



City Of
BOONVILLE

City of Boonville

Council Meeting Agenda

October 17, 2022

7:00 p.m.

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 (Michael Stock)**
- II. Roll call**
- III. Hearing of Citizens' Comments**
- IV. Approval of the Minutes of the October 3, 2022, Council Meeting**
- V. Consent Items**
 - a) None
- VI. Presentation of Accounts and Claims**
- VII. Unfinished Business**
 - A. Second Reading of Bill No. 2022-029 Authorizing and Approving a Conveyance of Real Estate by the City of Boonville to Beach Family Investments, LLC.**
 - B. Second Reading of Bill No. 2022-030 Authorizing and Approving a Conveyance of Real Estate by the City of Boonville to 512 Investments, LLC**
 - C. Second Reading of Bill No. 2022-031 Authorizing and Approving a Conveyance of Real Estate by the City of Boonville to William and Pamela Rapp.**

- D.** Second Reading of Bill No. 2022-032 Amending Section 21-157, regarding Primacy Fees, to be referenced in Schedule of Administrative Fees
- E.** Second Reading of Bill No. 2022-033 Amending Section 21-148, regarding State Assessed Wastewater Sewer Connection Fees, to be referenced in Schedule of Administrative Fees
- F.** Second Reading of Bill No. 2022-034 Amending Section 21-157, Regarding Water and Water Service Rates, to be referenced in Schedule of Administrative Fees
- G.** Second Reading of Bill No. 2022-035 Amending Section 21-148, Regarding Wastewater Service Fees Inside and Outside City Limits, to be referenced in Schedule of Administrative Fees
- H.** Second Reading of Bill No. 2022-036 Amending Section 21-181, Regarding Solid Waste Collection Fees, to be referenced in Schedule of Administrative Fees
- I.** Second Reading of Bill No. 2022-037 Amending Section 21-158, Regarding Water Rates to Customers Outside the City Limits, to be referenced in Schedule of Administrative Fees
- J.** Second Reading of Bill No. 2022-038 Amending Section 21-161, Regarding Meter Rental Fees, to be referenced in Schedule of Administrative Fees
- K.** Second Reading of Bill No. 2022-039 Amending Section 21-144, Regarding Disconnection Fees, to be referenced in Schedule of Administrative Fees
- L.** Second Reading of Bill No. 2022-040 Amending Section 21-163, Regarding Water Meter Deposits to Establish Service, to be referenced in Schedule of Administrative Fees
- M.** Second Reading of Bill No. 2022-041 Amending Section 21-13, Regarding Application for Water Tap Service Permit Fees, to be referenced in Schedule of Administrative Fees
- N.** Second Reading of Bill No. 2022-042 Amending Section 21-174 Regarding Application for Sewer Service Permit Fees, to be referenced in Schedule of Administrative Fees
- O.** Second Reading of Bill No. 2022-043 Amending Section 10-6 Regarding Business License Fees, Section 10-221 Regarding Tattoo Establishment Fees, Section 16-20 Regarding Peddler Fees, all to be referenced in Schedule of Administrative Fees

- P.** Second Reading of Bill No. 2022-044 Amending Section 3-39 Regarding Intoxicating Liquor/Nonintoxicating Beer License Fees, to be referenced in Schedule of Administrative Fees
- Q.** Second Reading of Bill No. 2022-045 Amending Section 6-13 Regarding City Cemeteries Fees, to be referenced in Schedule of Administrative Fees
- R.** Second Reading of Bill No. 2022-046 Amending the Schedule of Administrative Fees

VIII. New Business

- A.** First Reading of Bill No. 2022- 047 Adjusting and Amending the Ward Boundaries
- B.** Approval of Police Radio purchase
- C.** Approval of Road Salt purchase
- D.** Consider resolution No. 2022-18 authorizing and approving an agreement between Ryan Construction and The City of Boonville pertaining to Fox Hollow Waterline.

IX. Reports of Standing Committees

- A.** Planning and Zoning Commission (Albert Turner)
- B.** Board of Public Works (Barry Elbert)

X. Reports of City Officials

- A)** City Administrator
- B)** Mayor
- C)** City Clerk

XI. Miscellaneous

XII. Closed session RSMO 610.021 (2) Real Estate.

XIII. Adjourn

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.

City of Boonville
City Council Meeting Minutes
October 3, 2022

The Boonville City Council met in Regular Session on October 3, 2022, 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; Randy Ayers, Sergeant at Arms and Interim City Counselor, Doug Abele was absent.

NOTICE POSTED: September 29 , 2022 at 4:45 P.M.

CALL TO ORDER – PLEDGE AND PRAYER

The meeting was called to order. Albert Turner led the prayer, after the pledge of allegiance.

ROLL CALL

The following Council Representatives were present: Albert Turner, Steve Young, Susan Meadows, Andrew Cowherd, Sy Harvell, Barry Elbert, and Michael Stock. Council Representative Whitney Venable was absent.

HEARING OF CITIZENS' COMMENTS

Betty St. John Came before the council to express her opinions on the Kemper Village development. Ms. St. John stated she believes that HUD is trying to encourage more section 8 housing throughout the city rather than in a more concentrated area. Ms. St. John expressed her disappointment in a previous comment made by a councilman at the last meeting.

Ken Askren with the Katy Bridge Coalition came to ask the council to consider creating a subcommittee for the Katy Bridge either under parks and rec or historic preservation committee.

Wayne Harmon, who owns 2 local businesses came before the council and stated he gets several questions from people about the status of the Katy bridge. Mr. Harmon provided the council with a petition of signatures who are in favor of finishing the bridge. Mr. Harmon stated he thinks it is very important to finish the bridge.

Ken Hirlinger and Mary Pat Abele came before the council and thanked everyone for volunteering or attending the Sippin, Strollin, Rockin and Rollin. They both encouraged everyone to fill out the survey that was handed out or emailed about how they think the event went.

Karen Hsu came before the council and stated she is a new resident of Boonville. Ms. Hsu expressed her concerns about how city business is shared with residents. Ms. Hsu stated That she would like to meet with the mayor and economic developer to learn more about the strategic plans for growth throughout the city.

APPROVAL OF THE MINUTES OF September 19, 2022, COUNCIL MEETING

The minutes stand as corrected

CONSENT ITEMS

- a) Consider Pay Request Order No. 1 from Vance Brothers Inc. in the amount of **\$44,010.17** for Chip and Seal Roadway Improvements.
- b) Consider Pay Request No. 2 (Final) from Greis Trucking and Excavating in the amount of **\$116,424.34** for FEMA/SEMA Stormwater Improvements.
- c) Consider Change Order No.1 from Vance Brothers Inc. in the amount of **-\$5781.83 (CREDIT)** for Chip and Seal Roadway Improvements.
- d) Consider Change Order No. 2 (Final) From Greis Trucking and Excavating in the amount of **-\$8,874.00 (CREDIT)** For FEMA/SEMA STORMWATER IMPROVEMENTS.

Ms. Meadows moved, and Mr. Cowherd seconded the motion to approve the Consent Items. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

PRESENTATION OF ACCOUNTS AND CLAIMS

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. Young seconded the motion to approve the ordinance appropriating money. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1)

UNFINISHED BUSINESS

SECOND READING OF BILL NO. 2022-024 APPROVING A FINAL SITE PLAN FOR CLUB CAR WASH, 2420 BOONSLICK DRIVE

Ms. Meadows moved, and Mr. Stock seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

SECOND READING OF BILL NO. 2022-025 A APPROVING A FINAL SITE PLAN FOR SCOOTERS COFFEE 2395 MAIN STREET

Mr. Cowherd moved, and Mr. Stock seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

SECOND READING OF BILL NO. 2022-026 APPROVING A FINAL SITE PLAN FOR PHASE 3, APARTMENT COMPLEX AT BOONE POINT SUBDIVISION

Ms. Meadows moved, and Mr. Turner seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

SECOND READING OF BILL NO. 2022-027 ACCEPTING THE SEWER AND WATER INFRASTRUCTURE FOR PHASE 1 OF BOONE POINT DEVELOPMENT

Mr. Young moved, and Ms. Meadows seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

SECOND READING OF BILL NO. 2022-028 AMENDING THE CITY OF BOONVILLE ACCESS MANAGEMENT MANUAL, BOONVILLE CODE OF ORDINANCES, APPENDIX B, REGARDING CONCRETE STREET RESIDENTAL STREET SPECIFICATIONS.

Mr. Young moved, and Mr. Cowherd seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

NEW BUSINESS

FIRST READING OF BILL NO. 2022-029 AUTHORIZING AND APPROVING A CONVEYANCE OF REAL ESTATE BY THE CITY OF BOONVILLE TO BEACH FAMILY INVESTMENTS, LLC.

