UTILITY COMMITTEE
Meeting Notice

Governing Body: Utility Committee of Boone, Iowa
Date of Meeting: February 13, 2024
Time of Meeting: 4:30 P.M.
Place of Meeting: City Hall Council Chambers

1. Call Meeting to Order.
2. Approve Minutes from the January 16, 2024 Meeting.
3. Review/Approve TdVib Industrial Pretreatment Permit.
4. Discuss WHKS Sanitary Sewer I/I Inspection Program Preliminary Area (Phase 6).
5. Review January 2024 US Water Monthly Report.
6. Meter Upgrade Report.
    a. January
7. Stop Box Repair/Shut Off Report.
    a. January
8. Other Business.
9. Adjourn.

UTILITY COMMITTEE
Meeting Notice

Governing Body: Utility Committee of Boone, Iowa
Date of Meeting: January 16, 2024
Time of Meeting: 4:30 P.M.
Place of Meeting: City Hall Council Chambers

1. Call Meeting to Order.

   Present: Angstrom, Moorman, and Byrd
   Others present: Elmquist, Montag, Andrews, Vote, Turbes, Majors, Dave Moore

2. Approve Minutes from the December 12, 2023, Meeting.

   Moorman moved; Byrd seconded to approve the minutes from the December 12, 2023, Utility Meeting. Ayes: all those in attendance. Nays: none.

3. Review Iowa Department of Natural Resources (IDNR) Report for the Water Treatment Plant.

   Dave Moore, Boone Water Plant Lead Operator, presented the Iowa Department of Natural Resources (IDNR) Sanitary Survey and summarized the deficiencies, requirements, and recommendations stated in the report. Moore advised that staff have already started on procedures to correct any issues.

4. Discuss Chapter 91 Regarding Civil Penalties.

   The Committee reviewed Boone Ordinance, Chapter 91, to potentially add section 91.15 instating a $50.00 fee, per month, for property owners who opt not to allow repairs or maintenance of their water meter within ninety (90) days after being notified in writing and increasing the fee to $70.00 after year one (1). Vote expressed her concerns for tracking the violations if the fee were to increase after year one (1), and safety concerns for staff. The Committee directed staff to revise the draft ordinance by removing the increase and keeping the fee at $50.00 per month for non-compliance and to bring to full Council for review and first reading at the February 5, 2024, City Council meeting.

5. Review December 2023 US Water Monthly Report.

   The Committee reviewed the monthly US Water and Wastewater Operations and Maintenance Report for December 2023.

6. Meter Upgrade Report.

a. December

Andrews reported that in December staff finished thirty-seven (37) meter upgrades.

7. Stop Box Repair/Shut Off Report.
    a. December

    Vote stated that staff does not shut water off in November and December. Sixteen (16) delinquent bills, totaling $4,992.14 were certified January 12, 2024, but if left unpaid, thirteen (13) bills totaling $2,846.50 are scheduled to be certified in January 26, 2024. Vote also reported that there are one hundred twenty-three (123) stop boxes in need of repair, fifty-three (53) of which have lead service lines.

8. Other Business.

9. Adjourn.

    4:55 p.m.

INDUSTRIAL USER WASTEWATER DISCHARGE PERMIT

CITY OF BOONE, IOWA

Name / Address of Permittee	**Location of Facility**
TdVib LLC	Critical Materials Recycling
2121 Industrial Park Road	2121 Industrial Park Road
Boone, Iowa 50036	Boone, Iowa 50036

SIC Code: 2819 – Industrial Inorganic Chemicals, Not Elsewhere Classified

Permit Number: _____

Issue Date: February 19, 2024

Expiration Date: February 18, 2029

Renewal Application Date: November 19, 2029

Permit term shall not exceed five (5) years post issue date, per 40 CFR 403.8(f)(1). This permit is issued for a period of five (5) years.

Renewal application must be received in the Pretreatment Office at least 90 days prior to expiration, per City Code 96.27.

The City of Boone hereby authorizes the above-named Permittee to discharge wastewater into the City's sanitary sewer system in accordance with the effluent limitations, monitoring requirements, and other terms set forth in this permit. The Permittee will be responsible for providing appropriate wastewater pretreatment and wastewater monitoring facilities as required to comply with this permit.

This permit is issued pursuant to City Code Section 96.17, Iowa Administrative Code [567] Chapter 62, and Title 40, Part 403 of the Code of Federal Regulations. The permit is non-transferable and shall not be sold or reassigned to a new owner or different user without

prior approval from the City as per City Code Section 96.25. The City reserves the right to modify this permit for good cause at any time as provided in City Code Section 96.24.

Compliance with this permit does not relieve the Permittee from its obligation to comply with other applicable regulations under local, state, or federal laws, including any such regulations or laws that may become effective during the term of this permit. Noncompliance with any term or condition of this permit shall constitute a violation of City Ordinance No. 96.17 and may result in revocation of the permit as provided in City Code Section 96.26.

Authorized by:_____ Date: _____
Authorizing Agent, City of Boone, Iowa

Authorized by:_____ Date:_____
Authorizing Agent for Industry, CMR

1. DESCRIPTION OF FACILITY AND PRETREATMENT PROCESS

Industry recycles rare earth elements to manufacture rare earth oxide product. Two liquid waste streams are generated named Stream 1 and Stream 2. The pretreatment process for each stream consists of ion exchange and pH adjustment causing materials to precipitate. The solution is filtered to remove solids before discharging by gravity to the City's sanitary sewer.

2. DISCHARGE LOCATION

Effluent Sampling Station. shall capture the combined Stream 1 and Stream 2 process discharges. Sanitary waste shall not be mixed with the process discharge at the sample point.

3. CLASSIFICATION OF FACILITY (check one)

☐ **Non-Categorical Significant Industrial User (NCSIU).** Includes users that discharge an average of 25,000 gallons per day or more of process wastewater to the City's wastewater treatment plant; users with waste streams that make up 5 percent or more of the hydraulic or organic load capacity of the City's wastewater treatment plant; and any other users determined by the City to have a reasonable potential for adversely affecting the City's wastewater treatment plant or for violating any pretreatment standard.

☒ **Categorical Industrial User (CIU).** Includes users subject to Categorical Pretreatment Standards per 40 CFR 403.6. Specific categories are listed in 40 CFR Parts 405-471.

☐ **Middle Tier Categorical Industrial User.** Includes categorical users designated by the City as a middle tier CIU per 40 CFR 403.12(e)(3). To qualify, the user's discharge must be less than 5,000 gpd and must not exceed 0.01 percent of the hydraulic, organic, or pollutant load capacity of the City's wastewater treatment plant. In addition, the user must not have been in significant noncompliance at any time in the past two years and must not have significant variations in flows or pollutant levels that would cause unrepresentative data during the reporting period.

☐ **Non-Significant Categorical Industrial User (NSCIU).** Includes categorical users designated by the City as a non-significant CIU per 40 CFR 403.3(v)(2). To qualify, the user must never discharge more than 100 gallons per day of categorical wastewater (excludes sanitary, non-contact cooling, and boiler blowdown wastewater unless specifically included in the categorical standard). In addition, the user must have consistently met all applicable pretreatment standards; and must never discharge any untreated concentrated wastewater; and must submit an annual certification per 40 CFR 403.12(q).

4. CATEGORICAL PRETREATMENT STANDARDS

This facility is subject to the following Categorical Pretreatment Standards:

National Categorical Pretreatment Standard	Code Section of 40 CFR Rules
Inorganic Chemicals Manufacturing	Title 40 Chapter 1 Subchapter N Part 415

5. EFFLUENT LIMITATIONS

You are prohibited from discharging wastewater to the City's wastewater collection system and treatment plant except in compliance with the following effluent limits:

Conventional Pollutant Effluent Limitations

Parameter	30-Day Average	Daily Maximum	Location
Flow	640 GPD	640 GPD	Effluent Sampling Station
BOD5	228 mg/L	228 mg/L	Effluent Sampling Station
Total Suspended Solids	257 mg/L	257 mg/L	Effluent Sampling Station
Ammonia Nitrogen	34 mg/L	34 mg/L	Effluent Sampling Station
pH	N/A	5.5 – 9.5 S.U.	Effluent Sampling Station
Fats, Oils, and Greases (FOG)	100 mg/L	100 mg/L	Effluent Sampling Station

NOTE: Permittee must also comply with the "Prohibited Discharge Standards" in City Code 96.07 and "Local Limits" for metals and other specific pollutants in City Code 96.10.

Local Limits Effluent Limitations

Parameter	30-Day Average (lb/day)	Daily Maximum (lb/day)	Location
Chromium	0.00227 lb/d	0.00227 lb/d	Effluent Sampling Station
Lead	0.000219 lb/day	0.000219 lb/day	Effluent Sampling Station
Nickel	0.011 lb/day	0.011 lb/day	Effluent Sampling Station
Cyanide	0.01677 mg/L	0.01677 mg/L	Effluent Sampling Station
Phenol	0.500 mg/L	0.500 mg/L	Effluent Sampling Station
Arsenic	0.01457 mg/L	0.01457 mg/L	Effluent Sampling Station
Cadmium	0.00137 mg/L	0.00137 mg/L	Effluent Sampling Station
Copper	0.05000 mg/L	0.05000 mg/L	Effluent Sampling Station
Mercury	0.00155 mg/L	0.00155 mg/L	Effluent Sampling Station
Molybdenum	0.17129 mg/L	0.17129 mg/L	Effluent Sampling Station
Selenium	0.01000 mg/L	0.01000 mg/L	Effluent Sampling Station
Silver	0.01520 mg/L	0.01520 mg/L	Effluent Sampling Station
Zinc	0.30000 mg/L	0.30000 mg/L	Effluent Sampling Station

6. MONITORING REQUIREMENTS

The monitoring requirements under this permit are summarized as follows:

Conventional Pollutant Monitoring

Parameter	Monitoring Frequency	Sample Type	Monitoring Location
Flow	Daily*	Metered	Effluent Sampling Station
BOD	One (1) time per month	24-Hour Composite	Effluent Sampling Station
TSS	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Fats, Oils, and Greases (FOG)	One (1) time per month	Grab	Effluent Sampling Station
pH	One (1) time per month	Grab	Effluent Sampling Station

*Daily flows are calculated based off days between meter readings.

