 8015D	933697
10684923003	Well 20-3 W Wall @ 8'	EPA 5030	933682	EPA 8015D	933697
10684923004	Well 20-3 N Wall @ 8'	EPA 5030	933682	EPA 8015D	933697
10684923005	Well 20-3 E Wall @ 8'	EPA 5030	933682	EPA 8015D	933697
10684923006	Well 20-3 WH FL @7'	EPA 5030	933682	EPA 8015D	933697
10684923001	Well 20-3 FL East End	HWS Boron	2237443	6010B-NE493 Ch 2	2237443
10684923002	Well 20-3 S Wall @ 8'	HWS Boron	2237443	6010B-NE493 Ch 2	2237443
10684923003	Well 20-3 W Wall @ 8'	HWS Boron	2237443	6010B-NE493 Ch 2	2237443
10684923004	Well 20-3 N Wall @ 8'	HWS Boron	2237443	6010B-NE493 Ch 2	2237443
10684923005	Well 20-3 E Wall @ 8'	HWS Boron	2237443	6010B-NE493 Ch 2	2237443
10684923006	Well 20-3 WH FL @7'	HWS Boron	2237443	6010B-NE493 Ch 2	2237443
10684923001	Well 20-3 FL East End	EPA 3050B	933717	EPA 6010D	933829
10684923002	Well 20-3 S Wall @ 8'	EPA 3050B	933717	EPA 6010D	933829
10684923003	Well 20-3 W Wall @ 8'	EPA 3050B	933717	EPA 6010D	933829
10684923004	Well 20-3 N Wall @ 8'	EPA 3050B	933717	EPA 6010D	933829
10684923005	Well 20-3 E Wall @ 8'	EPA 3050B	933717	EPA 6010D	933829
10684923006	Well 20-3 WH FL @7'	EPA 3050B	933717	EPA 6010D	933829
10684923001	Well 20-3 FL East End	ASTM D2974	933716		
10684923002	Well 20-3 S Wall @ 8'	ASTM D2974	933716		
10684923003	Well 20-3 W Wall @ 8'	ASTM D2974	933716		
10684923004	Well 20-3 N Wall @ 8'	ASTM D2974	933716		
10684923005	Well 20-3 E Wall @ 8'	ASTM D2974	933716		
10684923006	Well 20-3 WH FL @7'	ASTM D2974	933716		
10684923001	Well 20-3 FL East End	EPA 3546	933685	EPA 8270E by SIM	933883
10684923002	Well 20-3 S Wall @ 8'	EPA 3546	933685	EPA 8270E by SIM	933883
10684923003	Well 20-3 W Wall @ 8'	EPA 3546	933685	EPA 8270E by SIM	933883
10684923004	Well 20-3 N Wall @ 8'	EPA 3546	933685	EPA 8270E by SIM	933883
10684923005	Well 20-3 E Wall @ 8'	EPA 3546	933685	EPA 8270E by SIM	933883
10684923006	Well 20-3 WH FL @7'	EPA 3546	933685	EPA 8270E by SIM	933883
10684923001	Well 20-3 FL East End	EPA 5035/5030B	933816	EPA 8260D	934077
10684923002	Well 20-3 S Wall @ 8'	EPA 5035/5030B	933816	EPA 8260D	934077
10684923003	Well 20-3 W Wall @ 8'	EPA 5035/5030B	933816	EPA 8260D	934077
10684923004	Well 20-3 N Wall @ 8'	EPA 5035/5030B	933816	EPA 8260D	934077
10684923005	Well 20-3 E Wall @ 8'	EPA 5035/5030B	933816	EPA 8260D	934077
10684923006	Well 20-3 WH FL @7'	EPA 5035/5030B	933816	EPA 8260D	934077
10684923001	Well 20-3 FL East End	SM 2540 G	2237388	SM 2540G	2237388
10684923002	Well 20-3 S Wall @ 8'	SM 2540 G	2237388	SM 2540G	2237388
10684923003	Well 20-3 W Wall @ 8'	SM 2540 G	2237388	SM 2540G	2237388

