APPENDIX A

SOIL BORING LOGS, TEMPORARY WELL DIAGRAMS, & SOIL VAPOR PROBE LOGS

APPENDIX B

SAGE GROUP JOB SUMMARY

9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

Description:	SB-3

Notes:
Anomalies marked in Pink. Border highlighted in White.

SAGE
9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

Description:	SB-3

Notes:
Anomalies marked in Pink. Border highlighted in White.

SAGE
9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

Description:	SB-4

Notes:
Anomalies marked in Pink. Border highlighted in White.

SAGE
9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

Description:	SB-4

Notes:
Anomalies marked in Pink. Border highlighted in White.

9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

Description:	SB-5

Notes:
Anomalies marked in Pink. Border highlighted in White.

9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

Description:	SB-5

Notes:
Anomalies marked in Pink. Border highlighted in White.

SAGE
9511 Angola Court, Suite 223 | Indianapolis, IN 46268
317.868.5050 | dspaulding@sage-grp.com

GENERAL TERMS AND CONDITIONS

1. SAGE provides utility location services in accordance with ASCE Standard 38-02, Quality Level "B" that includes Ground Penetrating Radar (GPR) Services. GPR is a good tool for utility locating; however, it is not without its limitations. In general, our maximum depth penetration with a 350 MHz antenna is 3-8' deep, however, this depth is completely dependent on the composition of soils in the area being surveyed. Customer fully understands that for every foot in depth penetration with the GPR equipment, the pipe/utility must be at least 1" in diameter to be located. For example, at 3 feet in depth, the pipe/utility must be 3" or larger to be detected. Some types of pipes are very difficult to locate, such as clay or concrete pipes, and empty pvc type pipes. Given these factors, SAGE CANNOT guarantee it will be able to locate ALL UTILITIES or BURIED OBJECTS on site.

2. Our goal is to provide you with the answers to your questions regarding what lies below the surface, and where it is located. Customer acknowledges it understands that our answers are based upon an interpretation of retrieved data and are what SAGE believes lies below the surface. The decision to proceed with cutting, coring, drilling, boring, or excavation is left entirely up to the customer.

3. SAGE does not accept liability for an inaccurate interpretation or any other reason, and Customer agrees to release and indemnify SAGE and its owners and agents from all losses and damages from all alleged negligence and/or contract claims by Customer or any third party.

4. Payment is due upon receipt of invoice. Interest charges of 1.5% per month will be incurred on any outstanding balance beyond 30 days after invoice date.

Respectfully submitted,

Derek Spaulding
Service Director

APPENDIX C

LABORATORY ANALYTICAL REPORTS – SOIL, GROUNDWATER, & SOIL VAPOR

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

SAMPLE ANALYTE COUNT

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019009	**NW-SL-SB05 0.5-2'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019010	**NW-SL-SB05 6-7.5'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019011	**NW-SL-SS01 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019012	**NW-SL-SS02 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019013	**NW-SL-SS03 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019014	**NW-SL-SS04 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019015	**NW-SL-SS05 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SAMPLE ANALYTE COUNT

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540G	QAK	1	PASI-I
50372019016	**NW-SL-SS06 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019017	**NW-SL-SS07 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019018	**NW-SL-SS08 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019019	**NW-SL-SS09 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019020	**NW-SL-SS10 0.0-1'**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019021	**NW-SL-FD1**	EPA 6010	ELK	7	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50372019022	**NW-SL-EB1**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	72	PASI-I
50372019023	**NW-SL-TB1**	EPA 8260	TMW	72	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SAMPLE ANALYTE COUNT

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-I = Pace Analytical Services - Indianapolis

