MUNICIPAL WATER POLLUTION PREVENTION (MWPP)

ANNUAL REPORT

SUBMITTED BY:

TREATMENT FACILITY: Northside WPCF NPDES #: AL0050245

MUNICIPALITY: City of Auburn COUNTY: Lee

CONTACT PERSON: Ron Anders, Jr.
Responsible Official

Mayor
Title

Telephone #: 334-501-7260 Fax #:

Email Address: randers@auburnalabama.org

CHIEF OPERATOR: David Jones
Name

Telephone #: 334-826-7340 Fax #:

Email Address: david.jones@veolia.com

Date: 4/13/23

REVIEWED BY: Dana Raughton, JACOBS
Consulting Engineer

Telephone #: 334-321-1862 Fax #:

Date: 4/13/23

MWPP Annual Report
Information Source List

The following information will be needed to complete the compliance maintenance report that covers the calendar year of 2022 (due **May 31,** 2023).

Part 1
A. The average plant influent flow for each month (million gallons per day/MGD) during the year.
B. The average plant influent BOD (CBOD) for each month (mg/l and lb/day) in the year.
C. The plant's average design flow (MGD) and design BOD (CBOD) loading (lbs/day).

Part 2
A. The monthly average permit and DMR effluent concentration for BOD (CBOD), TSS, NH3-N, and/or TKN in mg/l for the year
B. The monthly average effluent limits and DMR loading for BOD (CBOD), TSS, NH3-N, and/or TKN in lbs/day for the year

Part 3 The age of the treatment plant defined as the number of years since the last major reconstruction to increase the organic or hydraulic capacity of the plant. The last calendar year minus the year the new construction was brought on-line.

Part 4 Bypass and overflow information. This is the number of bypass or overflow events of untreated wastewater due to heavy rain or equipment failure whether intentional or inadvertent from all collection systems tributary to the treatment facility.

Part 5
A. Describe the characteristics and quantity of sludge generated.
B. If sludge is landspread, how many months of sludge storage does the plant have? This should include on-site and off-site storage from the treatment plant. The digestor capacity may be used in the calculation.

Part 6
A. Sludge Disposal Method
B. The number of approved land disposal sites for sludge available, and how many months or years these disposal sites will these be available for use.

Part 7 The number of sewer extensions installed in the community last year, the design population, design flow, and design BOD (CBOD) for each sewer extension.

Part 8 Operator Certification

Part 9 Financial Status

Part 10 Subjective Evaluation

Part 11 Summary Sheet

Instructions to the Operator-in-Charge

1. Complete all sections of the MWPP Report to the best of your ability.

2. Parts 1 through 8 contain questions for which points will be generated. These points are intended to communicate to the Department and the governing body or owner the actions necessary to prevent effluent violations. Enter the point totals from Parts 1 through 8 on Part 11: Summary Sheet.

3. Add the point totals on Part 11: Summary Sheet.

4. Submit the MWPP Report to the governing body and the consulting engineer and owner for review and approval.

5. The governing body should pass a resolution which contains the following points:

   a. The resolution should acknowledge the governing body or owner has reviewed the MWPP Report.

   b. The resolution should indicate what actions will be taken to prevent effluent violations.

   c. The resolution should provide any other information the governing body or owner deems appropriate.

6. **The MWPP Report and the resolution must be submitted by May 31st to Municipal Section, Water Division, ADEM, P.O. Box 301463, Montgomery, AL 36130-1463.**

Facility Name: Northside Water Pollution Control Facility

Part 1: Influent Loading/Flows

A. List the average monthly volumetric flows and BOD_5 ($CBOD_5$) loadings received at your facility during the last calendar year.

Month	Column 1 Average Monthly Flowrate (MGD)	Column 2 Average Monthly BOD_5 ($CBOD_5$) Concentration (mg/l)	Column 3 Average Loading BOD_5 ($CBOD_5$) (lbs/day**)
January	No Discharge	No Discharge	No Discharge
February	No Discharge	No Discharge	No Discharge
March	No Discharge	No Discharge	No Discharge
April	No Discharge	No Discharge	No Discharge
May	No Discharge	No Discharge	No Discharge
June	No Discharge	No Discharge	No Discharge
July	No Discharge	No Discharge	No Discharge
August	No Discharge	No Discharge	No Discharge
September	No Discharge	No Discharge	No Discharge
October	No Discharge	No Discharge	No Discharge
November	No Discharge	No Discharge	No Discharge
December	No Discharge	No Discharge	No Discharge
Annual Avg.	No Discharge	No Discharge	No Discharge

** As reported on NPDES Discharge Monitoring Reports (DMRs) and as required by EPA's NPDES Self-Monitoring System, User Guide, March 1985.

B. List the average design flow and average design BOD_5 ($CBOD_5$) loading for the facility below. If you are not aware of these design quantities, contact your consulting engineer.

	Average Design Flow	Average Design BOD_5 ($CBOD_5$) Loading (lbs/day)
Design Criteria	2.2 mgd (MMADF)	3398
90% of the Design Criteria	1.98 mgd	3058

C. How many times did the monthly flow (Column 1) to the WWTP exceed 90% of design flow?

0 (Check the appropriate point total)

■ 0 - 4 = 0 points ☐ 5 or more = 5 points

D. How many times did the monthly flow (Column 1) to the WWTP exceed the design flow?

0 (Check the appropriate point total)

■ 0 = 0 points ☐ 1 – 2 = 5 points ☐ 3 – 4 =10 points ☐ 5 or more =15 points

E. How many times did the monthly BOD_5 ($CBOD_5$)* loading (lbs/day) (Column 3) to the WWTP exceed 90% of the design loading?

