

Slater SCOOP

June & July 2024

TO DO LIST

Done	What	When	Where
	Celebrate the 4th	July 3 & 4	Nelson Park, pp. 2-4
	Share fireworks ordinance w/ a friend	July 3-6	City of Slater, p. 5
	Enjoy a porch concert	July 3	401 Marshall St., p. 6
	Explore history	July 4	Heritage Hall, p. 7
	Enjoy the community	Tuesdays 6pm-9	405 Main St., pp. 8-9
	Go swimming	June 1—Aug. 18	Slater Pool, p. 10
	Participate in a library program	Multiple dates to choose from	Slater Public Library, p.11
	Become a tennis pro	July 8-11	Grimm Park, p. 12-13
	Play in a golf tournament fundraiser	Aug. 24	Ballard Golf & Country Club, p. 14
	Remind family of golf cart ordinance	All summer	City of Slater, p. 15
	Keep streets clear of grass trimmings	All summer	City of Slater, p. 16
	Read water report		City of Slater, pp. 17-23

A special thank you to all the service members who make our Independence Day possible! And Thank you...

To all our community members who volunteer their time and help present a spectacular 4th of July Celebration.



Don't forget to get tickets for a chance to win a 59"x70" quilt, made by our very own Slater Quilting & Sewing Group.

\$1 for 1 Ticket or \$5 for 6 Tickets

For tickets contact: Marty Severson 685-4430

Or look for us at the gazebo in Nelson Park July 3rd-4th



AMUSEMENT ASSOCIATES

CARNIVAL TICKET PRE-SALE

4-Hour Unlimited Ride: \$20.00

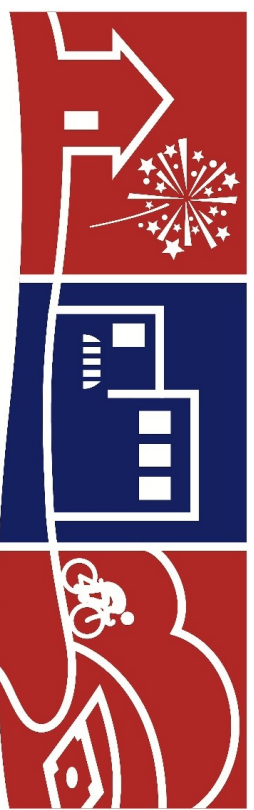
**Be sure to check facebook for specific times.*

Available at City Hall and the Library until

July 3 at 4 PM

Day of Event- Wristbands \$25 & Tickets \$1 each

SLATER COMMUNITY CLUB GETS A PORTION OF THE PRESALES, SO PLEASE BUY TICKETS AHEAD OF TIME.



SLATER

SMALL TOWN, BIG COMMUNITY

2024 ★

4TH OF JULY CELEBRATION



4TH OF JULY ROYALTY

Slater EMS

Chloe Hill and Evelyn Rundahl



Slater Fire Department

Payton Hauersperger and Evelyn Manfull

Friends of the Library

Desaray Cochran and Vayda Rogers



Slater Garden Club

Brooklyn Baumgardner and Lenora Smith



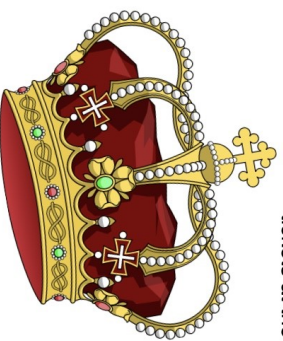
Log Cabin Quilters

Kaitlyn Zugay and Eliee Hannah

Slater Auxiliary/American Legion

Rachel Husinga and Riley Jones

*Vote for your Queen and Princess Candidate by purchasing raffle tickets at the gazebo in Nelson Park.



