



City Of
BOONVILLE

City of Boonville

November 20, 2023

7:00 PM

City Council Chambers

525 E. Spring Street

Boonville MO 65233

Meeting Live streamed <https://www.youtube.com/user/cityofboonvillemo> & Channel 3 with Suddenlink Cable TV

I. Call to order – Pledge and Prayer

A. Susan Meadows

II. Roll Call

III. Hearing of Citizens' Comments

IV. Approval of Minutes

A. November 6 council minutes

V. Consent Items

A. Consider Pay Request No. 2 from Midstate Pipeline in the amount of **\$84,654.07** for Sanitary Sewer Improvements 2023.

B. Consider Change Order No. 4 from Midstate Pipeline Maintenance in the amount of **<\$5436.77>** for Sanitary Sewer Improvements 2023.

C. Consider Change Order No. 1 from C&S Companies in the amount of **<\$0.00>** for Highway 87 Waterline Extension.

VI. Presentation of Accounts and Claims

A. Appropriations

VII. Unfinished Business

A. Second Reading of Bill No. 2023-030 Approving an Agreement with Missouri Highways and Transportation Commission for Highway 5 Sidewalk Project Phase 1

VIII. New Business

IX. Reports of Standing Committees

A. Boonville Housing Authority

B. Planning and Zoning Commission (Cancelled)

X. Reports of City Officials

XI. Miscellaneous

XII. Adjourn

- Alliance Water

NOTICE: The City of Boonville will comply with the Americans with Disabilities Act (ADA). Individuals who require an accommodation due to disability to attend this meeting should contact our office at (660) 882-2332 or Relay Missouri, 1-800-735-2966 TTY at least 48 hours in advance.



November 6, 2023

7:00 PM

**City Council Chambers
525 E. Spring Street
Boonville MO 65233**

I. Call to order – Pledge and Prayer

A. Steve Young

Call to order – Pledge and Prayer The Boonville City Council met in Regular Session on November 6, 2023, at 7:00 p.m. in the Council Chambers located at 525 East Spring Street, Boonville, Missouri. The following officers were present; Ned Beach, Mayor Kate Fjell, City Administrator; Amber Davis, City Clerk; and Randy Ayers, Sergeant at Arms. Interim City Counselor, Doug Abele was absent. The meeting was called to order. Steve Young led the prayer, after the pledge of allegiance.

II. Roll Call

The following Council representatives were present: Whitney Venable, Drew Davis, Steve Young, Susan Meadows, Andrew Cowherd, Sy Harvell, and Barry Elbert, Council representative Brad Atkinson was absent.

III. Hearing of Citizens' Comments

None

IV. Approval of Minutes

A. October 16 council minutes

The minutes stand as submitted

V. Consent Items

A. Consider Pay Request No. 1- Final to Frech Paving in the amount of \$185,379.85 for Roadway Improvements 2023.

Mr. Venable moved and Mr. Davis seconded the motion to approve the consent items. Roll call was taken. Ayes Young, Meadows, Cowherd, Harvell, Elbert, Venable, and Davis. Total (7) Opposed: None (0). Absent: Brad Atkinson (1).

VI. Presentation of Accounts and Claims

A. Appropriations

Ms. Davis read the ordinance appropriating money, in its entirety, and a second time, by title only, since a copy of the ordinance had been made available prior to the meeting. Ms. Meadows moved and Mr. Harvell seconded the motion to approve the ordinance appropriating money.

Roll call was taken. Ayes Young, Meadows, Cowherd, Harvell, Elbert, Venable, and Davis.
Total (7) Opposed: None (0). Absent: Brad Atkinson (1).

VII. Unfinished Business

A. Second Reading of Bill No. 2023-029 Approving a Final Site Plan for 5 Star Truck Wash

Mr. Venable moved and Mr. Cowherd seconded the motion to approve the bill.

Roll call was taken. Ayes Young, Meadows, Cowherd, Harvell, Elbert, Venable, and Davis.
Total (7) Opposed: None (0). Absent: Brad Atkinson (1).

VIII. New Business

A. First Reading of Bill No. 2023-30 Approving an Agreement with Missouri Highways and Transportation Commission for Highway 5 Sidewalk Project Phase 1

Ms. Davis read, by title only, a copy of the bill

IX. Reports of Standing Committees

A. Street, Alley and Sanitation Board

Minutes are in the packet

B. Board of Public Works

Minutes are in the packet

C. Police Board

Cancelled

X. Reports of City Officials

A. City Administrator

Ms. Fjell stated there would be a public meeting on December 4th at 7:00 regarding cleanup alternatives for A&D Barraks at Kemper.

B. Mayor

- Committee Appointment

Mr. Venable moved and Mr. Cowhred seconded the motion to approve the committee appointment for the Historic Preservation Committee.

Roll call was taken. Ayes Young, Meadows, Cowherd, Harvell, Elbert, Venable, and Davis.
Total (7) Opposed: None (0). Absent: Brad Atkinson (1).

C. City Clerk

None

XI. Miscellaneous

None

XII. Adjourn

With no further discussion, Mr. Young moved, and Mr. Venable seconded the motion to Adjourn at 7:08 p.m. and the voice vote was unanimous.

APPLICATION AND CERTIFICATE FOR PAYMENT (PAY ESTIMATE)

Original 1 of 6
Page 1 of 2

ENGINEER: Mecco Engineering Co., Inc.

CONTRACTOR: Midstate Pipeline Maintenance LLC

APPLICATION NO: 2

PROJECT NO: 454-298 Sanitary Sewer System Improvement 2023

OWNER: City of Boonville

APPLICATION DATE: 6-Nov-23

PERIOD FROM: 8/16/23 - 10/19/23

ORIGINAL CONTRACT SUM:

NET CHANGE BY CHANGE ORDERS:

CONTRACT SUM TO DATE:

TOTAL COMPLETED & STORED TO DATE:

RETAINAGE 5%:

TOTAL EARNED LESS RETAINAGE:

LESS PREVIOUS CERTIFICATES OF PAYMENT:

CURRENT PAYMENT DUE:

CONTRACT TIME LIMIT DATE:

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

BY: [Signature]

DATE: 10/6/23

\$277,360.00

-\$5,436.77

\$271,923.23

\$271,923.23

\$13,596.16

\$258,327.07

\$173,673.00

\$84,654.07

November 14, 2023

OWNER:

BY: [Signature]



2701 INDUSTRIAL DRIVE
JEFFERSON CITY, MO 65109

ENGINEER:
BY: [Signature]
MECO ENGINEERING COMPANY, INC.
ENGINEERS • SURVEYORS

(573)893-5558

ORDER NO.	DATE APPROVED	ADDITIONS	DEDUCTIONS
1	07/14/23	\$0.00	\$0.00
2	09/05/23	\$0.00	\$0.00
3	09/14/23	\$0.00	\$0.00
4	11/06/23		-\$5,436.77
TOTALS		\$0.00	-\$5,436.77

NET CHANGE BY CHANGE ORDERS: -\$5,436.77

In accordance with the Contract Documents, based on site observations and the data comprising this application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED OF \$ \$84,654.07 (Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

Pay Estimate No.1 Sanitary Sewer System

Item No	Description	Contract Quantity	Unit	Price	Total	In Place Prev. Pay App	Installed This Period	\$ Installed This Pay App	Total in Place	Left to Finish	Unit
1	Mobilization	1	LS	\$ 30,500.00	\$ 30,500.00	0.75	0.25	\$7,625.00	\$30,500.00	0.00	LS
2	Traffic Control & Construction Signage	1	LS	\$ 12,000.00	\$ 12,000.00	0.75	0.25	\$3,000.00	\$12,000.00	0.00	LS
3	48" Manhole Std. Frame & Lid Only in Concrete Pavement (CO #2)	8	EA	\$ 3,282.00	\$ 26,256.00	8	0	\$0.00	\$26,256.00	0	EA
4	48" Manhole Std. Frame & Lid Only in Earth (CO #1)	13	EA	\$ 2,844.00	\$ 36,972.00	13	0	\$0.00	\$36,972.00	0	EA
5	Precast Concrete Grade Ring (CO #2)	5	EA	\$ 174.00	\$ 870.00	5	0	\$0.00	\$870.00	0	EA
6	CIPP Line 8" Clay Pipe (CO #1)	875	LF	\$ 54.00	\$ 47,250.00	875	0	\$0.00	\$47,250.00	0	LF
7	Re-Establishing the Service Line (CO #2, CO #3)	10	EA	\$ 288.00	\$ 2,880.00	10	0	\$0.00	\$2,880.00	0	EA
8	Construct Flat Top for Manhole	1	EA	\$ 3,222.00	\$ 3,222.00	1	0	\$0.00	\$3,222.00	0	EA
9	Lining Manholes (CO #1, CO #2)	236.3	VLF	\$ 300.00	\$ 70,890.00	130.7	105.6	\$31,680.00	\$70,890.00	0.0	VLF
10	Fertilizing, Seeding, Mulching	1	LS	\$ 4,200.00	\$ 4,200.00	1	0	\$0.00	\$4,200.00	0	LS
11	Contingency (CO #1, CO #2, CO #3)	1	LS	\$ 5,436.77	\$ 5,436.77	0	0	\$0.00	\$0.00	1	LS
12	12" Concrete Grade Ring (CO #1)	1	EA	\$ 235.00	\$ 235.00	1	0	\$0.00	\$235.00	0	EA
13	48" Standard Manhole Replacement (CO #2)	1	LS	\$ 36,648.23	\$ 36,648.23	0	1	\$36,648.23	\$36,648.23	0	LS

Contract Total \$ 277,360.00

\$78,953.23 \$271,923.23

CONTRACT CHANGE ORDER SECTION 00941

Change Order No. 4
Project No. 454-298

Sheet 1 of 6
Original

Recommended: MECO Engineering Co., Inc. (Engineer) To: Midstate Pipeline Maintenance LLC (Contractor) From: City of Boonville (Owner)

You are hereby directed to make the following changes:

I. Reason for change and effect on completion time (if any):

The rest of the contingency goes back to the City of Boonville

II. Cost of work affected by this Change Order:

Item No.	Item Description	Bid Amount			Previous Change Orders			This Change Order		Revised Contract
		Quantity/Units	Unit Price	Value	C.O. #	Quantity Changed	Increase Qty. Decrease Qty.	Amount Added or Deducted	Quantity/Unit	
11	Contingency	1 LS	20,000.00	\$20,000.00	1, 2	-\$14,563.23	Increase Qty.	-\$5,436.77	\$0.00	
Total This Sheet:								(\$5,436.77)		