0 (Check the appropriate point total)

■ 0 -1 = 0 points ☐ 2 – 4 =5 points ☐ 5 or more =10 points

F. How many times did the monthly BOD_5 ($CBOD_5$)* loading (lbs/day) (Column 3) to the WWTP exceed the design loading?

0 (Check the appropriate point total)

■ 0 = 0 points ☐ 1 = 10 points ☐ 2 =20 points ☐ 3 =30 points ☐ 4 =40 points ☐ 5 or more =50 points

G. Enter each point value marked for C through F and enter the sum in the appropriate blank below.

C points = 0

D points = 0

E points = 0

F points = 0

TOTAL POINTS VALUE FOR PART 1 0

Enter this value on Part 11: Summary Sheet.

*To obtain equivalent BOD_5 loading for comparison with design loading for those permittees using influent $CBOD_5$, divide annual average $CBOD_5$, loading in lbs/day from Part 1, A by 0.7.

Facility Name: Northside Water Pollution Control Facility

Part 2: Effluent Quality/Plant Performance

A. List the monthly average permit limits for the facility in the blanks below and the average monthly effluent DMR BOD_5, ($CBOD_5$) TSS, NH_3-N and/or TKN concentration produced by the facility during the last calendar year.

(1) NPDES Permit Concentration

	Months	BOD_5 ($CBOD_5$) (mg/l)	TSS (mg/l)	NH_3-N (mg/l)	TKN (mg/l)
Permit Limit	Dec - Apr	7	30	1.8	3.6
	May - Nov	5	30	1.0	2.0

(2) DMR Concentration

Qtr	Month	BOD_5 ($CBOD_5$) (mg/l)	TSS (mg/l)	NH_3-N (mg/l)	TKN (mg/l)
1	January	No Discharge	No Discharge	No Discharge	No Discharge
	February	No Discharge	No Discharge	No Discharge	No Discharge
	March	No Discharge	No Discharge	No Discharge	No Discharge
2	April	No Discharge	No Discharge	No Discharge	No Discharge
	May	No Discharge	No Discharge	No Discharge	No Discharge
	June	No Discharge	No Discharge	No Discharge	No Discharge
3	July	No Discharge	No Discharge	No Discharge	No Discharge
	August	No Discharge	No Discharge	No Discharge	No Discharge
	September	No Discharge	No Discharge	No Discharge	No Discharge
4	October	No Discharge	No Discharge	No Discharge	No Discharge
	November	No Discharge	No Discharge	No Discharge	No Discharge
	December	No Discharge	No Discharge	No Discharge	No Discharge
	Annual Avg.	No Discharge	No Discharge	No Discharge	No Discharge

B. List the monthly average permit limit and DMR loadings below.

(1) NPDES Permit Loading

	Months	BOD_5 ($CBOD_5$) (lbs/day)	TSS (lbs/day)	NH_3-N (lbs/day)	TKN (lbs/day)
Permit Limit	Dec - Apr	128	550	33	66
	May - Nov	91.7	550	18.3	36.6

(2) DMR Loading

Qtr	Month	BOD_5 ($CBOD_5$) (lbs/day)	TSS (lbs/day)	NH_3-N (lbs/day)	TKN (lbs/day)
1	January	No Discharge	No Discharge	No Discharge	No Discharge
	February	No Discharge	No Discharge	No Discharge	No Discharge
	March	No Discharge	No Discharge	No Discharge	No Discharge
2	April	No Discharge	No Discharge	No Discharge	No Discharge
	May	No Discharge	No Discharge	No Discharge	No Discharge
	June	No Discharge	No Discharge	No Discharge	No Discharge
3	July	No Discharge	No Discharge	No Discharge	No Discharge
	August	No Discharge	No Discharge	No Discharge	No Discharge
	September	No Discharge	No Discharge	No Discharge	No Discharge
4	October	No Discharge	No Discharge	No Discharge	No Discharge
	November	No Discharge	No Discharge	No Discharge	No Discharge
	December	No Discharge	No Discharge	No Discharge	No Discharge
	Annual Avg.	No Discharge	No Discharge	No Discharge	No Discharge

C. During the past year did the BOD_5 ($CBOD_5$) concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

D. During the past year did the BOD_5 ($CBOD_5$) concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

E. During the past year did the effluent TSS concentration (mg/l) or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

F. During the past year did the TSS concentration (mg/l) and/or loading (lbs/day) exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

G. During the past year did the NH_3-N or TKN concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

H. During the past year did either the NH_3-N or TKN concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

I. Enter each point value checked for C through H in the blanks below.

C Points = 0

D Points = 0

E Points = 0

F Points = 0

G Points = 0

H Points = 0

HIGHEST INDIVIDUAL POINT VALUE FOR PART 2 (C-H) 0 (HIGHEST POINT = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Northside Water Pollution Control Facility

Part 3: Age of the Wastewater Treatment Facility

A. What year was the wastewater treatment plant constructed or last reconstructed? 2009

Subtract the above answer from the report year to determine age:

Age = (Last Calendar year) - (Answer to A)

Age 13 = (2022) - (2009)

Enter Age in Part C below.