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019001	**NW-SL-SB01 0.5-2'**					
EPA 6010	Arsenic	8.5	mg/kg	1.0	05/10/24 13:31	
EPA 6010	Barium	52.1	mg/kg	1.0	05/10/24 13:31	
EPA 6010	Cadmium	0.55	mg/kg	0.52	05/10/24 13:31	
EPA 6010	Chromium	11.0	mg/kg	1.0	05/10/24 13:31	
EPA 6010	Lead	40.3	mg/kg	1.0	05/10/24 13:31	
EPA 8270 by SIM	Acenaphthylene	0.019	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Anthracene	0.025	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Benzo(a)anthracene	0.064	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Benzo(a)pyrene	0.084	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.17	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.056	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.041	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Chrysene	0.083	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.019	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Fluoranthene	0.14	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Fluorene	0.0066	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.054	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	1-Methylnaphthalene	0.057	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	2-Methylnaphthalene	0.058	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Naphthalene	0.031	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Phenanthrene	0.19	mg/kg	0.0054	05/10/24 21:08	
EPA 8270 by SIM	Pyrene	0.13	mg/kg	0.0054	05/10/24 21:08	
SM 2540G	Percent Moisture	10.3	%	0.10	05/13/24 16:40	N2
50372019002	**NW-SL-SB01 6-8'**					
EPA 6010	Arsenic	9.4	mg/kg	1.1	05/10/24 13:33	
EPA 6010	Barium	83.5	mg/kg	1.1	05/10/24 13:33	
EPA 6010	Chromium	13.8	mg/kg	1.1	05/10/24 13:33	
EPA 6010	Lead	19.2	mg/kg	1.1	05/10/24 13:33	
SM 2540G	Percent Moisture	15.2	%	0.10	05/13/24 16:40	N2
50372019003	**NW-SL-SB02 0.5-2'**					
EPA 6010	Arsenic	21.3	mg/kg	1.2	05/10/24 13:38	
EPA 6010	Barium	65.0	mg/kg	1.2	05/10/24 13:38	
EPA 6010	Cadmium	0.60	mg/kg	0.58	05/10/24 13:38	
EPA 6010	Chromium	44.7	mg/kg	1.2	05/10/24 13:38	
EPA 6010	Lead	90.2	mg/kg	1.2	05/10/24 13:38	
EPA 8270 by SIM	Acenaphthene	0.0096	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Acenaphthylene	0.059	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Anthracene	0.039	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Benzo(a)anthracene	0.22	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Benzo(a)pyrene	0.28	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.54	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.18	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.54	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Chrysene	0.32	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.054	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Fluoranthene	0.49	mg/kg	0.0057	05/10/24 21:37	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019003	**NW-SL-SB02 0.5-2'**					
EPA 8270 by SIM	Fluorene	0.019	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.17	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	1-Methylnaphthalene	0.55	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	2-Methylnaphthalene	0.73	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Naphthalene	0.20	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Phenanthrene	0.71	mg/kg	0.0057	05/10/24 21:37	
EPA 8270 by SIM	Pyrene	0.50	mg/kg	0.0057	05/10/24 21:37	
SM 2540G	Percent Moisture	17.8	%	0.10	05/13/24 16:40	N2
50372019004	**NW-SL-SB02 8-10'**					
EPA 6010	Arsenic	5.9	mg/kg	1.0	05/10/24 13:40	
EPA 6010	Barium	56.7	mg/kg	1.0	05/10/24 13:40	
EPA 6010	Chromium	14.4	mg/kg	1.0	05/10/24 13:40	
EPA 6010	Lead	19.0	mg/kg	1.0	05/10/24 13:40	
SM 2540G	Percent Moisture	13.1	%	0.10	05/13/24 16:40	N2
50372019005	**NW-SL-SB03 0.5-2'**					
EPA 6010	Arsenic	28.9	mg/kg	1.2	05/10/24 13:42	
EPA 6010	Barium	134	mg/kg	1.2	05/10/24 13:42	
EPA 6010	Cadmium	0.73	mg/kg	0.58	05/10/24 13:42	
EPA 6010	Chromium	10.9	mg/kg	1.2	05/10/24 13:42	
EPA 6010	Lead	445	mg/kg	1.2	05/10/24 13:42	
EPA 7471	Mercury	0.33	mg/kg	0.25	05/10/24 10:52	
EPA 8270 by SIM	Acenaphthylene	0.34	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Anthracene	0.25	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Benzo(a)anthracene	1.1	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Benzo(a)pyrene	1.9	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Benzo(b)fluoranthene	3.1	mg/kg	0.031	05/10/24 22:05	M1
EPA 8270 by SIM	Benzo(g,h,i)perylene	1.2	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.97	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Chrysene	1.4	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.37	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Fluoranthene	1.2	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Fluorene	0.034	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1.2	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	1-Methylnaphthalene	0.37	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	2-Methylnaphthalene	0.47	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Naphthalene	0.35	mg/kg	0.031	05/10/24 22:05	ED
EPA 8270 by SIM	Phenanthrene	0.69	mg/kg	0.031	05/10/24 22:05	
EPA 8270 by SIM	Pyrene	1.5	mg/kg	0.031	05/10/24 22:05	
SM 2540G	Percent Moisture	20.6	%	0.10	05/13/24 16:40	N2
50372019006	**NW-SL-SB03 3-4'**					
EPA 6010	Arsenic	8.2	mg/kg	1.0	05/10/24 13:43	
EPA 6010	Barium	64.6	mg/kg	1.0	05/10/24 13:43	
EPA 6010	Cadmium	0.88	mg/kg	0.51	05/10/24 13:43	
EPA 6010	Chromium	10.5	mg/kg	1.0	05/10/24 13:43	
EPA 6010	Lead	34.4	mg/kg	1.0	05/10/24 13:43	
EPA 8270 by SIM	Benzo(a)anthracene	0.015	mg/kg	0.0056	05/10/24 22:48	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019006	**NW-SL-SB03 3-4'**					
EPA 8270 by SIM	Benzo(a)pyrene	0.014	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.021	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.013	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0069	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Chrysene	0.028	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Fluoranthene	0.020	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0099	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	1-Methylnaphthalene	0.075	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	2-Methylnaphthalene	0.081	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Naphthalene	0.018	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Phenanthrene	0.098	mg/kg	0.0056	05/10/24 22:48	
EPA 8270 by SIM	Pyrene	0.025	mg/kg	0.0056	05/10/24 22:48	
SM 2540G	Percent Moisture	15.2	%	0.10	05/13/24 16:40	N2
50372019007	**NW-SL-SB04 0.5-2'**					
EPA 6010	Arsenic	15.6	mg/kg	0.99	05/10/24 13:45	
EPA 6010	Barium	52.8	mg/kg	0.99	05/10/24 13:45	
EPA 6010	Chromium	9.2	mg/kg	0.99	05/10/24 13:45	
EPA 6010	Lead	53.5	mg/kg	0.99	05/10/24 13:45	
EPA 8270 by SIM	Acenaphthylene	0.13	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Anthracene	0.083	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Benzo(a)anthracene	0.37	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Benzo(a)pyrene	0.49	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.76	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.33	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.22	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Chrysene	0.43	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.092	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Fluoranthene	0.45	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.30	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	1-Methylnaphthalene	0.37	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	2-Methylnaphthalene	0.42	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Naphthalene	0.17	mg/kg	0.055	05/10/24 23:31	ED
EPA 8270 by SIM	Phenanthrene	0.57	mg/kg	0.055	05/10/24 23:31	
EPA 8270 by SIM	Pyrene	0.55	mg/kg	0.055	05/10/24 23:31	
SM 2540G	Percent Moisture	13.2	%	0.10	05/13/24 16:40	N2
50372019008	**NW-SL-SB04 5-6.5'**					
EPA 6010	Arsenic	8.9	mg/kg	1.1	05/10/24 13:47	
EPA 6010	Barium	39.8	mg/kg	1.1	05/10/24 13:47	
EPA 6010	Chromium	11.0	mg/kg	1.1	05/10/24 13:47	
EPA 6010	Lead	20.3	mg/kg	1.1	05/10/24 13:47	
EPA 8270 by SIM	Benzo(a)anthracene	0.0093	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Benzo(a)pyrene	0.0085	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.013	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0055	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Chrysene	0.012	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Fluoranthene	0.014	mg/kg	0.0055	05/10/24 23:45	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019008	**NW-SL-SB04 5-6.5'**					
EPA 8270 by SIM	1-Methylnaphthalene	0.049	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	2-Methylnaphthalene	0.049	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Naphthalene	0.016	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Phenanthrene	0.066	mg/kg	0.0055	05/10/24 23:45	
EPA 8270 by SIM	Pyrene	0.019	mg/kg	0.0055	05/10/24 23:45	
SM 2540G	Percent Moisture	11.4	%	0.10	05/13/24 16:41	N2
50372019009	**NW-SL-SB05 0.5-2'**					
EPA 6010	Arsenic	12.7	mg/kg	1.1	05/10/24 14:23	
EPA 6010	Barium	55.4	mg/kg	1.1	05/10/24 14:23	
EPA 6010	Chromium	17.6	mg/kg	1.1	05/10/24 14:23	
EPA 6010	Lead	27.5	mg/kg	1.1	05/10/24 14:23	
SM 2540G	Percent Moisture	13.0	%	0.10	05/13/24 16:41	N2
50372019010	**NW-SL-SB05 6-7.5'**					
EPA 6010	Arsenic	6.4	mg/kg	0.96	05/10/24 14:24	
EPA 6010	Barium	32.4	mg/kg	0.96	05/10/24 14:24	
EPA 6010	Chromium	14.0	mg/kg	0.96	05/10/24 14:24	
EPA 6010	Lead	8.8	mg/kg	0.96	05/10/24 14:24	
SM 2540G	Percent Moisture	10.7	%	0.10	05/13/24 16:41	N2
50372019011	**NW-SL-SS01 0.0-1'**					
EPA 6010	Arsenic	7.6	mg/kg	1.0	05/10/24 14:26	
EPA 6010	Barium	77.4	mg/kg	1.0	05/10/24 14:26	