Local Limits Effluent Monitoring

Parameter	Monitoring Frequency	Sample Type	Monitoring Location
Chromium	One (1) time per week	24-Hour Composite	Effluent Sampling Station
Lead	One (1) time per week	24-Hour Composite	Effluent Sampling Station
Nickel	One (1) time per week	24-Hour Composite	Effluent Sampling Station
Mercury	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Zinc	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Arsenic	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Cadmium	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Molybdenum	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Selenium	One (1) time per month	24-Hour Composite	Effluent Sampling Station
Silver	One (1) time per month	24-Hour Composite	Effluent Sampling Station

7. RESPONSIBILITY FOR SAMPLING, MONITORING AND ANALYSIS

Monitoring samples shall be collected downstream of any pretreatment facilities, prior to dilution with any non-regulated wastewater stream and prior to discharge to the City's sanitary sewer system.

Sampling, monitoring, and analysis under this permit will be as follows (check all that apply):

☐ **Sampling and monitoring are not required because this is a Non-Significant Categorical user.**

☒ **Sampling, monitoring, and analysis shall be performed by the Permittee.**

☐ **Sampling, monitoring, and analysis shall be performed by the City in lieu of Permittee as provided in 40 CFR 403.12(g)(1).** Permittee shall not be responsible for any sampling, monitoring, or analysis except for N/A

_____

_____

☒ **Flow monitoring equipment shall be provided and maintained by** the Permittee **at the following location (s):** final effluent location**.**

☒ **Composite sampler(s) shall be provided and maintained by** the Permittee **at the following location(s):** final effluent location.

If routine sampling, monitoring, or analysis is performed by the City in lieu of Permittee, the Permittee may be required to reimburse the City for expenses incurred. The Permittee may also be required to reimburse the City for the costs of providing and maintaining flow monitoring equipment or composite samplers. All samples and measurements shall be taken at the monitoring locations specified in this permit (unless otherwise noted) and must be representative of the conditions being monitored. The Permittee shall not change, alter, or remove any monitoring or sampling equipment without prior approval from the City. Sampling and monitoring equipment provided by the Permittee shall be maintained by the Permittee in good working order at Permittee's own expense. The Permittee shall immediately notify the City of any problems and promptly repair or replace any sampling or monitoring equipment that is not functioning properly. Spare parts shall be kept available at the Permittee's facility as necessary to make routine repairs. Flow monitoring equipment shall be calibrated at least once a year to ensure accuracy. The calibration shall be performed by a qualified third party acceptable to the City. The Permittee will be responsible for securing the third party to perform the calibration. The calibration shall ensure that accuracy is consistent with the accepted capability for that type of flow monitoring device and does not deviate by more than ten percent from true discharge rates throughout the range of expected discharge volumes. Calibration reports shall be submitted to the Pretreatment Office at least annually and more often if monitoring problems indicate the need for more frequent calibration.

Permittee shall be equipped with a sampling station at a point of effluent discharge. The sampling station shall have a sink, running hot water, locking sampler, flow meter, drain and light source. The station maybe in-house or at an exterior location. An exterior location must be enclosed, heated and adequately accessible. All samples shall be kept refrigerated at 4 degrees Celsius. If Permittee is out of compliance with this ordinance, the Control Authority may request renovations or relocation of said sampling stations.

8. TEST METHODS. *40 CFR 403.12(g)(5)*

Samples must be analyzed using approved methods specified in 40 CFR Part 136 and amendments thereto. Recognized laboratory manuals such as "Standard Methods for the Examination of Water and Wastewater" (current edition) may be used as a reference.

9. USE OF CERTIFIED LABORATORIES. *IAC 567-63.1(4)*

All testing must be done by laboratories certified by the State of Iowa under one or more of Iowa's environmental laboratory certification programs in accordance with IAC 567 Chapter 83. Routine on-site monitoring for pH, temperature, dissolved oxygen, total residual chlorine, and settleable solids, are excluded from this requirement (reference IAC 567-63.1(4)).

10. RECORDKEEPING. *40 CFR 403.12(o)*and *IAC 567-63.2*

The City shall maintain records of all monitoring activities in accordance with 40 CFR 403.12(o) and IAC 567-63.2. The records shall include: (1) Date, time, and place of sampling; (2) Name of person who collected the samples or took the measurements; (3) Method of sampling used; (4) Dates when samples were analyzed; (5) Name of person who performed the analysis; (6) Analytical techniques used; (7) Results of the analysis; and (8) Name and identification number of Iowa-certified testing laboratory that did the analysis. The City shall keep these records on-site at its facility and retain them for a minimum of three years. These records shall be available for the Permittee to review during normal working hours but do not need to be submitted to the Permittee unless specifically requested. Permittee shall keep Operation and Maintenance Records of their wastewater treatment facility, and shall furnish them at City's request, in order to establish Permittee's adequacy in operating and maintaining their facility to meet the discharge requirements specified herein.

11. PERIODIC MONITORING REPORTS. *40 CFR 403.12(e) and (h)*

The Permittee will be responsible for periodic monitoring reports as follows (check one):

☐ **Periodic monitoring reports are not required.** Permittee is exempt under 40 CFR 403.12(g)(1) and is not required to submit periodic monitoring reports to the City because either: (1) the Facility is a Non-Significant Industrial User; or (2) Sampling and analysis is performed by the City in lieu of the Permittee and the information for the reports is collected by the City itself

☒ **Periodic monitoring reports are required.** Permittee is required to submit periodic monitoring reports to the City as specified in 40 CFR 403.12(e) for Categorical Industrial Users, or 40 CFR 403.12(h), for Non-Categorical Significant Industrial Users. These code sections require the reports to be submitted once every six months on June 30 and December 31. The reports may be required more frequently if deemed necessary by the City or may be reduced to not less than once a year for a "Middle Tier" Categorical Industrial User as allowed under CFR 403.12(e)(3). For this permit, it has been determined that the monitoring reports will be required at intervals of one time per month. The reports shall be due no later than 15 days following the end of each monthly monitoring period.

Monitoring reports may be submitted by any means acceptable to the City. The reports shall include a summary of the monitoring data collected during each month. The data shall be arranged in tabular form with column headings similar to the forms used by the Iowa Department of Natural Resources. Days should be listed in the left-hand column with the first day of the month at the top and last day at the bottom. Flow data should be reported in the next column. The rest of the columns are to be used for reporting test data for other parameters such as CBOD and TSS. The data in each column shall be tabulated at the bottom of the page to show the average, maximum, and minimum values for each parameter. If the Permittee monitors any pollutants more frequently than required by this permit, the data from such monitoring shall be included in the monitoring reports per 40 CFR 403.12(g)(6) and shall be used in determining the average, maximum, and minimum values.

All monitoring reports must be signed and dated and include the following certification statement found in 40 CFR 403.6(a)(2)(ii):

"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."

The above certification must be signed by a responsible corporate officer or manager at the facility in accordance with 40 CFR 403.12(l) unless the Permittee provides the City with written authorization for other individuals to sign on behalf of the corporate officer or manager as specified in 40 CFR 403.12(l)(3).

12. SAMPLING AND SURVEILLANCE BY CITY. *40 CFR 403.8(f)(2)(v)*

The City will randomly sample and analyze effluent from the Permittee's facility and conduct surveillance inspections to identify noncompliance with pretreatment standards as specified in 40 CFR 403.8(F)(2)(f). The sampling and surveillance will be done at least one time per year but may be done more frequently if deemed necessary by the City or may be reduced to once every two years for a "Middle Tier" Categorical Industrial User as allowed under 40 CFR 403.8(f)(2)(v)(c). The City may choose not perform sampling and surveillance of this facility if it is classified as a Non-Significant Categorical Industrial User, however, the City must conduct an evaluation one time per year to determine if the facility continues to meet the criteria for this classification as specified in 40 CFR 403.8(f)(2)(v)(B). The City reserves the right to do random sampling and surveillance at any time it deems necessary. The Permittee may be required to reimburse the City for expenses incurred in performing the random sampling, analysis, and surveillance inspections.

13. ACCESS BY CITY.

The City or its duly authorized representative(s) shall be allowed to enter the Permittee's premises at reasonable times as necessary to collect effluent samples or conduct surveillance inspections. The City shall be allowed access to all sampling and monitoring locations, areas where wastewater treatment is performed, and any areas where pollutants could enter the sewer. The Permittee is responsible for maintaining access to all sampling and monitoring locations and shall keep the sampling and monitoring locations cleared of snow and ice, as necessary. Permittee may also be required to erect shelter buildings over sampling manholes, flow monitoring structures, and other outdoor monitoring locations where deemed necessary by the City.

14. SLUG CONTROL PLAN. *40 CFR 403.8(f)(2)(vi) and City Code 96.14*

A slug discharge is an accidental spill, release, bypass, or other non-routine discharge that has a reasonable potential to cause interference or pass through at the City's wastewater treatment plant causing or contributing to noncompliance resulting in violate of any regulation or National Pollution Discharge Elimination System (NPDES) permit limit by the City. A slug control plan is a management strategy to prevent slug discharges and mitigate adverse impacts. Federal code Section 40 CFR 403.8(f)(2)(vi) requires the City to evaluate each industrial user at least one time to determine if the facility is required to have a slug control plan or implement other measures to prevent slug discharges. This evaluation has resulted in the following determination under this permit (check one):

☐ **This facility does not need a slug control plan.** The facility does not have a reasonable potential to cause slug discharges or has implemented appropriate measures to prevent slug discharges.

☐ **This facility already has a satisfactory slug control plan on file with the City.**

☒ **This facility must submit a slug control plan.** The Permittee is required to submit a slug control plan to the City within 120 days after this permit is issued.

Slug control plans are required to contain the following elements: (1) Description of discharge practices including non-routine batch discharges; (2) Description of storage facilities for all chemicals; (3) Procedures for immediately notifying the City of any slug discharge with follow-up written notification within five days; and (4) Procedures for preventing adverse impacts from spills including inspection and maintenance of chemical storage areas, material handling areas, loading and unloading operations, control of site run-off, worker training, spill containment structures and/or measures and equipment for emergency response. If the facility has other plans or reports that contain the information needed for a slug control plan these other plans or reports may be used as attachments to the slug control plan. Examples of other plans or reports that may be used include "Spill Prevention and Countermeasure (SPCC) Plans" and "Hazardous Chemical Inventory Reports".