B. Check the type of treatment facility employed.

		Factor
X	Mechanical Treatment Plant	2.0
_____	Aerated Lagoon	1.5
_____	Stabilization Pond	1.0
_____	Other (Specify: _____)	1.0

C. Multiply the factor listed next to the type of the facility your community employs by the age of your facility to determine the total point value for Part 3:

2.0 (Factor) x 13 (Age) = 26 TOTAL POINT VALUE FOR PART 3

Enter the above value on Part 11: Summary Sheet. If the total point value exceeds 40, enter 40 on Part 11: Summary Sheet.

Facility Name: Northside Water Pollution Control Facility

Part 4: Bypassing and Overflows

A. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to heavy rain? 0

B. How many bypass or overflow events of untreated wastewater occurred in the last year prior to the headworks of the WWTP due to heavy rain? 0

C. How many of the bypass or overflow events listed in Parts A and B have been corrected such that future bypass or overflow events at the same location due to heavy rain are not anticipated? 0

D. Add together Answers A and B and subtract Answer C from that total.

A + B – C = 0 (Check the appropriate point total.)

- ☒ 0 = 0 points
- ☐ 1 = 5 points
- ☐ 2 =10 points
- ☐ 3 =15 points
- ☐ 4 =20 points
- ☐ 5 =25 points
- ☐ 6 = 30 points
- ☐ 7 = 35 points
- ☐ 8 =40 points
- ☐ 9 =45 points
- ☐ 10 =50 points
- ☐ 11 or more =100 points

E. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to equipment failure? (This includes clogged/broken lines or manholes.) 0

F. How many bypass or overflow events of untreated wastewater occurred in the last year due to equipment failure prior to the headworks of the WWTP? (This includes clogged/broken lines or manholes.) 7

G. How many of the bypass or overflow events listed in Parts E and F have been corrected such that future bypass or overflow events at the same location due to the same equipment failure are not anticipated? 7

H. Add together Answers E and F and subtract Answer G from that total.

E + F – G = 0 (Check the appropriate point total.)

- ☒ 0 = 0 points
- ☐ 1 = 5 points
- ☐ 2 =10 points
- ☐ 3 =15 points
- ☐ 4 =20 points
- ☐ 5 =25 points
- ☐ 6 = 30 points
- ☐ 7 = 35 points
- ☐ 8 =40 points
- ☐ 9 =45 points
- ☐ 10 =50 points
- ☐ 11 or more =100 points

I. Add point values checked in D and H and enter the total in the blank below.

TOTAL POINT VALUE FOR PART 4 0
Enter this value on Part 11: Summary Sheet.

All bypass or overflow events that have occurred in the last year (for any reason) must be individually reported with this MWPP report.

Facility Name: Northside Water Pollution Control Facility

Part 5: Sludge Quantity and Storage

A. Please provide information concerning sludge quantity, characteristics, and storage practices based on available data as requested on the *MWPP Sewage Sludge Survey,* ADEM Form 419.

B. How many months of sludge storage capacity does the wastewater treatment facility have available, either on-site or off-site? (i.e., How many months can the facility operate without land spreading or disposing of sludge?) N/A

(Check the appropriate point total.)

Greater than or equal to 4 months	☐	= 0 points
Less than 4 months, but greater than or equal to 3 months	☐	= 10 points
Less than 3 months, but greater than or equal to 2 months	☐	= 20 points
Less than 2 months, but greater than or equal to 1 month	☐	= 30 points
Less than one month	☐	= 50 points

TOTAL POINT VALUE FOR PART 5 N/A
Enter this value on Part 11: Summary Sheet.

Part 6: Sludge Disposal Practices and Sites

A. Please provide the sludge disposal practices and site information based on available data as requested on the *MWPP Sewage Sludge Survey,* ADEM Form 419.

B. How many months or years does the facility have access to and approval for sufficient land disposal sites to provide proper land disposal? (Check the appropriate point total.)

36 or more months	■	= 0 points
24 - 35 months	☐	= 10 points
12 - 23 months	☐	= 20 points
6 - 11 months	☐	= 30 points
Less than 6 months	☐	= 50 points

TOTAL POINT VALUE FOR PART 6 N/A
Enter this value on Part 11: Summary Sheet.

Facility Name: Northside Water Pollution Control Facility

Part 7: New Development

Are there any major new developments (industrial, commercial, or residential) in the last calendar year or anticipated in the next 2-3 years such that either flow or BOD_5 ($CBOD_5$) loadings to the sewage system could significantly increase? Estimate additional loadings below.

Design Population Equivalent (PE): 22,000 Design Flow: 2.2 MGD Design BOD_5 ($CBOD_5$): 3,398 lbs/day

List industrial and/or residential developments.

Woodward Oaks, Farmville Lakes, Yarbrough Farms, Plainsman Lake, various smaller developments

Will the additional loading overload the plant?
(Check the appropriate point total.)

☒ No = 0 points ☐ Yes = 121 points

Enter the point total in the blank below.

TOTAL POINT VALUE FOR PART 7 0 (highest point total = 121)
Enter this value on Part 11: Summary Sheet.