EPA 6010	Chromium	12.7	mg/kg	1.0	05/10/24 14:26	
EPA 6010	Lead	19.3	mg/kg	1.0	05/10/24 14:26	
EPA 8270 by SIM	Benzo(a)anthracene	0.030	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Benzo(a)pyrene	0.047	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.081	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.040	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Chrysene	0.037	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Fluoranthene	0.038	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.035	mg/kg	0.029	05/11/24 00:28	
EPA 8270 by SIM	Pyrene	0.044	mg/kg	0.029	05/11/24 00:28	
SM 2540G	Percent Moisture	16.0	%	0.10	05/13/24 16:41	N2
50372019012	**NW-SL-SS02 0.0-1'**					
EPA 6010	Arsenic	6.7	mg/kg	1.0	05/10/24 14:28	
EPA 6010	Barium	64.5	mg/kg	1.0	05/10/24 14:28	
EPA 6010	Chromium	11.3	mg/kg	1.0	05/10/24 14:28	
EPA 6010	Lead	12.4	mg/kg	1.0	05/10/24 14:28	
EPA 8270 by SIM	Benzo(a)pyrene	0.0063	mg/kg	0.0056	05/11/24 00:42	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.011	mg/kg	0.0056	05/11/24 00:42	
EPA 8270 by SIM	Fluoranthene	0.0060	mg/kg	0.0056	05/11/24 00:42	
EPA 8270 by SIM	Pyrene	0.0069	mg/kg	0.0056	05/11/24 00:42	
SM 2540G	Percent Moisture	15.3	%	0.10	05/13/24 16:41	N2
50372019013	**NW-SL-SS03 0.0-1'**					
EPA 6010	Arsenic	9.4	mg/kg	1.1	05/10/24 14:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019013	**NW-SL-SS03 0.0-1'**					
EPA 6010	Barium	126	mg/kg	1.1	05/10/24 14:30	
EPA 6010	Chromium	12.9	mg/kg	1.1	05/10/24 14:30	
EPA 6010	Lead	34.1	mg/kg	1.1	05/10/24 14:30	
EPA 8270 by SIM	Acenaphthylene	0.073	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Anthracene	0.069	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Benzo(a)anthracene	0.13	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Benzo(a)pyrene	0.21	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.38	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.16	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.14	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Chrysene	0.17	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.046	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Fluoranthene	0.14	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.15	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	1-Methylnaphthalene	0.039	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	2-Methylnaphthalene	0.048	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Naphthalene	0.035	mg/kg	0.028	05/11/24 00:57	ED
EPA 8270 by SIM	Phenanthrene	0.072	mg/kg	0.028	05/11/24 00:57	
EPA 8270 by SIM	Pyrene	0.18	mg/kg	0.028	05/11/24 00:57	
SM 2540G	Percent Moisture	13.5	%	0.10	05/13/24 16:41	N2
50372019014	**NW-SL-SS04 0.0-1'**					
EPA 6010	Arsenic	3.7	mg/kg	1.0	05/10/24 14:31	
EPA 6010	Barium	56.5	mg/kg	1.0	05/10/24 14:31	
EPA 6010	Chromium	7.0	mg/kg	1.0	05/10/24 14:31	
EPA 6010	Lead	8.5	mg/kg	1.0	05/10/24 14:31	
SM 2540G	Percent Moisture	14.1	%	0.10	05/13/24 16:41	N2
50372019015	**NW-SL-SS05 0.0-1'**					
EPA 6010	Arsenic	3.8	mg/kg	1.1	05/10/24 14:33	
EPA 6010	Barium	58.0	mg/kg	1.1	05/10/24 14:33	
EPA 6010	Chromium	7.8	mg/kg	1.1	05/10/24 14:33	
EPA 6010	Lead	9.1	mg/kg	1.1	05/10/24 14:33	
SM 2540G	Percent Moisture	13.9	%	0.10	05/13/24 16:41	N2
50372019016	**NW-SL-SS06 0.0-1'**					
EPA 6010	Arsenic	7.6	mg/kg	1.1	05/10/24 14:35	
EPA 6010	Barium	100	mg/kg	1.1	05/10/24 14:35	
EPA 6010	Chromium	12.8	mg/kg	1.1	05/10/24 14:35	
EPA 6010	Lead	13.4	mg/kg	1.1	05/10/24 14:35	
EPA 8270 by SIM	Benzo(a)anthracene	0.0098	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Benzo(a)pyrene	0.013	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.022	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0099	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0060	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Chrysene	0.011	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Fluoranthene	0.012	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0088	mg/kg	0.0059	05/11/24 01:40	
EPA 8270 by SIM	Phenanthrene	0.0063	mg/kg	0.0059	05/11/24 01:40	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019016	**NW-SL-SS06 0.0-1'**					
EPA 8270 by SIM	Pyrene	0.015	mg/kg	0.0059	05/11/24 01:40	
SM 2540G	Percent Moisture	17.5	%	0.10	05/13/24 16:41	N2
50372019017	**NW-SL-SS07 0.0-1'**					
EPA 6010	Arsenic	8.9	mg/kg	1.2	05/10/24 14:40	
EPA 6010	Barium	96.5	mg/kg	1.2	05/10/24 14:40	
EPA 6010	Chromium	13.9	mg/kg	1.2	05/10/24 14:40	
EPA 6010	Lead	13.4	mg/kg	1.2	05/10/24 14:40	
EPA 8270 by SIM	Benzo(a)anthracene	0.012	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Benzo(a)pyrene	0.018	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.028	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.012	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.012	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Chrysene	0.016	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Fluoranthene	0.016	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.012	mg/kg	0.0057	05/11/24 01:54	
EPA 8270 by SIM	Pyrene	0.019	mg/kg	0.0057	05/11/24 01:54	
SM 2540G	Percent Moisture	17.7	%	0.10	05/13/24 16:41	N2
50372019018	**NW-SL-SS08 0.0-1'**					
EPA 6010	Arsenic	7.5	mg/kg	1.0	05/10/24 14:42	
EPA 6010	Barium	248	mg/kg	1.0	05/10/24 14:42	
EPA 6010	Chromium	18.4	mg/kg	1.0	05/10/24 14:42	
EPA 6010	Lead	17.6	mg/kg	1.0	05/10/24 14:42	
EPA 8270 by SIM	Acenaphthylene	0.090	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Anthracene	0.057	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Benzo(a)anthracene	0.20	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Benzo(a)pyrene	0.28	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.51	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.19	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.16	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Chrysene	0.25	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.059	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Fluoranthene	0.27	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Fluorene	0.011	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	1-Methylnaphthalene	0.017	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	2-Methylnaphthalene	0.022	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Naphthalene	0.028	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Phenanthrene	0.069	mg/kg	0.0057	05/14/24 05:17	
EPA 8270 by SIM	Pyrene	0.32	mg/kg	0.0057	05/14/24 05:17	
SM 2540G	Percent Moisture	14.7	%	0.10	05/13/24 16:41	N2
50372019019	**NW-SL-SS09 0.0-1'**					
EPA 6010	Arsenic	8.1	mg/kg	1.2	05/10/24 14:44	
EPA 6010	Barium	94.9	mg/kg	1.2	05/10/24 14:44	
EPA 6010	Chromium	13.7	mg/kg	1.2	05/10/24 14:44	
EPA 6010	Lead	14.8	mg/kg	1.2	05/10/24 14:44	
EPA 8270 by SIM	Benzo(a)anthracene	0.0075	mg/kg	0.0057	05/14/24 05:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019019	**NW-SL-SS09 0.0-1'**					
EPA 8270 by SIM	Benzo(a)pyrene	0.011	mg/kg	0.0057	05/14/24 05:32	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.023	mg/kg	0.0057	05/14/24 05:32	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0073	mg/kg	0.0057	05/14/24 05:32	
EPA 8270 by SIM	Chrysene	0.0087	mg/kg	0.0057	05/14/24 05:32	
EPA 8270 by SIM	Fluoranthene	0.0094	mg/kg	0.0057	05/14/24 05:32	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0070	mg/kg	0.0057	05/14/24 05:32	
EPA 8270 by SIM	Pyrene	0.011	mg/kg	0.0057	05/14/24 05:32	
SM 2540G	Percent Moisture	17.9	%	0.10	05/13/24 16:41	N2
50372019020	**NW-SL-SS10 0.0-1'**					
EPA 6010	Arsenic	17.3	mg/kg	1.2	05/10/24 14:52	
EPA 6010	Barium	209	mg/kg	1.2	05/10/24 14:52	
EPA 6010	Chromium	12.6	mg/kg	1.2	05/10/24 14:52	
EPA 6010	Lead	39.8	mg/kg	1.2	05/10/24 14:52	
EPA 8270 by SIM	Acenaphthylene	0.32	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Anthracene	0.21	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Benzo(a)anthracene	0.51	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Benzo(a)pyrene	0.84	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Benzo(b)fluoranthene	1.5	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.60	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.44	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Chrysene	0.64	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.18	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Fluoranthene	0.59	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.59	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	1-Methylnaphthalene	0.070	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	2-Methylnaphthalene	0.077	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Naphthalene	0.059	mg/kg	0.029	05/14/24 07:12	ED
EPA 8270 by SIM	Phenanthrene	0.20	mg/kg	0.029	05/14/24 07:12	
EPA 8270 by SIM	Pyrene	0.71	mg/kg	0.029	05/14/24 07:12	
SM 2540G	Percent Moisture	16.5	%	0.10	05/13/24 16:42	N2
50372019021	**NW-SL-FD1**					
EPA 6010	Arsenic	9.9	mg/kg	1.1	05/10/24 14:54	
EPA 6010	Barium	69.0	mg/kg	1.1	05/10/24 14:54	
EPA 6010	Chromium	11.8	mg/kg	1.1	05/10/24 14:54	
EPA 6010	Lead	31.1	mg/kg	1.1	05/10/24 14:54	
EPA 8270 by SIM	Acenaphthylene	0.16	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Anthracene	0.13	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Benzo(a)anthracene	0.21	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Benzo(a)pyrene	0.35	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.59	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.30	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.25	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Chrysene	0.26	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.084	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Fluoranthene	0.23	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.29	mg/kg	0.028	05/14/24 07:26	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