The Permittee is required to notify the City immediately of any changes at its facility that could affect the potential for a slug discharge so the City may re-evaluate slug control measures if necessary.

15. NOTICE OF POTENTIAL PROBLEMS, INCLUDING SLUG LOADING. *40 CFR 403.12(f)*

Permit holder must immediately notify the City of any discharges that could cause problems with the City's wastewater treatment facilities including spills, slug loadings, and discharges that would violate a prohibited discharge standard under 40 CFR 403.5. The Permittee shall additionally provide follow-up written notification of such problems to the City within five (5) days as required in 40 CFR 403.8(f)(2)(vi)(c).

16. NOTICE OF VIOLATION AND REPEAT SAMPLING. *40 CFR 403.12(g) (2)*

If sampling performed by the Permittee indicates a violation, the Permittee shall notify the City within 24 hours of becoming aware of the violation as provided in 40 CFR 403.12(g)(2). The Permittee shall also repeat the sampling and analysis for the parameter that had the violation and submit the results of the repeat analysis to the City within 30 days after becoming aware of the violation. If the sampling was performed by the City in lieu of the Permittee, the repeat sampling and analysis will be done by the City unless it notifies the Permittee of the violation and requires the Permittee to perform the repeat analysis. Repeat sampling will not be required if the parameter that had the violation is regularly sampled and tested at least once a month.

17. NOTIFICATION OF CHANGED DISCHARGE. *40 CFR 403.12(j) and City Code 96.32*

The Permittee shall promptly notify the City in advance of any substantial change in the volume or character of any pollutants in its effluent discharge, at least 90 days before the change. This includes pollutants subject to the hazardous waste notification requirements in 40 CFR 403.12(p) as described below.

18. NOTIFICATION OF HAZARDOUS WASTE DISCHARGE. *40 CFR 403.12(p) City Code 96.07*

If the Permittee discharges more than fifteen kilograms per month of any substance to the City's treatment plant that would be considered hazardous waste under 40 CFR 261, the Permittee must submit a one-time written notification to the City of Boone, the EPA Regional Waste Management Division, and the Iowa Department of Natural Resources. Written notification is also required if the Permittee discharges any amount of any substance that would be considered "acute" hazardous waste as specified in 40 CFR 261.30(d) or 261.33(e). The notification must include the name of the hazardous waste as set forth in 40 CFR 261, the EPA hazardous waste number, and type of discharge (continuous, batch, or other). If the amount of hazardous waste exceeds 100 kilograms per month, the notification shall also include: (1) an identification of the hazardous constituents in the wastes; (2) an estimate of the mass and concentration of hazardous constituents discharged during that calendar month; and (3) an estimate of the mass of constituents expected to be discharged during the following twelve months. All notifications must be accompanied by a certification that the Permittee has a waste reduction program in place to reduce the volume and toxicity of hazardous wastes generated to a degree it has determined to be economically practical. The notification must be submitted within 180 days after the discharge of hazardous waste begins and is also required within 90 days after the effective date of any rule changes that reclassify existing wastes as hazardous wastes. The notification needs to be submitted only once for each hazardous waste that is discharged, however, if there are any changes in the volume or character of the waste a notification of "changed discharge" must be submitted as specified in 40 CFR 403.12(j). Pollutants already reported under the self-monitoring requirements of 40 CFR 403.12(b), (d), and (e) are exempt from the notification requirements.

19. UPSET NOTIFICATION. *40 CFR 403.16*

An Upset is defined as an exceptional incident in which there is unintentional and temporary noncompliance with pretreatment standards due to factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed or inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation. If the Permittee experiences an upset that results in temporary noncompliance, the Permittee shall inform the City within 24 hours of becoming aware of the upset and provide a follow-up written report to the City within five (5) days. The report shall contain: (1) a description of the upset and its cause; (2) the duration of noncompliance including exact dates and times and/or anticipated time the noncompliance is expected to continue if the problem has not yet been corrected; (3) steps taken or planned to reduce, eliminate, and prevent any further upsets or noncompliance. An upset may be used as an affirmative defense in enforcement proceedings if the Permittee can establish that the noncompliance was caused by an upset and can also demonstrate that the pretreatment facility was being operated in a prudent and workman-like manner at the time the upset occurred. The Permittee shall have the burden of proof in establishing that an upset occurred.

20. BYPASS NOTIFICATION. *40 CFR 403.17*

A bypass is an intentional diversion of a waste stream from any portion of a treatment facility. All bypasses are prohibited except for emergency bypasses and planned bypasses. Emergency

bypasses will only be permitted if they are essential to prevent loss of life, personal injury, or severe property damage and there is no feasible alternative to the bypass. Planned bypasses will only be permitted if they are essential for maintenance purposes and do not cause any violations of pretreatment standards. If the Permittee knows in advance of the need for a bypass, it shall submit written notice to the City at least ten (10) days prior to the date of the bypass if possible. If a bypass results in noncompliance (even a planned bypass for maintenance purposes) or an unanticipated bypass occurs, the Permittee must inform the City within 24 hours after becoming aware of the noncompliance and must submit a follow-up written report to the City within five days. The report shall contain: (1) a description of the bypass and its cause; (2) the duration of bypass including exact dates and times and/or anticipated time the bypass is expected to continue if the problem has not yet been corrected; (3) steps taken or planned to reduce, eliminate, and prevent any further bypasses.

21. SPECIAL REPORTS FOR CATEGORICAL USERS. *40 CFR 403.12(b), (c), and (d)*

Categorical Industrial Users are required to submit the following reports:

Baseline Monitoring Report (BMR). 40 CRF 403.12(b). New facilities that will be subject to a categorical standard must submit a baseline monitoring report to the City at least 90 days prior to commencement of discharge. Existing facilities that become subject to a new categorical standard after the facility was built must submit a baseline report to the City within 180 days after the effective date of the new standard. Baseline reports shall contain all the information listed in 40 CFR 403.12(b) (1) through (5).

For existing facilities, the baseline reports shall additionally contain a certification by a qualified professional as required in 40 CFR 403.12(b) (60). The certification shall indicate whether applicable pretreatment standards are being met, and, if not, specify whether additional pretreatment facilities are required to meet the standards. If the facility is unable to meet the pretreatment standards, it must submit a compliance schedule to the City as required in 40 CFR 403.12(b) (7). The compliance schedule shall contain dates for major events leading to the construction of a new wastewater pretreatment facility or upgrade of an existing facility as necessary to achieve compliance. Examples of major events include hiring of an engineer, begin design, complete design, start construction, complete construction, performance testing, and final compliance.

Compliance Schedule Progress Reports. 40 CFR 403.12(c). If an existing facility is subject to a compliance schedule under 40 CFR 403.12(b)(7), it must submit progress reports to the City no later than 14 days after each date in the schedule and no more than 9 months apart. Progress reports shall indicate the status of the project and whether or not it is on schedule. If the project is falling behind, the report shall indicate the reason for the delay, steps being taken to return to schedule, and a statement of when the project is expected to be back on schedule. The City will review these reports to track the progress of the work.

90-Day Compliance Report. 40 CFR 403.12(d). New facilities that are subject to a categorical standard must submit a compliance report to the City within 90 days after commencement of discharge. Existing facilities that became subject to a new categorical standard must submit a compliance report to the City within 90 days after the final compliance date specified in a categorical standard or within 90 days after the compliance date specified by the City, whichever

is earlier. Compliance reports shall include flow measurements and pollutant measurements along with their applicable pretreatment limits and certification by a qualified professional indicating whether the pretreatment standards are being met. If the standards are not being met, the report must specify how compliance will be achieved.

The Baseline Monitoring Report and 90-Day Compliance Report must include the certification statement in 40 CFR 403.6(a) (2) (ii) and be signed in accordance with the signatory requirements in 40 CFR 403.12(l).

22. CERTIFICATION BY NON-SIGNIFICANT CATEGORICAL USERS. *40 CFR 403.12(q)*

Non-Significant Categorical Industrial Users must submit an annual certification to the City as follows:

Based on my inquiry of the person or persons directly responsible for managing compliance with the categorical Pretreatment Standards under 40 CFR_____. I certify that, to the best of my knowledge and belief that during the period from_____, to_____[months, days, year]:

(a) The facility described as_____(facility name) met the definition of a Non-Significant Categorical Industrial User as described in §403.3(v)(2);

(b) The facility complied with all applicable Pretreatment Standards and requirements during this reporting period; and

(c) The facility did not discharge more than 100 gallons of total categorical wastewater on any given day during this reporting period. This compliance certification is based upon the following information:

The certification statement for non-significant categorical users must be signed in accordance with the signatory requirements in 40 CFR 403.12(l).

23. PROHIBITED DISCHARGES. *40 CFR 403.5 and City Code 96.07*

The Permittee shall not discharge any pollutants prohibited under 40 CFR 403.5 or City Code 96.07. Prohibited discharges include, but are not limited to, the following:

(a) Pollutants which create a fire or explosion hazard including gasoline, benzene, solvents, and other substances with a closed cup flashpoint of less than 60 degrees Centigrade (140 degrees Fahrenheit).

(b) Corrosive substances or wastewater having a pH above 9.5 or less than 5.5.

(c) Solid or viscous pollutants including grease, sludge, garbage, fax, wax, tar, rags, wood, etc., which may obstruct flow or interfere with the treatment works.

(d) Any pollutant in an amount that will cause interference at the City's treatment works, including oxygen demanding pollutants such as BOD.

(e) Heat in amounts which will inhibit biological activity at the treatment works or cause the temperature at the treatment works to exceed 40 degrees Centigrade (104 degrees Fahrenheit), but in no case wastewater having a temperature higher than 65 degrees Centigrade (150 degrees Fahrenheit).

(f) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through the treatment works.

(g) Toxic liquids, solids, gases, vapors, or fumes that may cause health or safety problems.

(h) Any wastewater containing medical wastes or radioactive wastes.

(i) Any wastewater with an objectionable color not removed in the treatment process including dyes.

(j) Any trucked or hauled pollutants, except at discharge points designated by the City.

(k) Any substance that may interfere with the City's treatment works or cause violation of its NPDES permit.

24. SIGNIFICANT NONCOMPLIANCE. *40 CFR 403.8(f)(2)(viii)*

The Permittee will be considered to be in "significant non-compliance" for any of the following:

(a) Chronic Permit Violations. These are violations in which 66 percent or more of the measurements for the same parameter during a 6-month period exceeded the discharge limit for that parameter.