Part 8: Operator Certification

Complete the *Plant and Collection System Personnel Inventory,* ADEM Form 441.

Do both the plant operator and collection system staffing comply with ADEM Administrative Code; Division 10, Operator Certification Program?
(Check the appropriate point total.)

☒ Yes = 0 points ☐ No = 121 points

TOTAL POINT VALUE FOR PART 8 0 (highest point total = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Northside Water Pollution Control Facility

Part 9: Financial Status

A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses? If no, how are O&M costs being financed? ***Include user charge rates***.

Yes

Residential Minimum $14.81 Plus rate $4.94 /1,000 gal.

Industrial Minimum $14.81 Plus rate $4.94 /1,000 gal.

Monthly residential rate based on 6,000 gallons usage $ 29.63

B. What financial resources are available to pay for the wastewater improvements and/or reconstruction needs?

User charges, surcharges, sewer access fees, borrowing and developer contributions to the system.

C. Please attach a rate sheet and the most recent audit, if available.

See attached.

Part 10: Subjective Evaluation

A. Describe briefly the physical and structural conditions of the wastewater treatment facility.

The facility has no known physical or structural issues. Generally the facility is in good condition. Equipment currently in use at the facility (screens, pumps, electrical gear, generator, etc.) is in good condition due to proper operation and maintenance practices.

B. Describe the general condition of the sewer system (sewer lines, manholes, lift stations).

The sewer system is generally in average to good condition. The City has limited SSOs due to its preventative maintenance program. Sewer lines are repaired or rehabilitated as needed based on inflow/infiltration concerns, capacity concerns, and/or general integrity.

C. What sewage system improvements does the community have planned for construction in the next 5 years?

Future use of the Northside WPCF was evaluated as part of the 2020 Wastewater Facilities Master Plan Update. Future plans (3-5 years) include construction of a flow equalization storage tank for peak wet weather flows and rehabilitation of the Northside transfer liftstation.

D. What is the theoretical design life of the plant, and what is the estimated remaining useful life of the wastewater treatment facility?

The theoretical design life of the facility is approximately 20-40 years. The Northside WPCF has been operating solely as a liftstation (no treatment or discharge) since 2013. Significant upgrades, or possibly a new plant, would be needed should the City need to reopen Northside.

E. What problems, if any, over the last year have threatened treatment or conveyance within the system?

High flows occasionally experienced due to inflow and infiltration (I/I) in the collection system during heavy rain events.

F. Is the community presently involved in formal planning for treatment facility upgrading?

Yes. The City has a comprehensive Wastewater Facilities Master Plan that is updated every 5 years. The most recent update was completed in 2020-2021.

G. How many days in the last year were there residential backups at any point in the collection system for any reason other than clogging of the lateral connection? 7

H. Does the plant have a written plan for preventive maintenance on major equipment items? If yes, describe.

Yes. Preventative maintenance is documented and tracked by Veolia using the HACH Job Cal Plus asset management software. Electronic and hard copies of O&M manuals are filed at the facility. The City utilizes CityWorks for collection system asset management.

I. Does this preventive maintenance program depict frequency of intervals, types of lubrication, and other preventive maintenance tasks necessary for each piece of equipment?

(Check the appropriate response.) ■ Yes ☐ No

J. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assessed properly?

(Check the appropriate response.) ■ Yes ☐ No

K. Describe any major repairs or mechanical equipment replacement made in the last year and include the approximate cost for those repairs. Do not include major treatment plant construction or upgrading programs.

None

L. List any additional comments. (Attach additional sheets if necessary.)

Facility Name: Northside Water Pollution Control Facility

Part 11: Summary Sheet

1. Enter in the values from Parts 1 through 8 in the left column below. Add the numbers in the left column to determine the MWPP Report point total the wastewater system generated for the previous calendar year.

Actual Values	Maximum Possible
Part 1 0 points	80 points
Part 2 0 points	121 points
Part 3 26 points	40 points
Part 4 0 points	200 points
Part 5 N/A points	50 points
Part 6 N/A points	50 points
Part 7 0 points	121 points
Part 8 0 points	121 points
Total 26 points	783 points

2. Check the facility type that best describes the plant's treatment and disposal of wastewater.

- [x] Mechanical plant with surface water discharge
- [ ] Aerated Lagoon or stabilization pond with surface water discharge
- [ ] Mechanical plant using land disposal of liquid wastes
- [ ] Aerated Lagoon or stabilization pond using land disposal of liquid wastes

3. Check the range that describes the action needed to address problems identified in the report.

- [x] 0 - 70 points Actions as Appropriate*
- [ ] 71 - 120 points Departmental Recommendation Range*
- [ ] 121 – 783 points Municipality Action Range*

***Other actions may be required by NPDES outside the scope of this report.**

4. Complete the *Municipal Water Pollution Prevention Resolution Form*, ADEM Form 418.

5. In Question 1, do any of the actual point values in the left column equal the maximum possible points in the right column?

(Check the appropriate response.) ☐ Yes ■ No

If yes, provide a written explanation for this situation in the space below.

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 2/8/2022 TIME CALL RECEIVED 12:00 PM

COMPLAINT REPORTED BY Auburn Citizen

LOCATION OF DISCHARGE: Empty wooded lot behind this address.

