



BOONVILLE

City of Boonville

December 18, 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. Sy Harvell

II. Roll Call

III. Hearing of Citizens' Comments

IV. Approval of Minutes

A. December 4 council minutes

V. Consent Items

A. Consider Pay App No. 3- **FINAL**-from Midstate Pipeline Maintenance in the amount of **\$13,596.16** for Sanitary Sewer improvements 2023.

VI. Presentation of Accounts and Claims

VII. Unfinished Business

A. Second Reading of Bill No. 2023-031 Ordinance amending the Solid Waste Collection Fees portion of the Schedule of Administrative Fees (Appendix G) in the Code of General Ordinances

B. Second Reading of Bill No. 2023-032 Accepting the streets at Boone Point

C. Second Reading of Bill No, 2023-033 Accepting the sewer lines and water distribution lines for Boone Point Subdivision

VIII. New Business

A. First Reading of Bill No. 2023-034 Amending Chapter 13 Alcohol and Chapter 14 Offenses-Miscellaneous

IX. Reports of Standing Committees

A. Public Works Monthly Report November 2023

B. Board of Public Works November 30, 2023 No Quorum

X. Reports of City Officials

A. City Administrator

B. Mayor

C. City Clerk

XI. Miscellaneous

XII. Closed Session

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.



BOONVILLE

City of Boonville

December 4, 2023

7:00 PM

City Council Chambers

525 E. Spring Street

Boonville MO 65233

I. Call to order – Pledge and Prayer

A. Andrew Cowherd

Call to order – The Boonville City Council met in Regular Session on December 4, 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. Andrew Cowherd led the prayer, after the pledge of allegiance.

II. Roll Call

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

III. Hearing of Citizens' Comments

None

IV. Approval of Minutes

A. November 20 council minutes

The minutes stand as submitted

V. Consent Items

A. Consider Pay App No. 1 from C&S Companies in the amount of **\$917,153.49 for Highway 87 Waterline Extension 2023.**

Mr. Venable moved and Mr. Davis seconded the motion to approve the consent items. Roll call was taken. Ayes: Cowherd, Harvell, Elbert, Venable, Davis, and Young. Total (6) Opposed: None(0). Absent: Bradley Atkinson and Susan Meadows (2).

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. Mr. Venable moved and Mr. Cowherd seconded the motion to approve the ordinance appropriating money.

Roll call was taken. Ayes: Cowherd, Harvell, Elbert, Venable, Davis, and Young. Total (6)
Opposed: None(0). Absent: Bradley Atkinson and Susan Meadows (2).

VII. Unfinished Business

None

VIII. New Business

A. First Reading of Bill No. 2023-031 Ordinance amending the Solid Waste Collection Fees portion of the Schedule of Administrative Fees (Appendix G) in the Code of General Ordinances

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

B. First Reading of Bill No. 2023-032 Accepting the streets at Boone Point

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

C. First Reading of Bill No, 2023-033 Accepting the sewer lines and water distribution lines for Boone Point Subdivision

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

IX. Reports of Standing Committees

A. Historic Preservation Commission

Minutes are in the packet.

X. Reports of City Officials

A. City Administrator

Ms. Fjell stated budget sessions would start at the next December meeting and go through March.

Ms Fjell stated The Kemper Apartments project with Chris Ales is moving forward and that is good news.

B. Mayor

C. City Clerk

Ms. Davis reminded the council of the upcoming election candidate filing starting December 5th through December 26.

XI. Miscellaneous

None

XII. Closed Session

- RSMo 610.021 (3) Personnel

Mr. Young moved and Mr. Venable seconded the motion to go into closed session Pursuant to RSMo 610.021 (3) Personnel.

Roll call was taken. Ayes: Cowherd, Harvell, Elbert, Venable, Davis, and Young. Total (6)
Opposed: None(0). Absent: Bradley Atkinson and Susan Meadows (2).

XIII. Adjourn

Upon returning to open session, Mr. Cowherd moved, and Mr. Davis seconded the motion to adjourn at 7:47. The voice vote was unanimous.

APPLICATION AND CERTIFICATE FOR PAYMENT (PAY ESTIMATE)

Original 1 of 6
Page 1 of 2

ENGINEER: Mecro Engineering Co., Inc.

CONTRACTOR: Midstate Pipeline Maintenance LLC

APPLICATION NO: 3

PROJECT NO: 454-298 Sanitary Sewer System Improvement 2023

OWNER: City of Boonville

APPLICATION DATE: 4-Dec-23

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

ORIGINAL CONTRACT SUM: \$277,360.00

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

CONTRACT SUM TO DATE: \$271,923.23

TOTAL COMPLETED & STORED TO DATE: \$271,923.23

RETAINAGE 0%: \$0.00

TOTAL EARNED LESS RETAINAGE: \$271,923.23

LESS PREVIOUS CERTIFICATES OF PAYMENT: \$258,327.07

CURRENT PAYMENT DUE: \$13,596.16

CONTRACT TIME LIMIT DATE: November 14, 2023

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	12/04/23		-\$5,436.77
TOTALS		\$0.00	-\$5,436.77

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

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.

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 \$ 13,596.16
(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.)

CONTRACTOR:

OWNER:

ENGINEER:

BY: [Signature]

BY: _____

BY: [Signature]

DATE: 12/4/23



MECO ENGINEERING COMPANY, INC.
ENGINEERS * SURVEYORS

2701 INDUSTRIAL DRIVE
JEFFERSON CITY, MO 65109

(573)893-5558

Pay Estimate No.3 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		1	0	\$0.00	\$30,500.00	0.00 LS
2	Traffic Control & Construction Signage	1	LS	\$ 12,000.00	\$ 12,000.00		1	0	\$0.00	\$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		236.3	0	\$0.00	\$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, CO #4)	0	LS	\$ 5,436.77	\$ -		0	0	\$0.00	\$0.00	0 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		1	0	\$0.00	\$36,648.23	0 LS
					Contract Total	\$ 271,923.23		\$0.00	\$271,923.23		

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 **December 18, 2023** the sum of **\$542,595.08**

General Fund	\$251,984.42
Sanitation	\$61,891.49
CIP Tax	\$54,896.00
Water Works	\$30,493.14
Capital Projects	\$8,431.98
Waste Water	\$40,674.71
Tourism	\$7,934.60
Gaming	\$84,801.00
Parks/Water	\$1,487.74
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 **\$542,595.08** 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 **December 18, 2023** read for the second time this **December 18, 2023** since a copy was made available prior to the meeting.

Approved **December 18, 2023** _____

Mayor

Endorsed **December 18, 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

BILL NO. 2023-031

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF BOONVILLE, MISSOURI AMENDING SOLID WASTE COLLECTION FEES PORTION OF THE SCHEDULE OF ADMINISTRATIVE FEES (APPENDIX G IN THE CODE OF GENERAL ORDINANCES); PROVIDING AN EFFECTIVE DATE THEREFORE; AND REPEALING PARTS OF ORDINANCES IN CONFLICT WITH THIS ORDINANCE

WHEREAS: The City of Boonville first adopted its Schedule of Administrative Fees as Ordinance No. 4018 on September 5, 2006 and has found it necessary to amend the fee schedule from time to time to respond to rising costs of services and other economic conditions effecting the administration of local government; and

WHEREAS: City staff has recently been notified of a cost increase by their solid waste provider as allowed by their contract which necessitates a rate increase; and

WHEREAS: The City of Boonville's solid waste collection and disposal function, operated within the Sanitation Fund, is operated as an enterprise operation; and

WHEREAS: the attached amended section of the Schedule of Administrative Fees, Revised January 1, 2024, is based on the rate increase by the solid waste provider.

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 amend the **Solid Waste Collection Fees Section 21-181(a), (b), (b)(1), (c), and (d)** of the Schedule of Administrative Fees, (Appendix G in the Code of General Ordinances), prescribed and set forth in the **amended portion** of the **Schedule of Administrative Fees, Revised January 1, 2024** attached hereto as **Exhibit A** and incorporated by reference as if fully set forth herein.

SECTION 2: That the rates set forth herein shall become effective January 1, 2024.

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

FIRST READING: DECEMBER 4, 2023

**READ FOR THE SECOND TIME AND PASSED THIS 18TH DAY OF
DECEMBER 2023 AFTER A COPY OF THIS ORDINANCE AND REFERENCE
AMENDED SCHEDULE OF ADMINISTRATIVE FEES HAS BEEN MADE
AVAILABLE FOR PUBLIC INSPECTION PRIOR TO ITS FIRST AND SECOND
READINGS.**

President of the Council

APPROVED THIS 18TH DAY OF DECEMBER 2023.

Ned Beach, Mayor

ATTEST:

Amber Davis, City Clerk

BILL NO. 2023-032

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF BOONVILLE, MISSOURI ACCEPTING THE STREETS IN BOONE POINT SUBDIVISION FOR MAINTENANCE PURPOSES; PROVIDING AN EFFECTIVE DATE THEREOF; AND REPEALING ALL ORDINANCES IN CONFLICT WITH THIS ORDINANCE.

WHEREAS, Stonehaven Drive, Stonehaven Court, Kiowa Ct, and Lakota Ct, streets in Boone Point subdivision was installed and constructed in accordance with all applicable rules, regulations and specifications

WHEREAS, The developers of Boone Point had already submitted and received approval from City Council on a Final Plat on September 7th, Ordinance No. 4576, after review and recommendation of approval by Planning and Zoning at their August 10, 2021 meeting; and

WHEREAS, City staff and engineers, contractors and developer completed a street inspection on January 6, 2023 and a follow- up inspection on November 27th, 2023.

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

SECTION 1: That Stonehaven Drive, Stonehaven Court, Kiowa Ct, and Lakota Ct, streets in Boone Point subdivision in Boone Point subdivision is to be accepted for maintenance purposes.