(b) Technical Review Criteria (TRC) Violations. These are violations in which 33 percent or more of the measurements for the same parameter during a 6-month period were equal to or greater than the discharge limit multiplied by the applicable TRC factor (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).

(c) Any other serious violation of a pretreatment standard or requirement if the City determines that the violation caused significant interference or noncompliance at the City's wastewater treatment plant.

(d) Any discharge of a pollutant that has caused imminent risk to human health or welfare, or endangered the environment, or resulted in the City exercising its emergency authority to halt or prevent such a discharge under 40 CFR 403.8(f)(l)(vi)(B).

(e) Failure to meet a compliance schedule deadline within 90 days after the completion date in the schedule.

(f) Failure to submit a required report within 45 days after the due date.

(g) Failure to accurately report noncompliance or violations.

(h) Any other violation or group of violations that adversely affect the operation of the City's treatment plant.

25. ANNUAL PUBLICATION. *40 CFR 403.8(f)(2)(viii)*

The public notification requirement in 40 CFR 403.8(f) (2) (viii) requires the City to annually publish a list of Industrial Users who were in significant noncompliance at any time during the previous twelve (12) months. The list must be published in a newspaper having the largest circulation in the area. The Permittee is hereby advised that significant noncompliance with this permit may result in publication of its name in a newspaper.

26. DUTY TO HALT OR PREVENT DISCHARGE. *40 CFR 403.8(f)(1)(vi)(B)*

The Permittee shall immediately halt and/or prevent discharge of pollutants to the City upon informal notice by the City that the discharge presents an imminent risk to the health or welfare of persons, endangers the environment, or threatens to interfere with the operation of the City's wastewater treatment plant.

27. DILUTION.

The Permittee shall not dilute its effluent with potable water or any other water in an attempt to meet the effluent limits in this permit. Dilution will not be allowed as a substitute for proper treatment.

28. ENFORCEMENT PROCEDURE. *40 CFR 403.8(f)(l)(vi)(A) and City Code 96.43 – 96.55*

(a) Violations and Enforcement: Noncompliance with this permit shall constitute a violation of City Ordinance No. 96.17 and may result in assessment of penalties or fines in amounts of up to $1,000 per day per violation as provided in City Code Section 96.52 and 40 CFR 403.8(f)(l)(vi)(A). Continued noncompliance may result in enforcement proceedings, administrative orders, compliance schedules, and/or renovation of this permit as provided in City Code Section *96.43 – 96.55*.

The attached chart (provided at the end of this permit) further outlines types of violations and specifies POTW actions (initial and escalated), timeframes, and the officials

responsible for completing the actions. This chart shall be considered a part of this Discharge Permit.

29. RECOVERY OF COSTS.

In addition to basic charges for normal sewer service, the Permittee shall be responsible for the following additional costs:

(a) Costs for the City to provide or maintain flow meters or composite samplers on behalf of the Permittee.

(b) Costs for the City to perform routine sampling, monitoring, or analysis on behalf of the Permittee.

(c) Costs for the City to perform random sampling, analysis, and surveillance per 40 CFR 403.8(f) (2) (v).

(d) Costs of any loss, damage, or expense incurred by the City because of Permittee's discharge.

(e) Costs of any cleaning or repair work required because of Permittee's discharge.

(f) Assessment of penalties or fines for violations of this permit or City Ordinance.

(g) Costs incurred to publish permittee's name in a newspaper as required in 40 CFR 403.8(f)(2)(viii) if the Permittee was in significant noncompliance at any time during the previous 12 months.

30. CONTINUATION OF EXPIRED PERMITS.

An expired permit will continue to be effective and enforceable until a new permit is issued if the Permittee filed for renewal at least 180 days prior to the permit's expiration date and the delay in reissuing a new permit was not caused by any fault of the Permittee.

ANTICIPATED ENFORCEMENT ACTIONS/PROCEDURES

Unpermitted Discharge

Type of Violation	Industrial Pretreatment Program Action	Timeframe	Responsible Official	Expected Action from User	Escalated Action if Needed
Unpermitted Discharge (Unaware of Requirement)	Notice of Non-Compliance	Within 30 Days of Discovery of Discharge	Pretreatment Coordinator	File Permit Application	Notice of Violation; Suspend Service Until Permit Is Issued
Unpermitted Discharge (Aware of Requirement)	Notice of Violation with Penalty Assessed	Within 30 Days of Discovery of Discharge	Director	File Permit Application	Suspend Service Until Permit Is Issued
Unpermitted Discharge (Resulting in Violation at WPCF)	Order to Cease Process Causing Violation; Notice of Violation with penalty per day per violation per established tiered penalty structure	Order to Cease Immediately; Notice of Violation within 15 days	Director	File Permit Application; Report Steps Taken to Prevent Violation	Suspend Service Until Permit Issued
Unpermitted Discharge (Resulting in Endangerment)	Suspend Service; Notice of Violation with penalty per day per violation per established tiered penalty structure	Suspend Service Immediately; Notice of Violation within 15 days	Director	File Permit Application; Report Steps Taken to Prevent Future Endangerment	Not Applicable

Permit Limit Violations

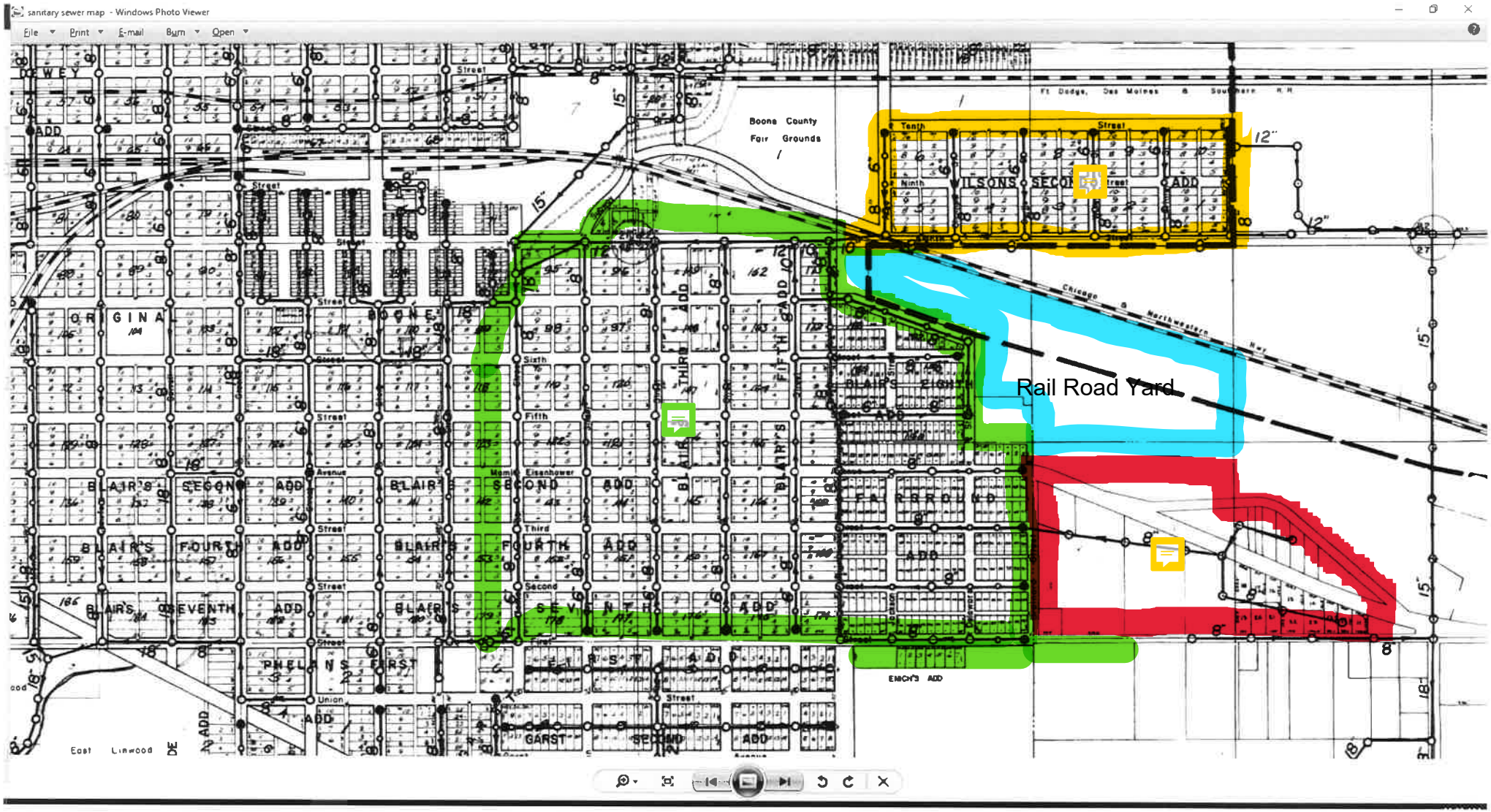
Type of Violation	Industrial Pretreatment Program Action	Timeframe	Responsible Official	Expected Action from User	Escalated Action if Needed
Permit Limits Violation Single Event (Minor)	Notice of Non-Compliance or Notice of Violation	Within 30 days of receiving data	Pretreatment Coordinator or Director	Conduct Additional Monitoring and Return to Compliance	Notice of Violation with Penalty
Permit Limits Violation	Notice of Violation with penalty per day per violation per established tiered penalty structure	Within 30 days of Receiving Data	Director	Conduct Additional Monitoring and Return to Compliance	Second Notice of Violation with Increased Penalty
Permit Limits Violation Significant Non-Compliance	Notice of Violation with penalty per day per violation per established tiered penalty structure	Within 30 days of Receiving Data	Director	Report cause of Non-Compliance and Steps Taken to Prevent Violation	Enforceable Schedule; Suspend Service if Inadequate Action is Taken
Permit Limits Violation (Resulting in Violation at WPCF)	Order to Cease Process Causing Violation Notice of Violation with penalty per day per violation per established tiered penalty structure	Order to Cease Immediately Notice of Violation Within 15 days of Discovering Violation	Director	Report cause of Non-Compliance and Steps Taken to Prevent Violation	Suspend Service Until Resolved; Enforceable Schedule