WEDNESDAY-JULY 3RD

5- 11 PM Beer Sales @ Nelson Park presented by Rolling Taps

NO OUTSIDE ALCOHOL ALLOWED IN NELSON PARK

6 PM Carnival Presented by Amusement Associates @ Nelson Park

6 PM Kiddie Parade (Line up at the Senior Center at 5:45 PM)

*Free Treats for the Kids from the American Legion

Patriotic Pinwheel Station with the Slater Public Library in Nelson Park after kiddie parade.

6 PM Food and Craft Vendors @ Nelson Park
Beer Sales @ Nelson Park presented by Rolling Taps

7 pm- 10 PM Kraft Brothers @Nelson Park Stage



10 PM FIREWORKS!!

At Grimm Park (Rain Date July 4th)



In order to prepare for the fireworks display, Grimm Park and the Pool will be closing at 5pm on the 3rd of July. This means vehicles must also be removed from the parking lot by 5pm.

Did you know...you can get complimentary Popcorn & Glow Bracelets at the Baptist Church prior to Fireworks Display.



THURSDAY - JULY 4TH

6:30 am

Ballard Kiwanis 5K Run Registration
@ Nelson Park Stage- \$25/Run Starts @ 7 AM

8 am - 10 am

Ballard Kiwanis Pancake Breakfast
@ Nelson Park Stage (free will donation)

10 am

**PARADE- GRAND MARSHALS
ALVIN AND BARB LUND**

*Parade Participants: Please line up on
Greene Street and 1st Ave.



*No Parking on Main Street

*Parade Route Closes at 9 AM

After Parade

Iowa National Guard Recruiting
Climbing Wall on 4th Ave. @ Nelson Park

11 AM- 1 PM

Iowa National Guard Black Hawk Helicopter
Display Night Hawk Field

10:30 AM

Carnival Presented by Amusement Associates

11am- 8pm

Food and Craft Vendors @ Nelson Park

9 AM

Beer Sales @ Nelson Park presented by
Rolling Taps

Noon

Horseshoe Tournament and Sand Volleyball
Tournament @ Grimm Park

Noon

Opening Ceremonies @ Nelson Park Stage

- Presentation of Colors
- Opening Prayer- Gary Holmes
- Pledge of Allegiance
- National Anthem
- Mayor's Welcome



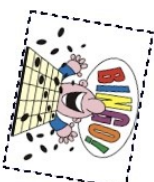
THURSDAY - JULY 4TH

12:30 PM

Community Band and Chorus
@ Nelson Park Stage

2 PM

Bingo @ Nelson Park Stage



4 PM

Trivia presented by Community Center and
Library Building Committee
@ Nelson Park Stage

6 PM

Queen Crowning & Raffle Drawing @
Nelson Park Stage



****PLEASE NO GOLF CARTS ON SIDEWALKS OR IN
NELSON PARK. ****

EXTRA PARKING AVAILABLE AT BALLARD WEST @ THE
WEST END OF MAIN STREET



BE SURE TO LIKE SLATER IOWA COMMUNITY CLUB
ON FACEBOOK FOR UPDATES, CHANGES, AND FUN
CONTENT!!

41.12 FIREWORKS USE

1. Definition. (shall remain the same) The term “fireworks” includes any explosive composition, or combination of explosive substances, or articles prepared for the purpose of producing a visible or audible effect by combustion, explosion, deflagration or detonation, and specifically includes blank cartridges, firecrackers, torpedoes, skyrockets, roman candles, or other fireworks of like construction and any firework containing any explosive or flammable compound, or other device containing any explosive substance.

2. Regulations. A person shall not use or explode consumer fireworks on days other than July 3rd, 4th, and 5th and Fridays and Saturdays from June 1st to July 8th and only during the hours of 12:00 pm (noon) to 10:00 pm on those specified days from June 1st to the Saturday after 4th of July; **December 30th of each year from the hours of 4:00 pm to 10:00 pm; and December 31st of each year starting at 4:00 pm through January 1st ending at 12:30 am.**

A person shall not use, explode or discharge Consumer fireworks on real property other than that person’s real property or on the real property of a person who has consented to the use of consumer firework on that property. A person shall not use, explode or discharge Consumer fireworks on publicly owned property, included but not limited to, City streets and parks, except as specifically authorized by permit issued pursuant to the City of Slater Code. A person that chooses to use, explode or discharge Consumer fireworks on their property shall have responsibility to clean up all debris created by the fireworks.

