

Collection Location noahs cleaners	Collector and Phone bucklin jake 515/415-0889	Client Reference gmw3	Accession # 2742160
	Collected 2025-10-16 09:15	Received 2025-10-16 11:37	Project
Report To JAKE BUCKLIN IDNR CONTAMINATED SITES LAND QUALITY BUREAU 6200 PARK AVE STE 200 DES MOINES, IA 50321	Sample Description		
	Sample Type Non-Drinking Water		
	Sample Source		
	Sample Note(s) 1		

RESULTS OF ANALYSIS - FINAL REPORT

<u>TEST</u>	<u>RESULT (mg/L)</u>	<u>QUANT LIMIT</u>	<u>MCL</u>	<u>ANALYSIS NOTE(S)</u>
<i>GCMS Volatiles, EPA 524.2</i>				2, 4
Vinyl chloride	<0.12	0.12	0.002	
1,1-Dichloroethene	<0.12	0.12	0.007	
Methylene chloride	<0.25	0.25	0.005	
trans-1,2-Dichloroethylene	<0.12	0.12	0.1	
cis-1,2-Dichloroethylene	0.091	0.12	0.07	
1,2-Dichloroethane	<0.12	0.12	0.005	
1,1,1-Trichloroethane	<0.12	0.12	0.2	
Carbon tetrachloride	<0.12	0.12	0.005	
Benzene	<0.12	0.12	0.005	
1,2-Dichloropropane	<0.12	0.12	0.005	
Trichloroethene	0.31	0.12	0.005	
1,1,2-Trichloroethane	<0.12	0.12	0.005	
Toluene	<0.12	0.12	1	
Chlorobenzene	<0.12	0.12	0.1	
Ethylbenzene	<0.12	0.12	0.7	
Styrene	<0.12	0.12	0.1	
Total Xylenes	<0.12	0.12	10	
p-Dichlorobenzene	<0.12	0.12	0.075	
o-Dichlorobenzene	<0.12	0.12	0.6	
1,2,4-Trichlorobenzene	<0.12	0.12	0.07	
<i>GCMS Volatiles, EPA 524.2</i>				3, 4
Tetrachloroethylene	29	0.25	0.005	

SAMPLE AND ANALYSIS NOTES

1. Unless otherwise noted, the sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.
2. The Quant Limit is adjusted for dilution.
The result for cis-1,2-Dichloroethylene is an estimated value.
3. The Quant Limit is adjusted for dilution.
4. The MCL (maximum contaminant level) is only applicable to compliance monitoring samples under the Safe Drinking Water Act (SDWA).



Collection Location noahs cleaners	Collector bucklin jake	Client Reference gmw3	Accession # 2742160
--	----------------------------------	---------------------------------	-------------------------------

ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. GCMS Volatiles, EPA 524.2	2025-10-17 11:29 LJL	3200	2025-10-22 16:04 MW	
2. GCMS Volatiles, EPA 524.2	2025-10-17 09:15 LJL	3200	2025-10-22 16:04 MW	

DESCRIPTION OF UNITS

mg/L = Milligrams per Liter

SITE(S) PERFORMING TESTING

3200 STATE HYGIENIC LAB AT THE UNIV. OF IOWA, UNIVERSITY OF IOWA RESEARCH PARK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Dustin M. May, Ph.D., Associate Director; Michael A. Pentella, Ph.D., D(ABMM), Director; IOWA ENVIRONMENTAL LAB ID #027; CLIA ID Number 16D0648109

The result(s) of this report relate only to the items analyzed. Where the laboratory has not been responsible for the sampling stage the results apply only to the sample as received. This report shall not be reproduced except in full without the written approval of the laboratory. If you have any questions, please call Client Services at 800/421-IOWA (4692) or 319/335-4500.

Collection Location noahs cleaners	Collector and Phone bucklin jake 515/415-0889	Client Reference gmw4	Accession # 2742161
	Collected 2025-10-16 09:35	Received 2025-10-16 11:37	Project
Report To JAKE BUCKLIN IDNR CONTAMINATED SITES LAND QUALITY BUREAU 6200 PARK AVE STE 200 DES MOINES, IA 50321	Sample Description		
	Sample Type Non-Drinking Water		
	Sample Source		
	Sample Note(s) 1		