Other Violations

Type of Violation	Industrial Pretreatment Program Action	Timeframe	Responsible Official	Expected Action from User	Escalated Action if Needed
Permit Limits Violation results in Endangerment	Suspend Service Notice of Violation penalty per day per violation per established tiered penalty structure	Suspend Service Immediately Notice of Violation within 15 days of Discovering Violation	Director	File for Reissuance of Permit	Not Applicable
Self-Monitoring Violations	Notice of Non-Compliance or Notice of Violation	Within 30 Days of Discovery	Pretreatment Coordinator or Director	Conduct Missed Sampling	Second Notice of Violation with minimum Penalty equal to Cost of Missed Testing
Reporting Violations Late Report	Notice of Non-Compliance	Within 30 days of the Report Due Date	Pretreatment Coordinator	Submit Report	Notice of Violation Penalty Assessed Possible SNC if over 30 days
Reporting Violations Incomplete or Inaccurate Reports	Notice of Non-Compliance	Within 30 days of Report Submission	Pretreatment Coordinator	Submit Revised Report	Notice of Violation Penalty Assessed
Reporting Violations Intentional Falsification	Referred to District Attorney	As soon as suspected	Director	Not Applicable	Not Applicable

Other Violations (Continued)

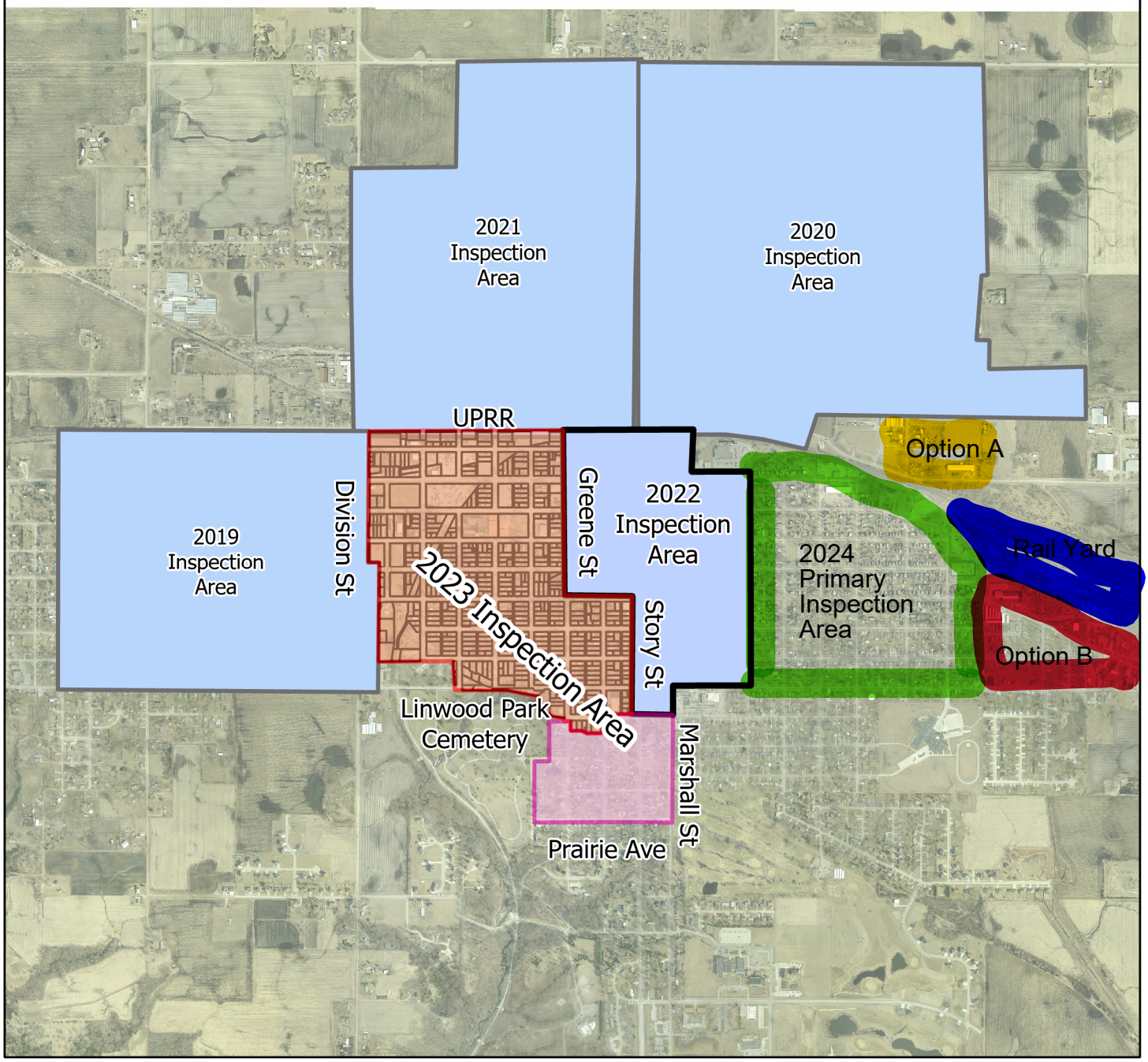
Type of Violation	Industrial Pretreatment Program Action	Timeframe	Responsible Official	Expected Action from User	Escalated Action if Needed
Violation of Permit Conditions	Notice of Violation with penalty per day per violation per established tiered penalty structure	Within 30 Days of Discovery	Director	Varies	Second Notice of Violation with Increased Penalty
Violation of Permit Conditions (Resulting in Violation at WPCF or Endangerment of WPCF Personnel)	Suspend Service Notice of Violation with penalty per day per violation per established tiered penalty structure	Suspend Service Immediately Notice of Violation Within 715 days	Director	Steps taken to Avoid Reoccurrence	Not Applicable



Green is the Primary Scope Area
Yellow is Option A Area
Red is Option B Area

Wednesday, Feb 07, 2024 11:33 AM

City of Boone
2023 Sump Inspection Program



Area Description: South of UPRR to Linwood Park Cemetery from Division St to Greene St. & Story St.
Extra Area: Union St to Prairie Ave from Linwood Park Cemetery to Marshall Ave.

JANUARY 2024

City of Boone, Iowa

Water & Wastewater Treatment Facilities, Storage, and Lift Stations

Monthly Operations & Maintenance Report

Prepared by:

USW UTILITY GROUP

1406 Central Avenue
Fort Dodge, IA 50501
(888) 348-0110

Prepared For:

City of Boone

923 8th Street
Boone, IA 50036
(515) 432-4211

JANUARY 2024

City of Boone
William K. Skare, City Administrator
923 8th Street
Boone, IA 50036

RE: May Monthly Water & Wastewater Operations Report

Dear Mr. Skare:

In accordance with contract requirements, we are pleased to provide the following monthly report for January 2024. Below is a list of the significant events that occurred during the month:

SUBMITTED TO: William K. Skare, City Administrator
Utility Committee and City Council, City of Boone
Aaron Voss, U.S. Water Services Corporation

We appreciate the opportunity to be of service to the City of Boone. We are available to discuss this report, or any other aspect of our operations, at your convenience. Should you have any questions or need additional information, please do not hesitate to contact us.

Sincerely,

J.D. Roberts, Water Environment Plant Supervisor
USW Utility Group
(712) 259-0805
JRoberts@USWaterCorp.net

Dave Moore, Water Works Supervisor
USW Utility Group
(515) 230-3130
DMoore@USWaterCorp.net

WATER

Water Treatment Facility

Finished Water Monthly Flows and Hardness			
		January - 2023	January – 2024
Water	**Units**		
Average Daily Pumped	gallons	1,600,000	1,572,000
Maximum Daily Pumped	gallons	1,767,000	2,152,000
Minimum Daily Pumped	gallons	1,383,000	1,119,000
Hardness			
Hardness - Avg Raw	grains	18.9	21.2
Hardness - Avg Finish	grains	9.7	10.8
Iron mg/l			
Avg Raw	mg/L	.01	.01
Avg Finish	mg/L	.01	.01
Fluoride mg/l			
Avg Raw Fl.	mg/L	.66	.54
Avg Finish Fl.	mg/L	.79	.78

Water Storage

During the month of January all three water towers were in operation as well as the 2-million-gallon reservoir and 100,000-gallon contact basin for a total of 3,700,000 gallons of storage.

Maintenance Report

During the month of January, the following maintenance activities were performed:

- Well #25 was repaired
- Staff rotated the lime slakers
- Cleaned and serviced both slakers #1 and #2
- Changed the oil in all 3 high service pumps
- Cleaned and verified all three CL17 chlorine analyzers

- Cleaned, calibrated and verified five turbidity meters
- Rebuilt slaker #2 paddle shaft electric motor
- Rebuilt slaker #1 water jet solenoid
- Repaired slaker #1 gear reduction drive
- Repaired cone #1 blowdown valve
- Entered cone #2 for cleaning
- Cleaned and serviced liquid chlorine injector at pump station
- Replaced feed valve on liquid chlorine tank at pump station
- Plowed snow at main plant, pump station, well fields, road to water main shut off valves and road to pump station
- Repaired pressure valve on carbon dioxide storage tank
- Installed a new doorbell horn speaker
- Repaired snow blade on tractor

Current & Planned Projects

During the month of February, we plan to replace the drain plumbing for the slaker room, clean claricone #2, clean and calibrate both slakers, auger out the lime slurry troughs, change dehumidifier filters and perform any other repairs that might be needed.

Health & Safety

There were no safety violations to report for the current month.

- The subjects of the monthly safety training were:
- Workplace Violence
- Job Hazard Analysis
- Understanding Safety Data Sheets
- Temperature Extremes Can Be Deadly
- ABC's Of Work Safety and Hearing Conservation

Regulatory Reports

See attached documents.