The City may, upon application in writing, grant a permit for the display of fireworks by a City agency, fair associations, amusement parks and other organizations or groups of individuals approved by City authorities when such fireworks display will be handled by a competent, trained, and insured operator. No permit shall be granted hereunder unless the operator or sponsoring organization has filed proof of such training and insurance.

Any person in violation of this Ordinance shall be fined \$150.00 per incident.



THIRD ANNUAL CONCERT ON THE PORCH

WHERE: 401 MARSHALL STREET, SLATER

WHEN: JULY 3RD, 7-9:30 PM

WHO: **GET OFF MY LAWN**

FEATURING CLASSIC '60-'70 ROCK

WHY: ALL FREEWILL DONATIONS WILL
BENEFIT THE NEW SLATER LIBRARY

BRING A LAWN CHAIR, A BEVERAGE, AND YOUR
WALLET! ENJOY LIVE MUSIC, MEET WITH
FRIENDS, PLAY SOME BAGS, AND INVEST IN THE
FUTURE OF THE SLATER PUBLIC LIBRARY.

WE HOPE TO SEE YOU THERE!

[CHECK OUT GET OFF MY LAWN ON FACEBOOK](#)



**A Big Thank You to the Slater Community
for supporting our annual Plant Sale!**



HERITAGE HALL MUSEUM

OPEN

JULY 4TH

11-2:30 p.m.

318 First Avenue

**The Slater Area Historical
Association**

Free to the Public

Kids Welcome



SLATER MAIN STREET MARKETPLACE



EVERY
TUESDAY

JUNE 4 - AUGUST 6
6:00 PM - 9:00 PM

11 VENDORS

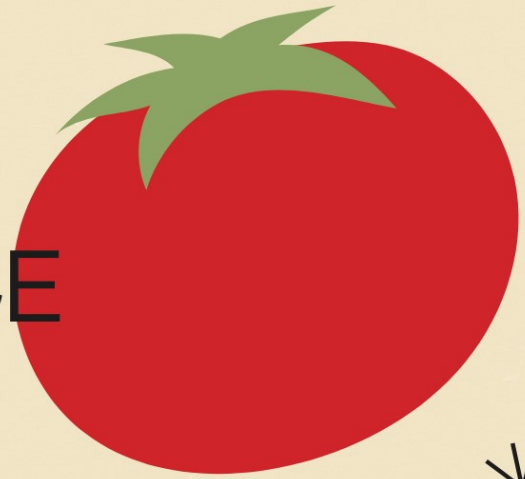
INCLUDING WEEKLY
BANDS & WEINIE
WONDERLAND &
SMOKE SHACK FOOD
TRUCK

405 MAIN ST

SOME SEATING
AVAILABLE OR
BRING A CHAIR



SLATER MAIN STREET MARKETPLACE



VENDOR LIST

- TASTEFULLY SIMPLE
- JONES SMELL GOODS
- OFF THE HOOK CREATIONS
- PALEK STUDIO
- STITCHES OF HOPE
- MIDDLE HEART HOMESTEAD
- COTTONWOOD CORNER ACRES
- COOKIES BY KALI
- XANDRA'S BRAND
- TUPPMANIA W/ MICHELE
- CARA'S JEWELRY CREATIONS