1. Original Contract Amount: \$277,360.00
2. Add or Deduct This Order Totals: (\$5,436.77)
3. Add or Deduct Previous: \$0.00
4. Total Add or Deduct to Date (2+3): (\$5,436.77)
5. Revised Contract Amount (1+4): \$271,923.23

Recommended: MECO Engineering Company 11/10/23 Date
 Ordered: Owner 11/10/23 Date
 Accepted: Contractor 10/31/23 Date

**CONTRACT CHANGE ORDER
SECTION 00941**

Change Order No. 1
Project No. 454-256
Project: Highway Waterline Extension 2023
Recommended: MECO Engineering Co., Inc.
(Engineer)

Sheet of
Original _ of 6

To: C & S Companies Inc.
(Contractor)

From: City of Boonville MO
(Owner)

You are hereby directed to make the following changes:

I. Reason for change and effect on completion time (if any):

- Line item: 1 the City of Boonville decided to shorten the 12" line on the north side of 87 along the golf course because the irrigation was getting to close and the county waterline was getting to close to the proposed waterline.
Line item: 6 the City of Boonville decided that a bore across Doyes Branch would be less maintenance for the future instead of a open cut ditch with fittings.
Line item: 12 the City of Boonville decided that a bore across Doyes Branch would be less maintenance for the future instead of a open cut ditch with fittings.
Line item: 13 the City of Boonville decided that a bore across Doyes Branch would be less maintenance for the future instead of a open cut ditch with fittings.
Line item: 18 the City of Boonville has decided to let C&S Construction install the waterline from Pearre Lane moving east and the Airport Road moving north instead of the City of Boonville installing the waterline.
Line item: 19 we deducted 535 ft since we are shortening the line north of Hwy 87 with the 12" and the 8" moving across Robb Court and adding Pearre Lane moving north.
Line item: 22 the City of Boonville decided to shorten the 8" line moving across Robb Court so 24 linear ft of granular will be deducted however we added Pearre Lane and will be moving across the golf course entrance 38 linear ft.
Line item: 23 the city has decided to shorten the 8" line across Robb Court so asphalt repair will be deducted.
Line item: 25 we deducted 88 ft since we are shortening the 8" line moving across Robb Court and adding Pearre Lane moving north 1332 ft.
Line item: 28 contingency deduction below for the additions and deductions
Line item: 29 the City of Boonville decided that a bore across Doyes Branch would be less maintenance for the future instead of a open cut ditch with fittings.
Line item: 30 the City of Boonville has decided to let C&S Construction install the waterline next to the Airport Road moving north instead of the City of Boonville installing the waterline.
Line item: 31 the City of Boonville has decided to let C&S Construction install the waterline from Pearre Lane moving east and the Airport Road moving north instead of the City of Boonville installing the waterline.
Line item: 32 the City of Boonville has decided to let C&S Construction install the waterline from Pearre Lane moving east and the Airport Road moving north instead of the City of Boonville installing the waterline.

II. Cost of work affected by this Change Order:

Item No.	Item Description	Bid Amount			Previous Change Orders			This Change Order			Revised Contract		
		Quantity/Units	Unit Price	Value	C.O. #	Quantity Changed	Increase Qty. Decrease Qty.	Amount Added or Deducted	Quantity/Unit				
1	12" PVC Class 200 Waterline	10,460 LF	\$	\$547,581.00			-352 LF	-\$18,427.20	10,108 LF				
6	Doyes Branch Creek Crossing (Open-Cut) 12" PCV Class 200 Yellowmine Restrained Joint Carrier Pipe	95 LF	\$	\$11,590.00			-85 LF	-\$11,590.00	0 LF				
12	12" - 22.5" Bend with Thrust Block	7 EA	\$	\$10,500.00			-3 EA	-\$4,500.00	4 EA				
13	12" - 11.25" Bend with Thrust Block	3 EA	\$	\$4,200.00			-1 EA	-\$1,400.00	2 EA				
18	Fire Hydrant Assembly	3 EA	\$	\$8,920.00			6 EA	\$53,520.00	9 EA				
19	#12 AWG Solid Copper Clad Steel Locate Wire w/ 0.030" HDPE Blue Insulation	18,370 LF	\$	\$26,760.00			1,527 LF	\$335.94	19,897 LF				
22	Compacted Full Depth Granular Backfill (All Driveways and Streets)	400 LF	\$	\$4,041.40			12 LF	\$300.00	412 LF				
23	Asphalt Driveway / Street Repair	25 SY	\$	\$7,500.00			-8 SY	-\$2,400.00	17 SY				
25	8" PVC Class 200 Waterline	120 SY	\$	\$4,800.00			1,974 SY	\$78,960.00	2,094 SY				
28	Contingency	1 LS	\$	\$150,000.00			-0.88 LS	-\$131,998.74	1 LS				
29	Doyes Branch Creek Crossing (Bore) 12" PCV Class 200 Yellowmine Restrained Joint Carrier Pipe	LF	\$	\$0.00			200 LF	\$24,000.00	200 LF				
30	8" - 80" Bend with Thrust Block	EA	\$	\$0.00			2 EA	\$2,400.00	2 EA				
31	8" R.J. Coupling	EA	\$	\$0.00			2 EA	\$1,800.00	2 EA				
32	8" x 6" TEE With Thrust Block	EA	\$	\$0.00			6 EA	\$9,000.00	6 EA				
Total This Sheet											\$0.00		

- Original Contract Amount:
- Add or Deduct This Order Totals:
- Add or Deduct Previous:
(Line 4 of previous order)
- Total Add or Deduct to Date (2+3):
- Revised Contract Amount (1+4):

\$0.00
\$0.00
\$1,585,155.40

Recommended: Engineer - MECO Engineering Company

Date

Ordered: Owner

Date

Accepted: Contractor

Date

Change Order is subject to all provisions of the Contract Documents and is not in effect unless signed by all parties.

ORDINANCE APPROPRIATING MONEY

Be it Ordained by the Council of the City of Boonville as follows:

Section 1: For the purpose of paying salaries and various accounts against the City of Boonville, which have been allowed by the Council, at the regular meeting thereof on **November 20, 2023** the sum of **\$540,920.20**

General Fund	\$242,397.06
Sanitation	\$27,037.85
CIP Tax	\$45,128.75
Water Works	\$120,254.45
Capital Projects	\$1,844.55
Waste Water	\$91,646.25
Tourism	\$5,698.96
Gaming	\$5,950.00
Parks/Water	\$962.33
Kemper Sales Tax	\$0.00
Economic Development Projects	\$0.00

Section 2: The Accountant is hereby authorized and instructed to draw checks on the respective City bank accounts, in favor of the persons whose salaries and accounts have been allowed as above, amounting to **\$540,920.20** being the total amount of money above appropriated.

Section 3: This ordinance shall take effect and be in force from and after its passage. First reading on **November 20, 2023** read for the second time this **November 20, 2023** since a copy was made available prior to the meeting.

Approved **November 20, 2023** _____
Mayor

Endorsed **November 20, 2023** : I hereby certify that a sufficient sum of money stands to the credit of the City, unappropriated, in the various funds to meet the requirements of this ordinance.

Accountant

AN ORDINANCE OF THE CITY OF BOONVILLE, MISSOURI AUTHORIZING EXECUTION OF A TRANSPORTATION ALTERNATIVES PROGRAM AGREEMENT BY AND BETWEEN THE CITY OF BOONVILLE, MISSOURI AND THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION; PROVIDING AN EFFECTIVE DATE THEREFORE AND REPEALING ALL ORDINANCES IN CONFLICT WITH THIS ORDINANCE

WHEREAS, the City of Boonville was selected to receive funding for Phase 1 of the Highway 5 (Ashley Road) Sidewalk Project

WHEREAS, the City desires to provide safe routes for pedestrians near the high school, convenience stores and hotels in this project areas; and

WHEREAS, the City approved Resolution R2023-12 on August 7, 2023 authorizing the application of Phase 1 of the Hwy 5 (Ashley Road) Sidewalk Project to the Missouri Highways Transportation Commission for consideration; and

WHEREAS, the City of Boonville desires to initiate a project utilizing these TAP funds by entering into a program agreement.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BOONVILLE, MISSOURI, AS FOLLOWS:

SECTION 1: That the City of Boonville, Missouri shall accept and execute the Transportation Alternatives Program Agreement, a copy of which is marked “**Exhibit A**” and is attached hereto and made a part hereof, with the Missouri Highways and Transportation Commission for certain sidewalk improvements.

SECTION 3: That the City Administrator is hereby authorized to execute said Agreement on behalf of the City of Boonville, Missouri, and the City Clerk is hereby authorized and directed to impress thereon the official seal of the City, and to attest said execution.

SECTION 4: This ordinance shall take effect and be in force following approval by the City Council.

SECTION 5: All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

FIRST READING: November 5, 2023

READ FOR THE SECOND TIME AND PASSED ON THIS 19th DAY OF NOVEMBER 2023, AFTER A COPY OF THIS ORDINANCE HAS BEEN MADE AVAILABLE FOR PUBLIC INSPECTION PRIOR TO ITS FIRST READING.

Ned Beach, Mayor

APPROVED THIS 19th DAY OF NOVEMBER 2022

ATTEST:

Amber Davis, City Clerk

CCO Form: FS25
Approved: 04/95 (MGB)
Revised: 10/22 (MWH)
Modified:

CFDA Number: 20.205
CFDA Title: Highway Planning and Construction
Award name/number: TAP – 9901(5)
Award Year: FY 2024
Federal Agency: Federal Highway Administration, Department of Transportation

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
TRANSPORTATION ENHANCEMENTS FUNDS
PROGRAM AGREEMENT**

THIS AGREEMENT is entered into by the Missouri Highways and Transportation Commission (hereinafter, "Commission") and the City of Boonville (hereinafter, City).

WITNESSETH:

NOW, THEREFORE, in consideration of the mutual covenants, promises and representations in this Agreement, the parties agree as follows:

(1) PURPOSE: The United States Congress has authorized, in Infrastructure Investment and Jobs Act (IIJA); 23 U.S.C. §101, §106 §133; and §208 funds to be used for transportation enhancements activities. The purpose of this Agreement is to grant the use of such transportation enhancement funds to the City.

(2) LOCATION: The transportation enhancements funds which are the subject of this Agreement are for the project at the following location:

Sidewalk improvements on Ashley Road from Fuqua Drive to Northern H School Entrance

The general location of the project is shown on attachment marked "Exhibit A" and incorporated herein by reference.

(3) REASONABLE PROGRESS POLICY: The project as described in this agreement is subject to the reasonable progress policy set forth in the Local Public Agency (LPA) Manual. If the project is within a Transportation Management Area that has a reasonable progress policy in place, the project is subject to that policy. If the project is withdrawn for not meeting reasonable progress, the City agrees to repay the Commission for any progress payments made to the City for the project and agrees that the Commission may deduct progress payments made to the City from future payments to the City. The City may not be eligible for future Transportation Enhancements Funds

if the City does not meet the reasonable progress policy.

