


**STATE HYGIENIC
LABORATORY**
ANALYTICAL REPORT
1-800-421-IOWA (4692)

Collection Location storm water basin "c"	Collector and Phone levetzow kurt 319/653-8081	Client Reference	Accession # 2233393
	Collected 2023-01-24 12:10	Received 2023-01-24 15:31	Project 07wqer
MARENGO, IA	Report To KURT LEVETZOW IDNR-FO 6 1023 W MADISON ST WASHINGTON, IA 52353-1623		Sample Description
			Sample Type Non-Drinking Water
			Sample Source
			Sample Note(s) 1, 2

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>
Anions, EPA 300.0				3
Chloride	36	0.2		
Sulfate	25	0.2		

<u>TEST</u>	<u>RESULT (mg/L)</u>	<u>QUANT LIMIT</u>	<u>ANALYSIS NOTE(S)</u>
Nitrate + Nitrite as N, LAC 10-107-04-1J			
Nitrate + Nitrite nitrogen as N	0.79	0.1	
Total Organic Carbon, SM 5310 B			
Total Organic Carbon	6.1	0.5	
Alkalinity as CaCO ₃ , SM 2320 B			
Total Alkalinity	110	1	

<u>TEST</u>	<u>RESULT (pH)</u>	<u>ANALYSIS NOTE(S)</u>
Laboratory pH, SM 4500 H+B		
Laboratory pH	7.6	

<u>TEST</u>	<u>RESULT (mg/L)</u>	<u>QUANT LIMIT</u>	<u>ANALYSIS NOTE(S)</u>
Metals, EPA 200.8			
Iron	0.17	0.02	
Manganese	0.03	0.02	

SAMPLE AND ANALYSIS NOTES

1. Missing information on request form. Failure to provide this information may result in delayed results or sample rejection.
2. 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.
3. 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. Anions, EPA 300.0	2023-01-25 12:53 MGB	3201	2023-01-26 10:06 JAE	
2. Nitrate + Nitrite as N, LAC 10-107-04-1J	2023-01-27 09:42 MLS	3201	2023-01-27 12:51 MGB	
3. Total Organic Carbon, SM 5310 B	2023-01-25 10:59 AJB	3201	2023-01-26 10:18 JAE	



Collection Location	Collector	Client Reference	Accession #
storm water basin "c"	levetzow kurt		2233393

TEST

- 4. Alkalinity as CaCO₃, SM 2320 B
- 5. Laboratory pH, SM 4500 H+B
- 6. Metals, EPA 200.8

ANALYZED

2023-01-26 09:22 PMR
2023-01-26 09:22 PMR
2023-01-27 10:30 SGB

SITE

3201
3201
3201

RELEASED

2023-01-27 07:54 JAE
2023-01-27 07:54 JAE
2023-01-27 16:09 BRW

ANALYSIS PREP

DESCRIPTION OF UNITS

mg/L = Milligrams per Liter

pH = pH Units

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

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.