FOOD TRUCK

- WEINIE WONDERLAND &
SMOKE SHACK



MUSIC/BANDS

- 6/4 - MIKE ACETO
- 6/11 - ZACHARY FREEDOM
- 6/18 - LUKE FOX
- 6/25 - PAUL MICHAEL DAVIS
- 7/9 - RYNE DOUGHTY
- 7/16 - DUELING PIANOS
- 7/23 - DANNY GRAUSE
- 7/30 - GRASS RUN BAND
- 8/6 - THE KRAFT BROTHERS



CITY OF SLATER



ADULT LAP SWIM 5:30AM - 7:00 AM

REGULAR POOL HOURS OPEN DAILY

12:00-7:00 PM

UPCOMING DATES CLOSED

JUNE 22 - ALL DAY

JULY 3 - CLOSING @ 4PM

JULY 4 - ALL DAY

SWIM LESSONS: Session 2: July 8-19 (9am, 10am, or 11am)

Session 3: July 29-Aug 9 (6:10pm-7:00 or 7:10pm-8:00)

LAST DAY POOL IS OPEN: Aug. 18th



SPL'S

WILD about reading!



June/July 2024

105 N Tama 515-228-3558 www.slaterlibrary.org
Hours: M-TH 10 a.m.-7 p.m., Fri. 10 a.m.-5 p.m., Sat. 10 a.m.-noon

Book Club

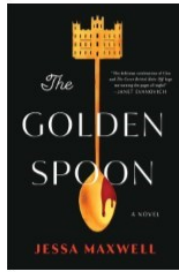
The July selection is *The Golden Spoon* by Jessa Maxwell. Discussion will be on Thursday, July 25 at 10 AM

Overview: For six amateur bakers, competing in Bake Week is a dream come true.

When they arrive at Grafton Manor to compete, they're ready to do whatever it takes to win the ultimate The Golden Spoon.

But for the show's famous host, Betsy Martin, Bake Week is more than just a competition. Grafton Manor is her family's home and legacy - and Bake Week is her life's work. It's imperative that both continue to succeed.

But as the competition commences, things begin to go awry. At first, it's small acts of sabotage. Someone switching sugar for salt. A hob turned far too high. But when a body is discovered, it's clear that for someone in the competition, The Golden Spoon is a prize worth killing for...



Children's Farmer's Market

Please join us, Monday, July 8 from 5:00-6:30 PM as we support our community's young entrepreneurs at our Children's Farmers Market. Pos-

sible items for sale would be: snack mixes, lemonade, sweets, crafts, flowers, vegetables, jewelry, and so much more! Story County Raising Readers will be here as well to pass out a free book to every child who participates or attends.

If your child(ren) is interested in signing up to have a stand at the market, please go to our website for the registration form with additional information. Sign up by June 20 to participate.

Patriotic Pinwheels

Join us at Nelson Park, Wednesday, July 3 from 5-7 PM, to make a patriotic pinwheel for the 4th of July! One per person, while supplies last.



Programs

Coffee - Fridays, 10 AM

BYO-Art Adventures - June 12, 26 & July 10, 24, 5-7 PM

Exercise within Reach - Friday, June 14, 10 AM

Zoo to You - Monday, June 17, 5:30 PM

Mahjong - Monday, June 24 & July 22, 6-8 PM

Storytime with Coach Sloth - Monday, June 24, 5:30 PM

Pinwheels at Nelson Park - Wed., July 3, 5-7:00 PM

Children's Farmer Market - Mon., July 8, 5-6:30 PM

Crazy Cat People Party- Thursday, July 18, 5-6:30 PM

Book Club - Thursday, July 25, 10 PM

CLOSING EARLY July 3 at 4 PM

CLOSED July 4

Summer Reading



This summer SPL is going Wild About Reading! We had a great kick-off and we are excited for our many programs for all ages. Some programs are filled, but everyone is welcome to join us on Thursdays for our special speakers/events.

There are also several evening programs geared towards the whole family.

To get more details about our programs, please visit our website for more details and to register.

Thursday Performers

Join us at Nelson Park for these fun educational programs. Registration available on our website.