WASTEWATER

Wastewater Treatment Facility

Wastewater Treatment Facility Flows			
	Plant Influent	**Plant Effluent**	**Units**
Total	38.7	•	MGD
Average per day	1.24	•	MGD
Minimum	1.042	•	MGD
Maximum	1.807	•	MGD

	Wastewater Influent & Effluent Quality							
	Influent		**Effluent**					
Parameter	**Daily Ave MG/L**	**Daily Ave LBS/Day**	**Daily Max MG/L**	**Permit Daily MG/L Limit**	**7 Day Max Ave MG/L**	**Permit 7 Day Max Limit**	**30 Day Average**	**Permit 30 Day Ave**
BOD_5	**251**	**2679**	•	•	•	•	•	•
$CBOD_5$	•	•	**3**	•	**3**	**40**	**3**	**25**
Suspended solids	**187**	**1585**	**7.0**	•	**5.5**	**45**	**4.1**	**30**
Nitrogen Ammonia	**26.7**	**268**	**.1**	**16**	**.1**	•	**.1 MG/L**	**2.5 MG/L**
Nitrate Nitrogen	•	•	**122 LBS/Day**	**1075 LBS/Day**	•	•	•	**657 LBS/Day**
Dissolved Oxygen	•	•	**10.4**	**>5.0**	**10.16**	•	**9.82**	**>5.0**
pH	**7.60**	•	**7.8**	**6.5 to 9 STD Units**		•	**7.73**	**6.5 to 9 STD Units**

ND= No Detection

- **= No limit set**

Solids Inventory

During the month of January we pressed for 9 days (337,000 gallons) and hauled 131.25 tons of treated biosolids to the landfill.

Lift Stations

- Lift Station on Airport Road has problems with Pump 1 not pumping for a while. It is unable to keep a prime when the pump is off.
- 12-13-23: Automatic Systems looked at 220th Lift Station to see why the pumps were failing when it went from normal power to generator power and vice versa. They are currently still working on this issue.

Maintenance Report

- 1-18-24: Trojan Tech was here, and they adjusted the torque setting on the gate.
- Sixty-two (62) Preventive Maintenance Work Orders Completed.

Current & Planned Projects

- RAS pumps replacement - (Scheduled for March 2024)
- Sand Blasting on North Clarifier: Project will resume in summer 2024.
- Roof Replacements- (currently in Engineering)
- In-plant Lift Station- (currently in Engineering)
- Preliminary Screen Install- (currently in Engineering)

Health & Safety

There were no safety violations to report for the current month.

Regulatory Reports

See attached documents.

SURFACE WATER/INFLUENCED GROUNDWATER MONTHLY OPERATION REPORT

IOWA DNR WATER SUPPLY SECTION

Basic Information

S/EP #: 1

SYSTEM NAME: Boone Water Works **PWSID #:** 0819033 **MONTH:** January **YEAR:** 2024

DAY	Pumpage		Operating Hours	Fluoride		Chlorine Residual								CT	Cl_2 Used
						Source/Entry Point (S/EP)				Distribution					
	Raw in 1000s Gallons Per Day	To System in 1000s Gallons Per Day	Number of Hours of Treatment Plant Operation Per Day	Quantity Used in lbs.	Finished Water (mg/L)	Number of Tests Taken*	Specify Free (F) or Total (T)	Lowest Measured Residual (mg/L)	Continuous Hours Less Than 0.3 mg/L Free or 15 mg/L Total	Number of Tests Taken	Lowest Measured Residual Free (mg/L)	Number With Undetected Residual	Highest Measured Residual Free (mg/L)	Ratio of CT Obtained to CT Required	Chlorine in lbs.
1	1,684	1,413	17.00	20	0.82	"C"	(F)	0.96	0	1	0.76	0	0.76	8.6	33
2	1,705	1,427	17.25	22	0.72	"C"	(F)	0.86	0	6	0.77	0	1.50	7.7	34
3	1,722	1,452	17.25	24	0.81	"C"	(F)	0.80	0	1	0.81	0	0.81	6.9	38
4	1,635	1,370	16.50	22	0.81	"C"	(F)	0.89	0	1	0.81	0	0.81	8.3	34
5	1,864	1,605	19.00	24	0.81	"C"	(F)	0.97	0	1	0.84	0	0.84	7.9	39
6	1,717	1,463	17.50	22	0.76	"C"	(F)	1.04	0	1	0.83	0	0.83	8.9	34
7	1,722	1,485	17.50	18	0.77	"C"	(F)	0.98	0	1	0.84	0	0.84	8.5	36
8	2,011	1,734	20.50	26	0.81	"C"	(F)	1.06	0	6	0.85	0	1.48	7.8	44
9	1,393	1,119	13.25	16	0.61	"C"	(F)	1.14	0	1	0.90	0	0.90	11.9	26
10	2,005	1,696	20.50	26	0.70	"C"	(F)	1.05	0	1	0.81	0	0.81	7.3	40
11	1,453	1,304	15.00	18	0.80	"C"	(F)	1.04	0	1	0.93	0	0.93	10.2	28
12	1,797	1,482	18.25	22	0.73	"C"	(F)	1.00	0	1	0.83	0	0.83	8.0	33
13	1,975	1,714	20.25	26	0.72	"C"	(F)	0.99	0	1	0.96	0	0.96	7.2	38
14	1,720	1,598	17.75	22	0.73	"C"	(F)	1.00	0	1	0.98	0	0.98	8.5	35
15	1,742	1,491	17.75	24	0.81	"C"	(F)	1.00	0	1	0.98	0	0.98	8.4	32
16	1,894	1,638	19.50	26	0.80	"C"	(F)	0.93	0	6	0.95	0	1.32	7.3	34
17	1,883	1,618	19.25	25	0.83	"C"	(F)	0.95	0	1	1.06	0	1.06	7.5	31
18	1,848	1,592	18.50	24	0.77	"C"	(F)	0.89	0	1	1.05	0	1.05	7.4	34
19	1,884	1,625	19.00	24	0.79	"C"	(F)	0.77	0	1	1.05	0	1.05	6.2	37
20	1,976	1,663	20.15	26	0.75	"C"	(F)	0.90	0	1	1.05	0	1.05	7.0	38
21	1,996	1,671	20.50	28	0.70	"C"	(F)	1.04	0	1	1.03	0	1.03	7.8	36
22	1,650	1,358	17.00	20	0.82	"C"	(F)	1.03	0	1	1.03	0	1.03	9.2	29
23	1,747	1,498	23.00	32	0.73	"C"	(F)	1.00	0	1	1.04	0	1.04	8.3	40
24	2,414	2,152	20.00	25	0.80	"C"	(F)	0.99	0	1	1.05	0	1.05	5.8	35
25	1,929	1,587	20.00	30	0.83	"C"	(F)	0.93	0	1	1.07	0	1.07	6.8	36
26	1,756	1,446	18.25	33	0.81	"C"	(F)	0.96	0	1	1.07	0	1.07	7.7	32
27	1,994	1,618	20.75	30	0.82	"C"	(F)	0.96	0	1	1.06	0	1.06	6.8	37
28	2,198	1,818	22.75	30	0.82	"C"	(F)	0.99	0	1	1.09	0	1.09	6.1	39
29	2,058	1,719	21.25	30	0.84	"C"	(F)	1.04	0	1	1.09	0	1.09	6.8	39
30	2,054	1,743	21.50	25	0.82	"C"	(F)	1.07	0	1	1.11	0	1.11	7.0	41
31	1,943	1,635	20.25	26	0.87	"C"	(F)	1.06	0	1	1.10	0	1.10	7.3	34
Total	57,369	48,734	586.90	766						46		0			1,096
Avg	1,851	1,572	19.06	25	0.78										35
Max	2,414	2,152	23.00	33	0.87				0				1.50		44
Min	1,393	1,119	13.25	16	0.61			0.77			0.76			5.8	26

*If continuous monitoring of chlorine is provided, enter "C" in the space provided.

I certify that I am familiar with the information contained in this report and that the information is true, complete, and accurate.

DRC Operator's or Designee's Signature: David Moore

Certificate #: 4108 Grade: IV Date: 2/5/2024

SURFACE WATER/INFLUENCED GROUNDWATER MONTHLY OPERATION REPORT

IOWA DNR WATER SUPPLY SECTION

Turbidity Data Page 1 of 1

S/EP: #1

SYSTEM NAME: Boone Water Works **PWSID #:** 0819033 **MONTH:** January **YEAR:** 2024