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

FIRST READING OF BILL NO. 2022-030 AUTHORIZING AND APPROVING A CONVEYANCE OF REAL ESTATE BY THE CITY OF BOONVILLE TO 512 INVESTMENTS, LLC.

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

FIRST READING OF BILL NO. 2022-031 AUTHORIZING AND APPROVING A CONVEYANCE OF REAL ESTATE BY THE CITY OF BOONVILLE TO WILLIAM L. RAPP AND PAMELA S. RAPP, HUSBAND, AND WIFE.

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

FIRST READING OF BILL NO. 2022- 032 AMENDING THE CODE OF GENERAL ORDINANCES SECTION 21-157 (c), PROCEDURES AND RATES RELATING TO STATE ASSESSED PRIMACY FEES.

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

FIRST READING OF BILL NO. 2022-033, AMENDING THE CODE OF GENERAL ORDINANCES SECTION 21-148 (d) (7) (b), PROCEDURES AND RATES RELATING TO STATE ASSESSED WASTEWATER SEWER CONNECTION FEES.

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

FIRST READING OF BILL NO. 2022-034, AMENDING THE CODE OF GENERAL ORDINANCES SECTION 21-157 (a)(4)(c), CHANGING RATES TO BE CHARGED FOR WATER AND WATER SERVICE.

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

FIRST READING OF BILL NO. 2022-035 AMENDING THE CODE OF GENERAL ORDINANCES SECTION 21-148(d)(3); 21-148 (d)(6)(b) and (d), CHANGING RATES TO BE CHARGED FOR WASTEWATER SERVICE INSIDE AND OUTSIDE THE CORPORATE CITY LIMITS.

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

FIRST READING OF BILL NO. 2022-036 AMENDING CERTAIN PARTS OF CHAPTER 21, ARTICLE V, SECTION 21-181 RELATING TO SOLID WASTE COLLECTION FEES.

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

FIRST READING OF BILL NO. 2022-037, AMENDING THE CODE OF GENERAL ORDINANCES SECTION 21-158 (b), CHANGING THE RATES TO BE CHARGED FOR WATER TO CUSTOMERS OUTSIDE THE CITY LIMITS.

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

FIRST READING OF BILL NO. 2022-038 AMENDING CERTAIN PARTS OF CHAPTER 21, ARTICLE V, DIVISION 2, SECTION 21-161 RELATING TO METER RENTAL FEES.

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

FIRST READING OF BILL NO. 2022-039 AMENDING CERTAIN PARTS OF CHAPTER 21, ARTICLE V, SECTION 21-144 RELATING TO DISCONNECTION FEES FOR UNPAID BILLS.

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

FIRST READING OF BILL NO. 2022-040 AMENDING CERTAIN PARTS OF CHAPTER 21, ARTICLE V, DIVISION 2, SECTION 21-163 (b) AND (c) RELATING TO WATER METER DEPOSITS.

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

FIRST READING OF BILL NO. 2022-041 AMENDING CERTAIN PARTS OF CHAPTER 21, ARTICLE II, DIVISION 1, SECTION 21-13 RELATING TO APPLICATION FOR SERVICE.

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

FIRST READING OF BILL NO. 2022-042 AMENDING CERTAIN PARTS OF CHAPTER 21, ARTICLE III, DIVISION 3, SECTION 21-74 RELATING TO CLASSES OF PERMITS, APPLICATION AND FEES FOR SEWER CONNECTION.

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

FIRST READING OF BILL NO. 2022-043 AMENDING CERTAIN PARTS OF CHAPTER 10, ARTICLE I, SECTION 10-6 RELATING TO BUSINESS LICENSE FEE SCHEDULE; CHAPTER 10, ARTICLE IX, SECTION 10-221 RELATING TO TATTOO ESTABLISHMENT FEES; AND CHAPTER 16, ARTICLE II, SECTION 16-20 RELATING TO PEDDLER FEES.

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

FIRST READING OF BILL NO. 2022-044AMENDING CERTAIN PARTS OF CHAPTER 3, ARTICLE II, DIVISION 2, SECTION 3-39 RELATING TO INTOXICATING LIQUOR/NONINTOXICATING BEER LICENSE FEES.

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

FIRST READING OF BILL NO. 2022-045 AMENDING CERTAIN PARTS OF CHAPTER 6, SECTION 6-11 RELATING TO PRICES OF LOTS AT CITY CEMETERIES; AND CHAPTER 6, SECTION 6-13 RELATING TO GRAVE OPENINGS AND CLOSING.

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

FIRST READING OF BILL NO. 2022-046 ADOPTING A NEW SCHEDULE OF ADMINISTRATIVE FEES (APPENDIX G IN THE CODE OF GENERAL ORDINANCES).

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

CONSIDER RESOLUTION NO. R2022-16 AUTHORIZING AND APPROVING AN AGREEMENT BETWEEN SMICO CONTRACTING GROUP LLC AND THE CITY OF BOONVILLE, MISSOURI PERTAINING TO WASTEWATER TREATMENT PLANT REPAIR PROJECT.

Ms. Meadows moved, and Mr. Cowherd seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

CONSIDER RESOLUTION NO. R2022-16 AUTHORIZING AND APPROVING A COOPERATIVE AGREEMENT BETWEEN THE COOPER COUNTY CLERK AND THE CITY OF BOONVILLE, MISSOURI REGARDING THE COLLECTION OF CITY AD VALOREM TAXES.

Mr. Young moved, and Mr. Stock seconded the motion to approve the bill. Roll call was taken. Ayes: Turner, Stock, Young, Meadows, Cowherd, Harvell, and Elbert Total (7) Opposed: None (0). Absent: Whitney Venable (1).

REPORTS OF STANDING COMMITTEES

Boonville Housing Authority – Sy Harvell

Mr. Harvell stated the committee discussed their concerns about additional housing coming into the city which was discussed at the September 19th meeting. Mr. Young asked why the Boonville Housing Authority does not expand and build more apartments. Mr. Harvell stated the funding isn't available for the housing authority to do that.

REPORTS OF CITY OFFICIALS

CITY ADMINISTRATOR

Ms. Fjell stated she wanted to make the council aware that the police department is going to upgrade their radios and that will come up at the next meeting for a vote. Ms. Fjell explained that the radios have not been working properly for some time and the radios are being discontinued and we can no longer get parts for the radios.

Mr. Ayers came before the council and stated the department has been having trouble with the radios, the officers are talking on the radios and the radio locks up and the officer must turn the radio off then back on for it to start working again. There are also several parts of town where the radios don't work at all.

Ms. Fjell directed the council to the audit letter that was passed out to them. Ms. Fjell stated the city had a successful audit for Fiscal Year 2021-2022.

MAYOR

None

CITY CLERK

None

MISCELLANEOUS

Mr. Young inquired about the status of the city's approval of the Kemper Village Apartment application. Ms. Fjell stated that the city had only approved the resolution of support and she also reminded the council that because we are a third-class city their role in approving development plans is to ensure compliance with the city's ordinances regarding development.

Mr. Turner asked if there is anything city staff are doing to ensure existing ordinances are staying up to date. Ms. Fjell stated she and Teresa Studley are getting ready to start an ordinance review and go through each ordinance.

Mr. Turner asked why there is a policy in place that at meetings during public comments the speaker is only allowed 3 minutes and cannot ask questions. Ms. Fjell stated it doesn't have to be like that and can be changed but there are times when the meetings can get off topic very quickly. It is set up like that so the meetings can move through smoothly and at a quicker pace.

ADJOURN

With no further discussion, Mr. Young moved, and Mr. Turner seconded the motion to adjourn at 8:11 p.m. and the voice vote was unanimous.

Respectfully Submitted,

Amber Davis, City Clerk

Approved:

Ned Beach, Mayor

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 **October 17, 2022** the sum of **\$448,349.64**

General Fund	\$70,899.97
Sanitation	\$31,477.88
CIP Tax	\$6,990.86
Water Works	\$31,381.45
Capital Projects	\$76.74
Waste Water	\$20,405.90
Tourism	\$1,093.43
Gaming	\$8,547.60
Parks/Water	\$272,995.81
Kemper Sales Tax	\$4,480.00
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 **\$448,349.64** 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 **October 17, 2022** read for the second time this **October 17, 2022** since a copy was made available prior to the meeting.

