

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CON 12-15
Doc #30562

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Cedar Falls

704 Enterprise Drive

Cedar Falls, IA 50613

Tel: (319)277-2401

TestAmerica Job ID: 310-47641-1

Client Project/Site: Drinking Water

For:

River Cities Industrial Center

%PETERSEN PROP. 200 E 90th Street

Davenport, Iowa 52806

Attn: Shelly Naftzger

Linda Cmelik

Authorized for release by:

1/23/2015 10:59:15 AM

Linda Cmelik, Project Manager II

(319)277-2401

linda.cmelik@testamericainc.com

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The
Expert**

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: River Cities Industrial Center
Project/Site: Drinking Water

TestAmerica Job ID: 310-47641-1

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Job ID: 310-47641-1

Laboratory: TestAmerica Cedar Falls

Narrative**Job Narrative**

310-47641-1

Comments

No additional comments.

Receipt

The samples were received on 1/21/2015 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 0.6° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Biology

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: River Cities Industrial Center
Project/Site: Drinking Water

TestAmerica Job ID: 310-47641-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-47641-1	Unit 2 NW Janitor Closet	Drinking Water	01/20/15 08:40	01/21/15 08:50
310-47641-2	Y6 Janitor Closet	Drinking Water	01/20/15 08:30	01/21/15 08:50
310-47641-3	Well 4	Drinking Water	01/20/15 08:10	01/21/15 08:50
310-47641-4	Well 5	Drinking Water	01/20/15 08:20	01/21/15 08:50

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TestAmerica Cedar Falls

Client Sample Results

Client: River Cities Industrial Center
Project/Site: Drinking Water

TestAmerica Job ID: 310-47641-1

Client Sample ID: Unit 2 NW Janitor Closet

Lab Sample ID: 310-47641-1

Date Collected: 01/20/15 08:40

Matrix: Drinking Water

Date Received: 01/21/15 08:50

Method: SM 9223B - Coliforms, Total, and E.Coli (Presence/Absence)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Analyzed	Dil Fac	Analyst
Coliform, Total	Absent				NONE		01/21/15 09:25	1	LBB
E. Coli	Absent				NONE		01/21/15 09:25	1	LBB

Client Sample ID: Y6 Janitor Closet

Lab Sample ID: 310-47641-2

Date Collected: 01/20/15 08:30

Matrix: Drinking Water

Date Received: 01/21/15 08:50

Method: SM 9223B - Coliforms, Total, and E.Coli (Presence/Absence)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Analyzed	Dil Fac	Analyst
Coliform, Total	Absent				NONE		01/21/15 09:25	1	LBB
E. Coli	Absent				NONE		01/21/15 09:25	1	LBB

Client Sample ID: Well 4

Lab Sample ID: 310-47641-3

Date Collected: 01/20/15 08:10

Matrix: Drinking Water

Date Received: 01/21/15 08:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Nitrate as N	<0.100		0.100		mg/L		01/21/15 11:55	1	MDK

Client Sample ID: Well 5

Lab Sample ID: 310-47641-4

Date Collected: 01/20/15 08:20

Matrix: Drinking Water

Date Received: 01/21/15 08:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Nitrate as N	<0.100		0.100		mg/L		01/21/15 11:57	1	MDK

TestAmerica Cedar Falls

Certification and Definitions Summary

Client: River Cities Industrial Center
Project/Site: Drinking Water

TestAmerica Job ID: 310-47641-1

Laboratory: TestAmerica Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority Iowa	Program State Program	EPA Region 7	Certification ID 007	Expiration Date 12-01-15
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Analysis Method	Prep Method	Matrix	Analyte
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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
"	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method Summary

Client: River Cities Industrial Center
Project/Site: Drinking Water

TestAmerica Job ID: 310-47641-1

Method	Method Description	Protocol	Laboratory
SM 4500 NO3 E	Nitrogen, Nitrate	SM	TAL CF
SM 9223B	Coliforms, Total, and E.Coli (Presence/Absence)	SM	TAL CF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL CF = TestAmerica Cedar Falls, 704 Enterprise Drive, Cedar Falls, IA 50613, TEL (319)277-2401



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THE LEADER IN ENVIRONMENTAL TESTING

704 Enterprise Drive • Cedar Falls, IA 50613
Tel: 319-277-2101 • Fax: 319-277-2409**TestAmerica Sample Receipt and
Cedar Falls Facility**

310.47641 Chain of Custody

Client: Peterson Prop. Project: _____

City: _____ State: _____

Date: 1-21-15 Receiver's Initials: CH Time (Delivered): 8:50**Temperature Record:**

Cooler ID# (If Applicable)

Style

Uncorrected Temp:

6.7 °C

Corrected Temp:

6.6 °C**Thermometer:**

- ☐ IR "E" - 111531506
☐ IR "Front" - 61854108
☐ IR "G" - 130195822
☒ IR "H" - 130195853
☐ Other: _____

Courier:

- ☒ UPS ☐ TA Courier
☐ FedEx ☐ TA Field Services
☐ FedEx Ground ☐ Client
☐ US Postal Service ☐ Other: _____
☐ Spee-Dee

- ☒ Temperature blank
☐ Temperature out of compliance

Coolant Record:

- ☒ Received on ice
☒ Wet ice
☐ Blue ice
☐ Dry ice
☐ Other: _____
☐ NONE

Exceptions Noted:

- ☐ Sample(s) not received in cooler
☐ Sample(s) received same day of sampling
☐ Evidence of chilling process
☐ Temp blank <0°C, samples NOT FROZEN
☐ Temp blank <0°C, samples FROZEN
☐ Temperature not taken: (indicate reason) _____
☐ Non-Conformance Report Started

Custody Seals:

Cooler Custody Seals Present?