NATURE OF OVERFLOW:

- [ ] City Sewer Line Discharge
- [ ] City Sewer Line Blockage
- [ ] Lift Station Alarm/Discharge
- [X] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [ ] Broken Sewer Line
- [X] Manhole Discharge
- [ ] Lift Station Discharge
- [ ] Other

CAUSE OF OVERFLOW:

- [ ] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [ ] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [X] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [X] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [ ] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [X] Onto Ground
- [ ] Into Storm Drain
- [ ] Into Ground
- [ ] Into Water
- [ ] Onto Street

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [ ] Yes [X] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 2/8/2022 at 12:00 PM To (Date and Time) 2/8/2022 at 1:00 PM

ACTION TAKEN The crew used a high pressure jetting machine to clear the blockage and the discharge stopped.

WEATHER CONDITIONS (Check One):

- [X] No Rain
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Previous Rain

COMPLETED BY J. Segrest DATE 2/14/2022

ESTIMATED QUANTITY OF DISCHARGE:

- [ ] Less than 100 gal.
- [ ] Less than 500 gal.
- [X] Less than 1,000 gal.

Other estimated flows (Less or more than above)

REPORTABLE UNPERMITTED DISCHARGE:

- [ ] Reportable
- [X] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [ ] Yes [X] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [X] No

ADEM SSO E2 WEB PORT NOTIFIED: [ ] Yes [X] No

DATE/TIME NOTIFIED: N/A

DATE/TIME NOTIFIED: N/A

PERSON THAT NOTIFIED STATE: N/A

PHONE NUMBER: N/A

SUPERVISOR

DATE 2/8/2022 1:00:00 PM

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 7/5/2022 TIME CALL RECEIVED 8:22 AM

COMPLAINT REPORTED BY Email from Citizen.

LOCATION OF DISCHARGE: City Park

NATURE OF OVERFLOW:

- [X] City Sewer Line Discharge
- [ ] City Sewer Line Blockage
- [ ] Lift Station Alarm/Discharge
- [ ] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [ ] Broken Sewer Line
- [X] Manhole Discharge
- [ ] Lift Station Discharge
- [ ] Other

CAUSE OF OVERFLOW:

- [ ] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [X] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [X] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [X] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [ ] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [X] Onto Ground
- [ ] Into Storm Drain
- [ ] Into Ground
- [X] Into Water
- [ ] Onto Street

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [X] Yes [ ] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 7/5/22 at 8:22AM To (Date and Time) 7/5/22 at 9:50AM

ACTION TAKEN The crew used a High pressure jetting machine to clear the blockage and the discharge ceased.

WEATHER CONDITIONS (Check One):

- [X] No Rain
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Previous Rain

COMPLETED BY J. Segrest DATE 7/5/2022

ESTIMATED QUANTITY OF DISCHARGE:

- [ ] Less than 100 gal.
- [ ] Less than 500 gal.
- [X] Less than 1,000 gal.

Other estimated flows (Less or more than above) 920 Gallons

REPORTABLE UNPERMITTED DISCHARGE:

- [X] Reportable
- [ ] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [X] Yes [ ] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [X] No

DATE/TIME NOTIFIED:

ADEM SSO E2 WEB PORT NOTIFIED: [X] Yes [ ] No

DATE/TIME NOTIFIED: 7/6/22

PERSON THAT NOTIFIED STATE: J. Segrest

PHONE NUMBER: 334-501-3060

SUPERVISOR

DATE 7/5/2022 9:50:35 AM

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 7/21/2022 TIME CALL RECEIVED 10:20AM

COMPLAINT REPORTED BY City Staff

LOCATION OF DISCHARGE: Wooded lot at this location

NATURE OF OVERFLOW:

- [ ] City Sewer Line Discharge
- [ ] City Sewer Line Blockage
- [ ] Lift Station Alarm/Discharge
- [X] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [ ] Broken Sewer Line
- [ ] Manhole Discharge
- [ ] Lift Station Discharge
- [X] Other

CAUSE OF OVERFLOW:

- [ ] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [ ] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [X] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [X] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [ ] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [X] Onto Ground
- [ ] Into Storm Drain
- [ ] Into Ground
- [ ] Into Water
- [ ] Onto Street

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [ ] Yes [X] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 07/21/22 @10:20AM To (Date and Time) 07/21/22 @10:40AM

ACTION TAKEN The crew used a high pressure jetting machine to clear the blockage in the mainline and the discharge stopped.

WEATHER CONDITIONS (Check One):

- [X] No Rain
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Previous Rain

COMPLETED BY J. Segrest DATE 7/25/2022

ESTIMATED QUANTITY OF DISCHARGE:

- [X] Less than 100 gal.
- [ ] Less than 500 gal.
- [ ] Less than 1,000 gal.