Approved **October 17, 2022** _____
Mayor

Endorsed **October 17, 2022** : 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

**2020 Census
Proposed Reapportionment of Ward Boundaries
October 10, 2022**

2010 Population for City of Boonville: 8,319

2020 Population for City of Boonville: 7,964

Net Decrease: 355 (4.267%)

2020 population figures with current ward boundaries and deviations:

Ward 1	1,912	-10.6%
Ward 2	2,272	+12.7%
Ward 3	2,098	-6.33%
Ward 4	1,682	-26.6%

Goal is to have as equal as possible population per ward for equality in voting – a 10% deviation has been determined acceptable.

So, 7,964 divided by 4 equals 1,991. 1,991 is the optimum population per ward.

And $1,991 - 10\% = 1,792$

And $1,991 + 10\% = 2,190$

City Staff evaluated the ward boundaries and studied the census tracts, guidelines, law, and facts on reapportionment and redistricting for the city. City Staff was assisted by Jennifer Bowden, Transportation Planner and GIS Specialist, with Mid-Mo Regional Planning Commission.

The following facts, criteria, guidelines and law were used in making the recommended ward boundary changes and population division:

- 1) Equality of ward population within 10% acceptable deviation.
- 2) Compactness of ward areas.
- 3) Inmate population included in the City population and accounted for in ward division.
- 4) Current serving council member to stay in existing ward.
- 5) Polling places accessible and meeting requirements of Election Official.

Recommended Ward Boundary changes – See Map with population division:

Ward 1	1,912	-10.6%
Ward 2	2,143	+6.3%
Ward 3	2,036	-3.19%
Ward 4	1,873	-18.32%

DATE: November 21, 2022

BILL NO. 2022-047

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF BOONVILLE, MISSOURI ADJUSTING AND AMENDING THE WARD BOUNDARIES FOLLOWING THE 2020 CENSUS; PROVIDING AN EFFECTIVE DATE; THEREFORE, AND REPEALING ALL ORDINANCES IN CONFLICT WITH THIS ORDINANCE.

WHEREAS: the 2020 Census figures by Ward for Boonville were reported and the population distribution by ward required an adjustment of the boundaries of the City's four wards to afford equality in voting and representation; and

WHEREAS: the City partnered with Jennifer Bowden, Transportation Planner and GIS Specialist, Mid-Mo Regional Planning Commission, to assist in the mapping and reallocation of population by testing various ward boundaries; and

WHEREAS: City Staff evaluated the ward boundary option before recommending to City Council; and

WHEREAS: the option presented herein as **Exhibit "A"** containing a written description and **Exhibit "B"** displaying a map of the proposed new ward boundaries, is the best ward boundary division for population equality and representation, compactness of the wards and retention of neighborhood and historic boundaries.

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

SECTION 1: That the City Council hereby approves and accepts the new ward boundaries as presented in **Exhibit "A"** and in the corresponding Ward Map in **Exhibit "B"**.

SECTION 2: That the City Clerk is hereby authorized and instructed to file and record a certified copy of this ordinance with the Cooper County Recorder of Deeds, County Assessor, County Clerk, and County Collector.

SECTION 3: This Ordinance shall take effect and be in full force from and after the date of passage.

SECTION 4: That all ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

FIRST READING: OCTOBER 17, 2022

SECOND READING: NOVEMBER 7, 2022

READ FOR THE THIRD TIME AND PASSED THIS 21ST DAY OF NOVEMBER, 2022, AFTER A COPY OF THIS ORDINANCE AND REDISTRICTING MAP HAVE BEEN MADE AVAILABLE FOR PUBLIC INSPECTION PRIOR TO ITS FIRST AND SECOND READINGS.

PRESIDENT OF THE COUNCIL

APPROVED THIS 21ST DAY OF NOVEMBER, 2022

NED BEACH, MAYOR

ATTEST:

AMBER DAVIS, CITY CLERK

EXHIBIT A
CITY OF BOONVILLE, MISSOURI
WARD BOUNDARIES FOLLOWING THE 2020 CENSUS RESULTS
EFFECTIVE NOVEMBER 21, 2022

First Ward

The First Ward embraces all that part of the city which lies east of Main (Fifth) Street and north of the following line, to wit:

Beginning at the corner of Main (Fifth) Street and Bingham Road (Highway 87), thence running east on Bingham Road (Highway 87) to Seventh Street, thence north on Seventh Street to Spruce Street, thence east on Spruce Street to Seventh Street Terrace and continuing east on Gmelich Street to Pendleton Avenue, thence north on Pendleton Avenue to Locust Street, thence east on Locust Street to Eleventh Street, thence continuing east on Locust Street 930 feet, thence north 469 feet through the Boonville Correctional Center (BCC) between housing units 1 and 2, thence north-northeast on a BCC private drive to east-west BCC private drive, thence east to the BCC eastern-perimeter road, thence north to the next BCC private-road intersection, thence east through the BCC to Al Bersted Drive, thence north on Al Bersted Drive to Morgan Street, thence east on Morgan Street to the Lily Branch to the city limits.

Second Ward

The Second Ward embraces all that part of the city which lies west of Main (Fifth) Street and north and west of the following line, to wit:

Beginning at the corner of Main (Fifth) Street and Ashley Road (Highway 5), thence west and south along Ashley Road (Highway 5) to Sportsman Road (Old Highway 40), thence continuing west on Sportsman Road (Old Highway 40) for 1,907.55 feet to Katy Trail State Park overpass/culvert, thence continuing north on the Katy Trail for 1,946.55 feet to the city limits.

Third Ward

The Third Ward embraces all that part of the city which is encompassed by the following line running, to wit:

Beginning at the city limits on the Katy Trail State Park, 1,946.55 feet north of Sportsman Road (Old Highway 40) Katy Trail State Park overpass/culvert, thence continuing south on the Katy Trail for 1,946.55 feet to Sportsman Road (Old Highway 40) Katy Trail State Park overpass/culvert, thence continuing east on Sportsman Road to Ashley Road (Highway 5), then north and east on Ashley Road (Highway 5) to Main (Fifth) Street, thence south on Main (Fifth) Street to Bingham Road (Highway 87), then east on Bingham Road (Highway 87) to Jefferson Drive, then south on Jefferson Drive to the end, thence continuing south 196 feet to Weyland Road, then south on Tisdale Drive to the city limits.