SECTION 2: That a certified copy of this ordinance be recorded with the Cooper County Recorder of Deeds

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

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

READ FOR THE FIRST TIME THE 4th DAY OF DECEMBER 2023 AND PASSED THIS 18TH DAY OF DECEMBER, 2023, AFTER A COPY OF THIS ORDINANCE HAS BEEN MADE AVAILABLE FOR PUBLIC INSPECTION PRIOR TO ITS PASSAGE.

PRESIDENT OF THE COUNCIL

APPROVED THIS 18TH DAY OF DECEMBER, 2023

NED BEACH, MAYOR

ATTEST:

AMBER DAVIS, CITY CLERK

BILL NO. 2023-033

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF BOONVILLE, MISSOURI ACCEPTING THE SEWER LINES AND WATER DISTRIBUTION LINES AND APPURTENANCES IN BOONE POINT SUBDIVISION FOR MAINTENANCE PURPOSES; PROVIDING AN EFFECTIVE DATE THEREFORE; AND REPEALING ALL ORDINANCES IN CONFLICT WITH THIS ORDINANCE.

WHEREAS, The sanitary sewer lines and water distribution lines and appurtenances in Boone Point subdivision were installed and constructed in accordance with all applicable rules, regulations and specifications; and

WHEREAS, The developers of Boone Point had already submitted and received approval from City Council on a Preliminary Plat on March 15th, 2021, Ordinance No. 4555, after review and recommendation of approval by Planning and Zoning at their February 9, 2021 meeting; and

WHEREAS, The developers of Boone Point had already submitted and received approval from City Council on Boone Point Final Plat 1 on September 7th, 2021, Boone Point Final Plat 2 on June 6, 2022, and Final Plat 3 on October 3rd, 2022; and

WHEREAS, Ordinance No. 4605, approved by the City Council included a Scrivener's Error identifying that the accepted sewer lines and water distribution lines were accepted for only Phase 1, necessitated a correction.

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

SECTION 1: That the sanitary sewer lines and water distribution lines and appurtenances in Boone Point Subdivision are to be accepted for maintenance purposes.

SECTION 2: That a certified copy of this ordinance be recorded with the Cooper County Recorder of Deeds.

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

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

READ FOR THE FIRST TIME THE 4TH DAY OF DECEMBER, 2023 AND PASSED THIS 18TH DAY OF DECEMBER, 2023, AFTER A COPY OF THIS ORDINANCE HAS BEEN MADE AVAILABLE FOR PUBLIC INSPECTION PRIOR TO ITS PASSAGE.

PRESIDENT OF THE COUNCIL

APPROVED THIS 18TH DAY OF DECEMBER, 2023

NED BEACH, MAYOR

ATTEST:

AMBER DAVIS, CITY CLERK

Date: December 18, 2023

To: Mayor and Council

From: Kate Fjell, City Administrator, Randy Ayers, Chief

Re: First Reading of Bill No. 2023-034 Amending Chapter 13 Alcohol and Chapter 14 Offenses-Miscellaneous

This Ordinance revision will provide several necessary updates to an outdated ordinance and also provide a mechanism for the City to prosecute certain marijuana and alcohol infractions at a municipal level. More specifically:

- Providing a mechanism for the city to prosecute minor in possession offenses at a municipal level
- Including marijuana in the definitions as it relates to minors in possession and also open container
- Bringing the minimum age for cigarette purchase in compliance with the federal minimum age, which was adopted by the State in 2019
- Eliminating certain offenses relating to marijuana in Chapter 14 that are in conflict with the newly passed recreational marijuana laws

BILL NO. 2023-34

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF BOONVILLE, MISSOURI, AMENDING CHAPTERS 3 ALCOHOLIC BEVERAGES AND CHAPTER 14 OFFENSES-MISCELLANEOUS PROVIDING AN EFFECTIVE DATE THEREFORE AND REPEALING ALL ORDINANCES IN CONFLICT WITH THIS ORDINANCE.

WHEREAS, An amendment to Missouri’s Constitution was approved by voters on November 8, 2022 allowing Recreational Marijuana in Missouri; and

WHEREAS, in 2019 the state of Missouri adopted the federal minimum age law for the purchase of cigarettes; and

WHEREAS, The City Council approved Ordinance no. 4547 on February 1, 2021 to provide various sections thereunder establishing, defining and providing for the enforcement of certain offenses pertaining to the use of marijuana, and further providing penalties for the violation thereof; and

WHEREAS, the City Council approved various Ordinances, including Ordinance regulating the sale of alcohol, the consumption of alcohol to minors, the sale of alcohol and tobacco to minors and the possession of open containers within the City limits; and

WHEREAS, the authority and scope are grounded in the Missouri statutes which are then operationalized through the City General Codes of Ordinances, adopted professional standards of the International Code Council and National Electric Code and city job descriptions.

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

SECTION 1: To amend Chapter 3, Section 3-1 Definitions; Section 3-2 Scope; Section 3-9 Sale in original packages; Section 3-10 Sales by minors; Section 3-11 Sales to Certain persons; and Section 3-38 License required; and adding Section 3-12 Minors in possession, as detailed in “Exhibit A”

SECTION 2: To amend Chapter 14, Section 14-4 Definitions; Section 14-70 Intoxicated persons entering school-house, church house, courthouse; Section 14-90 Drinking in public; Section 14-111 Cigarette Sales to minors; and Section 14-112 Use of Cigarettes by minors; Section 14-114 Policies for enforcing marijuana offenses and penalty provisions, Section 14-119 Failure to produce proof, on demand, of a right to possess marijuana; adding section 14-113 Possession of drug paraphernalia; and eliminating sections 14-116 Possession of 35 grams or less of marijuana, or five grams or less of hashish; Section 14-117 Possession of drug paraphernalia, and Section 14-120 Consumption of marijuana in a public place, as detailed in “Exhibit A”

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

SECTION 3: That all ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

FIRST READING: December 18, 2023

**READ FOR THE SECOND TIME AND PASSED ON THIS 2nd DAY OF JANUARY 2024,
AFTER A COPY OF THIS ORDINANCE AND EXHIBIT HAVE BEEN MADE
AVAILABLE FOR PUBLIC INSPECTION PRIOR TO ITS FIRST READING.**

President of the Council

APPROVED THIS _____ DAY OF _____ 2024

Ned Beach, Mayor

ATTEST:

Amber Davis, City Clerk

Chapter 3 ALCOHOLIC BEVERAGES AND MARIJUANA

ARTICLE I. IN GENERAL

Sec. 3-1. Definitions.

Drug paraphernalia: All equipment, products and materials of any kind which are used, intended for use, or designed for use in planting, propagating, cultivating, growing, harvesting, manufacturing, compounding, converting, producing, processing, preparing, testing, analyzing, packaging, repackaging, storing, containing, concealing, injecting, ingesting, inhaling, or otherwise introducing into the human body a controlled substance, an illegal smoking product or an imitation controlled substance.

Marijuana: Cannabis indica, Cannabis sativa, and Cannabis ruderalis, hybrids of such species, and any other strains commonly understood within the scientific community to constitute marijuana, as well as resin extracted from the plant (e.g., hashish) and marijuana-infused products. "Marijuana" does not include industrial hemp containing a crop-wide average tetrahydrocannabinol concentration that does not exceed three-tenths of one percent on a dry weight basis, or commodities or products manufactured from industrial hemp.

Sec. 3-2. Scope.

- (a) Nothing in this chapter shall be so construed as to prevent the natural fermentation of fruit juices or cultivation of plants in the home for the exclusive use of the occupants of the home and their guests.
- (b) Nothing in this chapter limits the right of a duly licensed physician to prescribe intoxicating liquor or marijuana in accordance with his professional judgment for any patient at any time, or prohibited a regularly licensed druggist from selling intoxicating liquor lawfully acquired and lawfully in his possession, to any person on prescription from a regularly licensed physician, provided that no part of such intoxicating liquor shall be consumed on the premises where sold. A license for the sale of intoxicating liquor in the manner described in this section shall not be required.

(Code 1958, §§ 46.21, 46.23)

Sec. 3-9. Sale in original packages.

Intoxicating liquor or marijuana purchased in the original package shall not be consumed or permitted to be consumed upon any premises where intoxicating liquor or marijuana is authorized to be sold, nor shall such packages be opened on the premises where purchased.

(Code 1958, § 46.14)

State law reference(s)—For similar provisions, see RSMo 311.200.

Sec. 3-10. Sales by minors.

- (a) Except as provided in subsection (b) of this section, no person under the age of 21 years shall sell or assist in the sale or dispensing of intoxicating liquor, ~~or~~ nonintoxicating beer, or marijuana.

(Code 1958, § 46.22)

State law reference(s)—For similar provisions, see RSMo 311.300.

Sec. 3-11. Sales to certain persons.

Any person who shall sell, vend, give away or otherwise supply any intoxicating liquor or marijuana in any quantity whatsoever to any person under the age of 21 years, or to any person intoxicated or appearing to be in a state of intoxication, or to an habitual drunkard, and any person whosoever except his parent or guardian who shall procure for, sell, give away or otherwise supply intoxicating liquor or marijuana to any person under the age of 21 years, or to any intoxicated person or person appearing to be in a state of intoxication, or to an habitual drunkard, shall be deemed guilty of an offense; provided, however, that this section shall not apply to the supplying of intoxicating liquor or marijuana to a person under the age of 21 years for medical purposes only, or to the administering of said intoxicating liquor or marijuana to any person by a duly licensed physician.

(Code 1958, § 46.22)

State law reference(s)—For similar provisions, see RSMo 311.310.

Sec. 3-12. Minors in Possession.

Any person under the age of twenty-one years, who purchases or attempts to purchase, or has in his or her possession, any intoxicating liquor, marijuana, or drug paraphernalia, or who is visibly in an intoxicated condition, or has a detectable blood alcohol content of more than two-hundredths of one percent or more by weight of alcohol in such person's blood, or is deemed to be under the influence of marijuana, is guilty of an offense. Provided, however, this section shall not apply to the possession of intoxicating liquor or marijuana by a person under the age of 21 years for authorized medical purposes only.

State law reference(s)—For similar provisions, see RSMo 311.325, see also RSMo 579.074

Secs. 3-13—3-21. Reserved.