☒ Yes ☐ No

Cooler Custody Seals Intact?

☒ Yes ☐ No ☐ N/A

Sample Custody Seals Present?

☐ Yes ☒ No

Sample Custody Seals Intact?

☐ Yes ☐ No ☒ N/A

Public Water Supply Analysis Form

QUARTERLY GOLD CARD

Public Water Supply ID Number:	<u>8222174</u>	Collection Date:	<u>01-30-15</u>
Public Water Supply Name:	<u>Peterson Properties, LC</u>	Month/Day/Year	
Public Water Supply Address:	<u>River Cities Industrial Center</u>	Collection Time:	<u>08:40 AM</u>
	<u>200 E. 90th Street</u>	Collection Location:	<u>Unit # 7 NW</u>
	<u>Davenport, IA 52806</u>		<u>Janitor Closet</u>
Facility ID: <u>950</u>		Collector Name:	<u>Joel McCubbin</u>
Source/Entry Point Number(s):	<u>02</u> <u>03</u>		
Source Entry Point Description:	<u>02 - WELL Y-5 (GROUNDWATER)</u> <u>03 - WELL Y-4 (GROUNDWATER)</u>		
Sample Type:			For TestAmerica's use
D for coliform distribution samples and normal nitrate source entry point samples RP for Repeat or Check samples S for Special samples R for Replacement sample			
Chlorine Residuals - Required if water supply is chlorinated.			
Free:	<u> </u> mg/L		
Total:	<u> </u> mg/L		
This information is required by the Iowa Department of Natural Resources. Your results may be invalid if not included. Total Coliform and Nitrates must be received by TestAmerica within 30 hours of sampling due to holding time requirements. Samples should be received at TestAmerica on Monday through Thursday. Please call ahead if other arrangements are needed. NOTE: Nitrates must be samples taken from the source entry point listed on your permit.			

Public Water Supply Analysis Form

QUARTERLY GOLD CARD

Public Water Supply ID Number:	8222174	Collection Date:	01-20-15
Public Water Supply Name:	Peterson Properties, LC	Month/Day/Year	
Public Water Supply Address:	River Cities Industrial Center	Collection Time:	08:30 AM
	200 E. 90th Street	Collection Location:	y-6 fountain closet
	Davenport, IA 52806	Collector Name:	Joel McCabbin
Facility ID:	950		
Source/Entry Point Number(s):	02 03		
Source Entry Point Description:	02 - WELL Y-5 (GROUNDWATER) 03 - WELL Y-4 (GROUNDWATER)		
Sample Type:			For TestAmerica's use
D for coliform distribution samples and normal nitrate source entry point samples			
RP for Repeat or Check samples			
S for Special samples			
R for Replacement sample			
Chlorine Residuals - Required if water supply is chlorinated.			
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Public Water Supply Analysis Form

QUARTERLY GOLD CARD

Public Water Supply ID Number: 8222174Collection Date: 01-20-15
Month/Day/YearPublic Water Supply Name: Peterson Properties, LCCollection Time: 08:10 AMPublic Water Supply Address: River Cities Industrial CenterCollection Location: Well # 4200 E. 90th StreetDavenport, IA 52806Collector Name: Joel Mc CoffinFacility ID: 950Source/Entry Point Number(s): 02
03Source Entry Point Description: 02 - WELL Y-5 (GROUNDWATER)
03 - WELL Y-4 (GROUNDWATER)

For TestAmerica's use

Sample Type: _____

D for coliform distribution samples and normal nitrate source entry point samples**RP** for Repeat or Check samples**S** for Special samples**R** for Replacement sample

Chlorine Residuals - Required if water supply is chlorinated.

Free: _____ mg/L

Total: _____ mg/L

This information is required by the Iowa Department of Natural Resources. Your results may be invalid if not included.

Total Coliform and Nitrates must be received by TestAmerica within 30 hours of sampling due to holding time requirements.
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Public Water Supply Analysis Form

QUARTERLY GOLD CARD

Public Water Supply ID Number:	<u>8222174</u>	Collection Date:	<u>01-20-15</u>
Public Water Supply Name:	<u>Peterson Properties, LC</u>	Month/Day/Year	
Public Water Supply Address:	<u>River Cities Industrial Center</u>	Collection Time:	<u>08:20 AM</u>
	<u>200 E. 90th Street</u>	Collection Location:	<u>Well # 5</u>
	<u>Davenport, IA 52806</u>	Collector Name:	<u>Jodi Mc Cabb</u>
Facility ID:	<u>950</u>		
Source/Entry Point Number(s):	<u>02</u> <u>03</u>		
Source Entry Point Description:	<u>02 - WELL Y-5 (GROUNDWATER)</u> <u>03 - WELL Y-4 (GROUNDWATER)</u>		
Sample Type:			For TestAmerica's use
D for coliform distribution samples and normal nitrate source entry point samples			
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Chlorine Residuals - Required if water supply is chlorinated.			
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