(4) INDEMNIFICATION:

(A) To the extent allowed or imposed by law, the City shall defend, indemnify and hold harmless the Commission, including its members and the Missouri Department of Transportation (MoDOT or Department) employees, from any claim or liability whether based on a claim for damages to real or personal property or to a person for any matter relating to or arising out of the City's wrongful or negligent performance of its obligations under this Agreement.

(B) The City will require any contractor procured by the City to work under this Agreement:

1. To obtain a no cost permit from the Commission's district engineer prior to working on the Commission's right-of-way, which shall be signed by an authorized contractor representative (a permit from the Commission's district engineer will not be required for work outside of the Commission's right-of-way); and

2. To carry commercial general liability insurance and commercial automobile liability insurance from a company authorized to issue insurance in Missouri, and to name the Commission, and MoDOT and its employees, as additional named insureds in amounts sufficient to cover the sovereign immunity limits for Missouri public entities as calculated by the Missouri Department of Insurance, Financial Institutions and Professional Registration, and published annually in the Missouri Register pursuant to Section 537.610, RSMo. The City shall cause insurer to increase the insurance amounts in accordance with those published annually in the Missouri Register pursuant to Section 537.610, RSMo.

(C) In no event shall the language of this Agreement constitute or be construed as a waiver or limitation for either party's rights or defenses with regard to each party's applicable sovereign, governmental, or official immunities and protections as provided by federal and state constitution or law.

(5) AMENDMENTS: Any change in this Agreement, whether by modification or supplementation, must be accomplished by a formal contract amendment signed and approved by the duly authorized representatives of the City and the Commission.

(6) COMMISSION REPRESENTATIVE: The Commission's District Engineer is designated as the Commission's representative for the purpose of administering the provisions of this Agreement. The Commission's representative may designate by written notice other persons having the authority to act on behalf of the Commission in furtherance of the performance of this Agreement.

(7) NONDISCRIMINATION ASSURANCE: With regard to work under this Agreement, the City agrees as follows:

(A) Civil Rights Statutes: The City shall comply with all state and federal statutes relating to nondiscrimination, including but not limited to Title VI and Title VII of the Civil Rights Act of 1964, as amended (42 U.S.C. §2000d and §2000e, *et seq.*), as well as any applicable titles of the "Americans with Disabilities Act" (42 U.S.C. §12101, *et seq.*). In addition, if the City is providing services or operating programs on behalf of the Department or the Commission, it shall comply with all applicable provisions of Title II of the "Americans with Disabilities Act".

(B) Administrative Rules: The City shall comply with the administrative rules of the United States Department of Transportation relative to nondiscrimination in federally-assisted programs of the United States Department of Transportation (49 C.F.R. Part 21) which are herein incorporated by reference and made part of this Agreement.

(C) Nondiscrimination: The City shall not discriminate on grounds of the race, color, religion, creed, sex, disability, national origin, age or ancestry of any individual in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The City shall not participate either directly or indirectly in the discrimination prohibited by 49 C.F.R. §21.5, including employment practices.

(D) Solicitations for Subcontracts, Including Procurements of Material and Equipment: These assurances concerning nondiscrimination also apply to subcontractors and suppliers of the City. These apply to all solicitations either by competitive bidding or negotiation made by the City for work to be performed under a subcontract including procurement of materials or equipment. Each potential subcontractor or supplier shall be notified by the City of the requirements of this Agreement relative to nondiscrimination on grounds of the race, color, religion, creed, sex, disability or national origin, age or ancestry of any individual.

(E) Information and Reports: The City shall provide all information and reports required by this Agreement, or orders and instructions issued pursuant thereto, and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Commission or the United States Department of Transportation to be necessary to ascertain compliance with other contracts, orders and instructions. Where any information required of the City is in the exclusive possession of another who fails or refuses to furnish this information, the City shall so certify to the Commission or the United States Department of Transportation as appropriate and shall set forth what efforts it has made to obtain the information.

(F) Sanctions for Noncompliance: In the event the City fails to comply with the nondiscrimination provisions of this Agreement, the Commission shall impose such contract sanctions as it or the United States Department of Transportation may determine to be appropriate, including but not limited to:

1. Withholding of payments under this Agreement until the City complies; and/or

2. Cancellation, termination or suspension of this Agreement, in whole or in part, or both.

(G) Incorporation of Provisions: The City shall include the provisions of paragraph (7) of this Agreement in every subcontract, including procurements of materials and leases of equipment, unless exempted by the statutes, executive order, administrative rules or instructions issued by the Commission or the United States Department of Transportation. The City will take such action with respect to any subcontract or procurement as the Commission or the United States Department of Transportation may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided that in the event the City becomes involved or is threatened with litigation with a subcontractor or supplier as a result of such direction, the City may request the United States to enter into such litigation to protect the interests of the United States.

(8) ASSIGNMENT: The City shall not assign, transfer or delegate any interest in this Agreement without the prior written consent of the Commission.

(9) LAW OF MISSOURI TO GOVERN: This Agreement shall be construed according to the laws of the State of Missouri. The City shall comply with all local, state and federal laws and regulations relating to the performance of this Agreement.

(10) CANCELLATION: The Commission may cancel this Agreement at any time for a material breach of contractual obligations by providing the City with written notice of cancellation. Should the Commission exercise its right to cancel this Agreement for such reasons, cancellation will become effective upon the date specified in the notice of cancellation sent to the City.

(11) ACCESS TO RECORDS: The City and its contractors must maintain all records relating to this Agreement, including but not limited to invoices, payrolls, etc. These records must be available at no charge to the Federal Highway Administration (FHWA) and the Commission and/or their designees or representatives during the period of this Agreement and any extension, and for a period of three (3) years after the date on which the City receives reimbursement of their final invoice from the Commission.

(12) FEDERAL-AID PROVISIONS: Because responsibility for the performance of all functions or work contemplated as part of this project is assumed by the City, and the City may elect to construct part of the improvement contemplated by this Agreement with its own forces, a copy of Section II and Section III, as contained in the United States Department of Transportation Form Federal Highway Administration (FHWA) 1273 "Required Contract Provisions, Federal-Aid Construction Contracts," is attached and made a part of this Agreement as Exhibit C. Wherever the term "the contractor" or words of similar import appear in these sections, the term "the City" is to be substituted. The City agrees to abide by and carry out the condition and obligations of "the contractor" as stated in Section II, Equal Opportunity, and Section III, Nonsegregated Facilities, as set

out in Form FHWA 1273.

(13) ACQUISITION OF RIGHT OF WAY: With respect to the acquisition of right of way necessary for the completion of the project, City shall acquire any additional necessary right of way required for this project and in doing so agrees that it will comply with all applicable federal laws, rules and regulations, including 42 U.S.C. 4601-4655, the Uniform Relocation Assistance and Real Property Acquisition Act, as amended and any regulations promulgated in connection with the Act.

(14) MAINTENANCE OF DEVELOPMENT: The City shall maintain the herein contemplated improvements without any cost or expense to the Commission. All maintenance by the City shall be done for the safety of the general public and the esthetics of the area. In addition, if any sidewalk or bike trails are constructed on the Commission's right-of-way pursuant to this Agreement, the City shall inspect and maintain the sidewalk or bike trails constructed by this project in a condition reasonably safe to the public and, to the extent allowed by law, shall indemnify and hold the Commission harmless from any claims arising from the construction and maintenance of said sidewalk or bike trails. If the City fails to maintain the herein contemplated improvements, the Commission or its representatives, at the Commission's sole discretion shall notify the City in writing of the City's failure to maintain the improvement. If the City continues to fail in maintaining the improvement, the Commission may remove the herein contemplated improvement whether or not the improvement is located on the Commission's right of way. Any removal by the Commission shall be at the sole cost and expense of the City. Maintenance includes but is not limited to mowing and trimming between shrubs and other plantings that are part of the improvement.

(15) PLANS: The City shall prepare preliminary and final plans and specifications for the herein improvements. The plans and specifications shall be submitted to the Commission for the Commission's review and approval. The Commission has the discretion to require changes to any plans and specifications prior to any approval by the Commission.

(16) REIMBURSEMENT: The cost of the contemplated improvements will be borne by the United States Government and by the City as follows:

(A) Any federal funds for project activities shall only be available for reimbursement of eligible costs which have been incurred by the City. Any costs incurred by the City prior to authorization from FHWA and notification to proceed from the Commission are **not** reimbursable costs. The federal share for this project will be 80 percent not to exceed two hundred eighty-five thousand seventy-four dollars (\$285,074.00). The calculated federal share for seeking federal reimbursement of participating costs for the herein improvements will be determined by dividing the total federal funds applied to the project by the total participating costs. Any costs for the herein improvements which exceed any federal reimbursement or are not eligible for federal reimbursement shall be the sole responsibility of the City. The Commission shall not be responsible for any costs associated with the herein improvement unless

specifically identified in this Agreement or subsequent written amendments.

(17) PROGRESS PAYMENTS: The City may request progress payments be made for the herein improvements as work progresses but not more than once every two weeks. Progress payments must be submitted monthly. The City shall repay any progress payments which involve ineligible costs.

(18) PROMPT PAYMENTS: Progress invoices submitted to MoDOT for reimbursement more than thirty (30) calendar days after the date of the vendor invoice shall also include documentation that the vendor was paid in full for the work identified in the progress invoice. Examples of proof of payment may include a letter or e-mail from the vendor, lien waiver or copies of cancelled checks. Reimbursement will not be made on these submittals until proof of payment is provided. Progress invoices submitted to MoDOT for reimbursement within thirty (30) calendar days of the date on the vendor invoice will be processed for reimbursement without proof of payment to the vendor. If the City has not paid the vendor prior to receiving reimbursement, the City must pay the vendor within two (2) business days of receipt of funds from MoDOT.

(19) PERMITS: The City shall secure any necessary approvals or permits from any federal or state agency as required for the completion of the herein improvements. If this improvement is on the right of way of the Commission, the City must secure a permit from the Commission prior to the start of any work on the right of way. The permits which may be required include, but are not limited to, environmental, architectural, historical or cultural requirements of federal or state law or regulation.