ARTICLE II. LICENSES

DIVISION 1. GENERALLY

DIVISION 2. INTOXICATING LIQUOR/NONINTOXICATING BEER/MARIJUANA

Sec. 3-38. License required.

(a) It shall be unlawful for any person to manufacture, brew, sell or expose for sale, either at wholesale or retail, intoxicating liquor or nonintoxicating beer in any quantity (unless otherwise stated herein) without a liquor license from the city.

(b) It shall be unlawful for any person to sell or expose for sale, either at wholesale or retail, marijuana in any quantity (unless otherwise stated herein) without an authorized license from the city.

(Code 1958, § 46.02; Ord. No. 4050, § 1, 4-16-07)

Chapter 14 OFFENSES—MISCELLANEOUS

ARTICLE I. IN GENERAL

Sec. 14-4. Definitions.

Drug paraphernalia means all equipment, products and materials of any kind which are used, intended for use, or designed for use in planting, propagating, cultivating, growing, harvesting, manufacturing, compounding, converting, producing, processing, preparing, testing, analyzing, packaging, repackaging, storing, containing, concealing, injecting, ingesting, inhaling, or otherwise introducing into the human body a controlled substance, an illegal smoking product or an imitation controlled substance.

Marijuana means any Cannabis indica, Cannabis sativa, or Cannabis ruderalis, hybrids of such species, or any other strains commonly understood within the scientific community to constitute marijuana, as well as resin extracted from the plant (e.g., hashish) or marijuana-infused products. "Marijuana" does not include industrial hemp containing a crop-wide average tetrahydrocannabinol concentration that does not exceed three-tenths of one percent on a dry weight basis, or commodities or products manufactured from industrial hemp.

ARTICLE IV. OFFENSES AGAINST PUBLIC PEACE

Sec. 14-70. Intoxicated persons entering school-house, church house, courthouse.

It shall be unlawful for any person to enter any schoolhouse or church house in which there is an assemblage of people, meeting for a lawful purpose, or any courthouse, in a drunken or intoxicated and disorderly condition, or to drink **or consume** or offer to drink **or consume** any intoxicating liquors **or marijuana** in the presence of such assemblage of people, or in any courthouse, church or school within this city, and any person or persons so doing shall be guilty of an offense, **except anyone who has received a physician certification to use medicinal marijuana.**

(Ord. No. 2321, § 1, 9-18-78)

State law reference(s)—For similar provisions, see RSMo 574.075; power of city to prohibit disorderly practices, RSMo 77.570

ARTICLE V. OFFENSES AGAINST MORALS

Sec. 14-90. Drinking or Consumption in public.

- (a) It shall be unlawful for any person to drink or encourage another to drink intoxicating liquor, malt liquor or nonintoxicating beer, or to consume marijuana, including medical marijuana, or encourage another to consume marijuana, upon any public street, sidewalk, alley or public thoroughfare, or on or in any public building, establishment, business or parking lot generally open to the public. For purposes of this section, it shall be considered evidence of drinking for a person to have in his possession an open bottle, can or other open container of intoxicating liquor, malt liquor or nonintoxicating beer, or for consumption for a person to have in his possession marijuana in an open container, marijuana outside of the original packaging, or any paraphernalia with traceable amounts of marijuana.
- (b) It shall be unlawful for any person to open any container or any original package containing intoxicating liquor, malt liquor, ~~or nonintoxicating beer~~ or marijuana upon any public street, sidewalk, alley or public thoroughfare, or on or in any public building, establishment, business or parking lot generally open to the public.
- (c) It shall be unlawful for any person to transport an open container of intoxicating liquor, malt liquor, ~~or nonintoxicating beer~~ or marijuana in any automobile, truck or other vehicle as defined by the laws of the state, upon any public street, alley or public thoroughfare; and for purposes of this section it shall be considered evidence of this offense against a person if an open container of intoxicating liquor, malt liquor, ~~or nonintoxicating beer~~ or marijuana is found within such vehicle which that person has under his control, or in which that person is a passenger.

Sec. 14-111. Cigarette sales to minors.

- (a) It shall be unlawful for any person to sell, provide or distribute tobacco products to persons under ~~18~~ 21 years of age.
- (b) By January 1, 2002, all vending machines that dispense tobacco products shall be located within the unobstructed line of sight and under the direct supervision of an adult responsible for preventing persons less than ~~18~~ 21 years of age from purchasing any tobacco product from such machine or shall be equipped with a lock-out device to prevent the machines from being operated until the person responsible for monitoring sales from the machines disables the lock. Such locking device shall be of a design that prevents it from being left in an unlocked condition and which will allow only a single sale when activated. A locking device shall not be required on machines that are located in areas where persons less than ~~18~~ 21 years of age are not permitted or prohibited by law. Nothing in this section shall apply to a vending machine if located in a factory, private club or other location not generally accessible to the general public.
- (e) A person cited for selling, providing or distributing any tobacco product to any individual less than ~~18~~ 21 years of age in violation of subsection (a), (b) or (c) of this section shall conclusively be presumed to have reasonably relied on proof of age of the purchaser or recipient, and such person shall not be found guilty of such violation if such person raises and proves as an affirmative defense that:

-
- (1) Such individual presented a driver's license or other government-issued photo identification purporting to establish that such individual was 18 21 years of age or older.

(Ord. No. 3836, § 1, 12-17-01)

State law reference(s)—Sale of tobacco products to minors, 407.924 et seq.

Sec. 14-112. Use of cigarettes by minors.

- (a) No person less than 18 21 years of age shall purchase, attempt to purchase or possess cigarettes or other tobacco products unless such person is an employee of a seller of cigarettes or tobacco products and is in such possession to effect a sale in the course of employment, or an employee of the Division of Liquor Control for enforcement purposes pursuant to subsection 5 of section 407.934.
- (b) Any person less than 18 21 years of age shall not misrepresent his or her age to purchase cigarettes or tobacco products.

Sec. 14-113. Possession of drug paraphernalia.

- (a) Except as pertaining to marijuana, it shall be unlawful for any person to possess drug paraphernalia as defined under section 14-4.
- (b) For purposes of this section, in determining whether an object is "drug paraphernalia" a court or other law enforcement authority may consider, in addition to all other logically relevant factors, the following:
 - (1) Statements by an owner or by anyone in control of the object concerning its use or intended use;
 - (2) Prior convictions, if any, of an owner or of anyone in control of the object under any state or federal law relating to any controlled substance or imitation controlled substance; ;
 - (3) The proximity of the object to controlled substances or imitation controlled substances;
 - (4) The existence of any residue of controlled substances or imitation controlled substances on the object;
 - (5) Direct or circumstantial evidence of the intent of the owner, or of anyone in control of the object, to deliver it to persons whom he knows intend to use the object to facilitate a violation under this article; the innocence of an owner, or of anyone in control of the object, as to a direct violation of this article shall not prevent a finding or determination that the object is intended for use, or designed for use as drug paraphernalia;
 - (6) Instructions, oral or written, provided with the object concerning its use;
 - (7) Descriptive materials accompanying the object which explain its use;
 - (8) National and local advertising concerning its use;
 - (9) The manner in which the object is displayed for sale;
 - (10) The existence and scope of legitimate uses for the object in the community;
 - (11) Expert testimony concerning its use.

State law reference(s)—For similar provisions, see RSMo 579.074

ARTICLE VI. OFFENSES PERTAINING TO MARIJUANA

Sec. 14-114. Policies for enforcing marijuana offenses and penalty provisions.

The purpose of this section is to ensure that adults, as defined by state criminal statutes, and subject to the provisions of section 14-118 hereinafter set out, are not arrested for "misdemeanor" marijuana offenses prosecuted under this article VI, and that such persons sustain only a municipal ordinance violation rather than a state criminal conviction for such offenses. It is further recommended that such persons generally suffer only a fine and/or community service or counseling, and that the imposition of a jail sentence or a suspended jail sentence is generally not available as a punishment for the possession of a "misdemeanor" amount of marijuana and/or marijuana paraphernalia, except as otherwise provided in this article VI. This section shall be liberally construed for the accomplishment of these stated objectives. The intended message of this section is that persons **should not use marijuana except for recognized medical purposes, but** should **also** not be denied the opportunity for education and employment because of unauthorized, limited personal marijuana use. It is further the purpose of this section to indicate that the limited resources of municipal law enforcement should be directed primarily toward crimes of violence and property loss rather than the enforcement of laws against limited marijuana use.

(1) When any law enforcement officer suspects any adult as defined by state criminal statutes (other than those excluded herein) of possession of a "misdemeanor" amount of marijuana (under 35 grams) and/or possession of drug paraphernalia relating to marijuana, that person shall not be required to post bond, suffer arrest, be taken into custody nor detained for any reason other than for the issuance of a summons, and shall suffer no incarceration except as otherwise expressly provided under this article, and shall suffer no loss of driver's license, or any other punishment or penalty at the time of the incident except for the issuance of such summons. If found guilty of such offense(s), the offender shall be subject only to a fine of up to \$500.00, which may be suspended upon conditions of community service and/or drug counseling. There shall be a strong presumption that the proper disposition for any such offense shall be a suspended imposition of sentence and or community service work and/or drug counseling and education by a qualified provider. All such matters shall be referred only to the city prosecuting attorney, and to no other prosecuting attorney, and the city prosecuting attorney shall not refer the matter to any other prosecutor, agency or office, unless the provisions of subsection (b), as hereinafter set out, are applicable.

(2) Subsection (1) of this section, providing for certain penalties, shall not apply to persons:

- a. Who have been convicted of any felony within the preceding seven years; or
- b. Who have been convicted in a state court of a class A misdemeanor marijuana possession charge or misdemeanor possession of drug paraphernalia charge within the preceding five years; or
- c. Who have been found guilty in a state or municipal court of misdemeanor marijuana possession on two or more prior occasions within the preceding five years; or
- d. Who are arrested on suspicion of any felony or misdemeanor offense chargeable only under state law and arising from the same set of facts and circumstances as the alleged marijuana offense.