SUMMARY OF DETECTION

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50372019021	**NW-SL-FD1**					
EPA 8270 by SIM	1-Methylnaphthalene	0.040	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	2-Methylnaphthalene	0.048	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Naphthalene	0.035	mg/kg	0.028	05/14/24 07:26	ED
EPA 8270 by SIM	Phenanthrene	0.098	mg/kg	0.028	05/14/24 07:26	
EPA 8270 by SIM	Pyrene	0.28	mg/kg	0.028	05/14/24 07:26	
SM 2540G	Percent Moisture	12.3	%	0.10	05/14/24 12:30	N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB01 0.5-2' **Lab ID: 50372019001** Collected: 04/30/24 10:00 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**8.5**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:31	7440-38-2	
Barium	**52.1**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:31	7440-39-3	
Cadmium	**0.55**	mg/kg	0.52	1	05/09/24 23:06	05/10/24 13:31	7440-43-9	
Chromium	**11.0**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:31	7440-47-3	
Lead	**40.3**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:31	7439-92-1	
Selenium	ND	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:31	7782-49-2	
Silver	ND	mg/kg	0.52	1	05/09/24 23:06	05/10/24 13:31	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.21	1	05/09/24 20:39	05/10/24 10:42	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	83-32-9	
Acenaphthylene	**0.019**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	208-96-8	
Anthracene	**0.025**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	120-12-7	
Benzo(a)anthracene	**0.064**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	56-55-3	
Benzo(a)pyrene	**0.084**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	50-32-8	
Benzo(b)fluoranthene	**0.17**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	205-99-2	
Benzo(g,h,i)perylene	**0.056**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	191-24-2	
Benzo(k)fluoranthene	**0.041**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	207-08-9	
Chrysene	**0.083**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	218-01-9	
Dibenz(a,h)anthracene	**0.019**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	53-70-3	
Fluoranthene	**0.14**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	206-44-0	
Fluorene	**0.0066**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.054**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	193-39-5	
1-Methylnaphthalene	**0.057**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	90-12-0	
2-Methylnaphthalene	**0.058**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	91-57-6	
Naphthalene	**0.031**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	91-20-3	
Phenanthrene	**0.19**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	85-01-8	
Pyrene	**0.13**	mg/kg	0.0054	1	05/09/24 10:18	05/10/24 21:08	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	16-93	1	05/09/24 10:18	05/10/24 21:08	321-60-8	
p-Terphenyl-d14 (S)	81	%.	19-115	1	05/09/24 10:18	05/10/24 21:08	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.088	1		05/07/24 20:26	67-64-1	
Acrolein	ND	mg/kg	0.088	1		05/07/24 20:26	107-02-8	
Acrylonitrile	ND	mg/kg	0.088	1		05/07/24 20:26	107-13-1	
Benzene	ND	mg/kg	0.0044	1		05/07/24 20:26	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		05/07/24 20:26	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		05/07/24 20:26	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB01 0.5-2' **Lab ID: 50372019001** Collected: 04/30/24 10:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0044	1		05/07/24 20:26	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		05/07/24 20:26	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		05/07/24 20:26	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	98-06-6	
Carbon disulfide	ND	mg/kg	0.0088	1		05/07/24 20:26	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		05/07/24 20:26	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		05/07/24 20:26	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		05/07/24 20:26	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		05/07/24 20:26	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		05/07/24 20:26	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		05/07/24 20:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		05/07/24 20:26	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		05/07/24 20:26	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.088	1		05/07/24 20:26	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		05/07/24 20:26	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		05/07/24 20:26	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		05/07/24 20:26	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		05/07/24 20:26	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		05/07/24 20:26	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		05/07/24 20:26	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		05/07/24 20:26	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		05/07/24 20:26	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		05/07/24 20:26	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		05/07/24 20:26	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.088	1		05/07/24 20:26	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		05/07/24 20:26	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		05/07/24 20:26	110-54-3	
2-Hexanone	ND	mg/kg	0.088	1		05/07/24 20:26	591-78-6	
Iodomethane	ND	mg/kg	0.088	1		05/07/24 20:26	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		05/07/24 20:26	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		05/07/24 20:26	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		05/07/24 20:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		05/07/24 20:26	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		05/07/24 20:26	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB01 0.5-2' **Lab ID: 50372019001** Collected: 04/30/24 10:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0044	1		05/07/24 20:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		05/07/24 20:26	127-18-4	
Toluene	ND	mg/kg	0.0044	1		05/07/24 20:26	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		05/07/24 20:26	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		05/07/24 20:26	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		05/07/24 20:26	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		05/07/24 20:26	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		05/07/24 20:26	108-67-8	
Vinyl acetate	ND	mg/kg	0.088	1		05/07/24 20:26	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		05/07/24 20:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.0088	1		05/07/24 20:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-135	1		05/07/24 20:26	1868-53-7	
Toluene-d8 (S)	104	%.	65-148	1		05/07/24 20:26	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	63-132	1		05/07/24 20:26	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**10.3**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB01 6-8' **Lab ID: 50372019002** Collected: 04/30/24 10:05 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**9.4**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:33	7440-38-2	
Barium	**83.5**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:33	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	05/09/24 23:06	05/10/24 13:33	7440-43-9	
Chromium	**13.8**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:33	7440-47-3	
Lead	**19.2**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:33	7439-92-1	
Selenium	ND	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:33	7782-49-2	
Silver	ND	mg/kg	0.55	1	05/09/24 23:06	05/10/24 13:33	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.23	1	05/09/24 20:39	05/10/24 10:45	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	83-32-9	
Acenaphthylene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	208-96-8	
Anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	207-08-9	
Chrysene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	53-70-3	
Fluoranthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	206-44-0	
Fluorene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	91-57-6	
Naphthalene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	91-20-3	
Phenanthrene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	85-01-8	
Pyrene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 21:23	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	60	%.	16-93	1	05/09/24 10:18	05/10/24 21:23	321-60-8	
p-Terphenyl-d14 (S)	76	%.	19-115	1	05/09/24 10:18	05/10/24 21:23	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.094	1		05/07/24 23:29	67-64-1	
Acrolein	ND	mg/kg	0.094	1		05/07/24 23:29	107-02-8	
Acrylonitrile	ND	mg/kg	0.094	1		05/07/24 23:29	107-13-1	
Benzene	ND	mg/kg	0.0047	1		05/07/24 23:29	71-43-2	
Bromobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	108-86-1	
Bromochloromethane	ND	mg/kg	0.0047	1		05/07/24 23:29	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0047	1		05/07/24 23:29	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB01 6-8' **Lab ID: 50372019002** Collected: 04/30/24 10:05 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0047	1		05/07/24 23:29	75-25-2	
Bromomethane	ND	mg/kg	0.0047	1		05/07/24 23:29	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		05/07/24 23:29	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	98-06-6	
Carbon disulfide	ND	mg/kg	0.0094	1		05/07/24 23:29	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0047	1		05/07/24 23:29	56-23-5	
Chlorobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	108-90-7	
Chloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	75-00-3	
Chloroform	ND	mg/kg	0.0047	1		05/07/24 23:29	67-66-3	
Chloromethane	ND	mg/kg	0.0047	1		05/07/24 23:29	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0047	1		05/07/24 23:29	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0047	1		05/07/24 23:29	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0047	1		05/07/24 23:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0047	1		05/07/24 23:29	106-93-4	
Dibromomethane	ND	mg/kg	0.0047	1		05/07/24 23:29	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.094	1		05/07/24 23:29	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0047	1		05/07/24 23:29	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0047	1		05/07/24 23:29	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0047	1		05/07/24 23:29	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0047	1		05/07/24 23:29	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0047	1		05/07/24 23:29	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0047	1		05/07/24 23:29	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0047	1		05/07/24 23:29	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0047	1		05/07/24 23:29	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0047	1		05/07/24 23:29	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0047	1		05/07/24 23:29	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.094	1		05/07/24 23:29	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0047	1		05/07/24 23:29	87-68-3	
n-Hexane	ND	mg/kg	0.0047	1		05/07/24 23:29	110-54-3	
2-Hexanone	ND	mg/kg	0.094	1		05/07/24 23:29	591-78-6	
Iodomethane	ND	mg/kg	0.094	1		05/07/24 23:29	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0047	1		05/07/24 23:29	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0047	1		05/07/24 23:29	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		05/07/24 23:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		05/07/24 23:29	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0047	1		05/07/24 23:29	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB01 6-8' **Lab ID: 50372019002** Collected: 04/30/24 10:05 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0047	1		05/07/24 23:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0047	1		05/07/24 23:29	127-18-4	
Toluene	ND	mg/kg	0.0047	1		05/07/24 23:29	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0047	1		05/07/24 23:29	79-00-5	
Trichloroethene	ND	mg/kg	0.0047	1		05/07/24 23:29	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0047	1		05/07/24 23:29	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0047	1		05/07/24 23:29	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0047	1		05/07/24 23:29	108-67-8	
Vinyl acetate	ND	mg/kg	0.094	1		05/07/24 23:29	108-05-4	
Vinyl chloride	ND	mg/kg	0.0047	1		05/07/24 23:29	75-01-4	
Xylene (Total)	ND	mg/kg	0.0094	1		05/07/24 23:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	75-135	1		05/07/24 23:29	1868-53-7	
Toluene-d8 (S)	111	%.	65-148	1		05/07/24 23:29	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	63-132	1		05/07/24 23:29	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**15.2**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB02 0.5-2' **Lab ID: 50372019003** Collected: 04/30/24 11:00 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**21.3**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:38	7440-38-2	
Barium	**65.0**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:38	7440-39-3	
Cadmium	**0.60**	mg/kg	0.58	1	05/09/24 23:06	05/10/24 13:38	7440-43-9	
Chromium	**44.7**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:38	7440-47-3	
Lead	**90.2**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:38	7439-92-1	
Selenium	ND	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:38	7782-49-2	
Silver	ND	mg/kg	0.58	1	05/09/24 23:06	05/10/24 13:38	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.24	1	05/09/24 20:39	05/10/24 10:47	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	**0.0096**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	83-32-9	
Acenaphthylene	**0.059**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	208-96-8	
Anthracene	**0.039**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	120-12-7	
Benzo(a)anthracene	**0.22**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	56-55-3	
Benzo(a)pyrene	**0.28**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	50-32-8	
Benzo(b)fluoranthene	**0.54**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	205-99-2	
Benzo(g,h,i)perylene	**0.18**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	191-24-2	
Benzo(k)fluoranthene	**0.54**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	207-08-9	
Chrysene	**0.32**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	218-01-9	
Dibenz(a,h)anthracene	**0.054**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	53-70-3	
Fluoranthene	**0.49**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	206-44-0	
Fluorene	**0.019**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.17**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	193-39-5	
1-Methylnaphthalene	**0.55**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	90-12-0	
2-Methylnaphthalene	**0.73**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	91-57-6	
Naphthalene	**0.20**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	91-20-3	
Phenanthrene	**0.71**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	85-01-8	
Pyrene	**0.50**	mg/kg	0.0057	1	05/09/24 10:18	05/10/24 21:37	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	16-93	1	05/09/24 10:18	05/10/24 21:37	321-60-8	
p-Terphenyl-d14 (S)	74	%.	19-115	1	05/09/24 10:18	05/10/24 21:37	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.17	1		05/08/24 00:00	67-64-1	
Acrolein	ND	mg/kg	0.17	1		05/08/24 00:00	107-02-8	
Acrylonitrile	ND	mg/kg	0.17	1		05/08/24 00:00	107-13-1	
Benzene	ND	mg/kg	0.0085	1		05/08/24 00:00	71-43-2	
Bromobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	108-86-1	
Bromochloromethane	ND	mg/kg	0.0085	1		05/08/24 00:00	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0085	1		05/08/24 00:00	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB02 0.5-2' **Lab ID: 50372019003** Collected: 04/30/24 11:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0085	1		05/08/24 00:00	75-25-2	
Bromomethane	ND	mg/kg	0.0085	1		05/08/24 00:00	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.043	1		05/08/24 00:00	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	98-06-6	
Carbon disulfide	ND	mg/kg	0.017	1		05/08/24 00:00	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0085	1		05/08/24 00:00	56-23-5	
Chlorobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	108-90-7	
Chloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	75-00-3	
Chloroform	ND	mg/kg	0.0085	1		05/08/24 00:00	67-66-3	
Chloromethane	ND	mg/kg	0.0085	1		05/08/24 00:00	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0085	1		05/08/24 00:00	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0085	1		05/08/24 00:00	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0085	1		05/08/24 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0085	1		05/08/24 00:00	106-93-4	
Dibromomethane	ND	mg/kg	0.0085	1		05/08/24 00:00	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.17	1		05/08/24 00:00	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0085	1		05/08/24 00:00	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0085	1		05/08/24 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0085	1		05/08/24 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0085	1		05/08/24 00:00	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0085	1		05/08/24 00:00	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0085	1		05/08/24 00:00	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0085	1		05/08/24 00:00	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0085	1		05/08/24 00:00	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0085	1		05/08/24 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0085	1		05/08/24 00:00	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.17	1		05/08/24 00:00	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0085	1		05/08/24 00:00	87-68-3	
n-Hexane	ND	mg/kg	0.0085	1		05/08/24 00:00	110-54-3	
2-Hexanone	ND	mg/kg	0.17	1		05/08/24 00:00	591-78-6	
Iodomethane	ND	mg/kg	0.17	1		05/08/24 00:00	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0085	1		05/08/24 00:00	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0085	1		05/08/24 00:00	99-87-6	
Methylene Chloride	ND	mg/kg	0.034	1		05/08/24 00:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.043	1		05/08/24 00:00	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0085	1		05/08/24 00:00	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB02 0.5-2' **Lab ID: 50372019003** Collected: 04/30/24 11:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0085	1		05/08/24 00:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0085	1		05/08/24 00:00	127-18-4	
Toluene	ND	mg/kg	0.0085	1		05/08/24 00:00	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0085	1		05/08/24 00:00	79-00-5	
Trichloroethene	ND	mg/kg	0.0085	1		05/08/24 00:00	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0085	1		05/08/24 00:00	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0085	1		05/08/24 00:00	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0085	1		05/08/24 00:00	108-67-8	
Vinyl acetate	ND	mg/kg	0.17	1		05/08/24 00:00	108-05-4	
Vinyl chloride	ND	mg/kg	0.0085	1		05/08/24 00:00	75-01-4	
Xylene (Total)	ND	mg/kg	0.017	1		05/08/24 00:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	140	%.	75-135	1		05/08/24 00:00	1868-53-7	S3
Toluene-d8 (S)	152	%.	65-148	1		05/08/24 00:00	2037-26-5	S3
4-Bromofluorobenzene (S)	70	%.	63-132	1		05/08/24 00:00	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**17.8**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB02 8-10' **Lab ID: 50372019004** Collected: 04/30/24 11:10 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**5.9**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:40	7440-38-2	
Barium	**56.7**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:40	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	05/09/24 23:06	05/10/24 13:40	7440-43-9	
Chromium	**14.4**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:40	7440-47-3	
Lead	**19.0**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:40	7439-92-1	
Selenium	ND	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:40	7782-49-2	
Silver	ND	mg/kg	0.51	1	05/09/24 23:06	05/10/24 13:40	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.23	1	05/09/24 20:39	05/10/24 10:50	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	208-96-8	
Anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	207-08-9	
Chrysene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	53-70-3	
Fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	206-44-0	
Fluorene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	91-57-6	
Naphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	91-20-3	
Phenanthrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	85-01-8	
Pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 21:51	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	64	%.	16-93	1	05/09/24 10:18	05/10/24 21:51	321-60-8	
p-Terphenyl-d14 (S)	86	%.	19-115	1	05/09/24 10:18	05/10/24 21:51	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.087	1		05/08/24 00:30	67-64-1	
Acrolein	ND	mg/kg	0.087	1		05/08/24 00:30	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		05/08/24 00:30	107-13-1	
Benzene	ND	mg/kg	0.0043	1		05/08/24 00:30	71-43-2	
Bromobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	108-86-1	
Bromochloromethane	ND	mg/kg	0.0043	1		05/08/24 00:30	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0043	1		05/08/24 00:30	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB02 8-10' **Lab ID: 50372019004** Collected: 04/30/24 11:10 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0043	1		05/08/24 00:30	75-25-2	
Bromomethane	ND	mg/kg	0.0043	1		05/08/24 00:30	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		05/08/24 00:30	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		05/08/24 00:30	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0043	1		05/08/24 00:30	56-23-5	
Chlorobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	108-90-7	
Chloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	75-00-3	
Chloroform	ND	mg/kg	0.0043	1		05/08/24 00:30	67-66-3	
Chloromethane	ND	mg/kg	0.0043	1		05/08/24 00:30	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0043	1		05/08/24 00:30	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0043	1		05/08/24 00:30	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0043	1		05/08/24 00:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0043	1		05/08/24 00:30	106-93-4	
Dibromomethane	ND	mg/kg	0.0043	1		05/08/24 00:30	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		05/08/24 00:30	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0043	1		05/08/24 00:30	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0043	1		05/08/24 00:30	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	1		05/08/24 00:30	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	1		05/08/24 00:30	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0043	1		05/08/24 00:30	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0043	1		05/08/24 00:30	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0043	1		05/08/24 00:30	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0043	1		05/08/24 00:30	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	1		05/08/24 00:30	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	1		05/08/24 00:30	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		05/08/24 00:30	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0043	1		05/08/24 00:30	87-68-3	
n-Hexane	ND	mg/kg	0.0043	1		05/08/24 00:30	110-54-3	
2-Hexanone	ND	mg/kg	0.087	1		05/08/24 00:30	591-78-6	
Iodomethane	ND	mg/kg	0.087	1		05/08/24 00:30	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0043	1		05/08/24 00:30	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0043	1		05/08/24 00:30	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		05/08/24 00:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		05/08/24 00:30	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0043	1		05/08/24 00:30	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB02 8-10' **Lab ID: 50372019004** Collected: 04/30/24 11:10 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0043	1		05/08/24 00:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0043	1		05/08/24 00:30	127-18-4	
Toluene	ND	mg/kg	0.0043	1		05/08/24 00:30	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0043	1		05/08/24 00:30	79-00-5	
Trichloroethene	ND	mg/kg	0.0043	1		05/08/24 00:30	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0043	1		05/08/24 00:30	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0043	1		05/08/24 00:30	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	1		05/08/24 00:30	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		05/08/24 00:30	108-05-4	
Vinyl chloride	ND	mg/kg	0.0043	1		05/08/24 00:30	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		05/08/24 00:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	75-135	1		05/08/24 00:30	1868-53-7	
Toluene-d8 (S)	100	%.	65-148	1		05/08/24 00:30	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	63-132	1		05/08/24 00:30	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**13.1**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB03 0.5-2' **Lab ID: 50372019005** Collected: 04/30/24 12:00 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
	Pace Analytical Services - Indianapolis							
Arsenic	**28.9**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:42	7440-38-2	
Barium	**134**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:42	7440-39-3	
Cadmium	**0.73**	mg/kg	0.58	1	05/09/24 23:06	05/10/24 13:42	7440-43-9	
Chromium	**10.9**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:42	7440-47-3	
Lead	**445**	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:42	7439-92-1	
Selenium	ND	mg/kg	1.2	1	05/09/24 23:06	05/10/24 13:42	7782-49-2	
Silver	ND	mg/kg	0.58	1	05/09/24 23:06	05/10/24 13:42	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
	Pace Analytical Services - Indianapolis							
Mercury	**0.33**	mg/kg	0.25	1	05/09/24 20:39	05/10/24 10:52	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
	Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	83-32-9	
Acenaphthylene	**0.34**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	208-96-8	
Anthracene	**0.25**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	120-12-7	
Benzo(a)anthracene	**1.1**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	56-55-3	
Benzo(a)pyrene	**1.9**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	50-32-8	
Benzo(b)fluoranthene	**3.1**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	205-99-2	M1
Benzo(g,h,i)perylene	**1.2**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	191-24-2	
Benzo(k)fluoranthene	**0.97**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	207-08-9	
Chrysene	**1.4**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	218-01-9	
Dibenz(a,h)anthracene	**0.37**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	53-70-3	
Fluoranthene	**1.2**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	206-44-0	
Fluorene	**0.034**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	86-73-7	
Indeno(1,2,3-cd)pyrene	**1.2**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	193-39-5	
1-Methylnaphthalene	**0.37**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	90-12-0	
2-Methylnaphthalene	**0.47**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	91-57-6	
Naphthalene	**0.35**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	91-20-3	ED
Phenanthrene	**0.69**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	85-01-8	
Pyrene	**1.5**	mg/kg	0.031	5	05/09/24 10:18	05/10/24 22:05	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	16-93	5	05/09/24 10:18	05/10/24 22:05	321-60-8	
p-Terphenyl-d14 (S)	64	%.	19-115	5	05/09/24 10:18	05/10/24 22:05	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.17	1		05/08/24 01:00	67-64-1	
Acrolein	ND	mg/kg	0.17	1		05/08/24 01:00	107-02-8	
Acrylonitrile	ND	mg/kg	0.17	1		05/08/24 01:00	107-13-1	
Benzene	ND	mg/kg	0.0085	1		05/08/24 01:00	71-43-2	
Bromobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	108-86-1	
Bromochloromethane	ND	mg/kg	0.0085	1		05/08/24 01:00	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0085	1		05/08/24 01:00	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB03 0.5-2' **Lab ID: 50372019005** Collected: 04/30/24 12:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0085	1		05/08/24 01:00	75-25-2	
Bromomethane	ND	mg/kg	0.0085	1		05/08/24 01:00	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.043	1		05/08/24 01:00	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	98-06-6	
Carbon disulfide	ND	mg/kg	0.017	1		05/08/24 01:00	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0085	1		05/08/24 01:00	56-23-5	
Chlorobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	108-90-7	
Chloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	75-00-3	
Chloroform	ND	mg/kg	0.0085	1		05/08/24 01:00	67-66-3	
Chloromethane	ND	mg/kg	0.0085	1		05/08/24 01:00	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0085	1		05/08/24 01:00	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0085	1		05/08/24 01:00	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0085	1		05/08/24 01:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0085	1		05/08/24 01:00	106-93-4	
Dibromomethane	ND	mg/kg	0.0085	1		05/08/24 01:00	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.17	1		05/08/24 01:00	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0085	1		05/08/24 01:00	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0085	1		05/08/24 01:00	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0085	1		05/08/24 01:00	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0085	1		05/08/24 01:00	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0085	1		05/08/24 01:00	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0085	1		05/08/24 01:00	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0085	1		05/08/24 01:00	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0085	1		05/08/24 01:00	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0085	1		05/08/24 01:00	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0085	1		05/08/24 01:00	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.17	1		05/08/24 01:00	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0085	1		05/08/24 01:00	87-68-3	
n-Hexane	ND	mg/kg	0.0085	1		05/08/24 01:00	110-54-3	
2-Hexanone	ND	mg/kg	0.17	1		05/08/24 01:00	591-78-6	
Iodomethane	ND	mg/kg	0.17	1		05/08/24 01:00	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0085	1		05/08/24 01:00	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0085	1		05/08/24 01:00	99-87-6	
Methylene Chloride	ND	mg/kg	0.034	1		05/08/24 01:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.043	1		05/08/24 01:00	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0085	1		05/08/24 01:00	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB03 0.5-2' **Lab ID: 50372019005** Collected: 04/30/24 12:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0085	1		05/08/24 01:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0085	1		05/08/24 01:00	127-18-4	
Toluene	ND	mg/kg	0.0085	1		05/08/24 01:00	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0085	1		05/08/24 01:00	79-00-5	
Trichloroethene	ND	mg/kg	0.0085	1		05/08/24 01:00	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0085	1		05/08/24 01:00	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0085	1		05/08/24 01:00	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0085	1		05/08/24 01:00	108-67-8	
Vinyl acetate	ND	mg/kg	0.17	1		05/08/24 01:00	108-05-4	
Vinyl chloride	ND	mg/kg	0.0085	1		05/08/24 01:00	75-01-4	
Xylene (Total)	ND	mg/kg	0.017	1		05/08/24 01:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	119	%.	75-135	1		05/08/24 01:00	1868-53-7	
Toluene-d8 (S)	150	%.	65-148	1		05/08/24 01:00	2037-26-5	S3
4-Bromofluorobenzene (S)	71	%.	63-132	1		05/08/24 01:00	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**20.6**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB03 3-4' **Lab ID: 50372019006** Collected: 04/30/24 12:10 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**8.2**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:43	7440-38-2	
Barium	**64.6**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:43	7440-39-3	
Cadmium	**0.88**	mg/kg	0.51	1	05/09/24 23:06	05/10/24 13:43	7440-43-9	
Chromium	**10.5**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:43	7440-47-3	
Lead	**34.4**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:43	7439-92-1	
Selenium	ND	mg/kg	1.0	1	05/09/24 23:06	05/10/24 13:43	7782-49-2	