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Gault-Platt Well 20-3
Pace Project No.: 10684923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10684923004	Well 20-3 N Wall @ 8'	SM 2540 G	2237388	SM 2540G	2237388
10684923005	Well 20-3 E Wall @ 8'	SM 2540 G	2237388	SM 2540G	2237388
10684923006	Well 20-3 WH FL @7'	SM 2540 G	2237388	SM 2540G	2237388
10684923001	Well 20-3 FL East End	3060A	2236130	EPA 7199	2236130
10684923002	Well 20-3 S Wall @ 8'	3060A	2236130	EPA 7199	2236130
10684923003	Well 20-3 W Wall @ 8'	3060A	2236130	EPA 7199	2236130
10684923004	Well 20-3 N Wall @ 8'	3060A	2236130	EPA 7199	2236130
10684923005	Well 20-3 E Wall @ 8'	3060A	2236130	EPA 7199	2236130
10684923006	Well 20-3 WH FL @7'	3060A	2236130	EPA 7199	2236130
10684923001	Well 20-3 FL East End	9045C/9045D	2236286	EPA 9045D	2236286
10684923002	Well 20-3 S Wall @ 8'	9045C/9045D	2236286	EPA 9045D	2236286
10684923003	Well 20-3 W Wall @ 8'	9045C/9045D	2236286	EPA 9045D	2236286
10684923004	Well 20-3 N Wall @ 8'	9045C/9045D	2236286	EPA 9045D	2236286
10684923005	Well 20-3 E Wall @ 8'	9045C/9045D	2236286	EPA 9045D	2236286
10684923006	Well 20-3 WH FL @7'	9045C/9045D	2236286	EPA 9045D	2236286
10684923001	Well 20-3 FL East End	9050A	2233709	EPA 9050	2233709
10684923002	Well 20-3 S Wall @ 8'	9050A	2233709	EPA 9050	2233709
10684923003	Well 20-3 W Wall @ 8'	9050A	2233709	EPA 9050	2233709
10684923004	Well 20-3 N Wall @ 8'	9050A	2233709	EPA 9050	2233709
10684923005	Well 20-3 E Wall @ 8'	9050A	2233709	EPA 9050	2233709
10684923006	Well 20-3 WH FL @7'	9050A	2233709	EPA 9050	2233709
10684923001	Well 20-3 FL East End	Calc	2237441	Calculated	2237441
10684923002	Well 20-3 S Wall @ 8'	Calc	2237441	Calculated	2237441
10684923003	Well 20-3 W Wall @ 8'	Calc	2237441	Calculated	2237441
10684923004	Well 20-3 N Wall @ 8'	Calc	2237441	Calculated	2237441
10684923005	Well 20-3 E Wall @ 8'	Calc	2237441	Calculated	2237441
10684923006	Well 20-3 WH FL @7'	Calc	2237441	Calculated	2237441

REPORT OF LABORATORY ANALYSIS

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Pace® Location Requested (City/State):

Pace Analytical Minnesota
1700 Elm Street, Suite 200
Minneapolis, MN 55414

Company Name: Wellington Operating Company

Street Address: 328 South Overland Trail,
Fort Collins, CO 80521

Customer Project #: Gault-Piatt Well 20-3

Project Name: Table 915

Site Collection Info/Facility ID (as applicable):

CHAIN-OF-CUSTODY Analytical Request Document

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

Contact/Report To: Randy Evans

Phone #: 970-402-0418

E-Mail: rgrevans477@gmail.com

Cc E-Mail:

Invoice To: Accounts Payable

Invoice E-Mail: ap@kingoperating.com

Purchase Order # (if applicable): WOC-RE-137

Quote #:

Country / State origin of sample(s): Colorado

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

Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [X] 3 Day [] Other [] Yes [X] No

Date Results Requested: ASAP

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

Analysis:

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

Customer Sample ID

Matrix * Comp / Grab

Composite Start Date Time

Collected or Composite End Date Time

Cont. Results Units

Res. Chlorine

Well 20-3 FL East End

Well 20-3 S Wall @ 8'

Well 20-3 W Wall @ 8'

Well 20-3 N Wall @ 8'

Well 20-3 E Wall @ 8'

Well 20-3 WH FL @ 7'

Additional Instructions from Pace®:

Collected By:

(Printed Name)

Signature:

Randy Evans

Date/Time:

02/26/24; 16:00

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Received by/Company: (Signature)

FED EX

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Date/Time:

02/26/24; 16:00

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Obs. Temp. (°C):

11.9

Correction Factor (°C):

7.3

Obs. Temp. (°C):

12.2

On Ice:

Tracking Number:

Delivered by: [] In-Person [] Courier

[X] FedEx [] UPS [] Other

Page: 1 of 1

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

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

Proj. Mgr:

Yeng Ozawa

AcctNum / Client ID:

Table #:

Profile / Template:

44960

Prelog / Bottle Ord. ID:

EZ 3065159

Sample Comment

8015D GCS THC-Diesel Microwave

8015D GCV GRO

8260D MSV UST

EC/SAR/pH/HWS Boron (PN)

Hex Chrome VI (PN)

Metals Digestion: 6010D MET ICP;

8270E MSSV PAH by

Lab Use Only

Preservation non-conformance identified for

Customer Remarks / Special Conditions / Possible Hazards:

001

002

003

004

005

006

</

ENV-FRM-MIN4-0150 v15 Sample Condition Upon Receipt

CLIENT NAME: Wellington Operating Co.

PROJECT #:

WO#: **10684923**

COURIER: ☐ Client ☐ Commercial ☒ FedEx ☐ Pace
☐ Speedee ☐ UPS ☐ USPS

PM: Y01 Due Date: 03/12/24
 CLIENT: Wellington

TRACKING NUMBER: 5405 1824 8765 ☐ See Exceptions form ENV-FRM-MIN4-0142

Custody Seal on Coole/Box Present: ☒ YES ☐ NO Seals Intact: ☒ YES ☐ NO Biological Tissue Frozen: ☐ YES ☐ NO ☒ N/A
 Packing Material: ☒ Bubble Bags ☒ Bubble Wrap ☐ None ☐ Other Temp Blank: ☒ YES ☐ NO Type of Ice: ☐ Blue ☐ Dry ☒ Wet
 Thermometer: ☐ T1 (0461) ☒ T2 (0436) ☐ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☒ T8 (0775) ☐ T9 (0727) ☐ 01339252 (1710) ☐ Melted ☐ None

Did Samples Originate in West Virginia: ☐ YES ☒ NO Were All Container Temps taken: ☐ YES ☐ NO ☒ N/A
 Correction Factor: 1.3 Cooler Temp Read w/Temp Blank: 11.9 °C Average Corrected Temp (no Temp Blank Only): _____ °C
 Cooler Temp Corrected w/Temp Blank: 12.2 °C
 NOTE: Temp should be above freezing to 6 °C. ☒ See Exceptions Form ENV-FRM-MIN4-0142 ☐ 1 Container