(3) In the event any of the provisions set out in subsection (2) apply, then the case shall be referred to any prosecutor having jurisdiction over such a case under state law and shall not be prosecuted at the municipal level.

-
- (4) The provisions of this section are severable. If any provision of this section is declared invalid, such invalidity shall not adversely affect the other provisions of this section, which may be given effect without the invalid provision.

(Ord. No. 4547 , § 1, 2-1-21)

Sec. 14-116. Possession of 35 grams or less of marijuana, or five grams or less of hashish.

- (a) It shall be unlawful for any person to possess 35 grams or less of marijuana or cannabis in any species or form thereof, including, but not limited to, cannabis sativa L, or five grams or less of hashish (see definition for marijuana, section 14-115). Such offense would be considered as either a class D misdemeanor or a class A misdemeanor under state law, depending upon the weight of the substance and whether the offender has prior drug-related convictions.
- (b) Any person convicted of such offense shall be subject to the penalty provisions set out in section 14-114.

(Ord. No. 4547 , § 1, 2-1-21)

Sec. 14-117. Possession of drug paraphernalia.

- (a) Except as provided in section 14-118(a) pertaining to medical marijuana, it shall be unlawful for any person to possess drug paraphernalia as defined under section 14-115. Such offense would be considered as either a class D misdemeanor or a class A misdemeanor under state law, depending upon whether the offender has prior drug-related convictions.
- (b) Any person convicted of such offense shall be subject to the penalty provisions set out in section 14-114.
- (c) For purposes of this section, in determining whether an object is "drug paraphernalia" a court or other law enforcement authority may consider, in addition to all other logically relevant factors, the following:
- (1) Statements by an owner or by anyone in control of the object concerning its use or intended use;
 - (2) Prior convictions, if any, of an owner or of anyone in control of the object under any state or federal law relating to any controlled substance or imitation controlled substance;
 - (3) The proximity of the object, in time and space, to a direct violation of this article VI;
 - (4) The proximity of the object to controlled substances or imitation controlled substances;
 - (5) The existence of any residue of controlled substances or imitation controlled substances on the object;
 - (6) Direct or circumstantial evidence of the intent of the owner, or of anyone in control of the object, to deliver it to persons whom he knows intend to use the object to facilitate a violation under this article; the innocence of an owner, or of anyone in control of the object, as to a direct violation of this article shall not prevent a finding or determination that the object is intended for use, or designed for use as drug paraphernalia;
 - (7) Instructions, oral or written, provided with the object concerning its use;
 - (8) Descriptive materials accompanying the object which explain its use;
 - (9) National and local advertising concerning its use;
 - (10) The manner in which the object is displayed for sale;
 - (11) The existence and scope of legitimate uses for the object in the community;
 - (12) Expert testimony concerning its use.

(Ord. No. 4547 , § 1, 2-1-21)

Sec. 14-119. Failure to produce proof, on demand, of a right to possess marijuana.

- (a) For any person **under 21** who possesses marijuana and claims a right to possess it for medical purposes, it shall be unlawful, upon the request of any law enforcement officer, for such person to fail or refuse to produce at the time of such request or demand, proof of a right to possess marijuana in the form of a valid qualifying patient identification card, a valid physician certification while making application for an identification card, or a valid primary caregiver identification card. Production of an equivalent identification card or authorization issued by another state or political subdivision of another state shall also be held to be valid for purposes of exempting a person from prosecution and the penalty provisions of this article VI. In the event such proof cannot be produced at the time requested, but can be produced to the arresting law enforcement officer or agency within a reasonable time thereafter (not to exceed 72 hours from the time of the request), any charge filed for failure or refusal to produce such proof may be dismissed at the discretion of the prosecuting attorney, and shall be dismissed if it is shown to have been in effect at the time of the request.

- (b) Any person convicted of such offense shall be subject to the penalties set out in section 14-114.

(Ord. No. 4547 , § 1, 2-1-21)

Sec. 14-120. Consumption of marijuana in a public place.

- (a) It shall be unlawful for any person to consume marijuana in any form, including medical marijuana, in a public place. For purposes of this section a "public place" shall be deemed to be any public street, sidewalk, alley or public thoroughfare, or on or in any public building, establishment, business or parking lot generally open or accessible to the public.

- (b) Any person convicted of such offense shall be subject to the penalties set out in section 14-114.

Date: December 18, 2023
To: Mayor and Council
From: Jeff Ditto, Director
Re: Public Works Monthly Report November 2023

Public Works Monthly Report
November 2023

WWTP:

Total flow processed – 19,520,000 gallons
Average daily flow – 650,000 gallons
Sludge disposed – 105.46

WTP:

Gallons pumped from river – 27,901,000 gallons
Gallons pumped to customer – 27,696,000 gallons
Remarks:

Water Distribution / Sewer Collection:

Repaired water main on East Morgan Street
Repaired fire hydrant 4th & Walnut
Repaired hydrant at Waste Water Plant
Installed new water service at 7 locations
Installed 8 new meters

Street Department:

Repaired Water Department Street Cuts
Helped with water leak repairs
Picked up yard waste
Swept streets with street sweeper

Central Garage:

Vehicles serviced and inspected – 5
Vehicle and equipment repairs – 13

Weather:

Average Temperature –51°
High Temperature – 82° November 9th, 2023
Low Temperature –26° November 29th, 2023
Total Rain –0.69”
Maximum Rain –0.44” November 21st, 2023

Date: December 18, 2023
To: Mayor and Council
From: Jeff Ditto, Director
Re: Board of Public Works November 30, 2023 No Quorum

BOARD OF PUBLIC WORKS
MEETING
November 30th, 2023

NOTICE POSTED: Monday November 20th, 2023, at 11:25am

The Board of Public Works met at the City Services Building at 1200 Locust, 5:30 p.m. November 30th, 2023.

ROLL CALL: Voting Members Present; Ed Scrivner & Dale Monteer. Non-Voting Members Present, Jeff Ditto, Director of Public Works. Council Representative Barry Elbert was present. Voting Members absent were James Earl Quint & Glenn Bishop. Russell Gerling, Alliance Water, was present.

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

The next regularly scheduled meeting is December 28th, 2023.

Respectfully submitted,

Jeff Ditto

Approved by:

Chairman



REPORT OF OPERATIONS

Boonville, Missouri

Water Treatment Plant

November 2023

Submitted by Alliance Water Resources, Inc.

December 18, 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

November 2023

Administrative

- None at this time.

Repair and Chemical Expense Report November 2023

Description	Budgeted	Actual Spent	Remaining
Repair Expense	\$38,800.00	\$33,414.45	\$5,385.55
Chemical Expense	\$293,550.00	\$262,803.10	\$30,746.90

Treatment, Operations, and Maintenance

- Normal operations, filter maintenance, and UV System calibration checks were performed this month.
- The staff repaired a Sodium Permanganate leak on the chemical feed line.
- The staff repaired 4 minor water leaks in the Chem Shed.
- The staff shut down and bypassed the Updraft Aerator for the winter season.
- Utility Services Group sandblasted the interior of the Krohn St Water Tower, made minor repairs, and painted the interior. The staff filled the water tower and collected water samples for Bac-T testing. The water tower was put back into service.
- The staff replaced an air solenoid on #3 Filter Backwash Water Valve and #6 Influent Valve.
- R.E. Pedrotti was here to perform the annual flow meter calibration check.
- The staff added diesel fuel supplement to all generators.
- The staff replaced the Fluoride tank exhaust fan.
- The staff installed a new dehumidifier in the Krohn St Water Tower Valve Pit.
- The staff repaired a small water leak in the Krohn St Water Tower Valve Pit.
- The staff checked all the air filters in the Main St Booster Pump Station, River Pump House, and Water Treatment Plant Lab air filters.
- Midway Electric replaced a surge protector module at the Main St. Booster Pump Station.
- The staff rebuilt the Caustic Soda Chemical Feed Pump with new diaphragm and check valves.
- The staff repaired the wiring in the Top-of-Filter Pump.
- Rick Ball Auto Mall performed an oil change and tire rotation on the 2019 Chevy truck.

- The staff installed a new vacuum breaker on the Caustic Soda Feed Line.
- The staff installed a barrel heater on the Caustic Soda Day Tank to preheat the chemical and help prevent the chemical from freezing.
- Accurate Heating and Cooling installed a new control board on the overhead heater in the Chemical Feed Room.

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.

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.

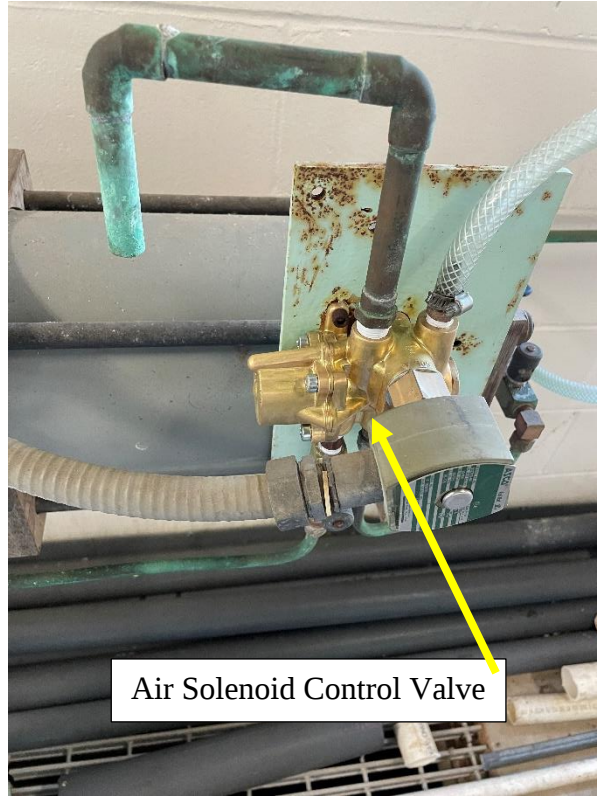
Concerns for the Month.