Silver	ND	mg/kg	0.51	1	05/09/24 23:06	05/10/24 13:43	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.23	1	05/09/24 20:39	05/10/24 10:55	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	83-32-9	
Acenaphthylene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	208-96-8	
Anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	120-12-7	
Benzo(a)anthracene	**0.015**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	56-55-3	
Benzo(a)pyrene	**0.014**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	50-32-8	
Benzo(b)fluoranthene	**0.021**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	205-99-2	
Benzo(g,h,i)perylene	**0.013**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	191-24-2	
Benzo(k)fluoranthene	**0.0069**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	207-08-9	
Chrysene	**0.028**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	53-70-3	
Fluoranthene	**0.020**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	206-44-0	
Fluorene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0099**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	193-39-5	
1-Methylnaphthalene	**0.075**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	90-12-0	
2-Methylnaphthalene	**0.081**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	91-57-6	
Naphthalene	**0.018**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	91-20-3	
Phenanthrene	**0.098**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	85-01-8	
Pyrene	**0.025**	mg/kg	0.0056	1	05/09/24 10:18	05/10/24 22:48	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	16-93	1	05/09/24 10:18	05/10/24 22:48	321-60-8	
p-Terphenyl-d14 (S)	70	%.	19-115	1	05/09/24 10:18	05/10/24 22:48	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.11	1		05/07/24 16:53	67-64-1	
Acrolein	ND	mg/kg	0.11	1		05/07/24 16:53	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		05/07/24 16:53	107-13-1	
Benzene	ND	mg/kg	0.0054	1		05/07/24 16:53	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		05/07/24 16:53	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		05/07/24 16:53	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB03 3-4' **Lab ID: 50372019006** Collected: 04/30/24 12:10 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0054	1		05/07/24 16:53	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		05/07/24 16:53	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		05/07/24 16:53	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		05/07/24 16:53	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		05/07/24 16:53	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	108-90-7	
Chloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		05/07/24 16:53	67-66-3	
Chloromethane	ND	mg/kg	0.0054	1		05/07/24 16:53	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		05/07/24 16:53	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	1		05/07/24 16:53	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		05/07/24 16:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		05/07/24 16:53	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	1		05/07/24 16:53	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		05/07/24 16:53	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		05/07/24 16:53	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	1		05/07/24 16:53	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		05/07/24 16:53	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		05/07/24 16:53	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		05/07/24 16:53	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	1		05/07/24 16:53	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		05/07/24 16:53	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		05/07/24 16:53	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		05/07/24 16:53	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		05/07/24 16:53	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		05/07/24 16:53	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		05/07/24 16:53	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		05/07/24 16:53	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		05/07/24 16:53	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		05/07/24 16:53	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		05/07/24 16:53	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	1		05/07/24 16:53	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		05/07/24 16:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		05/07/24 16:53	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		05/07/24 16:53	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB03 3-4' **Lab ID: 50372019006** Collected: 04/30/24 12:10 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0054	1		05/07/24 16:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	1		05/07/24 16:53	127-18-4	
Toluene	ND	mg/kg	0.0054	1		05/07/24 16:53	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		05/07/24 16:53	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		05/07/24 16:53	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	1		05/07/24 16:53	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		05/07/24 16:53	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		05/07/24 16:53	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		05/07/24 16:53	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	1		05/07/24 16:53	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		05/07/24 16:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-135	1		05/07/24 16:53	1868-53-7	
Toluene-d8 (S)	118	%.	65-148	1		05/07/24 16:53	2037-26-5	
4-Bromofluorobenzene (S)	80	%.	63-132	1		05/07/24 16:53	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**15.2**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB04 0.5-2' **Lab ID: 50372019007** Collected: 04/30/24 14:00 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**15.6**	mg/kg	0.99	1	05/09/24 23:06	05/10/24 13:45	7440-38-2	
Barium	**52.8**	mg/kg	0.99	1	05/09/24 23:06	05/10/24 13:45	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	05/09/24 23:06	05/10/24 13:45	7440-43-9	
Chromium	**9.2**	mg/kg	0.99	1	05/09/24 23:06	05/10/24 13:45	7440-47-3	
Lead	**53.5**	mg/kg	0.99	1	05/09/24 23:06	05/10/24 13:45	7439-92-1	
Selenium	ND	mg/kg	0.99	1	05/09/24 23:06	05/10/24 13:45	7782-49-2	
Silver	ND	mg/kg	0.49	1	05/09/24 23:06	05/10/24 13:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.23	1	05/09/24 20:39	05/10/24 10:57	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	83-32-9	
Acenaphthylene	**0.13**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	208-96-8	
Anthracene	**0.083**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	120-12-7	
Benzo(a)anthracene	**0.37**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	56-55-3	
Benzo(a)pyrene	**0.49**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	50-32-8	
Benzo(b)fluoranthene	**0.76**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	205-99-2	
Benzo(g,h,i)perylene	**0.33**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	191-24-2	
Benzo(k)fluoranthene	**0.22**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	207-08-9	
Chrysene	**0.43**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	218-01-9	
Dibenz(a,h)anthracene	**0.092**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	53-70-3	
Fluoranthene	**0.45**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	206-44-0	
Fluorene	ND	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.30**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	193-39-5	
1-Methylnaphthalene	**0.37**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	90-12-0	
2-Methylnaphthalene	**0.42**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	91-57-6	
Naphthalene	**0.17**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	91-20-3	ED
Phenanthrene	**0.57**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	85-01-8	
Pyrene	**0.55**	mg/kg	0.055	10	05/09/24 10:18	05/10/24 23:31	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	16-93	10	05/09/24 10:18	05/10/24 23:31	321-60-8	
p-Terphenyl-d14 (S)	68	%.	19-115	10	05/09/24 10:18	05/10/24 23:31	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.16	1		05/07/24 17:24	67-64-1	
Acrolein	ND	mg/kg	0.16	1		05/07/24 17:24	107-02-8	
Acrylonitrile	ND	mg/kg	0.16	1		05/07/24 17:24	107-13-1	
Benzene	ND	mg/kg	0.0078	1		05/07/24 17:24	71-43-2	
Bromobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	108-86-1	
Bromochloromethane	ND	mg/kg	0.0078	1		05/07/24 17:24	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0078	1		05/07/24 17:24	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB04 0.5-2' **Lab ID: 50372019007** Collected: 04/30/24 14:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0078	1		05/07/24 17:24	75-25-2	
Bromomethane	ND	mg/kg	0.0078	1		05/07/24 17:24	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.039	1		05/07/24 17:24	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	98-06-6	
Carbon disulfide	ND	mg/kg	0.016	1		05/07/24 17:24	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0078	1		05/07/24 17:24	56-23-5	
Chlorobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	108-90-7	
Chloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	75-00-3	
Chloroform	ND	mg/kg	0.0078	1		05/07/24 17:24	67-66-3	
Chloromethane	ND	mg/kg	0.0078	1		05/07/24 17:24	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0078	1		05/07/24 17:24	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0078	1		05/07/24 17:24	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0078	1		05/07/24 17:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0078	1		05/07/24 17:24	106-93-4	
Dibromomethane	ND	mg/kg	0.0078	1		05/07/24 17:24	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.16	1		05/07/24 17:24	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0078	1		05/07/24 17:24	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0078	1		05/07/24 17:24	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0078	1		05/07/24 17:24	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0078	1		05/07/24 17:24	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0078	1		05/07/24 17:24	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0078	1		05/07/24 17:24	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0078	1		05/07/24 17:24	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0078	1		05/07/24 17:24	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0078	1		05/07/24 17:24	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0078	1		05/07/24 17:24	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.16	1		05/07/24 17:24	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0078	1		05/07/24 17:24	87-68-3	
n-Hexane	ND	mg/kg	0.0078	1		05/07/24 17:24	110-54-3	
2-Hexanone	ND	mg/kg	0.16	1		05/07/24 17:24	591-78-6	
Iodomethane	ND	mg/kg	0.16	1		05/07/24 17:24	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0078	1		05/07/24 17:24	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0078	1		05/07/24 17:24	99-87-6	
Methylene Chloride	ND	mg/kg	0.031	1		05/07/24 17:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.039	1		05/07/24 17:24	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0078	1		05/07/24 17:24	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB04 0.5-2' **Lab ID: 50372019007** Collected: 04/30/24 14:00 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0078	1		05/07/24 17:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0078	1		05/07/24 17:24	127-18-4	
Toluene	ND	mg/kg	0.0078	1		05/07/24 17:24	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0078	1		05/07/24 17:24	79-00-5	
Trichloroethene	ND	mg/kg	0.0078	1		05/07/24 17:24	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0078	1		05/07/24 17:24	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0078	1		05/07/24 17:24	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0078	1		05/07/24 17:24	108-67-8	
Vinyl acetate	ND	mg/kg	0.16	1		05/07/24 17:24	108-05-4	
Vinyl chloride	ND	mg/kg	0.0078	1		05/07/24 17:24	75-01-4	
Xylene (Total)	ND	mg/kg	0.016	1		05/07/24 17:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	75-135	1		05/07/24 17:24	1868-53-7	
Toluene-d8 (S)	141	%.	65-148	1		05/07/24 17:24	2037-26-5	
4-Bromofluorobenzene (S)	71	%.	63-132	1		05/07/24 17:24	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**13.2**	%	0.10	1		05/13/24 16:40		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB04 5-6.5' **Lab ID: 50372019008** Collected: 04/30/24 14:10 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**8.9**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:47	7440-38-2	
Barium	**39.8**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:47	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	05/09/24 23:06	05/10/24 13:47	7440-43-9	
Chromium	**11.0**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:47	7440-47-3	
Lead	**20.3**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:47	7439-92-1	
Selenium	ND	mg/kg	1.1	1	05/09/24 23:06	05/10/24 13:47	7782-49-2	
Silver	ND	mg/kg	0.54	1	05/09/24 23:06	05/10/24 13:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.22	1	05/09/24 20:39	05/10/24 11:00	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	208-96-8	
Anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	120-12-7	
Benzo(a)anthracene	**0.0093**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	56-55-3	
Benzo(a)pyrene	**0.0085**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	50-32-8	
Benzo(b)fluoranthene	**0.013**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	205-99-2	
Benzo(g,h,i)perylene	**0.0055**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	207-08-9	
Chrysene	**0.012**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	53-70-3	
Fluoranthene	**0.014**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	206-44-0	
Fluorene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	193-39-5	
1-Methylnaphthalene	**0.049**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	90-12-0	
2-Methylnaphthalene	**0.049**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	91-57-6	
Naphthalene	**0.016**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	91-20-3	
Phenanthrene	**0.066**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	85-01-8	
Pyrene	**0.019**	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:45	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	16-93	1	05/09/24 10:18	05/10/24 23:45	321-60-8	
p-Terphenyl-d14 (S)	74	%.	19-115	1	05/09/24 10:18	05/10/24 23:45	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.14	1		05/07/24 17:54	67-64-1	
Acrolein	ND	mg/kg	0.14	1		05/07/24 17:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.14	1		05/07/24 17:54	107-13-1	
Benzene	ND	mg/kg	0.0069	1		05/07/24 17:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0069	1		05/07/24 17:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0069	1		05/07/24 17:54	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB04 5-6.5' **Lab ID: 50372019008** Collected: 04/30/24 14:10 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0069	1		05/07/24 17:54	75-25-2	
Bromomethane	ND	mg/kg	0.0069	1		05/07/24 17:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.035	1		05/07/24 17:54	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.014	1		05/07/24 17:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0069	1		05/07/24 17:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	108-90-7	
Chloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	75-00-3	
Chloroform	ND	mg/kg	0.0069	1		05/07/24 17:54	67-66-3	
Chloromethane	ND	mg/kg	0.0069	1		05/07/24 17:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0069	1		05/07/24 17:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0069	1		05/07/24 17:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0069	1		05/07/24 17:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0069	1		05/07/24 17:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0069	1		05/07/24 17:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.14	1		05/07/24 17:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0069	1		05/07/24 17:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0069	1		05/07/24 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0069	1		05/07/24 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0069	1		05/07/24 17:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0069	1		05/07/24 17:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0069	1		05/07/24 17:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0069	1		05/07/24 17:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0069	1		05/07/24 17:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0069	1		05/07/24 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0069	1		05/07/24 17:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.14	1		05/07/24 17:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0069	1		05/07/24 17:54	87-68-3	