June 20 - Michael Bechtel - Reptile Program at 9:30 & 11 AM

June 27 - Fonziba Koster - African Drumming at 10 AM

July 11 - Water Fights with the Slater Fire Dept. at 10 AM

July 18 - Tim Read - Illustrator at 10 AM

Upcoming Fundraisers

Be sure to look for information regarding upcoming fundraisers for the library and community center building project.

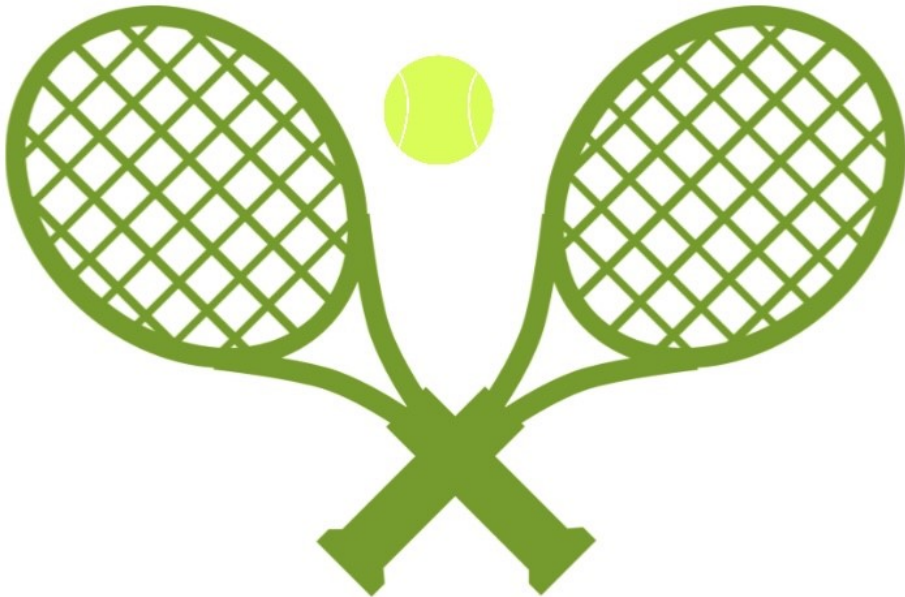
Mark you calendars for:

Evy and David Raes' 3rd Annual Concert on the Porch featuring the band *Get off my Lawn* with classic '60-'70 Rock—**July 3, 7-9:30 PM**; Freewill Donation

Trivia at the Park—**July 4th at 4 PM** at the Nelson Park Pavilion

Friends 2nd Annual Golf Tournament—Saturday, **August 24th; 9 AM** shotgun start; \$350 per foursome

Ballard Girls Tennis Host



Slater

TENNIS CAMP

JULY 8, 9, 10, & 11

8:30-9:00 (completed K-2nd) - \$20

9:15-10:00 (Beginner, completed 3rd-8th)- \$30

10:15-11:00 (Advanced, completed 3rd-8th) - \$30

OPEN TO BOYS AND GIRLS



Register at City Hall

Camp Location: Grimm Park

SLATER YOUTH TENNIS CAMP REGISTRATION

PARTICIPANT NAME: _____

BIRTHDATE: _____ GRADE ENTERING INTO FALL 2024: _____

PARENT/GUARDIAN NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

PHONE #: _____ EMAIL ADDRESS: _____

EMERGENCY CONTACT: (Other than yourself or spouse)

NAME: _____ PHONE #: _____

RELATION TO PARTICIPANT: _____

MEDICAL AND/OR OTHER CONDITIONS STAFF SHOULD BE AWARE OF?