(20) INSPECTION OF IMPROVEMENTS AND RECORDS: The City shall assure that representatives of the Commission and FHWA shall have the privilege of inspecting and reviewing the work being done by the City's contractor and subcontractor on the herein project. The City shall also assure that its contractor, and all subcontractors, if any, maintain all books, documents, papers and other evidence pertaining to costs incurred in connection with the Transportation Enhancement Program Agreement, and make such materials available at such contractor's office at all reasonable times at no charge during this Agreement period, and for three (3) years from the date of final payment under this Agreement, for inspection by the Commission, FHWA or any authorized representatives of the Federal Government and the State of Missouri, and copies shall be furnished, upon request, to authorized representatives of the Commission, State, FHWA, or other Federal agencies.

(21) CREDIT FOR DONATIONS OF FUNDS, MATERIALS, OR SERVICES: A person may offer to donate funds, materials or services in connection with this project. Any donated funds, or the fair market value of any donated materials or services that are accepted and incorporated into this project shall be credited according to 23 U.S.C. §323.

(22) DISADVANTAGED BUSINESS ENTERPRISES (DBE): The Commission will advise the City of any required goals for participation by disadvantaged business enterprises (DBEs) to be included in the City's proposal for the work to be performed.

The City shall submit for Commission approval a DBE goal or plan. The City shall comply with the plan or goal that is approved by the Commission and all requirements of 49 C.F.R. Part 26, as amended.

(23) VENUE: It is agreed by the parties that any action at law, suit in equity, or other judicial proceeding to enforce or construe this Agreement, or regarding its alleged breach, shall be instituted only in the Circuit Court of Cole County, Missouri.

(24) NOTICE TO BIDDERS: The City shall notify the prospective bidders that disadvantaged business enterprises shall be afforded full and affirmative opportunity to submit bids in response to the invitation and will not be discriminated against on grounds of race, color, sex, or national origin in consideration for an award.

(25) FINAL AUDIT: The Commission may, in its sole discretion, perform a final audit of project costs. The United States Government shall reimburse the City, through the Commission, any monies due. The City shall refund any overpayments as determined by the final audit.

(26) AUDIT REQUIREMENTS: If the City expend(s) seven hundred fifty thousand dollars (\$750,000) or more in a year in federal financial assistance it is required to have an independent annual audit conducted in accordance with 2 CFR Part 200. A copy of the audit report shall be submitted to MoDOT within the earlier of thirty (30) days after receipt of the auditor's report(s), or nine (9) months after the end of the audit period. Subject to the requirements of 2 CFR Part 200, if the City expend(s) less than seven hundred fifty thousand dollars (\$750,000) a year, the City may be exempt from auditing requirements for that year but records must be available for review or audit by applicable state and federal authorities.

(27) FEDERAL FUNDING ACCOUNTABILITY AND TRANSPARENCY ACT OF 2006: The City shall comply with all reporting requirements of the Federal Funding Accountability and Transparency Act (FFATA) of 2006, as amended. This Agreement is subject to the award terms within 2 C.F.R. Part 170.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the parties have entered into this Agreement on the date last written below.

Executed by the City this _____.

Executed by the Commission this _____.

MISSOURI HIGHWAYS AND
TRANSPORTATION COMMISSION

City of Boonville

By _____

Title _____

Title _____

ATTEST:

Secretary to the Commission

ATTEST:

By _____

Approved as to Form:

Title _____

Approved as to Form:

Commission Counsel

Title: _____

Ordinance No: _____

Exhibit A - Location of Project

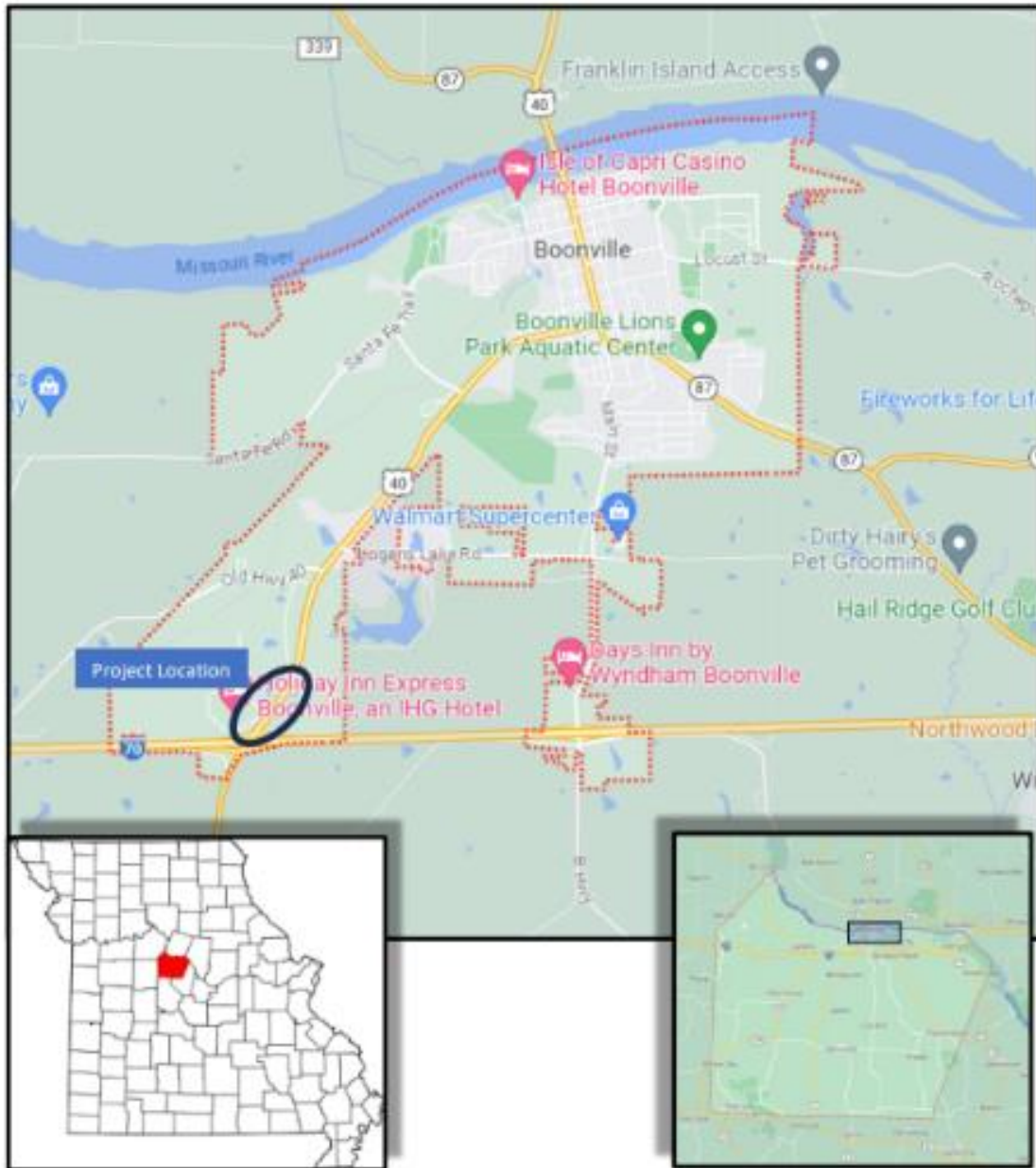


Exhibit B – Project Schedule

Project Description: **TAP 9901(5)**
Sidewalk improvements on Ashley Road from Fuqua Drive to Northern H School Entrance

Task	Date
Date funding is made available or allocated to the recipient	11/1/2023
Solicitation for Professional Engineering Services (advertised)	1/1/2024
Engineering Services Contract Approved	2/1/2024
Preliminary and Right-of-Way Plans Submittal (if Applicable)	11/1/2024
Plans, Specifications & Estimate (PS&E) Submittal	5/1/2025
Plans, Specifications & Estimate (PS&E) Approval	7/1/2025
Advertisement for Letting	8/1/2025
Bid Opening	9/1/2025
Construction Contract Award (REQUIRED)	10/1/2025

Schedule dates are approximate as the project schedule will be actively managed and issues mitigated through the project delivery process. The Award Date deliverable is **not approximate and a Supplemental Agreement is required to modify this date.

Exhibit C - Required Contract Provisions
Federal-Aid Construction Contracts



HOUSING AUTHORITY of the City of Boonville

506 Powell Ct. Office: 660-882-7332
Boonville, MO 65233-1521 Fax: 660-882-6811



MINUTES OF THE REGULAR MEETING OF THE HOUSING AUTHORITY OF THE CITY OF BOONVILLE, MO HELD ON November 8, 2023

On the 8th Day of November 2023 at 12:00 P.M. the Housing Authority Commissioners
met for a regular meeting at 506 Powell Court, Boonville, MO 65233

Present:	Chairperson, Marilyn Adkins	Vice Chair, Betty St. John
	Commissioner, Charles Green	Commissioner, Wayne Jones
	City Council Rep., Sy Harvell	Secretary, Robert Rorah
	Guest: Charlene Carter	Absent: Chrissy Stemmons

1. **Roll Call:** Marilyn Adkins asked if there is any pertinent information to discuss before the agenda is placed on the table. Hearing none and there being a quorum Chairperson, Marilyn Adkins called the meeting to order.

2. **Meeting Minutes:** Consideration was given, and discussion held on the draft minutes of the October 11, 2023 Regular Board Meeting. Betty St. John a motion to approve the minutes. Wayne Jones second. The motion passed.

3. **Bills and Communications:** Discussion was held, and consideration was given to the following. The UMB Bank Balance for November 8, 2023, was \$106,570.20. Bills Paid in October 2023 were reviewed. The Bank Reconciliation Statement, Operating Budget, Trial Balance, Board Summary Report from September 30, 2023, were discussed and reviewed.

4. **Report of the Secretary:** Consideration was given, and discussion was held on the following. PIC Report for October 31, 2023, was 100%. Project Performance Reports for September 2023 were reviewed. Tenant Occupancy was at 96% due to eviction through court process.

5. **Unfinished Business:** Discussion was held, and consideration given on the following. **a.** Hot Water heaters are complete with 40 new hot water heaters installed. **b.** All Commissioners present discussed and reviewed the HUD Mandatory 2024 Flat Rent and Utility Allowance Schedule. The new Flat Rents and Utility Allowances along with over income limits will go into effect on January 1, 2024. **c.** Mr. Rorah reported the Cooper County Assessors office has published the 2023 Tax Levy chart in preparation for the 2023 Payments in Lieu of Taxes (PILOT) to be made by the Housing Authority in the month of November 2023.

6. **New Business:** **a.** Small Rural Frozen Rolling Base (SR-FRB) engineers from Johnson Controls, Inc. were in Boonville on November 2, 2023, inspecting Housing Authority one-, two- and three-bedroom units as well as inspecting all land owned by the housing authority. This inspection is part of the Memorandum of Understanding (MOU) that will determine ways to fund the HVAC improvements for Boonville Housing Authority by means of Grants, Utility rebates and incentives, State and local incentives, IRA rebates and ITC funding opportunities. Mr. Tim Allen with Johnson Controls has recommended a Business Case Analysis Workshop (In person and Zoom) take place with the Housing Authority Board of Commissioners in late November or early December 2023. All Commissioners present agreed to attend if available. Sy Harvell requested a cost effectiveness analysis to be included in the workshop. Mr. Rorah will make the request for the cost effectiveness analysis and notify everyone once the Workshop dates have been determined.