Other estimated flows (Less or more than above)

REPORTABLE UNPERMITTED DISCHARGE:

- [ ] Reportable
- [X] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [ ] Yes [X] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [X] No

DATE/TIME NOTIFIED: N/A

ADEM SSO E2 WEB PORT NOTIFIED: [ ] Yes [X] No

DATE/TIME NOTIFIED: N/A

PERSON THAT NOTIFIED STATE: N/A

PHONE NUMBER: N/a

SUPERVISOR DATE 7/21/2022 10:40:00 AM

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 7/29/2022 TIME CALL RECEIVED 10:30AM

COMPLAINT REPORTED BY Auburn Citizen

LOCATION OF DISCHARGE: Wooded lot behind this address

NATURE OF OVERFLOW:

- [ ] City Sewer Line Discharge
- [x] City Sewer Line Blockage
- [ ] Lift Station Alarm/Discharge
- [ ] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [x] Broken Sewer Line
- [ ] Manhole Discharge
- [ ] Lift Station Discharge
- [ ] Other

CAUSE OF OVERFLOW:

- [x] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [ ] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [x] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [ ] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [ ] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [ ] Onto Ground
- [ ] Into Storm Drain
- [ ] Into Ground
- [x] Into Water
- [ ] Onto Street

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [x] Yes [ ] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 7/29/22 at 10:30 AM To (Date and Time) 7/29/2022 at

ACTION TAKEN The crew used excavation equipment to repair the damaged sewer main with new pipe.

WEATHER CONDITIONS (Check One):

- [x] No Rain
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Previous Rain

COMPLETED BY J. Segrest DATE #Error

ESTIMATED QUANTITY OF DISCHARGE:

- [x] Less than 100 gal.
- [ ] Less than 500 gal.
- [ ] Less than 1,000 gal.

Other estimated flows (Less or more than above) 20 gallons

REPORTABLE UNPERMITTED DISCHARGE:

- [x] Reportable
- [ ] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [x] Yes [ ] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [x] No ADEM SSO E2 WEB PORT NOTIFIED: [x] Yes [ ] No

DATE/TIME NOTIFIED: 7/29/2022 DATE/TIME NOTIFIED: 7/29/2022

PERSON THAT NOTIFIED STATE: J.Segrest

PHONE NUMBER: 334-501-3060

SUPERVISOR DATE 7/29/2022 1:45:37 PM

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 8/5/2022 TIME CALL RECEIVED 9:20AM

COMPLAINT REPORTED BY City Staff

LOCATION OF DISCHARGE: Lift Station at this location

NATURE OF OVERFLOW:

- [ ] City Sewer Line Discharge
- [ ] City Sewer Line Blockage
- [X] Lift Station Alarm/Discharge
- [ ] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [ ] Broken Sewer Line
- [ ] Manhole Discharge
- [X] Lift Station Discharge
- [ ] Other

CAUSE OF OVERFLOW:

- [ ] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [ ] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [X] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [ ] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [X] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [X] Onto Ground
- [ ] Into Ground
- [ ] Onto Street
- [ ] Into Storm Drain
- [X] Into Water

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [X] Yes [ ] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 9:20 AM To (Date and Time) 9:25 AM

ACTION TAKEN The crew was able to turn off the valves to the lift station and use a bypass pump to stop the discharge.

WEATHER CONDITIONS (Check One):

- [X] No Rain
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Previous Rain

COMPLETED BY J.Segrest DATE 8/5/2022

ESTIMATED QUANTITY OF DISCHARGE:

- [X] Less than 100 gal.
- [ ] Less than 500 gal.
- [ ] Less than 1,000 gal.

Other estimated flows (Less or more than above) 25 gallons

REPORTABLE UNPERMITTED DISCHARGE:

- [X] Reportable
- [ ] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [X] Yes [ ] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [X] No ADEM SSO E2 WEB PORT NOTIFIED: [X] Yes [ ] No

DATE/TIME NOTIFIED: 8/5/2022 DATE/TIME NOTIFIED: 8/5/2022

PERSON THAT NOTIFIED STATE: J.Segrest

PHONE NUMBER: 3345013069

SUPERVISOR DATE 8/5/2022 9:25:00 AM

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 10/26/2022 TIME CALL RECEIVED 8:40AM

COMPLAINT REPORTED BY STEPHEN WATSON

LOCATION OF DISCHARGE: 697 N. ROSS STREET

NATURE OF OVERFLOW:

- [ ] City Sewer Line Discharge
- [ ] City Sewer Line Blockage
- [ ] Lift Station Alarm/Discharge
- [X] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [ ] Broken Sewer Line
- [X] Manhole Discharge
- [ ] Lift Station Discharge
- [ ] Other

CAUSE OF OVERFLOW:

- [ ] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [X] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [X] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [ ] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [ ] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [ ] Onto Ground
- [ ] Into Ground
- [ ] Onto Street
- [ ] Into Storm Drain
- [ ] Into Water

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [ ] Yes [X] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 8:40AM To (Date and Time) 9:25AM

ACTION TAKEN HYDRO CLEANED

WEATHER CONDITIONS (Check One):

[X] No Rain [ ] Light Rain [ ] Moderate Rain [ ] Heavy Rain [ ] Previous Rain

COMPLETED BY DEREK MAY DATE 10/26/2022

ESTIMATED QUANTITY OF DISCHARGE:

[ ] Less than 100 gal. [X] Less than 500 gal. [ ] Less than 1,000 gal.

Other estimated flows (Less or more than above)

REPORTABLE UNPERMITTED DISCHARGE:

[X] Reportable [ ] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [X] Yes [ ] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [X] No

ADEM SSO E2 WEB PORT NOTIFIED: [X] Yes [ ] No

DATE/TIME NOTIFIED:

DATE/TIME NOTIFIED: 10/26/2022 APPROX. 12:00PM

PERSON THAT NOTIFIED STATE: Derek May

PHONE NUMBER:

SUPERVISOR

DATE 10/26/2022 12:37:54 PM

Sewer Maintenance Division

City of Auburn

Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED 12/7/2022 TIME CALL RECEIVED 9:30AM

COMPLAINT REPORTED BY Veolia Staff

LOCATION OF DISCHARGE: Wooded lot at this location.