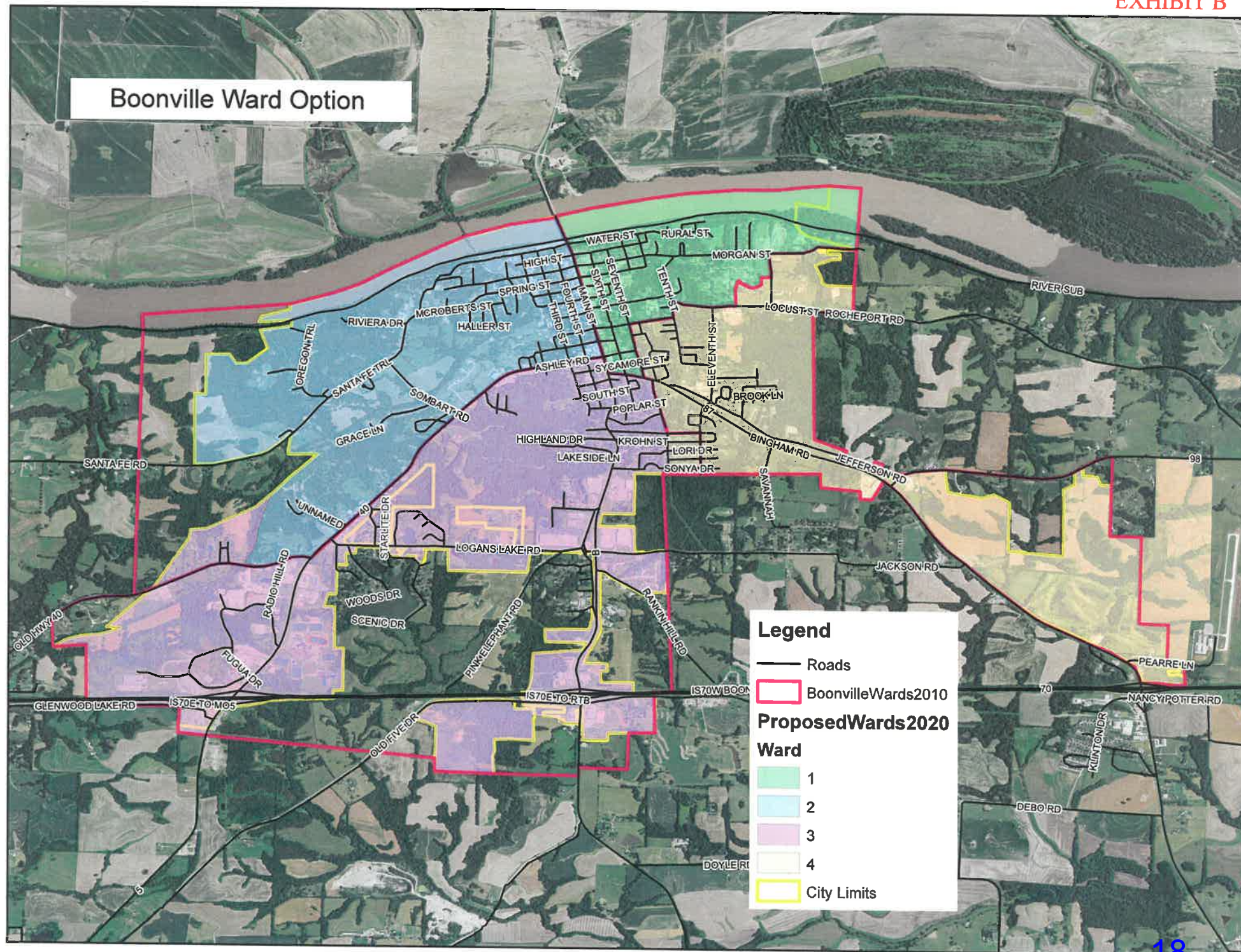
Fourth Ward

The Fourth Ward embraces all that part of the city which is encompassed by the following two lines running, to wit:

#1: Beginning at a point on Bingham Road (Highway 87) intersecting with Seventh Street, thence north on Seventh Street to Spruce Street, thence east on Spruce Street to Seventh Street Terrace and continuing east on Gmelich Street to Pendleton Avenue, thence north on Pendleton Street to Locust Street, thence east on Locust Street to Eleventh Street, thence continuing east on Locust Street 930 feet, thence north 469 feet through the Boonville Correctional Center (BCC) between housing units 1 and 2, thence north-northeast on a BCC private drive to east-west BCC private drive, thence east to the BCC eastern-perimeter road, thence north to the next BCC private-road intersection, thence east through the BCC to Al Bersted Drive, thence north on Al Bersted Drive to Morgan Street, thence east on Morgan Street to the Lily Branch to the city limits.

#2: Beginning at a point on Bingham Road and Seventh Street, then east on Bingham Road to Jefferson Drive, thence south on Jefferson Drive to the end, thence continuing south 196 feet to Weyland Road, then south on Tisdale Drive to the city limits.

Boonville Ward Option





Boonville Police Department
401 E. Morgan St.
Boonville, MO. 65233
Chief of Police Randy Ayers
Phone: 660-882-2727
Office: 660-882-4016
Fax: 660-882-6604
randy.ayers@boonvillepd.org

Date: September 27, 2022

To: Mayor and Members of the City Council

From: Chief Randy Ayers

Subject: Police Department Radios

For several years now we have been having communication issues with our (iCOM) mobile and portable radios that we are currently using. Our radio service is aware of our communication issues and have tried numerous times to correct the issues but to no avail. Updates and firmware fixes have not assisted in the issues and our radio service doesn't seem to have any ideas on a fix.

The trouble that we are having involves mobile radios in patrol vehicles locking up and not allowing officers to communicate with dispatch or other patrol units. The radios must be turned off and then powered back up before any communication can resume. This issue is happening several times during a shift and poses a threat to officers safety. Officers have reported that patrol units they drive must power their radio off and back on sometimes 10 times per shift.

Portable radios are unable to communicate in numerous areas in Boonville and have very weak signals inside houses and buildings. Again, our radio service attempted numerous times to fix the issue with portable communications such as adding repeaters inside of our patrol units but this didn't seem to resolve the issues. Antennas were changed on the portable radios and a small improvement was noticed but dispatchers advised that the signal from the portable radios is very weak and numerous times they don't receive all the transmission and constantly must have the officers to repeat what they had just said again or sometimes several times before they can understand what is being said.

Looking into the communication issues it was discovered that the current portable radios that we use have been discontinued and could cause a part, and replacement issue when we need to fix or purchase new ones in the future.

The portable radios that we currently use are not a dual band radio and run on 136 MHZ to 520 MHZ. The Missouri State Highway Patrol oversees the Missouri Statewide Interoperability Network (MOSWIN) for our communications. New tower(s) are in the process of being put into service in the Boonville area and we have been told that the tower(s) will be using 700 MHZ. The current radios we use cannot use 700 MHZ as they are only 136 MHZ to 520 MHZ frequencies.

This is some of the issues that the police department is having with our communications and there are others as well.

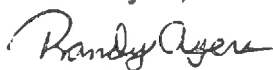
The police department reached out to Wireless USA and was allowed to use a (Motorola) loner mobile radio setup and a portable radio. Officers were allowed to use the loaner radio for about 1 month. During the use of the loaner radio officers contacted me and said that the radio setup was like "night and day" difference. Dispatch said that the communication with officers was noticeably clear and noticeably better than what the police department was currently using.

Officers tested the portable radios in buildings , low areas, and places that we currently are unable to communicate with dispatch on portable radios and the officers said that dispatch and other patrol units could hear them clearly and there was never any communication that needed to be repeated. The portable radio was used inside a factory on the factory floor with machinery working and was able to communicate without any issues. Officers were all extremely impressed with the communication that the loaner portable was capable of and said that the current portable radios we use would not communicate outside the factory building or even in the general area.

I have talked with Kate and we have been in contact with the Cooper County Commissioners regarding asking them for a portion of the American Rescue Plan Act (ARPA) funds to update our communications and allowing us to purchase 11 new Motorola 8500 mobile radios, 21 new Motorola 8000 portable radios, and 8 VRX Repeaters. The Cooper County Commissioners supported the idea of updating the police department's communications and agreed to distributing enough ARPA funds to support the project.

I ask for your support in what I feel is a prominent issue in the department. Boonville is growing and the police department needs to have the right communication infrastructure in place to continue to provide the best emergency services possible.

Thank you,



Randy Ayers



Billing Address:
Boonville Police Department
401 E. Morgan St
Boonville, MO 65233
US

Quote Date:09/01/2022
Expiration Date:11/02/2022
Quote Created By:
John Briggs
john.briggs@wirelessusa.com

End Customer:
Boonville Police Department
Lucas Robinson
lucas.robinson@boonvillepd.org
660-882-2727

Contract: 21810 - JOHNSON COUNTY
(KS)

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 8500					
1	M37TSS9PW1AN	APX8500 ALL BAND MP MOBILE	11	\$5,667.00	\$3,400.20	\$37,402.20
1a	G51AT	ENH:SMARTZONE	11	\$1,650.00	\$990.00	\$10,890.00
1b	G78AT	ENH: 3 YEAR ESSENTIAL SVC	11	\$176.00	\$176.00	\$1,936.00
1c	GA05509AA	DEL: DELETE UHF BAND	11	-\$800.00	-\$480.00	-\$5,280.00
1d	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	11	\$0.00	\$0.00	\$0.00
1e	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	11	\$66.00	\$39.60	\$435.60
1f	G444AH	ADD: APX CONTROL HEAD SOFTWARE	11	\$0.00	\$0.00	\$0.00
1g	G67EH	ADD: REMOTE MOUNT E5 MP	11	\$327.00	\$196.20	\$2,158.20
1h	G806BL	ENH: ASTRO DIGITAL CAI OP APX	11	\$567.00	\$340.20	\$3,742.20
1i	GA01670AA	ADD: APX E5 CONTROL HEAD	11	\$717.00	\$430.20	\$4,732.20
1j	W22BA	ADD: STD PALM MICROPHONE APX	11	\$79.00	\$47.40	\$521.40



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.



Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
1k	G361AH	ENH: P25 TRUNKING SOFTWARE APX	11	\$330.00	\$198.00	\$2,178.00
1l	G843AH	ADD: AES ENCRYPTION AND ADP	11	\$523.00	\$313.80	\$3,451.80
1m	W969BG	ADD: MULTIKEY OPERATION	11	\$363.00	\$217.80	\$2,395.80
1n	GA00631AA	ADD: DVRS MSU ACTIVATION	11	\$275.00	\$165.00	\$1,815.00
1o	G89AC	ADD: NO RF ANTENNA NEEDED	11	\$0.00	\$0.00	\$0.00
1p	GA01779AA	ADD: RANGE EXTENSION Y CABLE	11	\$138.00	\$82.80	\$910.80
	APX™ 8000 Series	APX8000				
2	H91TGD9PW6AN	APX 8000 ALL BAND PORTABLE MODEL 2.5	20	\$7,108.00	\$4,264.80	\$85,296.00
2a	Q806CB	ADD: ASTRO DIGITAL CAI OPERATION	20	\$567.00	\$340.20	\$6,804.00
2b	Q361AN	ADD: P25 9600 BAUD TRUNKING	20	\$330.00	\$198.00	\$3,960.00
2c	Q58AL	ADD: 3Y ESSENTIAL SERVICE	20	\$121.00	\$121.00	\$2,420.00
2d	H38BS	ADD: SMARTZONE OPERATION	20	\$1,650.00	\$990.00	\$19,800.00
2e	H869BW	ENH: MULTIKEY	20	\$363.00	\$217.80	\$4,356.00
2f	Q629AH	ENH: AES ENCRYPTION AND ADP	20	\$523.00	\$313.80	\$6,276.00
2g	QA00631AB	ADD: DVRS PSU ACTIVATION	20	\$110.00	\$66.00	\$1,320.00
3	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	20	\$169.56	\$101.74	\$2,034.80
4	PMMN4069AL	MICROPHONE,IMPRES RSM, 3.5MM JACK, IP55	20	\$143.64	\$86.18	\$1,723.60
5	HAF4016A	UNITY GAIN ANTENNA QUARTERWAVE 762-870MHZ - ROOF MOUNT	11	\$24.84	\$21.11	\$232.21



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Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
6	HAD4021A	VHF ANT WIDEBAND 136-174 MHZ	11	\$64.80	\$38.88	\$427.68
	VRX1000					
7	TT05951AA	VRX1000 P25 DIGITAL CONVENTIONAL OPERATION	8	\$2,385.00	\$2,385.00	\$19,080.00
8	TT06279AA	DVR/VRX FOR USE WITH ALL BAND APX8500 MOBILE	8	\$0.00	\$0.00	\$0.00
9	DDN2080A	VRX1000 CROSS-BAND 1 YEAR EXTENDED HARDWARE WARRANTY	8	\$212.50	\$212.50	\$1,700.00
10	HAE4003A	UNITY GAIN ANTENNA UHF 450-470 QUARTERWAVE - ROOF MOUNT	8	\$23.22	\$19.74	\$157.92
11	TT2793A	VRX1000 - UHF 380-512 MHZ	8	\$3,411.00	\$3,411.00	\$27,288.00
12	TT05953AA	VRX1000 P25 ENHANCED TRUNKING OPERATION	8	\$2,329.00	\$2,329.00	\$18,632.00
13	H1919A	MULTIPLEXER QMA	8	\$275.00	\$165.00	\$1,320.00
	APX™ 8500					
14	M37TSS9PW1AN	APX8500 ALL BAND MP MOBILE	1	\$5,667.00	\$3,400.20	\$3,400.20
14a	G51AT	ENH:SMARTZONE	1	\$1,650.00	\$990.00	\$990.00
14b	G78AT	ENH: 3 YEAR ESSENTIAL SVC	1	\$176.00	\$176.00	\$176.00
14c	GA05509AA	DEL: DELETE UHF BAND	1	-\$800.00	-\$480.00	-\$480.00
14d	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	1	\$0.00	\$0.00	\$0.00
14e	G89AC	ADD: NO RF ANTENNA NEEDED	1	\$0.00	\$0.00	\$0.00
14f	G444AH	ADD: APX CONTROL HEAD SOFTWARE	1	\$0.00	\$0.00	\$0.00
14g	GA01517AA	DEL: NO J600 ADAPTER CABLE NEEDED	1	\$0.00	\$0.00	\$0.00
14h	QA05751AA	ADD: NO ENCRYPTION, CLEAR RADIO (NO ADP) (US ONLY)	1	\$0.00	\$0.00	\$0.00



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Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
14i	G806BL	ENH: ASTRO DIGITAL CAI OP APX	1	\$567.00	\$340.20	\$340.20
14j	GA01670AA	ADD: APX E5 CONTROL HEAD	1	\$717.00	\$430.20	\$430.20
14k	W22BA	ADD: STD PALM MICROPHONE APX	2	\$79.00	\$47.40	\$94.80
14l	G361AH	ENH: P25 TRUNKING SOFTWARE APX	1	\$330.00	\$198.00	\$198.00
14m	G609AC	ADD: REMOTE MOUNT CABLE 50 FT APX	2	\$39.00	\$23.40	\$46.80
14n	GA00092AU	ADD: APXM DUAL E5 CH	1	\$627.00	\$376.20	\$376.20
14o	G67EH	ADD: REMOTE MOUNT E5 MP	1	\$327.00	\$196.20	\$196.20
14p	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	2	\$66.00	\$39.60	\$79.20
15	RMN5050A	LTD DESKTOP MOBILE MIC	2	\$129.60	\$77.76	\$155.52
16	HPN4007D	POWER SUPPLY 14V 15A UNI 110/240 VAC US PLUG	1	\$319.68	\$191.81	\$191.81

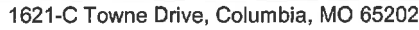
Grand Total **\$276,312.54(USD)**

Notes:

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



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CUSTOMER	Booneville PD (Sales)	PHONE	660-882-2727
ADDRESS	401 E Morgan St, Booneville, MO 6	FAX	
CONTACT	Chief Randy Ayers	DATE	10/4/2022

[illegible]

LABOR TOTAL FROM PAGE 2	
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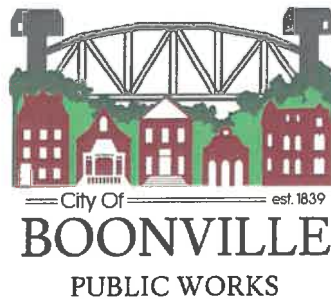
LABOR TOTAL FROM PAGE 3

	TAX RATE
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GRAND TOTAL	\$6,010.18
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EXCEPTIONS: This quote covers 11 Trunk mount installations of APX8500 mobiles and 8 installations of Futurecom vehicle repeaters. Any additional tasks will be billed at an hourly rate.

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MEMORANDUM

TO: Kate Fjell, City Administrator

FROM: Jeff Ditto, Director of Public Works

DATE: October 11, 2022

RE: Purchase of Highway De-Icing Salt

We received two responses to our request for bids for the purchase of Highway De-Icing Salt:

Central Salt, Lyons Mine- \$86.41
Gunther Salt- \$123.65

I sent our request to six vendors.

The price is per ton, delivered to 1200 Locust Street. The allocation requested in the call for bids was 1000 tons.

I recommend we accept the bid of Central Salt.

Past year's price:

2017-2018 \$72.05 per ton, Compass Minerals
2018-2019 \$92.04 per ton, Compass Minerals
2019-2020 \$95.45 per ton, Central Salt
2020-2021 \$72.74 per ton, Compass Minerals
2021-2022 \$76.14 per ton, Central Salt

RESOLUTION NO. R2022-18

A RESOLUTION OF THE CITY OF BOONVILLE, MISSOURI AUTHORIZING AND APPROVING AN AGREEMENT BETWEEN RYAN CONSTRUCTION AND THE CITY OF BOONVILLE, MISSOURI PERTAINING TO FOX HOLLOW WATERLINE; AND PROVIDING AN EFFECTIVE DATE THEREFORE

WHEREAS, the City of Boonville has solicited and received bids for this project and determined that **Ryan Construction** represents the best bid pursuant to the purchasing code set forth in Section 2-20 of the City of Boonville Code of Ordinances.

THEREFORE, be it resolved by the City Council of the City of Boonville, Missouri, as follows:

SECTION 1: That a certain Agreement between **Ryan Construction** and the City of Boonville, Missouri relating to the **Fox Hollow Waterline** a copy of which is marked "**Exhibit A**" is attached hereto and made a part hereof, is hereby approved.

SECTION 2: That the City Administrator and the City Clerk are hereby authorized to execute and attest said agreement on behalf of the City of Boonville.

SECTION 3: This resolution shall take effect and be in full force from and after its passage and approval.