n-Hexane	ND	mg/kg	0.0069	1		05/07/24 17:54	110-54-3	
2-Hexanone	ND	mg/kg	0.14	1		05/07/24 17:54	591-78-6	
Iodomethane	ND	mg/kg	0.14	1		05/07/24 17:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0069	1		05/07/24 17:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0069	1		05/07/24 17:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.028	1		05/07/24 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.035	1		05/07/24 17:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0069	1		05/07/24 17:54	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB04 5-6.5' **Lab ID: 50372019008** Collected: 04/30/24 14:10 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0069	1		05/07/24 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0069	1		05/07/24 17:54	127-18-4	
Toluene	ND	mg/kg	0.0069	1		05/07/24 17:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0069	1		05/07/24 17:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0069	1		05/07/24 17:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0069	1		05/07/24 17:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0069	1		05/07/24 17:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0069	1		05/07/24 17:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.14	1		05/07/24 17:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0069	1		05/07/24 17:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.014	1		05/07/24 17:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	75-135	1		05/07/24 17:54	1868-53-7	
Toluene-d8 (S)	125	%.	65-148	1		05/07/24 17:54	2037-26-5	
4-Bromofluorobenzene (S)	79	%.	63-132	1		05/07/24 17:54	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**11.4**	%	0.10	1		05/13/24 16:41		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB05 0.5-2' **Lab ID: 50372019009** Collected: 04/30/24 14:50 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**12.7**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:23	7440-38-2	
Barium	**55.4**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:23	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	05/09/24 23:06	05/10/24 14:23	7440-43-9	
Chromium	**17.6**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:23	7440-47-3	
Lead	**27.5**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:23	7439-92-1	
Selenium	ND	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:23	7782-49-2	
Silver	ND	mg/kg	0.54	1	05/09/24 23:06	05/10/24 14:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.22	1	05/09/24 20:39	05/10/24 11:09	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	208-96-8	
Anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	207-08-9	
Chrysene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	53-70-3	
Fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	206-44-0	
Fluorene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	91-57-6	
Naphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	91-20-3	
Phenanthrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	85-01-8	
Pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/10/24 23:59	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	16-93	1	05/09/24 10:18	05/10/24 23:59	321-60-8	
p-Terphenyl-d14 (S)	81	%.	19-115	1	05/09/24 10:18	05/10/24 23:59	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.13	1		05/07/24 18:25	67-64-1	
Acrolein	ND	mg/kg	0.13	1		05/07/24 18:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		05/07/24 18:25	107-13-1	
Benzene	ND	mg/kg	0.0067	1		05/07/24 18:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0067	1		05/07/24 18:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0067	1		05/07/24 18:25	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB05 0.5-2' **Lab ID: 50372019009** Collected: 04/30/24 14:50 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0067	1		05/07/24 18:25	75-25-2	
Bromomethane	ND	mg/kg	0.0067	1		05/07/24 18:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.033	1		05/07/24 18:25	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		05/07/24 18:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0067	1		05/07/24 18:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	108-90-7	
Chloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	75-00-3	
Chloroform	ND	mg/kg	0.0067	1		05/07/24 18:25	67-66-3	
Chloromethane	ND	mg/kg	0.0067	1		05/07/24 18:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0067	1		05/07/24 18:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0067	1		05/07/24 18:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0067	1		05/07/24 18:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0067	1		05/07/24 18:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0067	1		05/07/24 18:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		05/07/24 18:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0067	1		05/07/24 18:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0067	1		05/07/24 18:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0067	1		05/07/24 18:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0067	1		05/07/24 18:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0067	1		05/07/24 18:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0067	1		05/07/24 18:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0067	1		05/07/24 18:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0067	1		05/07/24 18:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0067	1		05/07/24 18:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0067	1		05/07/24 18:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		05/07/24 18:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0067	1		05/07/24 18:25	87-68-3	
n-Hexane	ND	mg/kg	0.0067	1		05/07/24 18:25	110-54-3	
2-Hexanone	ND	mg/kg	0.13	1		05/07/24 18:25	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		05/07/24 18:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0067	1		05/07/24 18:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0067	1		05/07/24 18:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.027	1		05/07/24 18:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.033	1		05/07/24 18:25	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0067	1		05/07/24 18:25	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB05 0.5-2' **Lab ID: 50372019009** Collected: 04/30/24 14:50 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0067	1		05/07/24 18:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0067	1		05/07/24 18:25	127-18-4	
Toluene	ND	mg/kg	0.0067	1		05/07/24 18:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0067	1		05/07/24 18:25	79-00-5	
Trichloroethene	ND	mg/kg	0.0067	1		05/07/24 18:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0067	1		05/07/24 18:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0067	1		05/07/24 18:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0067	1		05/07/24 18:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		05/07/24 18:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0067	1		05/07/24 18:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		05/07/24 18:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	75-135	1		05/07/24 18:25	1868-53-7	
Toluene-d8 (S)	106	%.	65-148	1		05/07/24 18:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	63-132	1		05/07/24 18:25	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**13.0**	%	0.10	1		05/13/24 16:41		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB05 6-7.5' **Lab ID: 50372019010** Collected: 04/30/24 14:55 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**6.4**	mg/kg	0.96	1	05/09/24 23:06	05/10/24 14:24	7440-38-2	
Barium	**32.4**	mg/kg	0.96	1	05/09/24 23:06	05/10/24 14:24	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	05/09/24 23:06	05/10/24 14:24	7440-43-9	
Chromium	**14.0**	mg/kg	0.96	1	05/09/24 23:06	05/10/24 14:24	7440-47-3	
Lead	**8.8**	mg/kg	0.96	1	05/09/24 23:06	05/10/24 14:24	7439-92-1	
Selenium	ND	mg/kg	0.96	1	05/09/24 23:06	05/10/24 14:24	7782-49-2	
Silver	ND	mg/kg	0.48	1	05/09/24 23:06	05/10/24 14:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.22	1	05/09/24 20:39	05/10/24 11:12	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	208-96-8	
Anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	207-08-9	
Chrysene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	53-70-3	
Fluoranthene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	206-44-0	
Fluorene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	91-57-6	
Naphthalene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	91-20-3	
Phenanthrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	85-01-8	
Pyrene	ND	mg/kg	0.0055	1	05/09/24 10:18	05/11/24 00:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	60	%.	16-93	1	05/09/24 10:18	05/11/24 00:14	321-60-8	
p-Terphenyl-d14 (S)	76	%.	19-115	1	05/09/24 10:18	05/11/24 00:14	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.083	1		05/07/24 18:55	67-64-1	
Acrolein	ND	mg/kg	0.083	1		05/07/24 18:55	107-02-8	
Acrylonitrile	ND	mg/kg	0.083	1		05/07/24 18:55	107-13-1	
Benzene	ND	mg/kg	0.0042	1		05/07/24 18:55	71-43-2	
Bromobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	108-86-1	
Bromochloromethane	ND	mg/kg	0.0042	1		05/07/24 18:55	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0042	1		05/07/24 18:55	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB05 6-7.5' **Lab ID: 50372019010** Collected: 04/30/24 14:55 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0042	1		05/07/24 18:55	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1		05/07/24 18:55	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		05/07/24 18:55	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	98-06-6	
Carbon disulfide	ND	mg/kg	0.0083	1		05/07/24 18:55	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1		05/07/24 18:55	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	75-00-3	
Chloroform	ND	mg/kg	0.0042	1		05/07/24 18:55	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1		05/07/24 18:55	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0042	1		05/07/24 18:55	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0042	1		05/07/24 18:55	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0042	1		05/07/24 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		05/07/24 18:55	106-93-4	
Dibromomethane	ND	mg/kg	0.0042	1		05/07/24 18:55	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.083	1		05/07/24 18:55	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0042	1		05/07/24 18:55	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1		05/07/24 18:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		05/07/24 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1		05/07/24 18:55	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1		05/07/24 18:55	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0042	1		05/07/24 18:55	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0042	1		05/07/24 18:55	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0042	1		05/07/24 18:55	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1		05/07/24 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1		05/07/24 18:55	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.083	1		05/07/24 18:55	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0042	1		05/07/24 18:55	87-68-3	
n-Hexane	ND	mg/kg	0.0042	1		05/07/24 18:55	110-54-3	
2-Hexanone	ND	mg/kg	0.083	1		05/07/24 18:55	591-78-6	
Iodomethane	ND	mg/kg	0.083	1		05/07/24 18:55	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0042	1		05/07/24 18:55	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0042	1		05/07/24 18:55	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		05/07/24 18:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		05/07/24 18:55	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		05/07/24 18:55	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SB05 6-7.5' **Lab ID: 50372019010** Collected: 04/30/24 14:55 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0042	1		05/07/24 18:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1		05/07/24 18:55	127-18-4	
Toluene	ND	mg/kg	0.0042	1		05/07/24 18:55	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1		05/07/24 18:55	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1		05/07/24 18:55	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1		05/07/24 18:55	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0042	1		05/07/24 18:55	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0042	1		05/07/24 18:55	108-67-8	
Vinyl acetate	ND	mg/kg	0.083	1		05/07/24 18:55	108-05-4	
Vinyl chloride	ND	mg/kg	0.0042	1		05/07/24 18:55	75-01-4	
Xylene (Total)	ND	mg/kg	0.0083	1		05/07/24 18:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-135	1		05/07/24 18:55	1868-53-7	
Toluene-d8 (S)	101	%.	65-148	1		05/07/24 18:55	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	63-132	1		05/07/24 18:55	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**10.7**	%	0.10	1		05/13/24 16:41		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS01 0.0-1' **Lab ID: 50372019011** Collected: 05/01/24 15:30 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**7.6**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:26	7440-38-2	
Barium	**77.4**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:26	7440-39-3	
Cadmium	ND	mg/kg	0.50	1	05/09/24 23:06	05/10/24 14:26	7440-43-9	
Chromium	**12.7**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:26	7440-47-3	
Lead	**19.3**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:26	7439-92-1	
Selenium	ND	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:26	7782-49-2	
Silver	ND	mg/kg	0.50	1	05/09/24 23:06	05/10/24 14:26	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.24	1	05/13/24 10:34	05/13/24 16:48	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	83-32-9	
Acenaphthylene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	208-96-8	
Anthracene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	120-12-7	
Benzo(a)anthracene	**0.030**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	56-55-3	
Benzo(a)pyrene	**0.047**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	50-32-8	
Benzo(b)fluoranthene	**0.081**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	205-99-2	
Benzo(g,h,i)perylene	**0.040**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	207-08-9	
Chrysene	**0.037**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	53-70-3	
Fluoranthene	**0.038**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	206-44-0	
Fluorene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.035**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	91-57-6	
Naphthalene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	91-20-3	ED
Phenanthrene	ND	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	85-01-8	
Pyrene	**0.044**	mg/kg	0.029	5	05/09/24 10:18	05/11/24 00:28	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	16-93	5	05/09/24 10:18	05/11/24 00:28	321-60-8	
p-Terphenyl-d14 (S)	66	%.	19-115	5	05/09/24 10:18	05/11/24 00:28	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.097	1		05/07/24 19:26	67-64-1	
Acrolein	ND	mg/kg	0.097	1		05/07/24 19:26	107-02-8	
Acrylonitrile	ND	mg/kg	0.097	1		05/07/24 19:26	107-13-1	
Benzene	ND	mg/kg	0.0048	1		05/07/24 19:26	71-43-2	
Bromobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	108-86-1	
Bromochloromethane	ND	mg/kg	0.0048	1		05/07/24 19:26	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0048	1		05/07/24 19:26	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS01 0.0-1' **Lab ID: 50372019011** Collected: 05/01/24 15:30 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0048	1		05/07/24 19:26	75-25-2	
Bromomethane	ND	mg/kg	0.0048	1		05/07/24 19:26	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		05/07/24 19:26	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	98-06-6	