MEDICAL INSURANCE CARRIER: _____

PARENT / GUARDIAN SIGNATURE / AUTHORIZATION FOR MEDICAL TREATMENT:

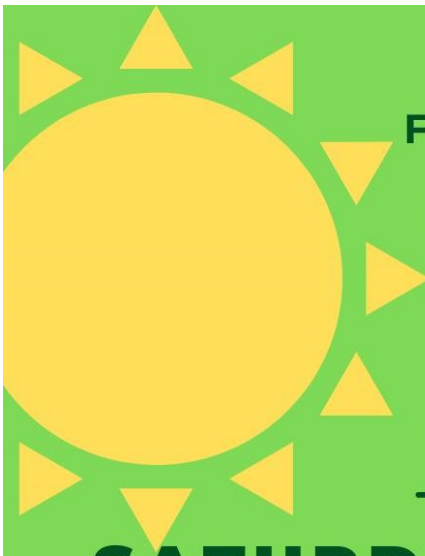
SIGNATURE: _____ DATE: _____

I / WE, THE PARENT / GUARDIAN OF THE ABOVE PARTICIPANT, GIVE MY / OUR PERMISSION TO PARTICIPATE IN SLATER YOUTH TENNIS CAMP AT GRIMM PARK. I / WE UNDERSTAND THAT THERE IS SOME INHERENT RISK INVOLVED WITH THIS ACTIVITY AND THAT NOT ALL INJURIES CAN BE PREVENTED. THEREFOR, I DO HEREBY WAIVE, RELEASE, AND AGREE NOT TO HOLD THE ORGANIZERS, SPONSORS, SUPERVISORS, CITY OF SLATER, EMPLOYEES OR OFFICIALS, OR ANY VOLUNTEERS LIABLE FOR ANY INJURIES THAT MAY OCCUR DURING THIS ACTIVITY.

SIGNATURE: _____ DATE: _____

----- For
office use only:

PAID: _____



FRIENDS OF THE SLATER PUBLIC LIBRARY

GOLF TOURNAMENT FUNDRAISER

AT BALLARD GOLF & COUNTRY CLUB

SATURDAY, AUGUST 24

18 Hole - 4 person - Best Shot
(Breakfast, Lunch & Cart included)

8-9 a.m. Check-In

9 a.m. Shotgun Start

Registration Fee \$350

Lunch Provided by BFab BBQ



All proceeds benefit the NEW Slater
Public Library & Community Center!



**PRE-REGISTRATION
REQUIRED**
(No Walk-ins)



Contact Lora Gibson
515-419-5574

Friends of
Slater Public
Library

Golf Cart Rules

ALLOWED

On Slater City Streets
During Daylight Hours

NOT ALLOWED

After Dark
In the Grass in the Parks
On Trails
On Sidewalks
On Hwy 210/6th Ave
On Linn/ R38

MUST HAVE TO DRIVE

Must Be 16 with Valid Driver's License
Slow Moving Vehicle Sign
Safety Flag

Friendly Reminder:

Please don't blow
grass clippings on the
street.



2023 WATER QUALITY REPORT FOR SLATER MUNI WATER DEPT

This report contains important information regarding the water quality in our water system. The source of our water is groundwater and groundwater under the influence of surface water. Some of the water is purchased. Purchased water comes from BOONE WATER WORKS. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	LRAA	70.00 (60 - 84)	12/31/2023	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	LRAA	23.00 (17 - 29)	09/30/2023	No	By-products of drinking water disinfection
Lead (ppb)	AL=15 (0)	90th	1.10 (ND - 3)	2022	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.515 (0.0086 - 0.706)	2022	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	2.4 (ND - 3.5)	12/31/2023	No	Water additive used to control microbes
Fluoride (ppm)	4 (4)	RAA	0.60 (0.500 - 0.600)	06/30/2023	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Nitrite [as N] (ppm)	1 (1)	SGL	0.420 (ND - 0.420)	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
03 - AFTER WTP AND XENIA (BOONE)						
Fluoride (ppm)	4 (4)	SGL	(.32-1.63)	2023	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Selenium (ppb)	50 (50)	SGL	1.60	10/18/2022	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Barium (ppm)	2 (2)	SGL	0.509	10/18/2022	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Arsenic (ppb)	10 (0)	SGL	1.00	10/18/2022	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronic production wastes
Sodium (ppm)	N/A (N/A)	SGL	196	10/10/2023	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	1.000	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [as N] (ppm)	1 (1)	SGL	0.570 (ND - 0.570)	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) -- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ppb -- parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND -- Not detected
- RAA – Running Annual Average
- Treatment Technique (TT) – A required process intended to reduce the level of a contaminant in drinking water.
- Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- SGL – Single Sample Result
- RTCR – Revised Total Coliform Rule
- NTU – Nephelometric Turbidity Units