Passed this 17th day of October 2022, by the City Council of Boonville, Missouri

Ned Beach, Mayor

ATTEST:

Teresa Studley, City Clerk

FOX HOLLOW DRIVE WATERLINE BID
CITY OF BOONVILLE, MISSOURI

Bid Opening 10-6-2022

				Bidder #1		Bidder #2	
				Ryan Construction 1495 Old Hwy 40 Suite C Columbia, MO 65202		Emery Sapp & Sons 2301 I-70 Drive NW Columbia, MO 65202	
Item #	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$ 5,250.00	\$ 5,250.00	\$ 7,750.00	\$ 7,750.00
2	Traffic Control	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,990.00	\$ 1,990.00
	8" Water Main (tees, bends, restraints, flush assemblies, casing spacers, thrust blocking and anchors are incidental part of water main pricing)	2532	LNFT	\$ 47.00	\$ 119,004.00	\$ 49.00	\$ 124,068.00
4	8" Gate Valves	8	EACH	\$ 2,050.00	\$ 16,400.00	\$ 2,330.00	\$ 18,640.00
5	6" Gate Valves	2	EACH	\$ 1,750.00	\$ 3,500.00	\$ 1,610.00	\$ 3,220.00
6	8"x8"x8" Tapping Sleeve (Including Live Tap)	1	EACH	\$ 3,000.00	\$ 3,000.00	\$ 4,715.00	\$ 4,715.00
	Fire Hydrant Assembly (Including 6" gate valve, bend, tee, restraints, thrust blocking & anchors)	4	EACH	\$ 7,750.00	\$ 31,000.00	\$ 6,725.00	\$ 26,900.00
8	Testing & Disinfection	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 6,575.00	\$ 6,575.00
9	Seeding & Restoration	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 2,945.00	\$ 2,945.00
10	Contingency	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
TOTAL BID				\$ 197,654.00		\$ 211,803.00	

**BOARD OF PUBLIC WORKS
MEETING
September 29, 2022**

NOTICE POSTED: Monday September 19th, 2022, at 1:00pm

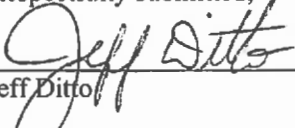
The Board of Public Works met at the City Services Building at 1200 Locust, 5:30 p.m. Sept. 29, 2022.

ROLL CALL: Voting Members Present; Curtis Robertson & Van Donley. Non-Voting Members Present; Jeff Ditto, Director of Public Works. Voting Members absent were Ed Scrivner. Council Representative Barry Elbert was present.

Without a quorum of voting members, the meeting was cancelled.

The next regularly scheduled meeting is October 27, 2022.

Respectfully submitted,



Jeff Ditto

Approved by:

Chairman



REPORT OF OPERATIONS

Boonville, Missouri

Water Treatment Plant

September 2022

Submitted by Alliance Water Resources, Inc.

October 17, 2022

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

September 2022

Administrative

- Russell Gerling attended Supervisor Training in Columbia, Mo.

Treatment

- Normal operations and filter maintenance were performed this month.
- Shannahan Crane was here to perform the annual crane inspection.
- The staff repaired the sink in the Men's Restroom
- The staff replaced the spray nozzle in the Breakroom.
- The wiper assembly in UV Reactor #2 failed to operate. Trojan Tech Support was contacted. The staff operated the plant without the UV System operating. We remained in compliance with MoDNR during this time. A Trojan Technician arrived to investigate and repair the problem. The wiper assembly in UV Reactor #2 required repairs. The wiper assembly was shut off, allowing us to operate the UV Reactor to maintain compliance with MoDNR. The Trojan Technician ordered all the necessary parts to rebuild both UV Reactors.
- The staff installed a used UV Lamp Driver Ballast in UV Panel #1 for Lamp #1.
- Utility Services was at the Water Treatment Plant to investigate a possible water leak in the Water Treatment Plant Tower. It was determined that a rigging hole that is used for climbing the outside of the tower has a bad seal and is leaking. The water level in the tower was lowered approximately 1 foot to stop the water leaking. Utility Services is planning to repair this next year when they perform the draining, cleaning, and inspection of the water tower.
- The staff installed new 4-foot LED lights in the basement of the water treatment plant above the UV reactors.
- The staff found the spring-loaded valve on the sodium permanganate tote pump to be stuck open. The staff disassembled, cleaned, and reassembled it.
- The staff greased and added oil to the gear boxes on the Pre-Sed Primary Clarifier and the Pre-Sed Secondary Clarifier.
- The staff converted the old florescent lights in the Sodium Permanganate Room to LED lights.

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 installed a new “Copper Sulfate” sign on the Chem Shed.

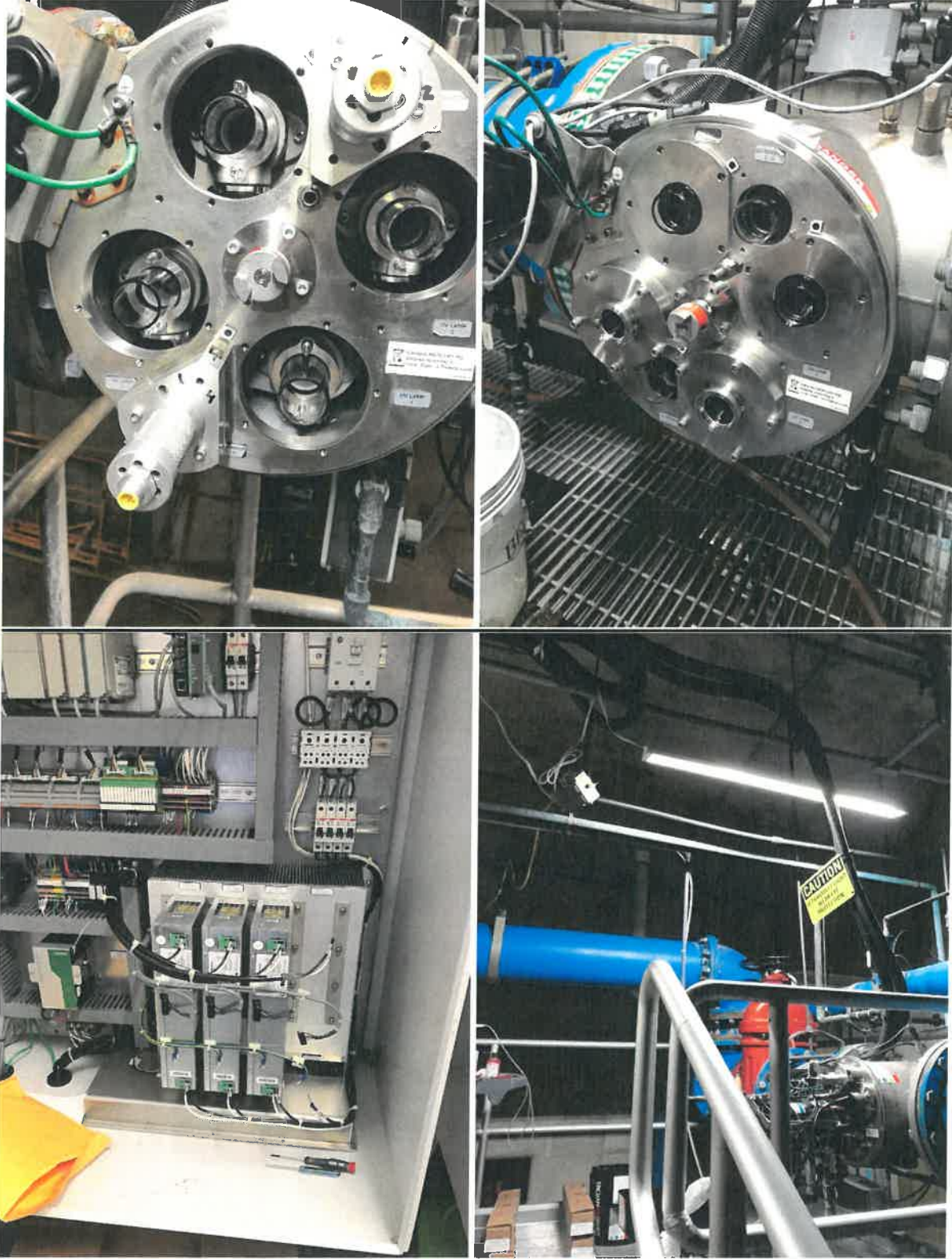
Regulatory

- Ten water samples were collected throughout the water distribution system. All samples tested were absent of Total Coliform and E-Coli. Report was sent to DNR. (See attached)
- Water samples were collected for monthly Total Organic Carbon (TOC) testing and were transported to the State Health Lab.
- The staff sent the CCR Certification form the MoDNR.
- Water samples were collected for quarterly Synthetic Organic Compound (SOC) testing and transported to the state health lab.
- Water samples were collected for quarterly Total Trihalomethane (TTHM) testing and transported to the state health lab.
- Water samples were collected throughout the city for triennially Lead and Copper Testing and transported to the state health lab.

Concerns for the Month.