USDA Regulated Soil: ☐ N/A – Water Sample/Other (describe): _____ Initials & Date of Person Examining Contents: 22724 MLS
 Did Samples originate from one of the following states (check maps) – AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA: ☐ YES ☒ NO Did samples originate 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): <input type="checkbox"/> DULUTH <input checked="" type="checkbox"/> MINNEAPOLIS <input type="checkbox"/> VIRGINIA	YES	NO	N/A	COMMENT(S)								
Chain of Custody Present and Filled Out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.								
Chain of Custody Relinquished?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.								
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.								
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. If Fecal: <input type="checkbox"/> <8 hrs <input type="checkbox"/> >8 hr, <24 hr <input type="checkbox"/> No								
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. <input type="checkbox"/> BOD / cBOD <input type="checkbox"/> Fecal coliform <input type="checkbox"/> Hex Chrom <input type="checkbox"/> HPC <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Ortho Phos <input type="checkbox"/> Total coliform/E. coli <input type="checkbox"/> Other: _____								
Rush Turn Around Time Requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. <u>ASAP</u>								
Sufficient Sample Volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.								
Correct Containers Used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.								
– Pace Containers Used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.								
Containers Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10. Is sediment visible in the dissolved container: <input type="checkbox"/> YES <input type="checkbox"/> NO								
Field Filtered Volume Received for Dissolved Tests?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11. If NO, write ID/Date/Time of container below: <input type="checkbox"/> See Exceptions form ENV-FRM-MIN4-0142								
Is sufficient information available to reconcile the samples to the COC? NOTE: If ID/Date/Time don't match fill out section 11. Matrix: <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. Sample #: <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> Zinc Acetate Positive for Residual Chlorine: <input type="checkbox"/> YES <input type="checkbox"/> NO pH Paper Lot # <table border="1"> <tr> <th>Residual Chlorine</th> <th>0-6 Roll</th> <th>0-6 Strip</th> <th>0-14 Strip</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table> <input type="checkbox"/> See Exceptions form ENV-FRM-MIN4-0142	Residual Chlorine	0-6 Roll	0-6 Strip	0-14 Strip				
Residual Chlorine	0-6 Roll	0-6 Strip	0-14 Strip									
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil & Grease, DRO/8015 (water) and Dioxins/PFAS NOTE: If adding preservative to a container, it must be added to associated field and equipment blanks—verify with PM first.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	13.								
Headspace in Methyl Mercury Container?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14.								
Extra labels present on soil VOA or WIDRO containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> See Exceptions form ENV-FRM-MIN4-0142								
Headspace in VOA Vials (greater than 6mm)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	15.								
Trip Blanks Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pace Trip Blank Lot # (if purchased): _____								
Trip Blank Custody Seals Present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									

CLIENT NOTIFICATION / RESOLUTION

FIELD DATA REQUIRED: ☐ YES ☐ NO

Person Contacted: _____ Date & Time: _____
 Comments / Resolution: Notified client on OOT samples and fastest turn is 5 day.

Project Manager Review: Yeng Ozawa

Date: 2/27/24

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

Labeled By: MLS

Line: 2

Workorder #: _____

No Temp Blank		
Read Temp	Corrected Temp	Average temp

PM Notified of Out of Temp Cooler?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
If yes, indicate who was contacted, date and time. If no, indicate reason why.		
22724 1030 401		
Multiple Cooler Project?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

If anything is OVER 6.0°C, you **MUST** document containers in this section HERE



Tracking Number	Temperature



Out of Temp Sample ID	Container Type	# of Containers
1-6	JGCU	1x
1-6	JGFW	3x
1-6	V69M	4x

pH Adjustment Log for Preserved Samples

Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition?		Initials
								YES	NO	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	
								<input type="checkbox"/>	<input type="checkbox"/>	

Comments:

G229



State Of Origin: CO

☐ Samples Pre-Logged into eCOC

Cert. Needed: ☐ Yes

☐ No

Workorder Name: Gault-Platt Well 20-3

Owner Received Date: 2/27/2024 Results Requested By: 3/1/2024

[illegible]

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.

This chain of custody is considered complete as is since this information is available in the owner laboratory.

Sample Receipt Checklist

COC Seal Present/Intact:	<u>Y</u>	N	If Applicable	
COC Signed/Accurate:	<u>Y</u>	N	VOA Zero Headspace:	<u>Y</u> N
Bottles arrive intact:	<u>Y</u>	N	Pres. Correct/Check:	<u>Y</u> N
Correct bottles used:	<u>Y</u>	N		
Sufficient volume sent:	<u>Y</u>	N		
RA Screen <0.5 mR/hr:	<u>Y</u>	N		

DP49 2.5+0=2.5
6476 5642 452