NATURE OF OVERFLOW:

- [ ] City Sewer Line Discharge
- [x] City Sewer Line Blockage
- [ ] Lift Station Alarm/Discharge
- [ ] Manhole Discharge
- [ ] Other

SOURCE OF OVERFLOW:

- [x] Broken Sewer Line
- [ ] Manhole Discharge
- [ ] Lift Station Discharge
- [ ] Other

CAUSE OF OVERFLOW:

- [x] Damaged Sewer Line
- [ ] Failed/Collapsed Sewer Line
- [ ] Sewer Blockage-Grease
- [ ] Manhole Damaged
- [ ] Failed Collapsed Manhole
- [x] Cause not listed above:
- [ ] Insuffiient Capacity
- [ ] Root Intrusion Into Sewer Line
- [ ] Sewer Blockage-Debris
- [ ] Lift Station Power Failure
- [ ] Lift Station Equipment Failure

DESTINATION OF DISCHARGE:

- [x] Onto Ground
- [ ] Into Storm Drain
- [x] Into Ground
- [x] Into Water
- [ ] Onto Street

WAS THERE A VISIBLE DISCHARGE INTO A BODY OF WATER [x] Yes [ ] No (If yes, document with photos)

DURATION OF OVERFLOW (Please fill out below):

From (Date and Time) 12/7/2022 @ 9:30am To (Date and Time) 12/7/2022 @ 12:00pm

ACTION TAKEN The crew repaired a broken fitting outside the pit.

WEATHER CONDITIONS (Check One):

- [x] No Rain
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Previous Rain

COMPLETED BY J. Segrest DATE 12/8/2022

ESTIMATED QUANTITY OF DISCHARGE:

- [ ] Less than 100 gal.
- [ ] Less than 500 gal.
- [x] Less than 1,000 gal.

Other estimated flows (Less or more than above) Approx 750 Gallons

REPORTABLE UNPERMITTED DISCHARGE:

- [x] Reportable
- [ ] Unreportable

PERMIT NUMBER: AL 0050245 Auburn Northside WPCF

STATE NOTIFIED: [x] Yes [ ] No

ADEM SSO HOTLINE NOTIFIED: [ ] Yes [x] No

ADEM SSO E2 WEB PORT NOTIFIED: [x] Yes [ ] No

DATE/TIME NOTIFIED:

DATE/TIME NOTIFIED: 12/8/2022

PERSON THAT NOTIFIED STATE: J.Segrest

PHONE NUMBER: 334.501.3060

SUPERVISOR

DATE 12/7/2022 12:00:00 PM

NPDES FORM 6100-035		UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 BIOSOLIDS ANNUAL REPORT	Form Approved. OMB No. 2040-0004. Exp. 03/31/2022

EPA's sewage sludge regulations require certain publicly owned treatment works (POTWs) and Class I sewage sludge management facilities to submit to a Sewage Sludge (Biosolids) Annual Report (see 40 CFR 503.18 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_118), 503.28 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_128), 503.48 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_148)). Facilities that must submit a Sewage Sludge (Biosolids) Annual Report include POTWs with a design flow rate equal to or greater than one million gallons per day, POTWs that serve 10,000 people or more, Class I Sludge Management Facilities (as defined by 40 CFR 503.9 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_19)), and facilities otherwise required to file this report (e.g., permit condition, enforcement action, state law). This is the electronic form for Sewage Sludge (Biosolids) Annual Report filers to use if they are located in one of the states, tribes, or territories (https://www.epa.gov/npdes/npdes-state-program-information) where EPA administers the Federal biosolids program.

For the purposes of this form, the term 'sewage sludge (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_19)' also refers to the material that is commonly referred to as 'biosolids'. EPA does not have a regulatory definition for biosolids but this material is commonly referred to as sewage sludge that is placed on, or applied to the land to use the beneficial properties of the material as a soil amendment, conditioner, or fertilizer. EPA's use of the term 'biosolids' in this form is to confirm that information about beneficially used sewage sludge (a.k.a. biosolids) should be reported on this form.

Public Availability of Information Submitted on and with General Permit Reports

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk (NPDESeReporting@epa.gov (mailto:NPDESereporting@epa.gov)) for further guidance.

Please note that EPA may contact you after you submit this report for more information regarding your sewage sludge management program.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with EPA regulations (40 CFR 503.18, 503.28, and 503.48). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 3 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden including through the use of automated collection techniques to the Director, Regulatory Support Division, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Facility Information

Facility Name: CITY OF AUBURN - HC MORGAN WPCF

NPDES ID: ALL050237

Program Information

Please select all of the following that apply to your obligation to submit a Sewage Sludge (Biosolids) Annual Report in compliance with 40 CFR part 503. The facility is:

- a POTW with a design flow rate equal to or greater than one million gallons per day
- a POTW that serves 10,000 people or more

In the reporting period, did you manage your sewage sludge or biosolids using any of the following management practices: land application, surface disposal, or incineration?