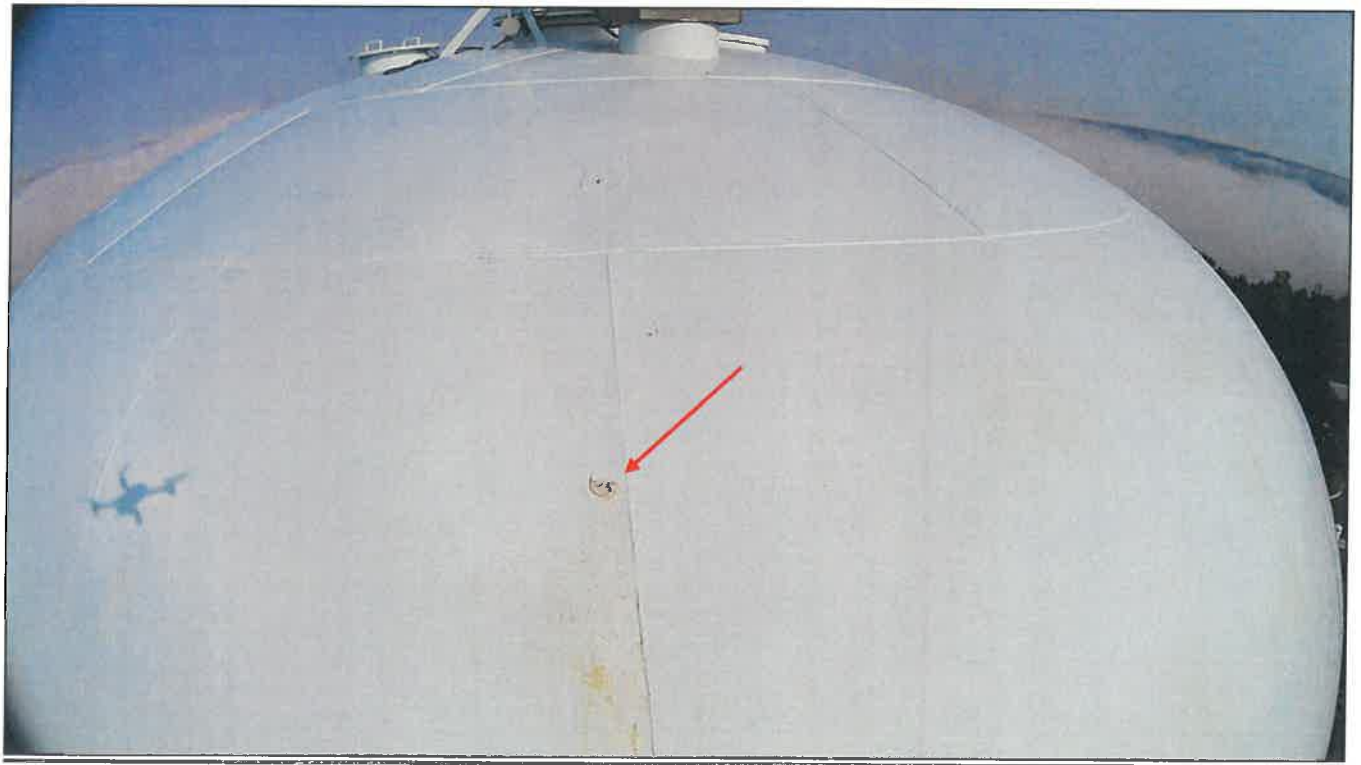
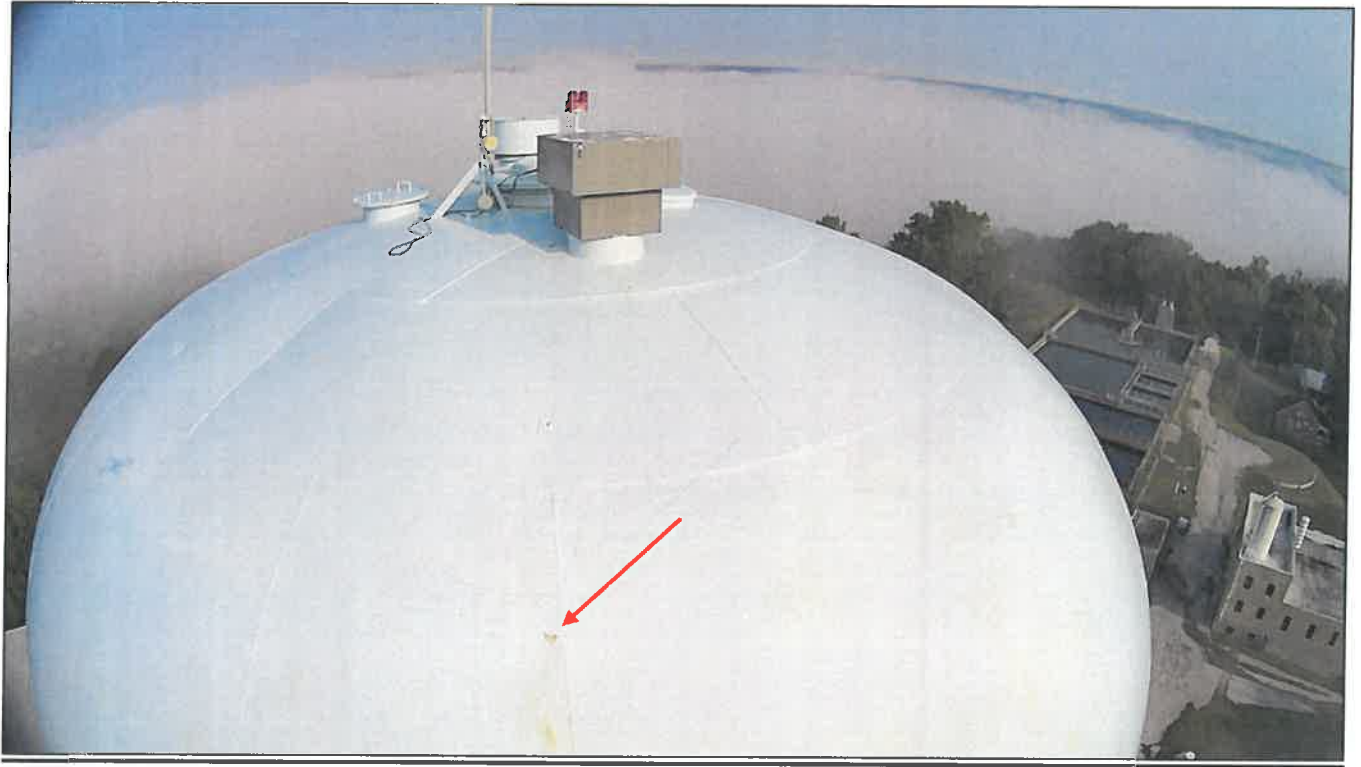
- None at this time.

Photos



WATER RESOURCES®
Alliance
Professional Water and Wastewater Operations
OPERATIONS REPORT – Boonville

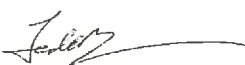






MO 780-0438 (05-13)

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 MO3010089		MONTH SEPTEMBER	
ADDRESS 901 RIVIERA DRIVE				PHONE (660) 882-4021		2022	
CITY BOONVILLE, MO		ZIP CODE 65233		COUNTY COOPER COUNTY		PLANT Main Plant	
<i>(See instructions on back of this sheet)</i>							
DISTRIBUTION DISINFECTION 1. Number of samples analyzed, A: <u>10</u> 2. Number of samples below 0.2 mg/L, B: <u>0</u> $[(A-B)/A \times 100 = C: \quad \underline{100} \text{ \% meeting}$ minimum disinfection required. 3. Avg. dsfctnt residual for month: <u>2.35</u> mg/l				TURBIDITY 1. Total number measurements taken monthly, A: <u>189</u> 2. number of measurements below 0.3 NTU, B: <u>189</u> $[B/A] \times 100 = C: \quad \underline{100} \text{ \% meeting}$ turbidity requirements.			
Date	Hours of Operation	Finished Water Temperature (C)	Lowest disinfectant at entrance to distribution system (mg/L) ☐ Free Chlorine ☒ Chloramines	Highest turbidity measurement of the day	Duration disinfectant fell below 0.5 mg/L free Cl2 or 1 mg/L chloramines	Value of turbidity measurements that exceed	
						1 NTU	5 NTU
1	6.25	27	2.15	0.04	0	0	0
2	6.00	27	2.14	0.05	0	0	0
3	4.75	26	2.20	0.05	0	0	0
4	5.75	26	2.35	0.04	0	0	0
5	5.50	26	2.29	0.04	0	0	0
6	5.00	25	2.15	0.04	0	0	0
7	8.25	26	2.49	0.05	0	0	0
8	7.50	26	2.26	0.06	0	0	0
9	5.25	25	2.27	0.06	0	0	0
10	6.00	25	2.20	0.05	0	0	0
11	5.25	25	2.32	0.05	0	0	0
12	5.25	25	2.28	0.05	0	0	0
13	5.25	25	2.20	0.05	0	0	0
14	5.75	24	2.28	0.04	0	0	0
15	5.50	24	2.31	0.05	0	0	0
16	6.00	24	2.52	0.04	0	0	0
17	4.75	24	2.34	0.05	0	0	0
18	5.50	25	2.40	0.05	0	0	0
19	6.00	24	2.33	0.05	0	0	0
20	5.50	24	2.26	0.04	0	0	0
21	6.25	24	2.16	0.04	0	0	0
22	5.25	25	2.05	0.04	0	0	0
23	5.50	24	2.12	0.04	0	0	0
24	5.00	24	2.19	0.04	0	0	0
25	4.75	24	2.22	0.04	0	0	0
26	7.25	23	2.27	0.06	0	0	0
27	4.75	23	2.29	0.05	0	0	0
28	7.25	22	2.15	0.06	0	0	0
29	5.50	22	2.18	0.06	0	0	0
30	5.75	22	2.57	0.05	0	0	0
Name of Person Preparing Report Todd W. Baslee			Signature of Responsible Official 			DATE 10/3/2022	