DAY	Finished Water			Filter Effluent																Raw Water Turbidity (Highest Daily Reading NTU)
				#1				#2				#3				#4				
	Number of Readings Taken **	Number of Readings >0.3 NTU	Highest Daily Reading (NTU)	Highest Consecutive Results >0.5 NTU Anytime After 4 Hours From Start Up or Backwash		Daily Highest (NTU)	# of Consec Results >10 NTU	Highest Consecutive Results >0.5 NTU Anytime After 4 Hours From Start Up or Backwash		Daily Highest (NTU)	# of Consec Results >10 NTU	Highest Consecutive Results >0.5 NTU Anytime After 4 Hours From Start Up or Backwash		Daily Highest (NTU)	# of Consec Results >10 NTU	Highest Consecutive Results >0.5 NTU Anytime After 4 Hours From Start Up or Backwash		Daily Highest (NTU)	# of Consec Results >10 NTU	
1	15	0	.03	.02	.02	.04	0	.02	.02	.07	0	.02	.02	.04	0	.02	.02	.03	0	0.07
2	17	0	.03	.04	.04	.04	0	.02	.02	.06	0	.02	.02	.05	0	.02	.02	.03	0	0.08
3	18	0	.02	.03	.02	.05	0	.02	.02	.09	0	.02	.02	.06	0	.02	.02	.05	0	0.08
4	18	0	.02	.02	.02	.02	0	.02	.02	.05	0	.02	.02	.04	0	.02	.02	.02	0	0.08
5	17	0	.03	.02	.02	.04	0	.02	.02	.13	0	.02	.02	.03	0	.02	.02	.17	0	0.07
6	19	0	.02	.04	.04	.06	0	.02	.02	.17	0	.02	.02	.05	0	.02	.02	.05	0	0.08
7	19	0	.07	.05	.04	.05	0	.02	.02	.23	0	.02	.02	.05	0	.02	.02	.10	0	0.08
8	18	0	.02	.02	.02	.03	0	.02	.02	.04	0	.02	.02	.03	0	.02	.02	.04	0	0.08
9	20	0	.02	.02	.02	.03	0	.02	.02	.05	0	.02	.02	.02	0	.02	.02	.03	0	0.07
10	15	0	.02	.04	.05	.05	0	.02	.02	.06	0	.02	.02	.02	0	.01	.01	.02	0	0.07
11	20	0	.02	.06	.05	.06	0	.02	.02	.03	0	.02	.02	.02	0	.02	.02	.02	0	0.08
12	15	0	.02	.02	.02	.03	0	.02	.02	.03	0	.02	.02	.03	0	.02	.02	.03	0	0.08
13	16	0	.02	.02	.02	.04	0	.02	.02	.10	0	.02	.02	.04	0	.02	.02	.02	0	0.06
14	22	0	.02	.02	.02	.02	0	.02	.02	.05	0	.02	.02	.03	0	.02	.02	.07	0	0.06
15	17	0	.03	.03	.04	.04	0	.02	.02	.04	0	.02	.02	.03	0	.02	.02	.04	0	0.08
16	17	0	.02	.03	.03	.04	0	.02	.02	.03	0	.02	.02	.02	0	.02	.02	.02	0	0.08
17	20	0	.02	.02	.02	.02	0	.02	.02	.02	0	.02	.02	.02	0	.02	.02	.02	0	0.07
18	20	0	.03	.02	.02	.02	0	.02	.02	.08	0	.02	.02	.03	0	.03	.03	.05	0	0.07
19	19	0	.02	.04	.05	.05	0	.02	.02	.09	0	.02	.02	.03	0	.02	.02	.08	0	0.07
20	20	0	.03	.05	.04	.05	0	.03	.02	.04	0	.02	.02	.03	0	.02	.02	.03	0	0.07
21	21	0	.02	.02	.02	.02	0	.02	.02	.03	0	.02	.02	.03	0	.02	.02	.15	0	0.07
22	21	0	.02	.02	.02	.02	0	.02	.02	.03	0	.02	.02	.03	0	.03	.03	.03	0	0.07
23	17	0	.02	.04	.05	.05	0	.02	.02	.04	0	.02	.02	.02	0	.02	.02	.02	0	0.08
24	24	0	.02	.05	.06	.06	0	.02	.02	.02	0	.02	.02	.02	0	.02	.02	.02	0	0.08
25	19	0	.03	.06	.05	.10	0	.03	.02	.28	0	.02	.02	.03	0	.02	.02	.08	0	0.09
26	21	0	.02	.02	.02	.02	0	.02	.02	.03	0	.03	.03	.03	0	.02	.02	.02	0	0.08
27	19	0	.02	.02	.02	.03	0	.02	.02	.07	0	.02	.02	.05	0	.04	.03	.11	0	0.09
28	21	0	.02	.05	.04	.05	0	.02	.02	.09	0	.02	.02	.04	0	.02	.02	.10	0	0.09
29	23	0	.03	.05	.04	.05	0	.03	.03	.05	0	.02	.02	.03	0	.02	.02	.03	0	0.07
30	22	0	.02	.02	.02	.02	0	.02	.02	.02	0	.03	.03	.03	0	.02	.02	.03	0	0.07
31	22	0	.02	.02	.02	.02	0	.02	.02	.04	0	.02	.02	.04	0	.03	.03	.04	0	0.07
Total	592	0					0				0				0				0	
Avg																				0.08
Max			.07			.10				.28				.06				.17		0.09
Min																				0.06

**If continuous monitoring of turbidity is provided, measurements must be recorded at equal time intervals at least once every four hours or hourly for plants w/pop. >100,000.

I certify that I am familiar with the information contained in this report and that the information is true, complete, and accurate.

DRC Operator's or Designee's Signature: David Moore

Certificate #: 4108 Grade: IV Date: 2/5/2024

SURFACE WATER/INFLUENCED GROUNDWATER MONTHLY OPERATION REPORT

IOWA DNR WATER SUPPLY

Basic Information

S/EP: #1

System Name: **PWSID #:** 819033 **Month:** January **Year:** 2024

Day	Operating Hours	Pumpage		Fluoride		Raw Turbidity	Settled Turbidity (individual sedimentation basin)							
	Number of hours the plant operated per day.	Raw in 1000s Gallons Per Day	To System in 1000s Gallons Per Day	Quantity Used in lbs. or gal. (circle one)	Finished Water (mg/L)	Highest Daily Reading (NTU)	Highest Daily Reading Sed 1 (NTU)	Highest Daily Reading Sed 2 (NTU)	Highest Daily Reading Sed 3 (NTU)	Highest Daily Reading Sed 4 (NTU)	of Liquid Chlorine Used 15%			
1	17.00	1684.00	1413.00	20.00	0.82	0.07	0.67				9			
2	17.25	1705.00	1427.00	22.00	0.72	0.08	0.6				9.5			
3	17.25	1722.00	1452.00	24.00	0.81	0.08	1.37				10.6			
4	16.50	1635.00	1370.00	22.00	0.81	0.08	1.85				9.8			
5	19.00	1864.00	1605.00	24.00	0.81	0.07	3.9				11			
6	17.50	1717.00	1463.00	22.00	0.76	0.08	0.97				10			
7	17.50	1722.00	1485.00	18.00	0.77	0.08	0.9				9.9			
8	20.50	2011.00	1734.00	26.00	0.81	0.08	1.28				11.5			
9	13.25	1393.00	1119.00	16.00	0.61	0.07		0.87			7			
10	20.50	2005.00	1696.00	26.00	0.70	0.07		0.35			11			
11	15.00	1453.00	1304.00	18.00	0.80	0.08		1.29			9.9			
12	18.25	1797.00	1482.00	22.00	0.73	0.08		0.64			10			
13	20.25	1975.00	1714.00	26.00	0.72	0.06		0.98			11			
14	17.75	1720.00	1598.00	22.00	0.73	0.06		0.82			11			
15	17.75	1742.00	1491.00	24.00	0.81	0.08		1.35			10			
16	19.50	1894.00	1638.00	26.00	0.80	0.08		0.98			11			
17	19.25	1883.00	1618.00	25.00	0.83	0.07		1.81			9			
18	18.50	1848.00	1592.00	24.00	0.77	0.07		0.95			11			
19	19.00	1884.00	1625.00	24.00	0.79	0.07		0.83			11.8			
20	20.15	1976.00	1663.00	26.00	0.75	0.07		2.00			12.2			
21	20.50	1996.00	1671.00	28.00	0.70	0.07		1.26			12			
22	17.00	1650.00	1358.00	20.00	0.82	0.07		2.45			8.8			
23	23.00	1747.00	1498.00	32.00	0.73	0.08		0.96			14.4			
24	20.00	2414.00	2152.00	25.00	0.80	0.08		0.98			11.8			
25	20.00	1929.00	1587.00	30.00	0.83	0.09		0.66			11.2			
26	18.25	1756.00	1446.00	33.00	0.81	0.08		0.71			11			
27	20.75	1994.00	1618.00	30.00	0.82	0.09		0.77			10.9			
28	22.75	2198.00	1818.00	30.00	0.82	0.09		0.41			12.8			
29	21.25	2058.00	1719.00	30.00	0.84	0.07		0.98			12			
30	21.50	2054.00	1743.00	25.00	0.82	0.07		0.70			12			
31	20.25	1943.00	1635.00	26.00	0.87	0.07		0.52			11.8			
Total	587	57,369	48,734	766							0	0	0	0
Avg	18.93	1,851	1,572	24.71	0.78	0.08	1.44	1.01	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	23.00	2,414	2,152	33.00	0.87	0.09	3.90	2.5	0.0	0.00	0.00	0.00	0.00	0.00
Min	13.25	1,393	1,119	16.00	0.61	0.06	0.60	0.35	0.00	0.00	0.00	0.00	0.00	0.00

I certify that I am familiar with the information contained in this report and that the information is true, complete, and accurate.

DRC Operator or Designee's Signature: David Moore

Certificate #: 4108 Grade: IV Date: 2/5/2024

IOWA DEPARTMENT OF NATURAL RESOURCES
NPDS REPORTING SYSTEM - DISCHARGE MONITORING REPORT
FACILITY INFORMATION

This form is valid 2/1/2023 to 7/31/2024

Facility Name: BOONE CITY OF STP

Permit #: 0819001

Month/Year: 1 2024

Outfall #(s): 001 - DISCHARGE FROM AN ACTIVATED SLUDGE WASTEWATER TREATMENT FACILITY.

Operator Name: John Roberts

Certification #: 10924

Phone #: 7122590805

Lab Cert. #: 156

Comments:

*Include Comments longer than 1000 characters in email

Signature:

John Roberts

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 possibilityof fine and imprisonment for known violations.

Permit # 0819001
Facility Name: BOONE CITY OF STP

Monthly Operation Report
IOWA DEPARTMENT OF NATURAL RESOURCES
NPDS - Operation Permit System
INFLUENT Data

Outfall #: 001
Month/Year: 1-2024

Mon. Point	RAW WASTE													
Parameter	FLOW	BOD5		TSS		TOT-N		TKN		PHOS		TEMP	PH	
Units	MGD	MG/L	LBS/DAY	MG/L	LBS/DAY	MG/L	LBS/DAY	MG/L	LBS/DAY	MG/L	LBS/DAY	FAHRENHEIT	STD UNITS	
Frequency	7/WEEK OR DAILY	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	1 TIME PER WEEK	1 TIME PER WEEK	1 EVERY MONTH	1 EVERY MONTH	1 TIME PER WEEK	1 TIME PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	
Start Date														
End Date	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	
No Discharge														
LOQ														
Day: 1	1.051											60	7.7	
2	1.127											58	7.4	
3	1.143	275	2621.4705	175	1668.2085	39.1	372.725442	39	371.77218	7.4	70.541388	58	7.5	
4	1.16			168	1625.2992							56	7.6	
5	1.146	195	1863.7398									58	7.5	
6	1.13													
7	1.204													
8	1.086			187	1693.70388							58	7.5	
9	1.042					39.35	341.962518	39	338.92092	6.3	54.748764	56	7.6	
10	1.106	199	1835.58396	138	1272.91752							56	7.4	
11	1.103	266	2446.93932									56	7.6	
12	1.08											57	7.7	
13	1.13													
14	1.1													
15	1.173											52	7.4	
16	1.169											54	7.7	
17	1.144	239	2280.28944	145	1383.4392	38.25	364.94172	38	362.55648	7.4	70.603104	54	7.5	
18	1.126			141	1324.10844							54	7.5	
19	1.19	215	2133.789									56	7.4	
20	1.188													
21	1.186													
22	1.093			182	1659.04284							56	7.5	
23	1.226											56	7.5	
24	1.234	403	4147.49868	165	1698.1074	38.1	392.108436	38	391.07928	7.6	78.215856	56	7.7	
25	1.687	324	4558.54392									56	7.7	
26	1.63											55	7.8	
27	1.439													
28	1.505													
29	1.666			128	1778.48832							58	7.6	
30	1.642											56	7.7	
31	1.807	148	2230.41624	116	1748.16408							56	7.6	
Total	38.713	2264	24118.27086	1545	15851.47938	154.8	1471.738116	154	1464.32886	28.7	274.109112	1292	174.1	
Monthly Avg.	1.248806452	251.5555556	2679.807873	154.5	1585.147938	38.7	367.934529	38.5	366.082215	7.175	68.527278	56.17391304	7.569565217	
Daily Max.	1.807	403	4558.54392	187	1778.48832	39.35	392.108436	39	391.07928	7.6	78.215856	60	7.8	
Daily Min.	1.042	148	1835.58396	116	1272.91752	38.1	341.962518	38	338.92092	6.3	54.748764	52	7.4	
Max. 7/Avg.	1.402	363.5	4353.0213	173.5	1678.57512	39.35	392.108436	39	391.07928	7.6	78.215856	58	7.64	