- A sample collection bottle was unintentionally dropped in the Pre-Sed Primary Clarifier Basin. The staff felt it would be best to drain the basin and retrieve the sample collection bottle, then to take the chance of damaging the scrapper arm equipment and possibly clogging the drain.

Photos



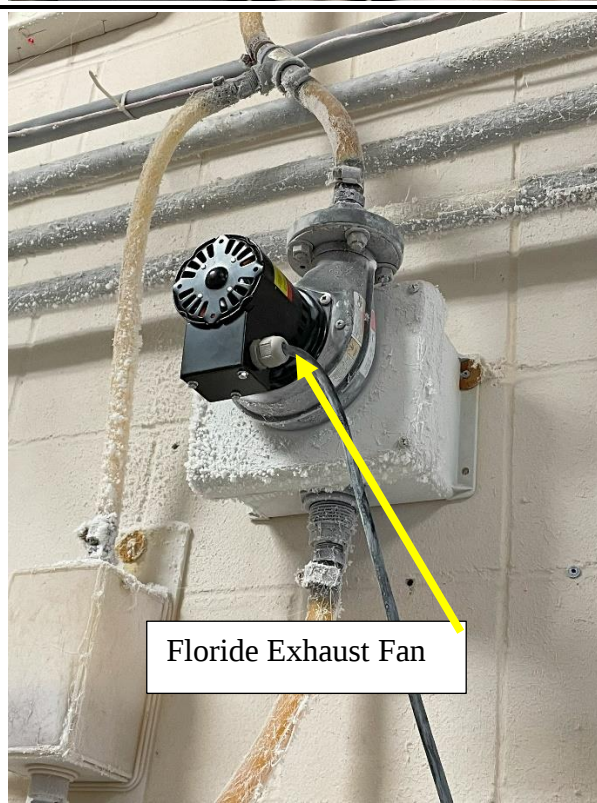
Updraft Aerotor



Air Solenoid Control Valve



Flow Meter Calibration



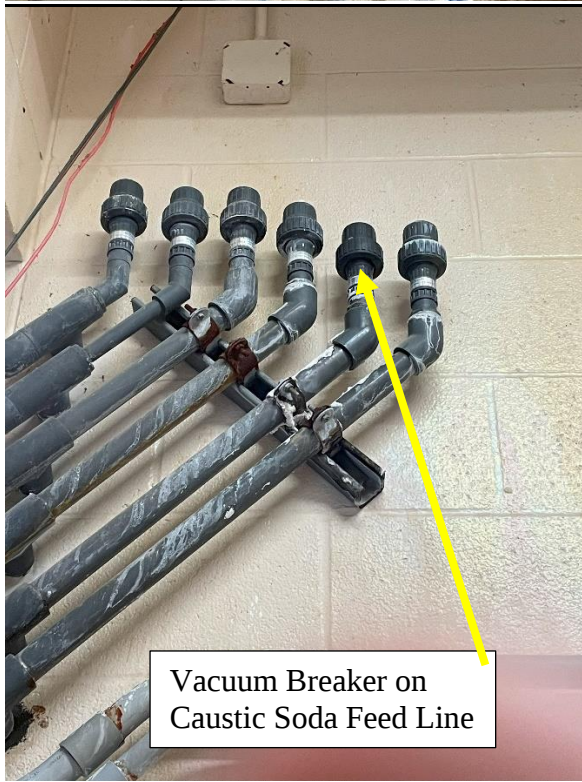
Floride Exhaust Fan



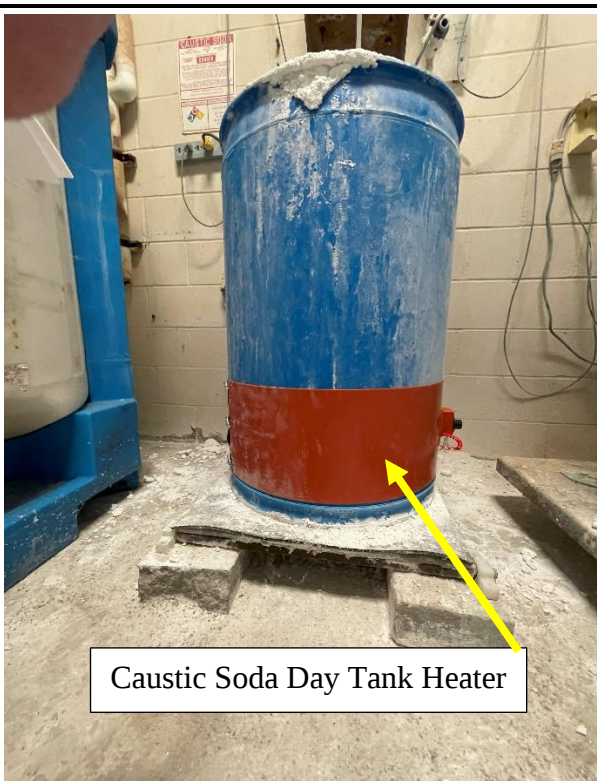
Caustic Soda Feed Pump



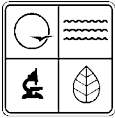
Top-of-Filter Pump



Vacuum Breaker on
Caustic Soda Feed Line

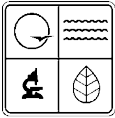


Caustic Soda Day Tank Heater



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 660-882-4021		
STREET ADDRESS 401 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
11/01/2023	S	Krohn Tower		A	A	.8	x
11/02/2023	S	Krohn Tower		A	A	.7	x
11/08/2023	R	614 Santa Fe Trail	16	A	A	2.5	x
11/08/2023	R	717 Main St	14	A	A	2.5	x
11/08/2023	R	1121 Main St	13	A	A	2.1	x
11/08/2023	R	2441 Pioneer St	23	A	A	1.1	x
11/08/2023	R	900 Carla Dr	17	A	A	2.5	x
11/21/2023	R	940 Oregon Trail	24	A	A	2.4	x
11/21/2023	R	1550 W Ashley Rd	11	A	A	2.6	x
11/21/2023	R	1016 Hilldell	18	A	A	2.4	x
11/21/2023	R	1012 Jefferson Rd	19	A	A	2.4	x
11/21/2023	R	1216 E Morgan St	10	A	A	2.3	x
TOTAL ROUTINE SAMPLE ANALYZED 10			MONITORING VIOLATION ☐ Yes ☐ No			MCL VIOLATION ☐ Yes ☐ No	
TITLE Water Plant Supervisor			DATE 12/01/2023				
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
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>12</u> 2. Number of samples below 0.2 mg/L, B: <u>0</u> $[(A-B)/A] \times 100 = C$: <u>100</u> % meeting minimum disinfection required. 3. Avg. disinfectant residual for the month <u>2.03</u> mg/l	TURBIDITY 1. Total number measurements taken monthly, A: <u>145</u> 2. Number of measurements below 0.3 NTU, B: <u>145</u> $[B/A] \times 100 = C$: <u>100</u> % meeting turbidity requirements.
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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	7.25	15	.88	.07	1	0	0
2	5.50	13	2.72	.06	0	0	0
3	5.75	13	2.48	.05	0	0	0
4	3.50	12	2.39	.08	0	0	0
5	5.00	12	2.23	.09	0	0	0
6	5.00	13	2.39	.17	0	0	0
7	4.50	13	2.46	.07	0	0	0
8	4.00	13	2.19	.05	0	0	0
9	5.25	13	2.18	.05	0	0	0
10	4.25	13	2.28	.05	0	0	0
11	4.00	13	2.24	.06	0	0	0
12	3.50	12	2.19	.05	0	0	0
13	4.75	12	2.14	.05	0	0	0
14	3.75	12	2.27	.07	0	0	0
15	6.00	11	2.47	.11	0	0	0
16	3.75	11	2.58	.06	0	0	0
17	4.75	12	2.25	.05	0	0	0
18	3.50	12	2.44	.05	0	0	0
19	4.25	12	2.24	.05	0	0	0
20	4.25	12	2.31	.05	0	0	0
21	4.50	12	2.47	.05	0	0	0
22	4.75	11	2.56	.05	0	0	0
23	4.00	11	2.22	.05	0	0	0
24	3.75	11	2.50	.04	0	0	0
25	4.00	10	2.36	.05	0	0	0
26	4.00	10	2.35	.05	0	0	0
27	4.75	10	1.88	.05	0	0	0
28	3.75	9	2.57	.05	0	0	0
29	5.00	9	2.64	.06	0	0	0
30	3.75	8	2.76	.07	0	0	0
31							

NAME OF PERSON PREPARING REPORT Matthew Bishop	SIGNATURE OF RESPONSIBLE OFFICIAL	DATE 12/1/2023
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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.