GENERAL INFORMATION

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water posed a health risk. More information about contaminants or potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. SLATER MUNI WATER DEPT is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

ADDITIONAL HEALTH INFORMATION

Nitrite in drinking water at levels above 1 ppm is a health risk for infants of less than six months of age. High nitrite levels in drinking water can cause blue baby syndrome. Nitrite levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

SOURCE WATER ASSESSMENT INFORMATION

This water supply obtains its water from the buried sand and gravel of the Buried Sand and Gravel aquifer. The Buried Sand and Gravel aquifer was determined to have low susceptibility to contamination because the characteristics of the aquifer and overlying materials provide natural protection from contaminants at the land surface. The Buried Sand and Gravel wells will have low susceptibility to surface contaminants such as leaking underground storage tanks, contaminant spills, and excess fertilizer application.

A detailed evaluation of your source water was completed by the Iowa Department of Natural Resources, and is available from the Water Operator at 515-228-3339 .

This water supply obtains some or all of its water from another public water supply. It is a consecutive water supply, where an originating parent supply provides drinking water to one or more downstream supplies.

Original Supply ID	Original Supply Name
IA0819033	BOONE WATER WORKS

OTHER INFORMATION

Turbidity is an indicator of treatment filter performance and is regulated as a treatment technique.

CONTACT INFORMATION

For questions regarding this information or how you can get involved in decisions regarding the water system, please contact SLATER MUNI WATER DEPT at 515-228-3339.

PURCHASED WATER INFORMATION

Our water system purchases water from the system(s) shown below. Their water quality is as follows:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
0819033 - BOONE WATER WORKS						
01 - WLS #12,13,16,19-29 AFTR TRTMNT						
Fluoride (ppm)	4 (4)	SGL	0.57	09/18/2023	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	30	09/18/2023	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	3.8 (ND - 3.8)	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Dalapon (ppb)	200 (200)	SGL	0.60	10/04/2021	No	Runoff from herbicide used on rights of way
Turbidity (NTU)	N/A (N/A)	TT	Enter highest single measurement and the lowest monthly percentage of samples meeting turbidity limits here.			Soil runoff

2023 WATER QUALITY REPORT FOR Xenia Rural Water District – Boone System

This report contains important information regarding the water quality in our water system. All water provided by Xenia Rural Water District in this system is purchased from Boone Water Works. The source of Boone's water is groundwater and groundwater under the influence of surface water. Our water quality testing shows the following results:

Xenia Rural Water Districts Water Quality Results:

CONTAMINANT	MCLG	MCL	DETECTED LEVEL	DATE SAMPLED	RANGE OF DETECTION	VIOLATION	SOURCE
Chlorine (ppm) Boone (east) 950	MRDLG =4.0	MRDL=4.0	2.6	12/31/2023 RAA	1.6 – 3.0	No	Water additive used to control microbes
Chlorine (ppm) Boone (west) 952	MRDLG =4.0	MRDL=4.0	1.1	12/31/2023 RAA	0.86 – 1.25	No	Water additive used to control microbes
Lead (ppb)	0	AL=15	0.00 90 th	2022	ND – 9	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	1.3	AL=1.3	0.0133 90 th	2022	ND – 0.0278	No	Corrosion of household plumbing systems; Erosion of natural deposits
TTHM (ppb) [Total trihalomethanes] Boone Distribution (east) 950	N/A	80	76.7 LRAA	8/29/2023	59.2 – 96.2	No	By-products of drinking water disinfection
Haloacetic Acids (HAA5) (ppb) Boone Distribution (east) 950	N/A	60	21.9 LRAA	2/2/2023	15.1 – 18.1	No	By-products of drinking water disinfection
TTHM (ppb) [Total trihalomethanes] Boone Distribution (west) 952	N/A	80	87.8 LRAA	8/29/2023	59.6 - 109	Yes	By-products of drinking water disinfection
Haloacetic Acids (HAA5) (ppb) Boone Distribution (west) 952	N/A	60	24.8 LRAA	2/2/2023	18.4 – 24.8	No	By-products of drinking water disinfection