7. **Miscellaneous:** Mr. Rorah reported the Housing Authority Property- Liability and Auto Insurance premium for 2024 is estimated to be \$27,427.36.

8. **Adjournment:** Wayne Jones made a motion to adjourn, Charles Green second. Meeting adjourns.

CHAIRPERSON: _____ Date _____

SECRETARY: _____ Date _____



REPORT OF OPERATIONS

Boonville, Missouri

Water Treatment Plant

October 2023

Submitted by Alliance Water Resources, Inc.

November 20, 2023

City Council Meeting

OUR MISSION

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

**206 S. Keene St.
Columbia, MO
65201**

(573)874-8080

October 2023

Administrative

- Russell Gerling attended the Missouri Rural Water Association Conference at the Lake of the Ozarks.
- Russell Gerling participated in an “Introduction to Project Management Training” in Cape Girardeau.

Repair and Chemical Expense Report October 2023

Description	Budgeted	Actual Spent	Remaining
Repair Expense	\$38,800.00	\$28,509.39	\$10,290.61
Chemical Expense	\$293,550.00	\$249,054.43	\$44,495.57

Treatment, Operations, and Maintenance

- Normal operations, filter maintenance, and UV System calibration checks were performed this month.
- D&F Services were here at the water treatment plant to repair a chemical feed line and left us some spare parts.
- R.E. Pedrotti was here at the water treatment plant to repair a bad module in the PLC panel in the High Service Pump Building.
- The staff repaired a sampling station on Santa Fe Trail with help from the Water Distribution Crew.
- Ameren Electric was called in to investigate a power loss at the Hospital Water Tower. They found a squirrel in their equipment on the pole that blew a fuse on the pole. Ameren repaired everything.
- HACH was here at the Water Treatment Plant to perform quarterly maintenance and cleaning of the turbidimeters.
- The staff replaced a mounting bolt on the East Chlorine Tank Vacuum Regulator.
- Central Missouri Plumbing was here at the Water Treatment Plant to replace a defective backflow preventer in the Sodium Permanganate Feed Room.
- The staff replaced a water solenoid on High Service Pump #2 after the pump would not shut off.
- The staff repaired a broken Sodium Permanganate chemical feed line.
- The staff repaired several water leaks in the Chem Feed Shed
- Utility Service Group was here to clean, sandblast, and paint the interior of the tank of the Krohn St Water Tower. The staff filled the tank and is performing Bac-T testing at the time of this report.

Project Updates

- None at this time.

Safety

- The staff conducted its Monthly Safety meeting.
- The staff conducted its monthly check of chlorine leak detector sensors.
- The staff conducted its weekly inspection of emergency eyewash stations and emergency showers.
- The staff conducted its monthly crane inspection in the Chlorine Storage Room.
- The staff drained, cleaned, and refilled all self-contained eye wash stations.
- The staff replaced broken nozzles on a self-contained eyewash station.

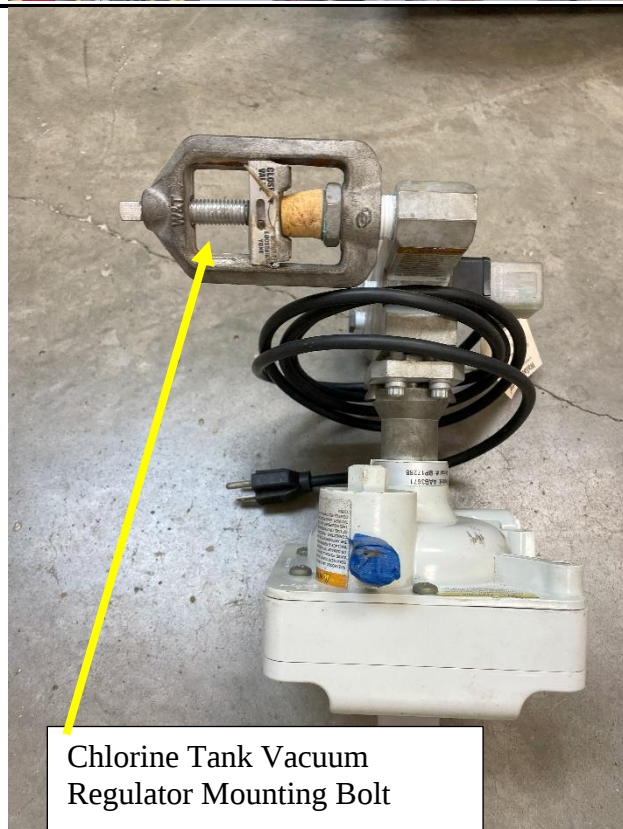
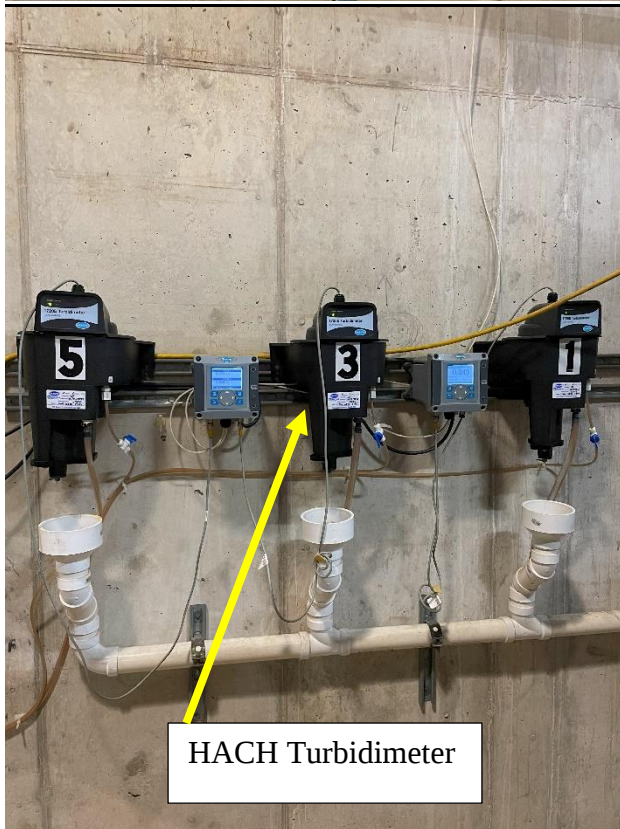
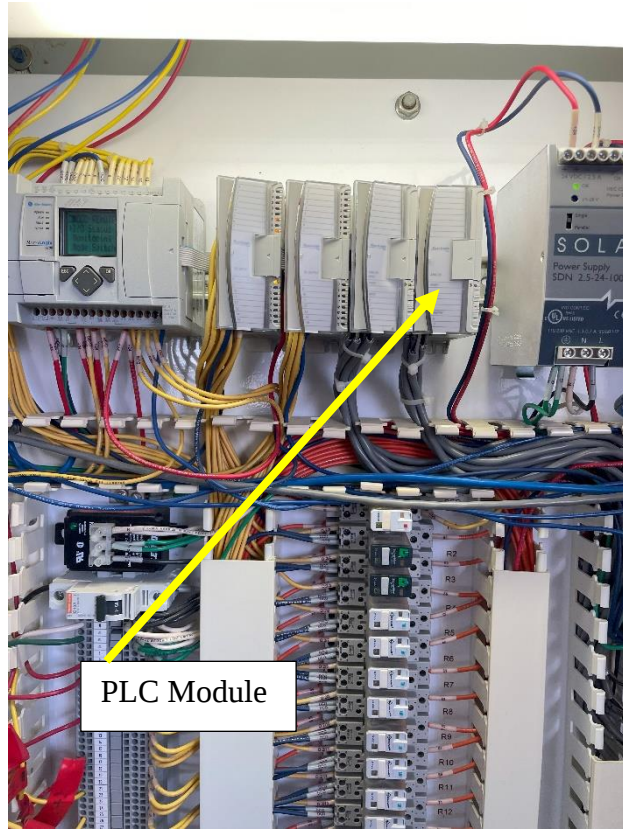
Regulatory

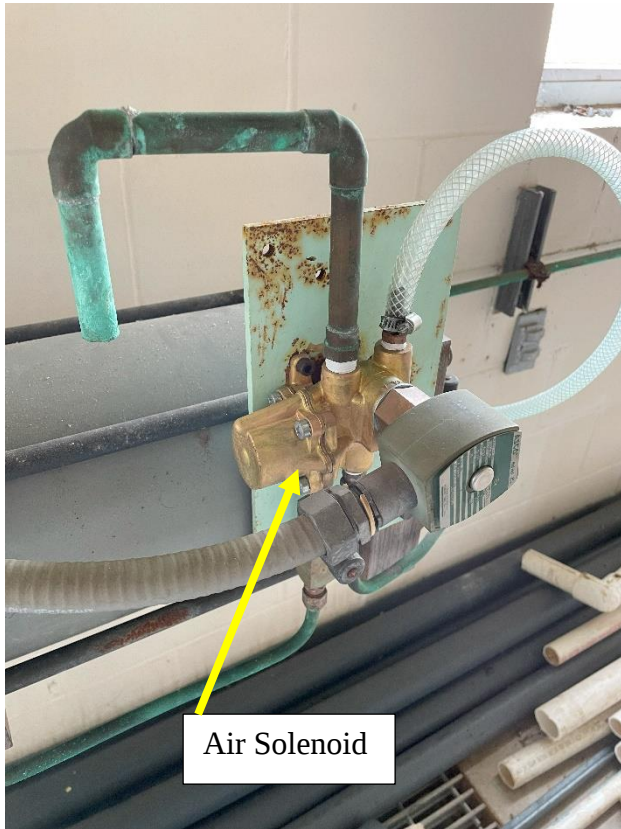
- The staff collected ten water samples throughout the water distribution system for Total Coliform and E-Coli testing.
- The staff collected monthly water samples for (TOC) Total Organic Compound testing. The samples were shipped to the State Health Lab.
- The staff collected quarterly water samples for Fluoride Testing. The samples were sent to the State Health Lab.

Concerns for the Month.