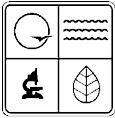
INDIVIDUAL FILTER MONITORING AND REPORTING

- 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 November 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	134.75	27.696		2	.094
9. TOTAL VOLUME OF OFF-SPECIFICATION WATER PRODUCED (MG) [A] .094			10. TOTAL VOLUME OF WATER PRODUCED (MG) [B] 27.696		
11. PERCENT OF OFF-SPECIFICATION WATER PRODUCED ((A)/[B]*100) .3%			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 12/1/2023	

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	
11/1/23	11/30/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	0.515	0.159	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	*****	*****	*****	*****	3.7835	0.1675	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 December 1, 2023	User Phone Number (573)476-4395
-------------------------------	-------------------------------------	------------------------------------



Results of Sample Analyses

Test Group: 2023 October Fluoride mailing

Order ID: WO230922187



PDW-2023Oct-1665

Public Drinking Water Branch
MO3010089
Boonville PWS

Todd Baslee
NEW WATER PLANT
901 RIVIERA DR
BOONVILLE MO 65233

Sample: 2316775

Site: Boonville PWS

Site Number: MO3010089

Sample Location and Type: 1200 Locust St (F) /DS

County: Cooper

Collected 10/16/23 11:00

Public Drinking Water Supply

Analyte	Result	MCL	SS	Qualifier(s)
Analysis: Fluoride by Lachat L 10-109-12-2-A				
Fluoride	0.57 mg/L	4	2	
Analysis: Fluoride - PWS Result by Field Dependent				
Fluoride-PWS Result	0.87 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



Results of Sample Analyses

Test Group: 2023 August THM-HAA mailing

Order ID: WO230719199



PDW-2023Aug-3444

Public Drinking Water Branch
MO3010089
Boonville PWS

Todd Baslee
NEW WATER PLANT
901 RIVIERA DR
BOONVILLE MO 65233

Sample: 2313320

Site: Boonville PWS

Site Number: MO3010089

County: Cooper

Sample Location and Type: SM-B-1216 E MORGAN STREET (DBPDual-01)

/DS

Collected 09/19/23 08:44

Public Drinking Water Supply

Analyte	Result	MCL	SS	Qualifier(s)
Analysis: 524.2 - Trihalomethanes by EPA 524.2				
Bromodichloromethane	18.3 µg/L			
Bromoform	1.49 µg/L			
Chloroform	30.9 µg/L			
Dibromochloromethane	9.45 µg/L			
Total THM	60.1 µg/L	80		
Analysis: 552.2 - Haloacetic Acids by EPA 552.2				
Dibromoacetic Acid	1.53 µg/L			08
Dichloroacetic Acid	12.9 µg/L			
Monobromoacetic Acid	<1 µg/L			ND
Monochloroacetic Acid	<5 µg/L			ND
Trichloroacetic Acid	6.64 µg/L			
Total HAA5	21.0 µg/L	60		

Sample: 2313321

Site: Boonville PWS

Site Number: MO3010089

County: Cooper

Sample Location and Type: SM-D-819 JEFFERSON ROAD (DBPDual-02) /DS

Collected 09/19/23 08:32

Public Drinking Water Supply

Analyte	Result	MCL	SS	Qualifier(s)
Analysis: 524.2 - Trihalomethanes by EPA 524.2				
Bromodichloromethane	17.5 µg/L			
Bromoform	1.36 µg/L			
Chloroform	29.1 µg/L			
Dibromochloromethane	9.41 µg/L			
Total THM	57.4 µg/L	80		
Analysis: 552.2 - Haloacetic Acids by EPA 552.2				
Dibromoacetic Acid	1.80 µg/L			08; 11
Dichloroacetic Acid	15.0 µg/L			
Monobromoacetic Acid	<1 µg/L			ND
Monochloroacetic Acid	<5 µg/L			ND
Trichloroacetic Acid	8.57 µg/L			
Total HAA5	25.4 µg/L	60		

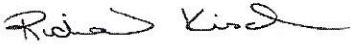
MCL- A Maximum Contaminant Level (MCL) is the legal threshold limit on the amount of a substance that is allowed in drinking water under the Federal Safe Drinking Water Act. MCLs are health based, legally enforceable standards. Drinking water results below the MCLs are considered safe.

*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.



Richard Kirsch
Laboratory Manager
Environmental Services Program
Division of Environmental Quality

Data qualifiers used in this report:

- 08 Analyte present in blank at >½ of reported value
- 11 Estimated value – Matrix interference
- ND Not detected at reported value

Units used in this report:

µg/L micrograms per liter

Company WO Summary

WO Range 11/1/2023

WO #	Site	WO Title	Status	Start / Due	Completed / Closed	Time on Hold	Type	Category	Hours	Costs			
										Labor	Parts	Invoice	Total
4112568	Boonville	Winterization Plan for Entire Plant	Closed	11/1/2023 11/6/2023	11/8/2023 11/8/2023		PM	General	00:00	.00	.00	.00	.00
4113566	Boonville	Check Oil On Air Compressor	Closed	11/1/2023 11/4/2023	11/3/2023 11/3/2023		PM	General	00:00	.00	.00	.00	.00
4115820	Boonville	Clean pH Probe	Closed	11/3/2023 11/5/2023	11/2/2023 11/2/2023		PM	Lab Equipment and Process Analyzers	00:00	.00	.00	.00	.00
4120131	Boonville	Clean COMPLETE Permanganate Tote Pump	Closed	11/5/2023 11/8/2023	11/8/2023 11/8/2023		PM	Cleaning	00:00	.00	.00	.00	.00
4120311	Boonville	Clean Screens on Aerator	Closed	11/5/2023 11/8/2023	11/7/2023 11/7/2023		PM	Cleaning	00:00	.00	.00	.00	.00
4124075	Boonville	CAR 19 WEEKLY WALK AROUND INSPECTION	Closed	11/7/2023 11/10/2023	11/7/2023 11/7/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4124077	Boonville	TRUCK 23 WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/7/2023 11/10/2023	11/7/2023 11/7/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4124078	Boonville	AWR LM TRUCK WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/7/2023 11/10/2023	11/8/2023 11/8/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4125038	Boonville	#3 Filter Backwash Water Valve Air Solenoid	Closed	11/6/2023 11/7/2023	11/6/2023 11/6/2023		WO	General	00:00	.00	.00	.00	.00
4126077	Boonville	AWR Safety Meeting	Closed	11/8/2023 11/11/2023	11/9/2023 11/9/2023		PM	Safety	00:00	.00	.00	.00	.00
4127562	Boonville	Check and Clean Filters on 1.0 MG Clearwell	Closed	11/8/2023 11/11/2023	11/9/2023 11/9/2023		PM	Cleaning	00:00	.00	.00	.00	.00
4127563	Boonville	Check Oil On Air Compressor	Closed	11/8/2023 11/11/2023	11/8/2023 11/8/2023		PM	General	00:00	.00	.00	.00	.00
4128664	Boonville	Replace Fluoride Tank Exhaust Fan	Closed	11/8/2023 11/9/2023	11/8/2023 11/8/2023		WO	General	00:00	.00	.00	.00	.00
4129624	Boonville	Clean or Replace Lab Air Cleaner Filter Over Lab Desk	Closed	11/10/2023 11/13/2023	11/9/2023 11/9/2023		PM	HVAC	00:00	.00	.00	.00	.00
4129625	Boonville	Clean or Replace Lab Air Cleaner Filter Over Lab Work Area	Closed	11/10/2023 11/13/2023	11/9/2023 11/9/2023		PM	HVAC	00:00	.00	.00	.00	.00

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Company WO Summary

WO Range 11/1/2023

WO #	Site	WO Title	Status	Start / Due	Completed / Closed	Time on Hold	Type	Category	Hours	Costs			
										Labor	Parts	Invoice	Total
4129632	Boonville	Check and Replace Filter as Needed & Check Coils At River Pumphouse	Closed	11/10/2023 11/15/2023	11/9/2023 11/9/2023		PM	HVAC	00:00	.00	.00	.00	.00
4129633	Boonville	Check HVAC Filter & Coils In Main Plant Replace or Clean	Closed	11/10/2023 11/13/2023	11/9/2023 11/9/2023		PM	HVAC	00:00	.00	.00	.00	.00
4129634	Boonville	Check, Clean or Replace HVAC Filters & Wash Coils on North Unit	Closed	11/10/2023 11/13/2023	11/9/2023 11/9/2023		PM	HVAC	00:00	.00	.00	.00	.00
4129635	Boonville	Check, Clean or Replace HVAC Filters & Wash Coils on South Unit	Closed	11/10/2023 11/13/2023	11/9/2023 11/9/2023		PM	HVAC	00:00	.00	.00	.00	.00
4131418	Boonville	Clean UVT Analyzer then Recalibrate	Closed	11/11/2023 11/14/2023	11/13/2023 11/13/2023		PM	Cleaning	00:00	.00	.00	.00	.00
4132633	Boonville	Sensor Check - UV Tower Line	Closed	11/12/2023 11/15/2023	11/14/2023 11/14/2023		PM	General	00:00	.00	.00	.00	.00
4132634	Boonville	Sensor Check - UV Transfer Line	Closed	11/12/2023 11/15/2023	11/14/2023 11/14/2023		PM	General	00:00	.00	.00	.00	.00
4135189	Boonville	CAR 19 WEEKLY WALK AROUND INSPECTION	Closed	11/14/2023 11/17/2023	11/13/2023 11/13/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4135190	Boonville	TRUCK 23 WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/14/2023 11/17/2023	11/13/2023 11/13/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4135191	Boonville	AWR LM TRUCK WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/14/2023 11/17/2023	11/17/2023 11/17/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4136529	Boonville	#6 Filter Influent Valve Air Solenoid	Closed	11/10/2023 11/10/2023	11/10/2023 11/10/2023		WO	General	00:00	.00	.00	.00	.00
4136538	Boonville	Rebuild Caustic Soda Chemical Feed Pump-Encore 700	Closed	11/10/2023 11/13/2023	11/6/2023 11/10/2023		WO	General	00:00	.00	.00	.00	.00
4136563	Boonville	Replace Surge Protection Module at Main St Booster Pump Station	Closed	11/9/2023 12/24/2023	11/10/2023 11/10/2023		WO	Electrical	00:00	.00	.00	.00	.00
4136856	Boonville	Check Oil On Air Compressor	Closed	11/14/2023 11/17/2023	11/16/2023 11/16/2023		PM	General	00:00	.00	.00	.00	.00
4137175	Boonville	Lubricate Both Aerator Motors	Closed	11/15/2023	11/14/2023		PM	General	00:00	.00	.00	.00	.00