Permit # 0819001
Facility Name: BOONE CITY OF STP

Monthly Operation Report
IOWA DEPARTMENT OF NATURAL RESOURCES
NPDS - Operation Permit System
EFFLUENT Data

Outfall #: 001
Month/Year: 1-2024

Mon. Point	EFFLUENT PRIOR TO DISINFECTION													EFFLUENT AFTER DISINFECTION			
Parameter	CBOD5		TSS		NH3-N		NO3-N	TOT-N		PHOS		TOX CER	TOX PIM	TEMP	DO	PH	E. COLI
Units	MG/L	LBS/DAY	MG/L	LBS/DAY	MG/L	LBS/DAY	LBS/DAY	MG/L	LBS/DAY	MG/L	LBS/DAY	NO TOXICITY	NO TOXICITY	FAHRENHEIT	MG/L	STD UNITS	#/100 ML
Frequency	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	1 EVERY MONTH	1 TIME PER WEEK	1 TIME PER WEEK	1 TIME PER WEEK	1 TIME PER WEEK	1 EVERY 12 MONTHS	1 EVERY 12 MONTHS	2 TIMES PER WEEK	2 TIMES PER WEEK	5 TIMES PER WEEK	GEO. MEAN 1/3 MONTHS
Start Date																	8/1/2023
End Date	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	Permit Duration	7/31/2024
No Discharge												06 - NOT REQ / MP	06 - NOT REQ / MP				06 - NOT REQ / MP
LOQ																	
Day: 1														55	10.3	7.9	
2														52	9.9	7.7	
3	3	28.59786	3	28.59786	0.1	0.953262		17.2	163.961064	4.1	39.083742			52	9.8	7.6	
4			2	19.3488	0.1	0.96744								52	9.9	7.8	
5	3	28.67292			0.1	0.955764								52	9.6	7.9	
6																	
7																	
8			7	63.40068										52	9.5	7.7	
9					0.1	0.869028	122	15.2	132.092256	3	26.07084			50	9.6	7.8	
10	3	27.67212	4	36.89616	0.1	0.922404								50	9.6	7.8	
11	3	27.59706			0.1	0.919902								50	9.4	7.8	
12					0.1	0.90072								50	9.7	7.9	
13																	
14																	
15														44	10.4	7.8	
16														46	10.2	7.5	
17	3	28.62288	6	57.24576	0.1	0.954096		19.4	185.094624	3.4	32.439264			46	10	7.6	
18			2	18.78168	0.1	0.939084								48	10	7.6	
19	3	29.7738			0.1	0.99246								38	10.2	7.7	
20																	
21																	
22			4	36.46248										48	10.2	7.7	
23					0.1	1.022484								50	9.9	7.6	
24	3	30.87468	3	30.87468	0.1	1.029156		16.4	168.781584	3.9	40.137084			50	9.8	7.8	
25	3	42.20874			0.1	1.406958								52	9.6	7.9	
26					0.1	1.35942								53	9.4	8	
27																	
28																	
29			6	83.36664										54	9.6	7.7	
30					0.1	1.369428								52	9.7	7.6	
31	3	45.21114	4	60.28152										52	9.6	7.6	
Total	27	289.2312	41	435.25626	1.5	15.561606	122	68.2	649.929528	14.4	137.73093			1148	225.9	178	
Monthly Avg.	3	32.1368	4.1	43.525626	0.1	1.0374404	122	17.05	162.482382	3.6	34.4327325			49.91304348	9.82173913	7.739130435	
Daily Max.	3	45.21114	7	83.36664	0.1	1.406958	122	19.4	185.094624	4.1	40.137084			55	10.4	8	
Daily Min.	3	27.59706	2	18.78168	0.1	0.869028	122	15.2	132.092256	3	26.07084			38	9.4	7.5	
Max. 7/Avg.	3	36.54171	5.5	50.14842	0.1	1.2045045	122	19.4	185.094624	4.1	40.137084			52.6	10.16	7.8	

1406 Central Avenue
Fort Dodge, Iowa 50501
(888) 348-0110

UPGRADE PROGRAM		January 2024				
DATE	ADDRESS	ORIG INSTALL	Note	Low	Med	High
12/29/2023	1610 Kate Shelley H	03/02/99				
12/29/2023	1610 Kate Shelley L	07/12/00				
12/29/2023	216 10th	3/27/2003				
12/29/2023	1116 Benton	1/31/2000				
1/2/2024	1812 SE Linn H	9/17/2003				
1/2/2024	1812 SE Linn L	9/17/2003				
1/3/2024	1224 W 4th	1/30/2006				
1/3/2024	140 S Plum	6/19/2000				
1/3/2024	1522 SE Linn H	8/18/2004				
1/3/2024	1522 SE Linn L	8/18/2004				
1/4/2024	1203 College	New Service				
1/4/2024	326 W 5th H	4/10/2000				
1/4/2024	326 W 5th L	6/7/2000				
1/4/2024	1315 Parkside H	5/10/1999				
1/4/2024	1315 Parkside L	5/10/1999				
1/4/2024	410 Ringold H	8/20/2001				
1/4/2024	410 Ringold L	8/20/2001				
1/4/2024	1803 Benton	4/30/2002				
1/5/2024	318 Ashwood Ct H	5/21/2004				
1/5/2024	318 Ashwood Ct L	5/21/2004				
1/5/2024	1217 15th	4/15/2002				
1/5/2024	1816 Cedar H	3/6/2006				
1/5/2024	1816 Cedar L	3/6/2006				
1/5/2024	910 20th	10/17/2014				
1/5/2024	916 S Jackson H	6/12/2007				
1/5/2024	916 S Jackson L	6/12/2007				
1/8/2024	1312 16th House	5/26/1999				
1/8/2024	1312 16th Lawn	5/26/1999				
1/8/2024	1808 Cedar H	9/17/2003				
1/8/2024	1808 Cedar L	9/17/2003				
1/10/2024	626 Tama	7/20/2006				
1/10/2024	1627 Nebraska	12/8/2004				
1/10/2024	1627 1/2 Nebraska	12/8/2004				
1/11/2024	1729 Clinton H	5/16/2001				

1/11/2024	1729 Clinton L	5/16/2001				
1/11/2024	612 Westwood H	8/20/2007				
1/11/2024	612 Westwood L	8/20/2007				
1/15/2024	127 S Story	3/11/1999				
1/15/2024	735 10th	Frozen				
1/16/2024	1627 Harrison	7/27/2001				
1/16/2024	1815 14th	4/25/2006				
1/17/2024	1426 Lowell Cir H	7/29/2005				
1/17/2024	1426 Lowell Cir L	7/29/2005				
1/17/2024	1403 19th St H	Pre 1999				
1/17/2024	1403 19th St L	Pre 1999				
1/18/2024	104 S Story	4/23/1999				
1/18/2024	1021 W Mamie	12/5/2018				
1/19/2024	1406 Lowell Cir H	5/25/2004				
1/19/2024	1406 Lowell Cir L	5/25/2004				
1/19/2024	1712 13th H	12/26/2007				
1/19/2024	1712 13th L	12/26/2007				
1/22/2024	715 5th	Frozen				
1/22/2024	1404 S Marshall	3/12/1999				
1/22/2024	1326 S Story	5/17/1999				
1/22/2024	802 Story	2/24/2005				
1/22/2024	802 Story A	2/24/2005				
1/24/2024	1323 W 6th H	5/30/2000				
1/24/2024	1323 W 6th L	7/19/2005				
1/24/2024	415 Story	9/19/2005				
1/24/2024	1021 S Marshall	Pre 1999				
1/25/2024	1511 16th L	pre 1999				
1/25/2024	1511 16th H	pre 1999				
1/25/2024	920 Southridge Dr H	11/24/2004				
1/25/2024	920 Southridge Dr L	11/24/2004				
1/26/2024	121 Clinton	6/21/1999				
1/26/2024	1423 6th	9/12/2003				
1/26/2024	1421 6th	5/18/2005				
1/26/2024	224 Tama	2/4/1999				
1/26/2024	1003 Crawford	4/30/2014				
1/29/2024	1905 Union H	5/27/2014				
1/29/2024	1905 Union L	5/27/2014				

1/29/2024	1516 S Story	5/16/2000				
1/29/2024	1525 18th H	4/14/2004				
1/29/2024	1525 18th L	4/14/2004				
1/30/2024	128 Story H	12/22/1998				
1/30/2024	1422 Lowell Cir H	5/21/2004				
1/30/2024	1422 Lowell Cir L	5/21/2004				
1/31/2024	1502 5th	10/29/1998				
Locates						
1/1 to 2/1	28					

Curb Box Repair Update for 02/13/2024 – as of 1/30/2024

50+ accounts qualified to be on the list, we stopped adding to the list at 50. Only 3 were shut off due to the amount of snow in the parking and time it was taking to get to the stop boxes. To date, $493.37 has been collected from shut offs.

121 stop boxes need repaired, 53 of which have lead service lines & Waylon has ordered 6 to be repaired.

7 delinquent bills totaling $2115.58 certified on January 29th. If left unpaid, 13 delinquent bills totaling $3361.12 are scheduled to certify on February 26th.

Lesli Vote
Utility Billing Supervisor