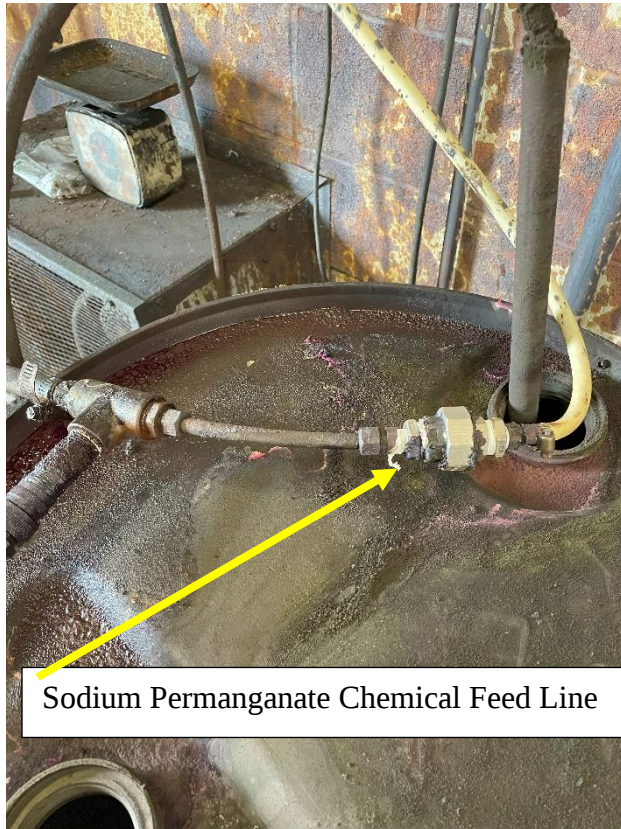
- None at this time

Photos

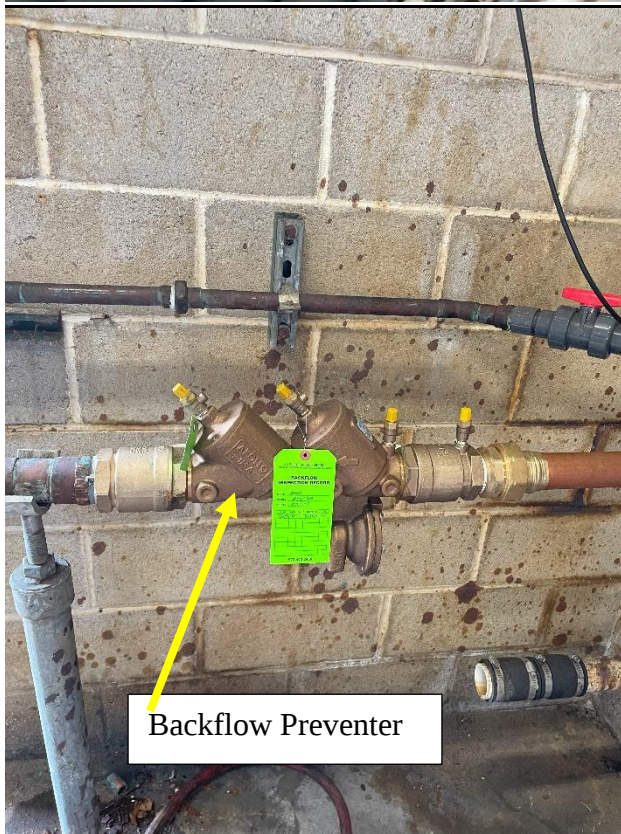




Air Solenoid



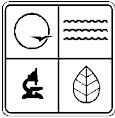
Sodium Permanganate Chemical Feed Line



Backflow Preventer

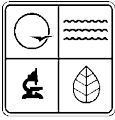


Self-Contained Eyewash Station



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM
MICROBIOLOGICAL ANALYSIS REPORT

PUBLIC WATER SYSTEM NAME City of Boonville			LABORATORY NAME Boonville Water Plant		LABORATORY TELEPHONE NUMBER WITH AREA CODE 6608824021		
STREET ADDRESS 901 Riviera Dr			CERTIFICATION NUMBER #15				
CITY Boonville		ZIP CODE 65233					
COUNTY Cooper		ID NUMBER MO3010089		SAMPLE COLLECTOR NAME OR INITIALS Brian Weber			
SAMPLE DATE MO/DAY/YR	SAMPLE TYPE	COLLECTION POINT	SAMPLE LOCATION ID	SAMPLE RESULTS		CHLORINE RESIDUAL (mg/L)	
				TOTAL COLIFORM	FECAL E-COLI	TOTAL	FREE
10/11/2023	R	614 Santa Fe Trail	16	A	A	3.0	2.7
10/11/2023	R	717 Main St	14	A	A	2.3	1.9
10/11/2023	R	1121 Main St	13	A	A	2.4	2.2
10/11/2023	R	2441 Pioneer St	23	A	A	.5	0
10/11/2023	R	900 Carla Dr	17	A	A	1.7	1.5
10/23/2023	R	940 Oregon Trail	24	A	A	2.5	1.9
10/23/2023	R	1550 W Ashley Rd	11	A	A	1.7	1.5
10/23/2023	R	1016 Hilldell Dr	18	A	A	2.4	2.1
10/23/2023	R	1012 Jefferson Rd	19	A	A	2.1	1.6
10/23/2023	R	1216 E Morgan St	10	A	A	2.2	1.6
TOTAL ROUTINE SAMPLE ANALYZED 10			MONITORING VIOLATION ☐ Yes ☐ No			MCL VIOLATION ☐ Yes ☐ No	
TITLE Plant Supervisor			DATE				
SIGNATURE							



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM – PUBLIC DRINKING WATER BRANCH
**DISINFECTION AND TURBIDITY REPORT FOR SURFACE WATER
SYSTEMS < 10,000 POPULATION**

PWS NAME City of Boonville		PWS ID MO 3010089	MONTH October
ADDRESS 901 Riviera Dr		TELEPHONE NUMBER WITH AREA CODE (660) 537-6909	YEAR 2023
CITY Boonville	ZIP CODE 65233	COUNTY Cooper	PLANT Main Plant

SEE INSTRUCTIONS

DISTRIBUTION DISINFECTION 1. Number of samples analyzed, A: <u>10</u> 2. Number of samples below 0.2 mg/L, B: <u>0</u> $[(A-B)/A] \times 100 = C: \underline{100}$ % meeting minimum disinfection required. 3. Avg. disinfectant residual for the month <u>2.00</u> mg/l	TURBIDITY 1. Total number measurements taken monthly, A: <u>166</u> 2. Number of measurements below 0.3 NTU, B: <u>166</u> $[B/A] \times 100 = C: \underline{100}$ % meeting turbidity requirements.
---	--

Date	Hours of operation	Finished water temperature (C)	Lowest disinfectant at entrance to distribution system (mg/L)	Highest turbidity measurement of the day	Duration disinfectant fell below 0.5 mg/L free Cl ₂ or 1 mg/L chloramines	Value of turbidity measurements that exceed	
			☒ Free Chlorine ☐ Chloramines			1NTU	5 NTU
1	4.5	24	1.23	.05	0	0	0
2	5.25	24	1.85	.05	0	0	0
3	6.50	24	.27	.05	1	0	0
4	6.75	24	1.88	.05	0	0	0
5	5.00	24	1.81	.05	0	0	0
6	4.75	24	2.06	.05	0	0	0
7	5.00	24	2.32	.05	0	0	0
8	6.25	22	2.09	.05	0	0	0
9	4.75	22	2.15	.05	0	0	0
10	5.00	21	2.22	.05	0	0	0
11	4.75	21	2.21	.05	0	0	0
12	6.25	20	1.96	.05	0	0	0
13	4.75	20	2.31	.05	0	0	0
14	4.00	20	2.27	.06	0	0	0
15	3.75	20	2.13	.07	0	0	0
16	4.75	20	1.88	.05	0	0	0
17	4.25	19	1.65	.05	0	0	0
18	4.50	19	2.04	.05	0	0	0
19	4.50	18	1.87	.05	0	0	0
20	5.00	18	2.16	.05	0	0	0
21	6.00	18	2.03	.05	0	0	0
22	6.50	18	2.12	.06	0	0	0
23	4.50	17	2.05	.04	0	0	0
24	5.25	18	2.10	.04	0	0	0
25	3.50	18	2.37	.05	0	0	0
26	4.75	18	1.94	.06	0	0	0
27	3.75	18	2.40	.06	0	0	0
28	4.50	18	2.30	.05	0	0	0
29	3.75	18	2.01	.05	0	0	0
30	8.98	17	2.02	.05	0	0	0
31	2.75	15	2.29	.23	0	0	0

NAME OF PERSON PREPARING REPORT Matthew Bishop	SIGNATURE OF RESPONSIBLE OFFICIAL	DATE 11/2/2023
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INSTRUCTIONS: DISINFECTION AND TURBIDITY REPORT FOR SURFACE WATER SYSTEMS <10,000 POPULATION

Please fill out information completely and legibly.

Distribution Disinfection

1. On line 1, enter the total number of samples from the distribution system analyzed for residual disinfectant concentration (total chlorine or combined chlorine) during the month. The residual disinfectant concentration measurements must be taken at the same time and location as your routine monthly coliform samples. This is the value for A.
2. On line 2, enter the number of samples for the distribution systems that had less than 0.2 mg/L residual disinfectant concentration. This is the value for B.
3. Subtract B, from A. (A-B). Divide that number by A. Then multiply by 100. This will give you the value for C. For example: if A= 20 and B= 3, then $C = [(20-3)/20] \times 100 = 85\%$
4. On line 3, enter the arithmetic average for all residual disinfectant samples taken during the month.

Turbidity:

- 1 On line 1, enter the total number of combined filter turbidity measurements taken during the month. This is the value for A.
- 2 On line 2, enter the number of combined filter turbidity measurements taken during the month, which are less than or equal to 0.3 NTU. This is the value for B.
- 3 Divide B, by A. (B/A). Then multiply that number by 100. This will give you the value for C. For example: if A = 120 and B = 117, then $C = (117/120) \times 100 = 97.5\%$

Hours of operation:

For each day, record the number of hours each water treatment plant was in operation.

Finished Water Temperature

For each day, record the temperature of water entering the distribution.

Lowest Residual Disinfectant at Entrance to Distribution System:

For each day, record the lowest measurement of residual disinfectant concentration (mg/L) in water entering the distribution system (free available chlorine or chloramines).

Duration Residual Disinfectant Fell Below Requirement:

For each day, record the duration (hours, tenths) of each period (if any) when the residual disinfectant concentration in water entering the distribution system fell below 0.5 mg/L free chlorine or 1 mg/L chloramines. Note: should this occur the public water system must notify the department as soon as possible, but no later than by the end of the next business day.

The Highest Turbidity Reading for the Day:

For each day, record the highest turbidity reading on the combined plant effluent during the plants operational period.