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Company WO Summary

WO Range 11/1/2023

WO #	Site	WO Title	Status	Start / Due	Completed / Closed	Time on Hold	Type	Category	Hours	Costs			
										Labor	Parts	Invoice	Total
		blowers		11/18/2023	11/14/2023								
4138168	Boonville	Chlorine Hoist Monthly Check	Closed	11/15/2023 11/18/2023	11/16/2023 11/16/2023		PM	Safety	00:00	.00	.00	.00	.00
4138169	Boonville	Chlorine Sensor Check - Storage Room	Closed	11/15/2023 11/18/2023	11/17/2023 11/17/2023		PM	Safety	00:00	.00	.00	.00	.00
4138170	Boonville	Chlorine Sensor Check - Feed Room	Closed	11/15/2023 11/18/2023	11/17/2023 11/17/2023		PM	Safety	00:00	.00	.00	.00	.00
4144440	Boonville	Inspect Electric Use Gloves	Closed	11/19/2023 11/22/2023	11/29/2023 11/29/2023		PM	Safety	00:00	.00	.00	.00	.00
4146476	Boonville	CAR 19 WEEKLY WALK AROUND INSPECTION	Closed	11/21/2023 11/24/2023	11/21/2023 11/21/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4146477	Boonville	TRUCK 23 WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/21/2023 11/24/2023	11/21/2023 11/21/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4146478	Boonville	AWR LM TRUCK WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/21/2023 11/24/2023	11/21/2023 11/21/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4148014	Boonville	Check Oil On Air Compressor	Closed	11/21/2023 11/24/2023	11/21/2023 11/21/2023		PM	General	00:00	.00	.00	.00	.00
4155695	Boonville	CAR 19 WEEKLY WALK AROUND INSPECTION	Closed	11/28/2023 12/1/2023	11/27/2023 11/27/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4155696	Boonville	TRUCK 23 WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/28/2023 12/1/2023	11/27/2023 11/27/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4155697	Boonville	AWR LM TRUCK WEEKLY VEHICLE WALK AROUND INSPECTION	Closed	11/28/2023 12/1/2023	11/29/2023 11/29/2023		PM	Vehicle	00:00	.00	.00	.00	.00
4157239	Boonville	Check Oil On Air Compressor	Closed	11/28/2023 12/1/2023	11/29/2023 11/29/2023		PM	General	00:00	.00	.00	.00	.00
										.00	.00	.00	.00

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MISSOURI DEPARTMENT OF NATURAL RESOURCES

DRINKING WATER LABORATORY

CERTIFIED PARAMETER LIST

This is to certify that the following personnel of the

Boonville Water Treatment **Plant**

located at

901 Riviera Dr, Boonville, MO

have been approved to perform the indicated procedures on drinking water under the Missouri
Public Drinking Water Regulations (10 CSR 60-5.020):

PERSONNEL

Todd Baslee – Chief Plant Operator

Russell Gerling – Local Manager

Brian Weber – Operator

Matthew Bishop – Operator

PARAMETERS AND METHODS

Total Coliform – SM 9223B Enzyme Substrate (Colisure Presence/Absence)

E. coli – SM 9223B Enzyme Substrate (Colisure Presence/Absence)

The Missouri Laboratory Certification Program has granted approval for a waiver of the
laboratory certification educational requirements allowing your laboratory to only analyze
samples for compliance purposes for your own public water system.

Expiration Date: November 30, 2026

Certificate No.: 15



REPORT OF OPERATIONS

Boonville, Missouri

Wastewater Treatment Plant

November 2023

Submitted by Alliance Water Resources, Inc.

December 18, 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

November 2023

Administrative

- None at this time.

Repair and Chemical Expense Report November 2023

Description	Budgeted	Actual Spent	Remaining
WWTP Repair Expense	\$40,000.00	\$12,574.44	\$27,425.56
LS Repair Expense	\$50,000.00	\$4,042.88	\$45,957.12
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.
- Trojan Technologies was here to install a new PLC in the UV Disinfection System.
- The staff removed the UV lamps from the Effluent Channel and stored them for the season.
- The staff replaced a shear pin in the Grit Collector.

Project Updates

- None at this time

Safety

- The staff conducted its Monthly Safety meeting.

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.

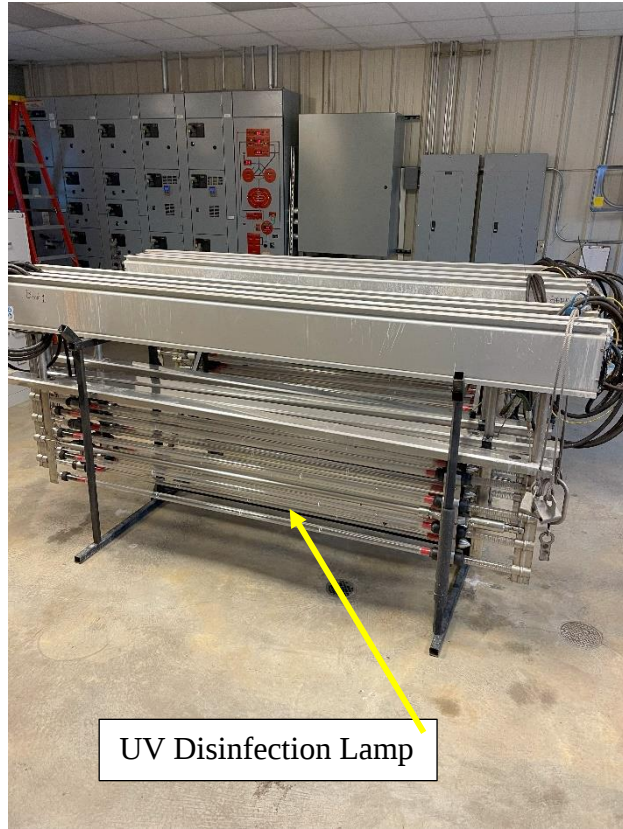
Concerns for the Month.

- None at this time

Photos



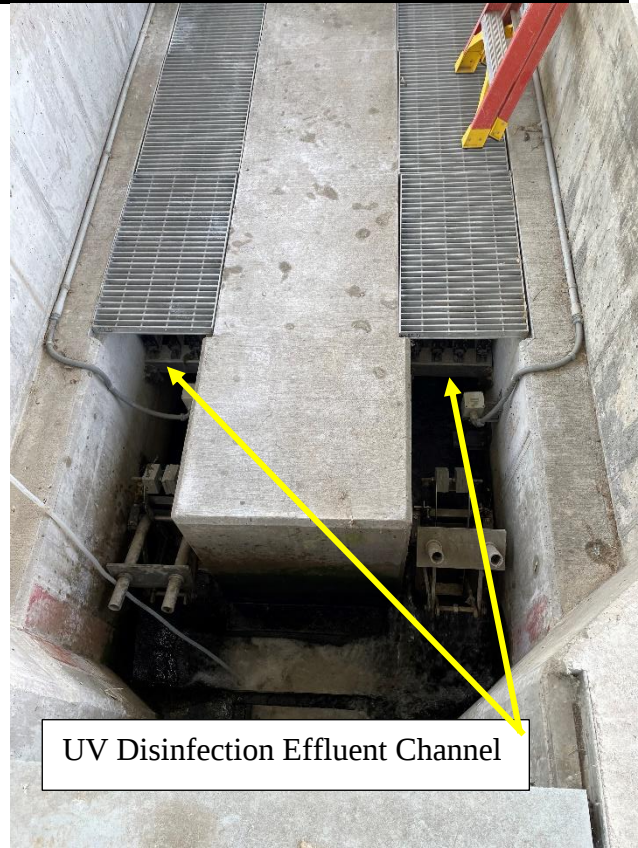
UV Disinfection PLC



UV Disinfection Lamp



Grit Collector Channel



UV Disinfection Effluent Channel

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	
11/1/23	11/30/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	1.030	0.650	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	*****	1.95	1.25	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	Weekly Avg.:45	Monthly Avg.:30		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Total Suspended Solids (TSS)	*****	3.13	1.72	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	*****:*****	Weekly Avg.:45	Monthly Avg.:30		*****:*****	*****:*****	
Sample Type: 24 Hour Composite							
Frequency: Weekly							
Nitrite plus nitrate total (as N)	29.1	*****	29.1	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)	4.98	*****	4.98	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							
pH	7.6	*****	7.9	SU	*****	*****	*****
Mon. Location.: End of Pipe	Minimum:6.5	*****:*****	Maximum:9.0		*****:*****	*****:*****	
Sample Type: Grab							
Frequency: Weekly							

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

BOD, 5-day, percent removal	*****	*****	99	%	*****	*****	*****
Mon. Location.: End of Pipe	*****.*****	*****.*****	Monthly Avg. Min.:85		*****.*****	*****.*****	
Sample Type: Calculated Frequency: Monthly							
Suspended Solids, percent removal	*****	*****	99	%	*****	*****	*****
Mon. Location.: End of Pipe	*****.*****	*****.*****	Monthly Avg. Min.:85		*****.*****	*****.*****	
Sample Type: Calculated Frequency: Monthly							
Nitrogen, ammonia total (as N)	0.024	*****	0.024	mg/L	*****	*****	*****
Mon. Location.: End of Pipe	Daily Max.:8.4	*****.*****	Monthly Avg.:2.4		*****.*****	*****.*****	
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	
11/1/23	11/30/23
NODI:	*****

Parameters	Reporting Requirements			Unit	Reporting Requirements		Unit
BOD, 5-day, 20 deg. C	*****	*****	231	mg/L	*****	*****	*****
Mon. Location.: Influent	*****.*	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Total Suspended Solids (TSS)	*****	*****	200	mg/L	*****	*****	*****
Mon. Location.: Influent	*****.*	*****.*	Daily Max.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Nitrogen, ammonia total (as N)	118	*****	118	mg/L	*****	*****	*****
Mon. Location.: Influent	Daily Max.:Monitoring Required	*****.*	Monthly Avg.:Monitoring Required		*****.*	*****.*	
Sample Type: 24 Hour Composite							
Frequency: Monthly							
Phosphorus, total (as P)	7.50	*****	7.50	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)	57.5	*****	57.5	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)	0.311	*****	0.311	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 December 5, 2023	User Phone Number (660)882-4024
------------------------------	-------------------------------------	------------------------------------

11/16/2023

Page Number: 1 of 8

City of Boonville Waste Water Plant
1200 Locust Street
Boonville, MO 65233
Bernita Bright

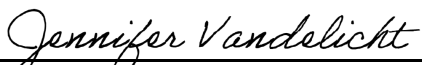
Project Name/Number: Caterpillar / N/A
Chain of Custody Number: 23-1182

Date Received: November 1, 2023
Time Received: 10:14
Relinquished by: W.C.
Sampler: Richard Arnold

Enclosed please find analytical results for sample(s) received as described above. The values reported are in conformance with internal and method quality control guidelines, unless otherwise noted. If you have questions or need more information, please contact us.