Carbon disulfide	ND	mg/kg	0.0097	1		05/07/24 19:26	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0048	1		05/07/24 19:26	56-23-5	
Chlorobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	108-90-7	
Chloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	75-00-3	
Chloroform	ND	mg/kg	0.0048	1		05/07/24 19:26	67-66-3	
Chloromethane	ND	mg/kg	0.0048	1		05/07/24 19:26	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0048	1		05/07/24 19:26	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0048	1		05/07/24 19:26	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0048	1		05/07/24 19:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0048	1		05/07/24 19:26	106-93-4	
Dibromomethane	ND	mg/kg	0.0048	1		05/07/24 19:26	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.097	1		05/07/24 19:26	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0048	1		05/07/24 19:26	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0048	1		05/07/24 19:26	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0048	1		05/07/24 19:26	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0048	1		05/07/24 19:26	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0048	1		05/07/24 19:26	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0048	1		05/07/24 19:26	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0048	1		05/07/24 19:26	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0048	1		05/07/24 19:26	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0048	1		05/07/24 19:26	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0048	1		05/07/24 19:26	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.097	1		05/07/24 19:26	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0048	1		05/07/24 19:26	87-68-3	
n-Hexane	ND	mg/kg	0.0048	1		05/07/24 19:26	110-54-3	
2-Hexanone	ND	mg/kg	0.097	1		05/07/24 19:26	591-78-6	
Iodomethane	ND	mg/kg	0.097	1		05/07/24 19:26	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0048	1		05/07/24 19:26	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0048	1		05/07/24 19:26	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		05/07/24 19:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		05/07/24 19:26	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0048	1		05/07/24 19:26	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS01 0.0-1' **Lab ID: 50372019011** Collected: 05/01/24 15:30 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0048	1		05/07/24 19:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0048	1		05/07/24 19:26	127-18-4	
Toluene	ND	mg/kg	0.0048	1		05/07/24 19:26	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0048	1		05/07/24 19:26	79-00-5	
Trichloroethene	ND	mg/kg	0.0048	1		05/07/24 19:26	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0048	1		05/07/24 19:26	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0048	1		05/07/24 19:26	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0048	1		05/07/24 19:26	108-67-8	
Vinyl acetate	ND	mg/kg	0.097	1		05/07/24 19:26	108-05-4	
Vinyl chloride	ND	mg/kg	0.0048	1		05/07/24 19:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.0097	1		05/07/24 19:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	75-135	1		05/07/24 19:26	1868-53-7	
Toluene-d8 (S)	106	%.	65-148	1		05/07/24 19:26	2037-26-5	
4-Bromofluorobenzene (S)	89	%.	63-132	1		05/07/24 19:26	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**16.0**	%	0.10	1		05/13/24 16:41		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS02 0.0-1' **Lab ID: 50372019012** Collected: 05/01/24 15:20 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**6.7**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:28	7440-38-2	
Barium	**64.5**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:28	7440-39-3	
Cadmium	ND	mg/kg	0.50	1	05/09/24 23:06	05/10/24 14:28	7440-43-9	
Chromium	**11.3**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:28	7440-47-3	
Lead	**12.4**	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:28	7439-92-1	
Selenium	ND	mg/kg	1.0	1	05/09/24 23:06	05/10/24 14:28	7782-49-2	
Silver	ND	mg/kg	0.50	1	05/09/24 23:06	05/10/24 14:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.25	1	05/13/24 10:34	05/13/24 16:50	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	83-32-9	
Acenaphthylene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	208-96-8	
Anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	56-55-3	
Benzo(a)pyrene	**0.0063**	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	50-32-8	
Benzo(b)fluoranthene	**0.011**	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	207-08-9	
Chrysene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	53-70-3	
Fluoranthene	**0.0060**	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	206-44-0	
Fluorene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	91-57-6	
Naphthalene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	91-20-3	
Phenanthrene	ND	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	85-01-8	
Pyrene	**0.0069**	mg/kg	0.0056	1	05/09/24 10:18	05/11/24 00:42	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	16-93	1	05/09/24 10:18	05/11/24 00:42	321-60-8	
p-Terphenyl-d14 (S)	73	%.	19-115	1	05/09/24 10:18	05/11/24 00:42	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.088	1		05/07/24 19:56	67-64-1	
Acrolein	ND	mg/kg	0.088	1		05/07/24 19:56	107-02-8	
Acrylonitrile	ND	mg/kg	0.088	1		05/07/24 19:56	107-13-1	
Benzene	ND	mg/kg	0.0044	1		05/07/24 19:56	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		05/07/24 19:56	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		05/07/24 19:56	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS02 0.0-1' **Lab ID: 50372019012** Collected: 05/01/24 15:20 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0044	1		05/07/24 19:56	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		05/07/24 19:56	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		05/07/24 19:56	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	98-06-6	
Carbon disulfide	ND	mg/kg	0.0088	1		05/07/24 19:56	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		05/07/24 19:56	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		05/07/24 19:56	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		05/07/24 19:56	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		05/07/24 19:56	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		05/07/24 19:56	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		05/07/24 19:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		05/07/24 19:56	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		05/07/24 19:56	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.088	1		05/07/24 19:56	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		05/07/24 19:56	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		05/07/24 19:56	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		05/07/24 19:56	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		05/07/24 19:56	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		05/07/24 19:56	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		05/07/24 19:56	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		05/07/24 19:56	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		05/07/24 19:56	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		05/07/24 19:56	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		05/07/24 19:56	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.088	1		05/07/24 19:56	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		05/07/24 19:56	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		05/07/24 19:56	110-54-3	
2-Hexanone	ND	mg/kg	0.088	1		05/07/24 19:56	591-78-6	
Iodomethane	ND	mg/kg	0.088	1		05/07/24 19:56	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		05/07/24 19:56	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		05/07/24 19:56	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		05/07/24 19:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		05/07/24 19:56	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		05/07/24 19:56	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS02 0.0-1' **Lab ID: 50372019012** Collected: 05/01/24 15:20 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0044	1		05/07/24 19:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		05/07/24 19:56	127-18-4	
Toluene	ND	mg/kg	0.0044	1		05/07/24 19:56	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		05/07/24 19:56	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		05/07/24 19:56	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		05/07/24 19:56	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		05/07/24 19:56	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		05/07/24 19:56	108-67-8	
Vinyl acetate	ND	mg/kg	0.088	1		05/07/24 19:56	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		05/07/24 19:56	75-01-4	
Xylene (Total)	ND	mg/kg	0.0088	1		05/07/24 19:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-135	1		05/07/24 19:56	1868-53-7	
Toluene-d8 (S)	103	%.	65-148	1		05/07/24 19:56	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	63-132	1		05/07/24 19:56	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**15.3**	%	0.10	1		05/13/24 16:41		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS03 0.0-1' **Lab ID: 50372019013** Collected: 05/01/24 15:05 Received: 05/01/24 17:50 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
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis							
Arsenic	**9.4**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:30	7440-38-2	
Barium	**126**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:30	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	05/09/24 23:06	05/10/24 14:30	7440-43-9	
Chromium	**12.9**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:30	7440-47-3	
Lead	**34.1**	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:30	7439-92-1	
Selenium	ND	mg/kg	1.1	1	05/09/24 23:06	05/10/24 14:30	7782-49-2	
Silver	ND	mg/kg	0.57	1	05/09/24 23:06	05/10/24 14:30	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Indianapolis							
Mercury	ND	mg/kg	0.25	1	05/13/24 10:34	05/13/24 16:53	7439-97-6	
8270 PAH Soil by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis							
Acenaphthene	ND	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	83-32-9	
Acenaphthylene	**0.073**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	208-96-8	
Anthracene	**0.069**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	120-12-7	
Benzo(a)anthracene	**0.13**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	56-55-3	
Benzo(a)pyrene	**0.21**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	50-32-8	
Benzo(b)fluoranthene	**0.38**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	205-99-2	
Benzo(g,h,i)perylene	**0.16**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	191-24-2	
Benzo(k)fluoranthene	**0.14**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	207-08-9	
Chrysene	**0.17**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	218-01-9	
Dibenz(a,h)anthracene	**0.046**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	53-70-3	
Fluoranthene	**0.14**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	206-44-0	
Fluorene	ND	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.15**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	193-39-5	
1-Methylnaphthalene	**0.039**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	90-12-0	
2-Methylnaphthalene	**0.048**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	91-57-6	
Naphthalene	**0.035**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	91-20-3	ED
Phenanthrene	**0.072**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	85-01-8	
Pyrene	**0.18**	mg/kg	0.028	5	05/09/24 10:18	05/11/24 00:57	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	16-93	5	05/09/24 10:18	05/11/24 00:57	321-60-8	
p-Terphenyl-d14 (S)	68	%.	19-115	5	05/09/24 10:18	05/11/24 00:57	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.12	1		05/08/24 01:31	67-64-1	
Acrolein	ND	mg/kg	0.12	1		05/08/24 01:31	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		05/08/24 01:31	107-13-1	
Benzene	ND	mg/kg	0.0059	1		05/08/24 01:31	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	1		05/08/24 01:31	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	1		05/08/24 01:31	75-27-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS03 0.0-1' **Lab ID: 50372019013** Collected: 05/01/24 15:05 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Bromoform	ND	mg/kg	0.0059	1		05/08/24 01:31	75-25-2	
Bromomethane	ND	mg/kg	0.0059	1		05/08/24 01:31	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		05/08/24 01:31	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		05/08/24 01:31	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	1		05/08/24 01:31	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	108-90-7	
Chloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	75-00-3	
Chloroform	ND	mg/kg	0.0059	1		05/08/24 01:31	67-66-3	
Chloromethane	ND	mg/kg	0.0059	1		05/08/24 01:31	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	1		05/08/24 01:31	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	1		05/08/24 01:31	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	1		05/08/24 01:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	1		05/08/24 01:31	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	1		05/08/24 01:31	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		05/08/24 01:31	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	1		05/08/24 01:31	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	1		05/08/24 01:31	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	1		05/08/24 01:31	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	1		05/08/24 01:31	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	1		05/08/24 01:31	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	1		05/08/24 01:31	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	1		05/08/24 01:31	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	1		05/08/24 01:31	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	1		05/08/24 01:31	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	1		05/08/24 01:31	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		05/08/24 01:31	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	1		05/08/24 01:31	87-68-3	
n-Hexane	ND	mg/kg	0.0059	1		05/08/24 01:31	110-54-3	
2-Hexanone	ND	mg/kg	0.12	1		05/08/24 01:31	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		05/08/24 01:31	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	1		05/08/24 01:31	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	1		05/08/24 01:31	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		05/08/24 01:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		05/08/24 01:31	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	1		05/08/24 01:31	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

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

ANALYTICAL RESULTS

Project: Norfolk & Western Railroad Pro
Pace Project No.: 50372019

Sample: NW-SL-SS03 0.0-1' **Lab ID: 50372019013** Collected: 05/01/24 15:05 Received: 05/01/24 17:50 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
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Styrene	ND	mg/kg	0.0059	1		05/08/24 01:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	1		05/08/24 01:31	127-18-4	
Toluene	ND	mg/kg	0.0059	1		05/08/24 01:31	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	1		05/08/24 01:31	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	1		05/08/24 01:31	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	1		05/08/24 01:31	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	1		05/08/24 01:31	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	1		05/08/24 01:31	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		05/08/24 01:31	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	1		05/08/24 01:31	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		05/08/24 01:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	75-135	1		05/08/24 01:31	1868-53-7	
Toluene-d8 (S)	109	%.	65-148	1		05/08/24 01:31	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	63-132	1		05/08/24 01:31	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**13.5**	%	0.10	1		05/13/24 16:41		N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.