RESULTS OF ANALYSIS - FINAL REPORT

TEST	RESULT (mg/L)	QUANT LIMIT	MCL	ANALYSIS NOTE(S)
GCMS Volatiles, EPA 524.2				2, 3
Vinyl chloride	<0.0050	0.0050	0.002	
1,1-Dichloroethene	<0.0050	0.0050	0.007	
Methylene chloride	<0.010	0.010	0.005	
trans-1,2-Dichloroethylene	<0.0050	0.0050	0.1	
cis-1,2-Dichloroethylene	0.035	0.0050	0.07	
1,2-Dichloroethane	<0.0050	0.0050	0.005	
1,1,1-Trichloroethane	<0.0050	0.0050	0.2	
Carbon tetrachloride	<0.0050	0.0050	0.005	
Benzene	<0.0050	0.0050	0.005	
1,2-Dichloropropane	<0.0050	0.0050	0.005	
Trichloroethene	0.015	0.0050	0.005	
1,1,2-Trichloroethane	<0.0050	0.0050	0.005	
Toluene	<0.0050	0.0050	1	
Tetrachloroethylene	0.76	0.0050	0.005	
Chlorobenzene	<0.0050	0.0050	0.1	
Ethylbenzene	<0.0050	0.0050	0.7	
Styrene	<0.0050	0.0050	0.1	
Total Xylenes	<0.0050	0.0050	10	
p-Dichlorobenzene	<0.0050	0.0050	0.075	
o-Dichlorobenzene	<0.0050	0.0050	0.6	
1,2,4-Trichlorobenzene	<0.0050	0.0050	0.07	

SAMPLE AND ANALYSIS NOTES

1. Unless otherwise noted, the sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.
2. The Quant Limit is adjusted for dilution.
3. The MCL (maximum contaminant level) is only applicable to compliance monitoring samples under the Safe Drinking Water Act (SDWA).

ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. GCMS Volatiles, EPA 524.2	2025-10-17 09:37 LJJ	3200	2025-10-22 16:04 MW	



Collection Location	Collector	Client Reference	Accession #
noahs cleaners	bucklin jake	gmw4	2742161

DESCRIPTION OF UNITS

mg/L = Milligrams per Liter

SITE(S) PERFORMING TESTING

3200 STATE HYGIENIC LAB AT THE UNIV. OF IOWA, UNIVERSITY OF IOWA RESEARCH PARK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Dustin M. May, Ph.D., Associate Director; Michael A. Pentella, Ph.D., D(ABMM), Director; IOWA ENVIRONMENTAL LAB ID #027; CLIA ID Number 16D0648109

The result(s) of this report relate only to the items analyzed. Where the laboratory has not been responsible for the sampling stage the results apply only to the sample as received. This report shall not be reproduced except in full without the written approval of the laboratory. If you have any questions, please call Client Services at 800/421-IOWA (4692) or 319/335-4500.

Collection Location noahs cleaners	Collector and Phone bucklin jake 515/415-0889	Client Reference gmw9d	Accession # 2742162
	Collected 2025-10-16 09:55	Received 2025-10-16 11:37	Project
Report To JAKE BUCKLIN IDNR CONTAMINATED SITES LAND QUALITY BUREAU 6200 PARK AVE STE 200 DES MOINES, IA 50321	Sample Description		
	Sample Type Non-Drinking Water		
	Sample Source		
	Sample Note(s) 1		

RESULTS OF ANALYSIS - FINAL REPORT

TEST	RESULT (mg/L)	QUANT LIMIT	MCL	ANALYSIS NOTE(S)
GCMS Volatiles, EPA 524.2				2, 3
Vinyl chloride	<0.0050	0.0050	0.002	
1,1-Dichloroethene	<0.0050	0.0050	0.007	
Methylene chloride	<0.010	0.010	0.005	
trans-1,2-Dichloroethylene	<0.0050	0.0050	0.1	
cis-1,2-Dichloroethylene	0.012	0.0050	0.07	
1,2-Dichloroethane	<0.0050	0.0050	0.005	
1,1,1-Trichloroethane	<0.0050	0.0050	0.2	
Carbon tetrachloride	<0.0050	0.0050	0.005	
Benzene	<0.0050	0.0050	0.005	
1,2-Dichloropropane	<0.0050	0.0050	0.005	
Trichloroethene	0.0088	0.0050	0.005	
1,1,2-Trichloroethane	<0.0050	0.0050	0.005	
Toluene	<0.0050	0.0050	1	
Tetrachloroethylene	0.33	0.0050	0.005	
Chlorobenzene	<0.0050	0.0050	0.1	
Ethylbenzene	<0.0050	0.0050	0.7	
Styrene	<0.0050	0.0050	0.1	
Total Xylenes	<0.0050	0.0050	10	
p-Dichlorobenzene	<0.0050	0.0050	0.075	
o-Dichlorobenzene	<0.0050	0.0050	0.6	
1,2,4-Trichlorobenzene	<0.0050	0.0050	0.07	

SAMPLE AND ANALYSIS NOTES

1. Unless otherwise noted, the sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.
2. The Quant Limit is adjusted for dilution.
3. The MCL (maximum contaminant level) is only applicable to compliance monitoring samples under the Safe Drinking Water Act (SDWA).

ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. GCMS Volatiles, EPA 524.2	2025-10-17 10:00 LJJ	3200	2025-10-22 16:04 MW	



Collection Location noahs cleaners	Collector bucklin jake	Client Reference gmw9d	Accession # 2742162
--	----------------------------------	----------------------------------	-------------------------------

DESCRIPTION OF UNITS

mg/L = Milligrams per Liter

SITE(S) PERFORMING TESTING

3200 STATE HYGIENIC LAB AT THE UNIV. OF IOWA, UNIVERSITY OF IOWA RESEARCH PARK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Dustin M. May, Ph.D., Associate Director; Michael A. Pentella, Ph.D., D(ABMM), Director; IOWA ENVIRONMENTAL LAB ID #027; CLIA ID Number 16D0648109

The result(s) of this report relate only to the items analyzed. Where the laboratory has not been responsible for the sampling stage the results apply only to the sample as received. This report shall not be reproduced except in full without the written approval of the laboratory. If you have any questions, please call Client Services at 800/421-IOWA (4692) or 319/335-4500.

Collection Location trip blank	Collector and Phone bucklin jake 515/415-0889	Client Reference gmw3	Accession # 2742827
	Collected 2025-10-16	Received 2025-10-16 11:37	Project
Report To IDNR CONTAMINATED SITES LAND QUALITY BUREAU 6200 PARK AVE STE 200 DES MOINES, IA 50321	Sample Description		
	Sample Type Non-Drinking Water		
	Sample Source		
	Sample Note(s) 1		

RESULTS OF ANALYSIS - FINAL REPORT

<u>TEST</u>	<u>RESULT (mg/L)</u>	<u>QUANT LIMIT</u>	<u>MCL</u>	<u>ANALYSIS NOTE(S)</u>
GCMS Volatiles, EPA 524.2				2
Vinyl chloride	<0.0005	0.0005	0.002	
1,1-Dichloroethene	<0.0005	0.0005	0.007	
Methylene chloride	<0.0010	0.0010	0.005	
trans-1,2-Dichloroethylene	<0.0005	0.0005	0.1	
cis-1,2-Dichloroethylene	<0.0005	0.0005	0.07	
1,2-Dichloroethane	<0.0005	0.0005	0.005	
1,1,1-Trichloroethane	<0.0005	0.0005	0.2	
Carbon tetrachloride	<0.0005	0.0005	0.005	
Benzene	<0.0005	0.0005	0.005	
1,2-Dichloropropane	<0.0005	0.0005	0.005	
Trichloroethene	<0.0005	0.0005	0.005	
1,1,2-Trichloroethane	<0.0005	0.0005	0.005	
Toluene	<0.0005	0.0005	1	
Tetrachloroethylene	<0.0005	0.0005	0.005	
Chlorobenzene	<0.0005	0.0005	0.1	
Ethylbenzene	<0.0005	0.0005	0.7	
Styrene	<0.0005	0.0005	0.1	
Total Xylenes	<0.0005	0.0005	10	
p-Dichlorobenzene	<0.0005	0.0005	0.075	
o-Dichlorobenzene	<0.0005	0.0005	0.6	
1,2,4-Trichlorobenzene	<0.0005	0.0005	0.07	

SAMPLE AND ANALYSIS NOTES

1. Unless otherwise noted, the sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.
2. The MCL (maximum contaminant level) is only applicable to compliance monitoring samples under the Safe Drinking Water Act (SDWA).

ANALYSIS INFORMATION

<u>TEST</u>	<u>ANALYZED</u>	<u>SITE</u>	<u>RELEASED</u>	<u>ANALYSIS PREP</u>
1. GCMS Volatiles, EPA 524.2	2025-10-17 10:22 LJL	3200	2025-10-22 16:04 MW	



Collection Location	Collector	Client Reference	Accession #
trip blank	bucklin jake	gmw3	2742827

DESCRIPTION OF UNITS

mg/L = Milligrams per Liter

SITE(S) PERFORMING TESTING

3200 STATE HYGIENIC LAB AT THE UNIV. OF IOWA, UNIVERSITY OF IOWA RESEARCH PARK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Dustin M. May, Ph.D., Associate Director; Michael A. Pentella, Ph.D., D(ABMM), Director; IOWA ENVIRONMENTAL LAB ID #027; CLIA ID Number 16D0648109

The result(s) of this report relate only to the items analyzed. Where the laboratory has not been responsible for the sampling stage the results apply only to the sample as received. This report shall not be reproduced except in full without the written approval of the laboratory. If you have any questions, please call Client Services at 800/421-IOWA (4692) or 319/335-4500.