Value of Turbidity Measurements that exceed 1 NTU and 5 NTU:

For each day, record the value of any turbidity measurements taken during the month, which exceed 1 NTU and 5 NTU. Note: should this occur the public water system must notify the department as soon as possible, but no later than the end of the next business day.

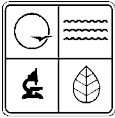
INDIVIDUAL FILTER MONITORING AND REPORTING

- 1 Was each filter continuously monitored for turbidity and results recorded every 15 minutes? Yes
- 2 Was there a failure of the continuous turbidity monitoring equipment? No
If yes on 2, was the equipment repaired within 5 working days or 14 days with department approval? N/A
If yes on 2, was grab sampling done every four hours until failure corrected? N/A
- 3 Was any individual filter turbidity level >1.0 NTU in two consecutive measurements taken 15 minutes apart? No
If yes, perform follow-up actions step 1.
- 4 Was any individual filter level for three months in a row > 1.0 NTU in two consecutive recordings taken 15 minutes apart? No
If YES, perform follow-up actions step 2
- 5 Was any individual filter turbidity level > 2.0 NTU in two consecutive recordings taken 15 minutes apart for two consecutive months? No
If YES, perform follow-up actions step 3

FOLLOW-UP ACTIONS to PERFORM

1. Report filter numbers, turbidity measurements that exceed 1 NTU and dates the exceedances occurred and causes if known.
2. Conduct a self-assessment of the filters within 14 days of the triggering event. The system must report the date self-assessment was triggered and the date it was completed.
3. The system must arrange to have a comprehensive performance evaluation performed not later than 60 days following the triggering event. The evaluation must be completed and submitted to the department within 120 days following the triggering event.

The Missouri Department of Natural Resources-Public Drinking Water Branch recommends contacting your local regional office if any individual filter exceeds 1.0 NTU, the lowest trigger in the individual filter standards.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM – PUBLIC DRINKING WATER BRANCH
MONTHLY UV OPERATION REPORT

1. PUBLIC WATER SYSTEM NAME City of Boonville		PWS ID MO3010089		2. MONTH / YEAR October 2023	
ADDRESS 901 Riviera Dr		TELEPHONE NUMBER WITH AREA CODE 660-882-4021		EMAIL ADDRESS rgerling@alliancewater.com	
CITY Boonville		ZIP CODE 65233		COUNTY Cooper	
3.	4.	5.	6.	7.	8.
Unit	Total Run Time (hrs)	Total Volume (MG)	Dosage (mJ/cm²)	Number of Off-Specification Events	Total Off-Specification Volume (MG)
1 - Transfer	154.48	32.191		0	0
9. TOTAL VOLUME OF OFF-SPECIFICATION WATER PRODUCED (MG) [A] 0			10. TOTAL VOLUME OF WATER PRODUCED (MG) [B] 32.191		
11. PERCENT OF OFF-SPECIFICATION WATER PRODUCED ((A)/[B]*100) 0			12. PERCENT OF OFF-SPECIFICATION WATER PRODUCED <5 PERCENT ☒ YES ☐ NO		
13. Of the <u>8</u> sensors, <u>8</u> have been checked for calibration and <u>8</u> were within the acceptable range of tolerance.					
14. The following reactors had a sensor correction factor		Unit	Sensor correction factor		
15. COMMENTS					
16. NAME OF PERSON PREPARING REPORT Matthew Bishop		17. SIGNATURE OF RESPONSIBLE OFFICIAL		DATE 11/2/2023	

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Permit Number	Outfall Number
MO0004081	FACA
Monitoring Period	
10/1/23	10/31/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	0.547	0.176	Mgal/d
Mon. Location.: End of Pipe	*****:*****	*****:*****	*****:*****		Monthly Avg.:Monitoring Required	Daily Max.:Monitoring Required	
Sample Type: Record							
Frequency: Monthly							
Solids accumulation rate tot dry weight	*****	0.001	0.001	g/m3/d	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	Monthly Avg.:Monitoring Required	Daily Max.:Monitoring Required		*****:*****	*****:*****	
Sample Type: Calculated							
Frequency: Monthly							
Water treatment additives	*****	*****	*****	*****	5.365	0.2215	ton/mo
Mon. Location.: End of Pipe	*****:*****	*****:*****	*****:*****		Monthly Avg.:Monitoring Required	Daily Max.:Monitoring Required	
Sample Type: Calculated							
Frequency: Monthly							
Comments: Outfall #1 and #3							

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

eSignature Russell Gerling	Submission Date November 2, 2023	User Phone Number (573)476-4395
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Results of Sample Analyses

Test Group: 2023 September TOC mailing

Order ID: WO230817150



POW-2023Sep-4724

Public Drinking Water Branch
MO3010089
Boonville PWS

Todd Baslee
NEW WATER PLANT
901 RIVIERA DR
BOONVILLE MO 65233

Sample: 2315054

Site: Boonville PWS

Site Number: MO3010089

Sample Location and Type: MISSOURI RIVER (Raw Water) /IN 30015

County: Cooper

Collected 09/19/23 09:30

Public Drinking Water Supply

Analyte	Result	MCL	SS	Qualifier(s)
Analysis: Alkalinity – PWS Result by Field Dependent				
Alkalinity – PWS Result	186 mg/L			
Analysis: Total Organic Carbon by Standard Methods 5310-C				
Total Organic Carbon	3.51 mg/L			

Sample: 2315055

Site: Boonville PWS

Site Number: MO3010089

Sample Location and Type: BOONVILLE – TREATMENT PLANT (Treatment Plant) /TP 50234

County: Cooper

Collected 09/19/23 09:00

Public Drinking Water Supply

Analyte	Result	MCL	SS	Qualifier(s)
Analysis: Total Organic Carbon by Standard Methods 5310-C				
Total Organic Carbon	2.72 mg/L			

MCL– A Maximum Contaminant Level (MCL) is the legal threshold limit on the amount of a substance that is allowed in drinking water under the Federal Safe Drinking Water Act. MCLs are health based, legally enforceable standards. Drinking water results below the MCLs are considered safe.

*Lead and Copper samples have an Action Level (AL) and not an MCL. The AL levels for Lead and Copper are shown in the MCL column.

SS– Secondary Drinking Water Regulations (secondary standards) are non-enforceable guidelines regulating contaminants that may cause aesthetic effects in drinking water, such as taste, color or odor. It is recommended that water systems comply with secondary standards but water systems are not required to comply.

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency.

If you have any questions, please contact the Public Drinking Water Branch's chemical monitoring coordinator Brent Weis at 573-751-3458.

Units used in this report:

mg/L milligrams per liter

Richard Kirsch
Laboratory Manager
Environmental Services Program
Division of Environmental Quality



Public Drinking Water Branch
MO3010089
Boonville PWS

Todd Baslee
NEW WATER PLANT
901 RIVIERA DR
BOONVILLE MO 65233

Sample: 2313319

Site: Boonville PWS



Site Number: MO3010089

County: Cooper

Sample Location and Type: BOONVILLE - TREATMENT PLANT (Treatment Plant) /TP 50234

Collected 09/19/23 09:00

Public Drinking Water Supply

Analyte	Result	MCL	SS	Qualifier(s)
Analysis: 507 - Pesticides by EPA 507				
Alachlor	<0.44 µg/L	2		ND
Atrazine	<0.22 µg/L	3		ND
Metolachlor	<0.5 µg/L			ND
Simazine	<0.2 µg/L	4		ND

MCL- A Maximum Contaminant Level (MCL) is the legal threshold limit on the amount of a substance that is allowed in drinking water under the Federal Safe Drinking Water Act. MCLs are health based, legally enforceable standards. Drinking water results below the MCLs are considered safe.

*Lead and Copper samples have an Action Level (AL) and not an MCL. The AL levels for Lead and Copper are shown in the MCL column.

SS- Secondary Drinking Water Regulations (secondary standards) are non-enforceable guidelines regulating contaminants that may cause aesthetic effects in drinking water, such as taste, color or odor. It is recommended that water systems comply with secondary standards but water systems are not required to comply.

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency.

If you have any questions, please contact the Public Drinking Water Branch's chemical monitoring coordinator Brent Weis at 573-751-3458.

Data qualifiers used in this report:

ND Not detected at reported value

Units used in this report:

µg/L micrograms per liter

Richard Kirsch
Laboratory Manager
Environmental Services Program
Division of Environmental Quality



REPORT OF OPERATIONS

Boonville, Missouri

Wastewater Treatment Plant

October 2023

Submitted by Alliance Water Resources, Inc.

November 20, 2023

City Council Meeting

**OUR
MISSION**

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

**Alliance Water
Resources, Inc.**

**206 S. Keene St.
Columbia, MO
65201**

(573)874-8080

October 2023

Administrative

- Russell Gerling attended the Missouri Rural Water Association Conference at the Lake of the Ozarks.
- Russell Gerling participated in an “Introduction to Project Management Training” in Cape Girardeau.

Repair and Chemical Expense Report October 2023

Description	Budgeted	Actual Spent	Remaining
WWTP Repair Expense	\$40,000.00	\$11,879.43	\$28,120.57
LS Repair Expense	\$50,000.00	\$3,206.75	\$46,793.25
Chemicals	\$95,000.00	\$66,206.15	\$28,793.85

Treatment, Operations, and Maintenance

- The staff performs weekly maintenance/housekeeping on the Bar Screen, Grit Collector, Oxidation Ditch, Clarifiers, Effluent Channel including the UV Disinfection System, and Digester Blowers.
- The staff drained, cleaned, and inspected the Digester for broken pipes and air diffusers. Everything looks good.
- The staff replaced the SCADA Radio Repeater because the other one failed. The staff also installed a UPS back-up battery.
- The staff installed a new motor saver surge protection at Industrial Park Lift Station.
- The staff installed a new hydraulic steering cylinder on the tractor.

Project Updates

- None at this time

Safety

- The staff conducted its Monthly Safety meeting.
- The staff drained, cleaned, and refilled the self-contained eye wash station.

