#### **EXECUTIVE SUMMARY**

### **Initial Sampling Event:**

Triangle Environmental Science and Engineering Inc is pleased to present the results of a Lead Drinking Water Evaluation completed for the **Iron County C-4 School District.** The Lead Drinking Water Evaluation was conducted on <u>FEBRUARY 13, 2023</u> by John W. Cable. Mr. Cable is a Department of Natural Resources Licensed Drinking Water DS-II Distribution Manager and a Missouri Department of Health and Senior Servies Licensed Lead Risk Assessor.

Two (2) drinking water samples were taken from each noted location (note diagrams). A first Draw and Second Draw, obtained Water samples were properly obtained, labeled, and sent to TEKLAB, Collinsville IL, and evaluated for Lead, drinking water/EPA 200.7/200.8

School district buildings were evaluated for lead in drinking water. The buildings evaluated:

- PRESCHOOL
- ELEMENTARY
- MIDDLE SCHOOL
- JUNIOR HIGH
- HIGH SCHOOL GYM
- HIGH SCHOOL
- ADMIN

**RESULTS** 

TRIANGLE ENVIRONMENTAL SCIENCE AND ENGINEERING INC

LEAD DRINKING WATER ANALYSIS

PROJECT

VIBURNUM Iron County C4

SCHOOL DISTRICT

VIBURNUM, MO

DATE 2/13/2023

SAMPLE	Α	В	MCL (ppb)	
HS1 W	<1	<5	5	
HG3 W	<1	<1	r <sub>3</sub>	
HA1	2.7	<1	5	
GYM	<1	<b>₹</b>	5	
EL 1W	<1	<1.	5	
ELS M	<1	<5	5	
EL3 W	<1	<1	5	
PRESCH W	7.2	<1	5	
W HL	<1	<1	5	
MS W	9.7	39.5	5 .	
HG-1 W	1.8	2	E .	
HG 2-W	1.8	1.8	I.	
W MIMGA	1.6	<1	5	

<sup>\*</sup> RESULTS IN ug/l (ppb)

Post Abatement Sampling Event: 6/28/23

Triangle Environmental Science and Engineering Inc is pleased to present the results of a Lead Drinking Water Evaluation completed for the **Iron County C-4 School District.** The Lead Drinking Water Evaluation was conducted on <u>June 28th, 2023</u> by John W. Cable Jr working under Mr. John Cable Sr who is a Department of Natural Resources Licensed Drinking Water DS-II Distribution Manager and a Missouri Department of Health and Senior Servies Licensed Lead Risk Assessor.

TWO (2) drinking water samples were taken from previous failed each noted location, and a initial location sampling event was completed. A first Draw and Second Draw, obtained Water samples were properly obtained, labeled, and sent to TEKLAB, Collinsville IL, and evaluated for Lead, drinking water/EPA 200.7/200.8

School district buildings were evaluated for lead in drinking water. The buildings evaluated:

- PRESCHOOL
- MIDDLE SCHOOL
- ADDITIONAL BUILDING

## TRIANGLE ENVIRONMENTAL SCIENCE AND ENGINEERING INC

LEAD DRINKING WATER ANALYSIS

**VIBURNUM Iron County C4** 

**PROJECT** 

SCHOOL DISTRICT

VIBURNUM, MO

**DATE** 6/28/2023

SAMPLE	A	В	MCL (ppb)	
FOUNTAIN 1	<1	<1	5	Mid sch
FOUNTAIN 2	40	20	5	Mid sch
SINK	15	<1	5	preshool

<sup>\*</sup> RESULTS IN ug/l (ppb)

Post Abatement Sampling Event: 10/6/23

Triangle Environmental Science and Engineering Inc is pleased to present the results of a Lead Drinking Water Evaluation completed for the Iron County C-4 School District. The Lead Drinking Water Evaluation was conducted on Oct 6<sup>th</sup>, 2023 by John W. Cable Jr working under Mr. John Cable Sr who is a Department of Natural Resources Licensed Drinking Water DS-II Distribution Manager and a Missouri Department of Health and Senior Servies Licensed Lead Risk Assessor.

TWO (2) drinking water samples were taken from previous failed each noted locations. A first Draw and Second Draw, obtained Water samples were properly obtained, labeled, and sent to TEKLAB, Collinsville IL, and evaluated for Lead, drinking water/EPA 200.7/200.8

School district buildings were evaluated for lead in drinking water. The buildings evaluated:

- MIDDLE SCHOOL
- PRESCHOOL

# TRIANGLE ENVIRONMENTAL SCIENCE AND ENGINEERING INC

LEAD DRINKING WATER ANALYSIS

VIBURNUM Iron County C4

PROJECT SCHOOL DISTRICT

2 W Cable

<u>VIBURNUM, MO</u>

SAMPLE	Α	В	MCL (ppb)	
MSW	1.5	<1	5	Mid sch
PreschW	13.6	<1	5	preschool
(sink)				

**DATE** 10/6/2023

### **Conclusions**

Preschool sink first draw sample was above the MCL (5ppb) for lead. It has been a pleasure serving the Iron County C-4 School District.

Sincerely,

John W. Cable

Date

11/17/2023

President

<sup>\*</sup> RESULTS IN ug/l (ppb)