MO 780-1904 (12-04)

INSTRUCTIONS: DISINFECTION AND TURBIDITY REPORT FOR SURFACE WATER SYSTEMS < 10,000 POPULATION

1. Please fill out information completely and legibly.

Distribution Disinfection

1. On Line 1., enter the total number of samples from the distribution system that were 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 (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.

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 by the end of the next business day.

INDIVIDUAL FILTER MONITORING & REPORTING

1. Was filter continuously monitored for turbidity and results recorded every 15 minutes?
2. Was there a failure of the continuous turbidity monitoring equipment?

YES

NO

If yes on 2., was the equipment repaired within 5 working days, or 14 days with department approval?

N/A

3. Was any individual filter level >1.0 NTU in two (2) consecutive recording fifteen (15) minutes apart?

NO

{If YES, perform "follow-up actions" no. 1}

4. Was any individual filter level, for three (3) months in a row > 1.0 NTU in two (2) consecutive recordings, fifteen (15) minutes apart?

NO

{If YES, perform "follow-up actions" no.2}

5. Was any individual filter turbidity level >2.0 NTU in two (2) consecutive recordings, fifteen (15) minutes apart for two (2) consecutive months?

NO

{If YES, perform "follow-up actions" no. 3}

"FOLLOW-UP ACTIONS TO PERFORM"

1. Report filter number(s); turbidity measurements which exceed 1 NTU; and date(s) the exceedance(s) occurred and causes if known.
2. Conduct a "Self-Assessment" of the filter(s) within fourteen (14) days of the triggering event. The system must report the date the self-assessment was triggered and the date it was completed.
3. The system must arrange to have a "Comprehensive Performance Evaluation" (CPE) performed not later than sixty (60) days following the triggering event. The CPE must be completed and submitted to the department within 120 following the trigger 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 September 2022	
ADDRESS 901 Riviera Drive		TELEPHONE NUMBER WITH AREA CODE 660-882-4021		EMAIL ADDRESS tbaslee@alliancewater.com	
CITY Boonville		ZIP CODE 65233		COUNTY Cooper	

3. Unit	4. Total Run Time (hrs)	5. Total Volume (MG)	6. Dosage (mJ/cm ²)	7. Number of Off-Specification Events	8. Total Off-Specification Volume (MG)
1 - Transfer	0.00	0.00	N/A	N/A	N/A
2 - Tower	172.25	31.867	0.00	1	1.139

9. TOTAL VOLUME OF OFF-SPECIFICATION WATER PRODUCED (MG) [A] 1.139		10. TOTAL VOLUME OF WATER PRODUCED (MG) [B] 31.867	
11. PERCENT OF OFF-SPECIFICATION WATER PRODUCED ([A]/[B]*100) 3.57%		12. PERCENT OF OFF-SPECIFICATION WATER PRODUCED <5 PERCENT ☒ YES ☐ NO	

13. Of the 8 sensors, 4 have been checked for calibration and _____ were within the acceptable range of tolerance.

14. The following reactors had a sensor correction factor	Unit	Sensor correction factor

15. COMMENTS
The Transfer reactor is still down waiting for Trojan to show up for maintenance. On 6 Sept, the Tower reactor failed. We had to pump off-spec water for the entire day. Because of this failure of both reactors, Trojan sent out a field tech over night. The tech got the Tower reactor back up and running by start-up on 7 Sept. The rest of the month, the field tech was on site off and on, ordering proper parts, repairing, and troubleshooting both systems.

16. NAME OF PERSON PREPARING REPORT Todd Baslee	17. SIGNATURE OF RESPONSIBLE OFFICIAL 	DATE 10/7/2022
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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
MO0004081	FACA
Monitoring Period	
9/1/22	9/30/22
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	0.744	0.367	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	*****	*****	*****	*****	5.446	0.144	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

Boonville WTP
Boonville
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 Russell Gerling	Submission Date October 3, 2022	User Phone Number (573)476-4395
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Company WO Summary

WO Range 9/7/2022

WO #	Site	WO Title	Status	Start / Due	Completed / Closed	Time on Hold	Type	Category	Hours	Costs			
										Labor	Parts	Invoice	Total
3129343	Boonville	Ladder Inspections	On Hold	9/7/2022		15 Days 15:50 Hours	PM	Safety	00:00	.00	.00	.00	.00
				9/14/2022									
3134423	Boonville	Check and Replace Filter as Needed & Check Coils At River Pumphouse	Closed	9/10/2022	9/20/2022		PM	HVAC	00:00	.00	.00	.00	.00
				9/15/2022	9/20/2022								
3134424	Boonville	Check HVAC Filter & Coils In Main Plant Replace or Clean	Closed	9/10/2022	9/19/2022		PM	HVAC	00:00	.00	.00	.00	.00
				9/15/2022	9/19/2022								
3134425	Boonville	Clean or Replace Lab Air Cleaner Filter Over Lab Desk	Closed	9/10/2022	9/15/2022		PM	HVAC	00:00	.00	.00	.00	.00
				9/15/2022	9/15/2022								
3134426	Boonville	Clean or Replace Lab Air Cleaner Filter Over Lab Work Area	Closed	9/10/2022	9/15/2022		PM	HVAC	00:00	.00	.00	.00	.00
				9/15/2022	9/15/2022								
3134427	Boonville	Check, Clean or Replace HVAC Filters & Wash Coils on North Unit	Closed	9/10/2022	9/9/2022		PM	HVAC	00:00	.00	.00	.00	.00
				12/8/2022	9/15/2022								
3134428	Boonville	Check, Clean or Replace HVAC Filters & Wash Coils on South Unit	Closed	9/10/2022	9/9/2022		PM	HVAC	00:00	.00	.00	.00	.00
				12/8/2022	9/15/2022								
3137311	Boonville	Sensor Check - UV Tower Line	Closed	9/12/2022	9/29/2022		PM	General	00:00	.00	.00	.00	.00
				12/10/2022	9/30/2022								
3137312	Boonville	Sensor Check - UV Transfer Line	Closed	9/12/2022	9/29/2022		PM	General	00:00	.00	.00	.00	.00
				12/10/2022	9/29/2022								
3140252	Boonville	AWR Safety Meeting	Closed	9/14/2022	9/19/2022		PM	Safety	00:00	.00	.00	.00	.00
				9/21/2022	9/19/2022								
3141881	Boonville	Lubricate Both Aerator Blowers	Closed	9/15/2022	9/21/2022		PM	General	00:00	.00	.00	.00	.00
				12/13/2022	9/22/2022								
3142773	Boonville	Chlorine Hoist Monthly Check	Closed	9/15/2022	9/14/2022		PM	Safety	00:00	.00	.00	.00	.00
				9/20/2022	9/15/2022								
3142774	Boonville	Chlorine Sensor Check - Storage Room	Closed	9/15/2022	9/15/2022		PM	Safety	00:00	.00	.00	.00	.00
				9/20/2022	9/15/2022								
3142775	Boonville	Chlorine Sensor Check - Feed Room	Closed	9/15/2022	9/15/2022		PM	Safety	00:00	.00	.00	.00	.00
				9/20/2022	9/15/2022								
3171449	Boonville	Install new LED bulbs in Permanganate Room	Closed	9/29/2022	9/29/2022		WO	Electrical	00:00	.00	.00	.00	.00
				10/4/2022	9/30/2022								

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