Thank you for your interest in working with Inovatia Laboratories.

Sincerely,



Jennifer Vandelicht
Quality Assurance

Enclosures: Chain of Custody Record(s)



120 East Davis Street
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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 10/31/23
Time Collected: 09:00

Sample Number: Caterpillar
Lab Number: 238178
Sample Matrix: Water
Sample Type: Grab

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Cyanide, Total	< 0.01	mg/L	0.01	SM 4500 CN E	11/13/2023 - SET
Hexane Extractable Material (HEM)	< 5	mg/L	5	EPA 1664 B	11/2/2023 - TP/BD
Acrolein	< 0.050	mg/L	0.050	EPA 624	11/8/2023 - SET
Acrylonitrile	< 0.050	mg/L	0.050	EPA 624	11/8/2023 - SET
Benzene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Bromodichloromethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Bromoform	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Bromomethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Carbon tetrachloride	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Chlorobenzene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Chlorodibromomethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Chloroethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
2-Chloroethyl vinyl ether	< 0.010	mg/L	0.010	EPA 624	11/8/2023 - SET
Chloroform	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Chloromethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,2-Dichlorobenzene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,3-Dichlorobenzene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,4-Dichlorobenzene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,1-Dichloroethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,2-Dichloroethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
trans-1,2-Dichloroethene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
trans-1,3-Dichloropropene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
cis-1,3-Dichloropropene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,1-Dichloroethene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET

Notes:

Report Date: 11/16/23
Page Number: 2 of 8

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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 10/31/23
Time Collected: 09:00

Sample Number: Caterpillar
Lab Number: 238178
Sample Matrix: Water
Sample Type: Grab

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Tetrachloroethene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,2-Dichloropropane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Ethylbenzene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Methylene chloride	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,1,2,2-Tetrachloroethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Toluene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,1,1-Trichloroethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
1,1,2-Trichloroethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Trichlorofluoromethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Trichloroethene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Vinyl chloride	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Dichlorodifluoromethane	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Xylene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET
Naphthalene	< 0.005	mg/L	0.005	EPA 624	11/8/2023 - SET

Notes:

Report Date: 11/16/23
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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 11/01/23
Time Collected: 09:00

Sample Number: Caterpillar
Lab Number: 238178
Sample Matrix: Water
Sample Type: Grab

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
2-Chlorophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
2,4-Dichlorophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
2,4-Dimethylphenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
4,6-Dinitro-o-cresol	< 0.100	mg/L	0.100	EPA 625	11/8/2023 - SET
2,4-Dinitrophenol	< 0.100	mg/L	0.100	EPA 625	11/8/2023 - SET
2-Nitrophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
p-Chloro-m-cresol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Pentachlorophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Phenol	< 0.010	mg/L	0.010	EPA 625	11/8/2023 - SET
2,4,6-Trichlorophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
2,4,6--Trichlorophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
1,2,4-Trichlorobenzene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
4-Nitrophenol	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
1,2-Dichlorobenzene	< 0.200	mg/L	0.200	EPA 625	11/8/2023 - SET
1,2-Diphenylhydrazine	< 0.040	mg/L	0.040	EPA 625	11/8/2023 - SET
1,3-Dichlorobenzene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
1,4-Dichlorobenzene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
2,4-Dinitrotoluene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
2,6-Dinitrotoluene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
2-Chloronaphthalene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
3,3'-Dichlorobenzidine	< 0.200	mg/L	0.200	EPA 625	11/8/2023 - SET
4-Bromophenyl phenyl ether	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
4-Chlorophenyl phenyl ether	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Benzo(k)fluoranthene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET

Notes:

Report Date: 11/16/23
Page Number: 4 of 8

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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 11/01/23
Time Collected: 09:00

Sample Number: Caterpillar
Lab Number: 238178
Sample Matrix: Water
Sample Type: Grab

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Acenaphthene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
bis (2-Chloroethoxy) methane	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Acenaphthylene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Anthracene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Butyl benzyl phthalate	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Benzo (a) anthracene	< 0.020	mg/L	0.020	EPA 625	11/8/2023 - SET
Benzo (a) pyrene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Benzidine	< 0.100	mg/L	0.100	EPA 625	11/8/2023 - SET
Benzo (k) Fluoranthene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
bis (2-Chloroethyl) ether	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
bis (2-chloroisopropyl) ether	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
bis (2-Ethylhexyl) phthalate	< 0.020	mg/L	0.020	EPA 625	11/8/2023 - SET
Benzo (ghi) perylene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Chrysene	< 0.040	mg/L	0.040	EPA 625	11/8/2023 - SET
Dibenzo (a,h)anthracene	< 0.100	mg/L	0.100	EPA 625	11/8/2023 - SET
Diethyl phthalate	< 0.100	mg/L	0.100	EPA 625	11/8/2023 - SET
Dimethyl phthalate	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Di-n-butyl phthalate	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Di-n-octyl phthalate	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Fluoranthene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Fluorene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Hexachlorobutadiene	< 0.010	mg/L	0.010	EPA 625	11/8/2023 - SET
Hexachlorobenzene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Hexachloroethane	< 0.020	mg/L	0.020	EPA 625	11/8/2023 - SET

Notes:

Report Date: 11/16/23
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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 11/01/23
Time Collected: 09:00

Sample Number: Caterpillar
Lab Number: 238178
Sample Matrix: Water
Sample Type: Grab

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Indeno (1,2,3-cd) pyrene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Isophorone	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Naphthalene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
N-Nitrosodimethylamine	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
N-Nitrosodiphenylamine	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
N-Nitrosodi-n-propylamine	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Nitrobenzene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Phenanthrene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Pyrene	< 0.050	mg/L	0.050	EPA 625	11/8/2023 - SET
Hexachlorocyclopentadiene	< 0.100	mg/L	0.100	EPA 625	11/8/2023 - SET
Total TTO	ND	mg/L	-	Calculation	11/8/2023 - SET

Notes:

Report Date: 11/16/23
Page Number: 6 of 8

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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 11/01/23
Time Collected: 09:40

Sample Number: Caterpillar
Lab Number: 238179
Sample Matrix: Water
Sample Type: Composite

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Chromium, Total	80.7	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Nickel, Total	85.1	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Copper, Total	105	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Zinc, Total	142	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Arsenic, Total	8.65	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Silver, Total	< 2.50	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Cadmium, Total	< 2.50	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Barium, Total	15.2	ug/L	2.50	EPA 200.8	11/6/2023 - BD
Mercury, Total	< 0.2	ug/L	0.2	EPA 245.1	11/8/2023 - SET
Lead, Total	< 2.50	ug/L	2.50	EPA 200.8	11/6/2023 - BD

Notes:

Report Date: 11/16/23
Page Number: 7 of 8

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ANALYSIS REPORT

Chain of Custody Number: 23-1182
Project Name / Number: Caterpillar / N/A
Date Collected: 11/1/2023
Time Collected: 09:40

Sample Number: Caterpillar - Duplicate
Lab Number: 238180
Sample Matrix: Water
Sample Type: Composite

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Lead, Total	< 2.50	ug/L	2.50	EPA 200.8	11/6/2023 - BD

Notes:

Report Date: 11/16/23
Page Number: 8 of 8

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CHAIN OF CUSTODY RECORD

INOVATIA LABORATORIES, LLC
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FAYETTE, MO 65248-0030

PHONE: (660) 248-1911
FAX: (660) 248-1921
IL_CustServ@inovatia.com

CHAIN NUMBER: 231182
DATE REPORTED: 2023/11/16
INVOICE NUMBER: 29888

Contact Name: Richard Arnold Phone Number: 660-882-4024 Project Due Date: _____
Company Name: Alliance Water Resources Fax Number: 660-882-3385 Comments: Reports to: rarnold@alliancewater.com
Address: 1545 Cauthon Dr. Project Name / Number: Caterpillar wwtp@boonville-mo.org
City, State, Zip: Boonville, MO 65233 Quote Number: _____ Sampler's Name: Richard Arnold
E-Mail: rarnold@alliancewater.com Purchase Order Number: _____ (please print) Sampler's Signature: Richard Arnold

DISPOSITION INFORMATION

- ☐ STORE WITHIN HOLD TIME
☐ STORE LONG TERM
☐ RETURN AT CUSTOMER EXPENSE
☐ DISPOSE OF SAMPLE AT INOVATIA
☐ OTHER
NOTES: _____

DELIVERY METHOD: <u>Hand</u>					G=grab / C=composite	No. of Containers	REQUESTED ANALYSES														Comments:
CUSTODY SEALS: ☐ YES ☒ NO ☐ INTACT ☐ BROKEN							NUMBER PER PRESERVATIVE														
COOLANT: ☒ ICE ☐ ICE PACK ☐ NONE							HCl	HNO ₃	NaOH	H ₂ SO ₄	TSP	Other:	Other:	HEM	TTO VOC	TTO SVOC	As. Cd. Cr. Cu. Ba.	Pb. Ni. Ag. Zn.	Pb.	Cyanide	
LAB NUMBER	Customer Sample Number	Date Collected	Time Collected	Matrix Soil / Water / Sludge / Other																	
1 238178	Caterpillar	10-31-23	09:00	Water	Grab	5															
2 238179	Caterpillar	11-1-23	09:40	Water	Com	2										X	X			X	
3 238180	Caterpillar - Duplicate	11-1-23	09:40	Water	Com	1												X			
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished By: Richard Arnold	Date: 11-1-23	Time: 09:50	Received By: Lily Chen	Date: 11-1-23	Time: 0950
Relinquished By: Lily Chen	Date: 11-1-23	Time: 10:05	Received By: Jennifer LaRocca	Date: 11/1/23	Time: 1014

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