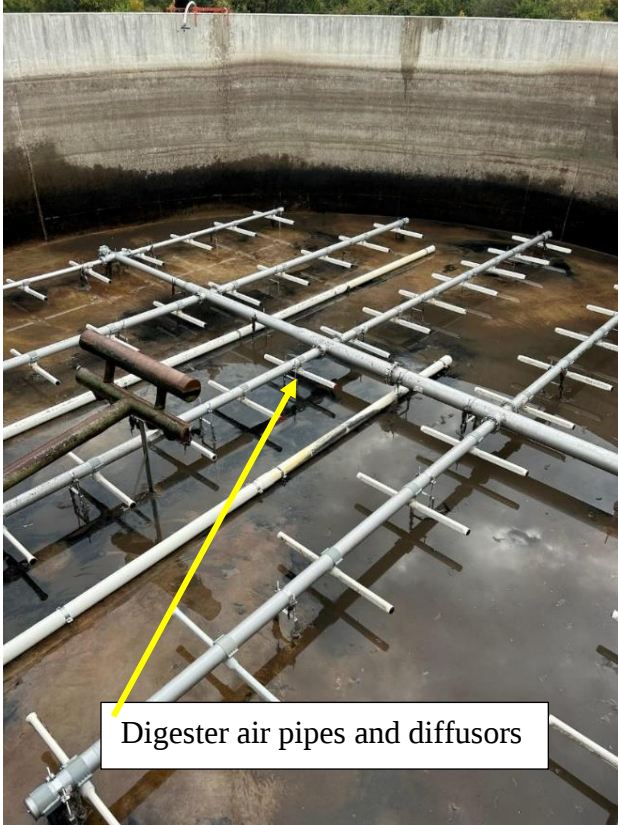
Regulatory

- The staff documents daily Flow through the Wastewater Treatment Plant, outside air temperature, rainfall, and weather conditions.
- The staff collected daily water samples throughout the Wastewater Treatment Plant for Dissolved Oxygen (DO) testing, temperature, and pH testing.
- The staff collected weekly water samples from the Effluent of the Wastewater Treatment Plant for E-Coli testing, Biochemical Oxygen Demand (BOD) testing, and Total Suspended Solids (TSS) testing.
- The staff collected monthly water samples from the Influent of the Wastewater Treatment Plant for Biochemical Oxygen Demand (BOD) testing, Total Suspended Solids (TSS) testing, and Ammonia testing. This is for monitoring purposes only and determining Wastewater Treatment Plant Percent Removal.
- The staff collected monthly water samples from the Influent of the Wastewater Treatment Plant for Total Phosphorus testing, Total Kjeldahl Nitrogen testing, and Nitrite+Nitrate testing. These water sample are transported to Inovatia Laboratories in Fayette, Mo. This is for monitoring purposes only.
- The staff collected monthly water samples from the Effluent of the Wastewater Treatment Plant for Ammonia testing.
- The staff collected monthly water samples from the Effluent of the Wastewater Treatment Plant for Oil & Grease testing, Total Phosphorus testing, Total Kjeldahl Nitrogen testing, and Nitrite+Nitrate testing. These water sample are transported to Inovatia Laboratories in Fayette, Mo. This is for monitoring purposes only.
- The staff collected water samples for annual WET Testing. The samples were transported to Inovatia Labs in Fayette, Mo.

Concerns for the Month.

- None at this time

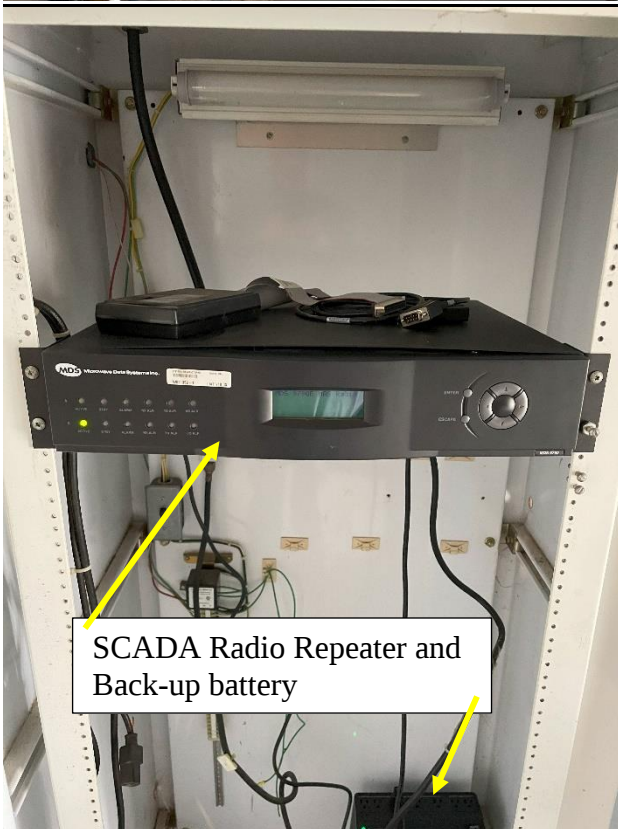
Photos



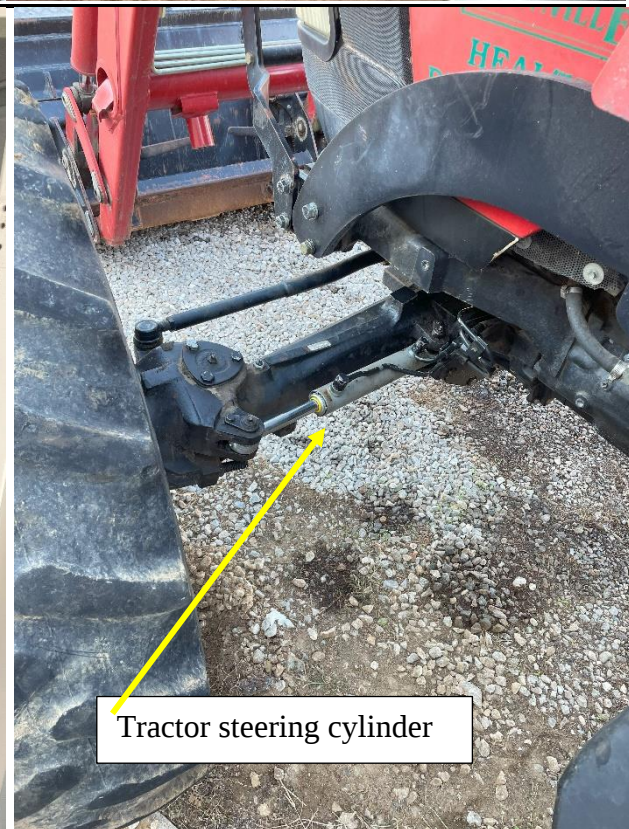
Digester air pipes and diffusers



Digester inlet pipes



SCADA Radio Repeater and
Back-up battery



Tractor steering cylinder

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Permit Number	Outfall Number
MO0040738	001M
Monitoring Period	
10/1/23	10/31/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	0.960	0.640	Mgal/d
Mon. Location.: End of Pipe	*****:*****	*****:*****	*****:*****		Daily Max.:Monitoring Required	Monthly Avg.:Monitoring Required	
Sample Type: Total Measured							
Frequency: Monthly							
BOD, 5-day, 20 deg. C	*****	2.76	1.76	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	Weekly Avg.:45	Monthly Avg.:30		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Total Suspended Solids (TSS)	*****	7.0	3.43	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	Weekly Avg.:45	Monthly Avg.:30		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Escherichia coli (E. coli)	*****	41.4	7.17	#/100mL	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	7 Day Geo.:1030	30 Day Geo. Mean:206		*****:*****	*****:*****	
Sample Type: Grab							
Frequency: Weekly							
Nitrite plus nitrate total (as N)	28.2	*****	28.2	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****:*****	Monthly Avg.:Monitoring Required		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Phosphorus, total (as P)	4.65	*****	4.65	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****:*****	Monthly Avg.:Monitoring Required		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, Kjeldahl, total (as N)	<1.00	*****	<1.00	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:Monitoring Required	*****:*****	Monthly Avg.:Monitoring Required		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

pH	7.7	*****	7.8	SU	*****	*****	*****
Mon. Location.: End of Pipe	Minimum:6.5	*****:*****	Maximum:9.0		*****:*****	*****:*****	
Sample Type: Grab							
Frequency: Weekly							
BOD, 5-day, percent removal	*****	*****	98	%	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	*****:*****	Monthly Avg. Min.:85		*****:*****	*****:*****	
Sample Type: Calculated							
Frequency: Monthly							
Suspended Solids, percent removal	*****	*****	98	%	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	*****:*****	Monthly Avg. Min.:85		*****:*****	*****:*****	
Sample Type: Calculated							
Frequency: Monthly							
Nitrogen, ammonia total (as N)	0.018	*****	0.018	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:8.4	*****:*****	Monthly Avg.:1.8		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Monthly							

Comments:

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Permit Number	Outfall Number
MO0040738	INFIM
Monitoring Period	
10/1/23	10/31/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	366	mg/L	*****	*****	*****
Mon. Location.: Influent	*****.*	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Total Suspended Solids (TSS)	*****	*****	220	mg/L	*****	*****	*****
Mon. Location.: Influent	*****.*	*****.*	Daily Max.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, ammonia total (as N)	50.0	*****	50.0	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Phosphorus, total (as P)	5.08	*****	5.08	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, Kjeldahl, total (as N)	45.8	*****	45.8	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrite plus nitrate total (as N)	<0.300	*****	<0.300	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							

Comments:

Boonville WWTP
401 Main Street
BOONVILLE, MO, Cooper

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Northeast Regional Office
1709 Prospect Drive
Macon, MO, 63552

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

eSignature Richard Arnold	Submission Date November 9, 2023	User Phone Number (660)882-4024
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State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Permit Number	Outfall Number
MO0040738	001Q
Monitoring Period	
10/1/23	12/31/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Oil and grease	<5	*****	<5	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:15	*****.*	Monthly Avg.:10		*****.*	*****.*	
Sample Type: Grab							
Frequency: Quarterly							

Comments:

Boonville WWTP
401 Main Street
BOONVILLE, MO, Cooper

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Northeast Regional Office
1709 Prospect Drive
Macon, MO, 63552

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eSignature Richard Arnold	Submission Date November 9, 2023	User Phone Number (660)882-4024
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State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Permit Number	Outfall Number
MO0040738	001WA
Monitoring Period	
1/1/23	12/31/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Toxicity, ceriodaphnia acute	0	*****	*****	toxic	*****	*****	*****
Mon. Location.: End of Pipe	Daily	*****.*	*****.*		*****.*	*****.*	
Max.:Monitoring Required							
Sample Type: 24 Hour Composite							
Frequency: Annual							
Toxicity, pimephales acute	0	*****	*****	toxic	*****	*****	*****
Mon. Location.: End of Pipe	Daily	*****.*	*****.*		*****.*	*****.*	
Max.:Monitoring Required							
Sample Type: 24 Hour Composite							
Frequency: Annual							
Comments:							

Boonville WWTP
401 Main Street
BOONVILLE, MO, Cooper

State of Missouri
Department of Natural Resources
National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Northeast Regional Office
1709 Prospect Drive
Macon, MO, 63552

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eSignature Richard Arnold	Submission Date November 9, 2023	User Phone Number (660)882-4024
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