

Collection Location bathroom sink 6257 PEGTOWN RD BURLINGTON, IA	Collector and Phone lemke greg 319/753-8217	Client Reference	Accession # 2112577
	Collected 2022-06-07 08:30	Received 2022-06-08 07:00	Project
Report To GREG LEMKE DES MOINES CO HEALTH DEPT 522 N 3RD ST BURLINGTON, IA 52601	Sample Description water		
	Sample Type Drinking Water		
	Sample Source		
	Sample Note(s) 1		

ADDITIONAL SAMPLE INFORMATION

Owner: marquardt wayne

Well Number: 2222893

RESULTS OF ANALYSIS - FINAL REPORT

<u>TEST</u>	<u>RESULT (/100 mL)</u>	<u>ANALYSIS NOTE(S)</u>
Total Coliform and E.coli Bacteria, SM 9223 B Total Coliform Bacteria E.coli	Absent, Bacterially Safe Absent	2
<u>Nitrate + Nitrite as N, EPA 353.2</u> Nitrate + Nitrite nitrogen as N	<u>RESULT (mg/L)</u> <0.10	<u>ANALYSIS NOTE(S)</u> 3

SAMPLE AND ANALYSIS NOTES

1. Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.
2. If the total coliform bacteria and E.coli test results are "Absent" or "<1", these results are satisfactory and the water is bacterially safe for drinking purposes. If the total coliform bacteria test is "Present" or number is greater than or equal to 1 (e.g. 1, 20.7, 50.4, >200.5, etc), this result is UNSATISFACTORY and indicates the water is bacterially UNSAFE and should NOT be used for drinking unless properly disinfected before use (e.g. boiling for one minute). In addition, if the E.coli bacteria test result is also "Present" or number is greater than or equal to 1, this result indicates the water may be contaminated by human or animal sewage. E.coli presence indicates that the water may be contaminated with microorganisms that CAN cause disease and thus, represents a serious health concern. Contact your local county health department or SHL's web site (<http://www.shl.uiowa.edu>; click on Well Water in the left hand menu) for information and guidance to help correct your water quality problem.
3. Interpretation: Nitrate+nitrite result less than or equal to 10 mg/L: does not exceed infant health advisory. Nitrate+nitrite result greater than 10 mg/L: EXCEEDS infant health advisory and this water should not be used to prepare formula or used for drinking by infants less than six months of age. Contact your local county health department or SHL's web page (<http://www.shl.uiowa.edu> and private well water) for guidance.

ANALYSIS INFORMATION

	<u>ANALYZED</u>	<u>SITE</u>	<u>RELEASED</u>	<u>ANALYSIS PREP</u>
Total Coliform and E.coli Bacteria, SM 9223 B	2022-06-08 09:01 AS, JAC	3200	2022-06-09 10:51 AS	
2. Nitrate + Nitrite as N, EPA 353.2	2022-06-08 15:26 AS, DJO	3200	2022-06-09 08:17 DJO	



Collection Location bathroom sink	Collector lemke greg	Client Reference	Accession # 2112577
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DESCRIPTION OF UNITS

/100 mL = Number per 100 Milliliters
mg/L = Milligrams per Liter

SITE(S) PERFORMING TESTING

3200 STATE HYGIENIC LABORATORY CORALVILLE, UNIVERSITY OF IOWA RESEARCH PK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Michael D. Schueller, M.S., Associate Director; Wade K. Aldous, Ph.D. (D)ABMM, Associate Director; IOWA ENVIRONMENTAL LAB ID #027

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.



Action Location bathroom sink		Collector and Phone lemke greg 319/753-8217	Client Reference co arsenic	Accession # 2112725
6257 PEGTOWN RD BURLINGTON, IA		Collected 2022-06-07 08:30	Received 2022-06-08 09:53	Project
Report To	DES MOINES CO HEALTH DEPT			Sample Description water
	522 N 3RD ST			Sample Type Drinking Water
	BURLINGTON, IA 52601			Sample Source
				Sample Note(s) 1

ADDITIONAL SAMPLE INFORMATION

Owner: marquardt

Well Number: 2222893

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>
Metals, EPA 200.8 Arsenic	<0.001	0.001	0.01	2
Manganese	<0.02	0.02	<u>ACTION LEVEL</u> 0.3	

SAMPLE AND ANALYSIS NOTES

1. Upon arrival, 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. Metals, EPA 200.8	2022-06-09 10:13 SGB	3201	2022-06-10 14:04 MRC	

DESCRIPTION OF UNITS

mg/L = Milligrams per Liter

SITE(S) PERFORMING TESTING

3201 STATE HYGIENIC LABORATORY ANKENY, IOWA LABORATORIES COMPLEX, 2220 S ANKENY BLVD, ANKENY, IA 50023; Phone 515/725-1600; Fax 515/725-1642; Michael D. Schueller, M.S., Associate Director; Wade K. Aldous, Ph.D. (D)ABMM, Associate Director; IOWA ENVIRONMENTAL LAB ID #397

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