Water Quality Results Provided by Boone Waterworks (Supply ID ia0819033)

CONTAMINANT	MCLG	MCL	DETECTED LEVEL	DATE SAMPLED	RANGE OF DETECTION	VIOLATION	SOURCE
Turbidity (NTU)	N/A	TT	0.12 100% met requirements	2023	0.02 – 0.12	No	Soil runoff
Fluoride (ppm)	4	4	0.57	2023	0.49 – 1.10	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Nitrate [as N] (ppm)	10	10	3.8	2023	ND – 3.8	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Dalapon (ppb)	200	200	0.60	10/04/2021	N/A	No	Runoff from herbicide used on rights of way
Sodium (ppm)	N/A	N/A	30	9/18/2023	N/A	No	Erosion of natural deposits; Added to water during treatment process
Total Organic Carbon (TOC) (ppm)	N/A	TT	% Removal Range 12 – 38	2023	% Removal Required 15	No	Naturally present in the environment

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

The city of Boone participated in the EPA Unregulated Contaminant Monitoring Rule 5 (UCMR5), which included samples for Lithium and PFAS. There were no PFAS compounds detected in the water. Lithium levels were:

Lithium (ug/L) 11 – 58

Contaminant Violation

Violation Type	Contaminant	Begin Date	End Date
Our water system violated a drinking water standard for Total Trihalomethanes (TTHM). Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.			
MCL(Chem-Rad), Average	Total Trihalomethanes (TTHM)	7/01/2023	9/30/2023

DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) -- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ppb -- parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND – Not Detected
- RAA – Running Annual Average
- LRAA – Locational Running Annual Average
- Treatment Technique (TT) – A required process intended to reduce the level of a contaminant in drinking water.
- Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- SGL – Single Sample Result
- RTCR – Revised Total Coliform Rule
- NTU – Nephelometric Turbidity Units

GENERAL INFORMATION

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water posed a health risk. More information about contaminants or potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Xenia Rural Water District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

SOURCE WATER ASSESSMENT INFORMATION

This water supply obtains some or all of its water from another public water supply. It is a consecutive water supply, where an originating parent supply provides drinking water to one or more downstream supplies.

Original Supply ID	Original Supply Name
IA0819033	Boone Water Works

This water supply obtains water from one or more surface waters. Surface water sources are susceptible to sources of contamination within the drainage basin.

Surface Water Name	Susceptibility
Des Moines river	High

OTHER INFORMATION

Turbidity is an indicator of treatment filter performance and is regulated as a treatment technique.

Our water utility is making every effort to protect the water system from potential security threats. You, as customers, can also help. If you see any suspicious activity near the water tower, pump stations, meter vaults, treatment plant, wells or fire hydrants, please contact us at 1-888-355-2619 or the local police/sheriff department. We appreciate your assistance in protecting the water system.

CONTACT INFORMATION

For questions regarding this information, please contact Dominic Hayden (Treatment Manager) at 1-888-355-2619 during the following hours: 8am-4:30pm Monday thru Friday or attend any of the regular monthly board meetings typically held on Thursday of the third full week of the month.



City of Slater

PO Box 538

Slater, Iowa 50244

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