☑ YES ☐ NO

If your facility is a POTW, please provide the estimated total amount of sewage sludge produced at your facility for the reporting period (in dry metric tons). If your facility is not a POTW, please provide the estimated total amount of biosolids produced at your facility for the reporting period (in dry metric tons).

1499

Reporting Period Start Date: 01/01/2022 **Reporting Period End Date:** 12/31/2022

Treatment Processes

Processes to Significantly Reduce Pathogens (PSRP):

Aerobic Digestion

Processes to Further Reduce Pathogens (PFRP):

Physical Treatment Options:
Thickening (e.g., Gravity and/or Flotation Thickening, Centrifugation, Belt Filter Press, Vacuum Filter, Screw Press)
Sludge Lagoon

Other Processes to Manage Sewage Sludge:

Analytical Methods

Did you or your facility collect sewage sludge or biosolids samples for laboratory analysis? ☑ YES ☐ NO

Analytical Methods

- EPA Method 6010 - Arsenic (ICP-OES)
- EPA Method 6010 - Cadmium (ICP-OES)
- EPA Method 6010 - Chromium (ICP-OES)
- EPA Method 6010 - Copper (ICP-OES)
- EPA Method 6010 - Lead (ICP-OES)
- EPA Method 7471 - Mercury (CVAA)
- EPA Method 6010 - Molybdenum (ICP-OES)
- EPA Method 6010 - Nickel (ICP-OES)
- EPA Method 6010 - Selenium (ICP-OES)
- EPA Method 6010 - Zinc (ICP-OES)
- EPA Method 351.2 - Total Kjeldahl Nitrogen
- EPA Method 350.1 - Ammonia Nitrogen
- Standard Method 2710 - SOUR
- Standard Method 2540 - Total Solids
- Standard Method 9221 - Fecal coliform

Sludge Management - Land Application

ID: 001

Amount: 1499

Management Practice Detail: Agricultural Land Application

Bulk or Bag/Container: Bulk

Handler, Preparer, or Applier Type: On-Site Owner or Operator

Pathogen Class: Class B

Sewage Sludge or Biosolids Pathogen Reduction Options:

- Class B-Alternative 2 PSRP 1: Aerobic Digestion

Sewage Sludge or Biosolids Vector Attraction Reduction Options:

- Option 4 - Specific Oxygen Uptake Rate

Did the facility land apply bulk sewage sludge when one or more pollutants in the sewage sludge exceeded 90 percent or more of any of the cumulative pollutant loading rates in Table 2 of 40 CFR 503.13?

☐ YES ☑ NO ☐ UNKNOWN

Monitoring Data

INSTRUCTIONS: Pollutants, pathogen densities, and vector attraction reduction must be monitored when sewage sludge or biosolids are applied to the land. Please use the following section to report monitoring data for the land application conducted by you or your facility in the reporting period for this SSUID. These monitoring data should be representative of the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID (40 CFR 503.8(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_18)). All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis. EPA will be using these data to demonstrate compliance with EPA's land application requirements (40 CFR 503, Subpart B).

Compliance Monitoring Periods

INSTRUCTIONS: Please use the table below to identify the start date and end date for each compliance monitoring period. You can adjust the start and end dates as needed. Please note that the compliance monitoring periods cannot overlap and that each compliance monitoring period must have a start date that is equal to or less than the end date. The number of compliance monitoring periods is based on the number of metric tons (dry weight basis) of sewage sludge or biosolids land applied in the reporting period (summed across all land application SSUIDs). For example, you will need to provide monitoring data for 12 compliance monitoring periods for each land application SSUID when you land apply 15,000 or more metric tons (dry weight basis) of sewage sludge or biosolids (summed across all land application SSUIDs) in the reporting period (see 40 CFR 503.16 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_116)).

Compliance Monitoring Event No. 1 **Compliance Monitoring Period Start Date:** 01/01/2022 **Compliance Monitoring Period End Date:** 03/31/2022

Do you have analytical results to report for this monitoring period? ☑ YES ☐ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐ YES ☑ NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	33.4	
Cadmium	=	0.734	
Copper	=	328	
Lead	=	17.5	
Mercury	=	1.55	
Molybdenum	=	12.9	
Nickel	=	12.1	
Selenium	<	3.3	
Zinc	=	969	

Pathogen And Vector Attraction Reduction

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring

period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Value	If No Data, Select One Of The Following
Specific Oxygen Uptake Rate (SOUR)	E (Estimated)	1.24	

Note: Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	E (Estimated)	30.45	
Cadmium	E (Estimated)	0.692	
Copper	E (Estimated)	306	
Lead	E (Estimated)	15.95	
Mercury	E (Estimated)	1.03	
Nickel	E (Estimated)	11.9	
Selenium	E (Estimated)	3.01	
Zinc	E (Estimated)	903.5	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	E (Estimated)	59870.4	

Compliance Monitoring Event No. 2 **Compliance Monitoring Period Start Date:** 04/01/2022 **Compliance Monitoring Period End Date:** 06/30/2022

Do you have analytical results to report for this monitoring period? ☑ YES ☐ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☑ YES ☐ NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant

concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	9.93	
Cadmium	=	0.648	
Copper	=	281	
Lead	=	8.55	
Mercury	=	0.981	
Molybdenum	=	7.48	
Nickel	=	14.6	
Selenium	=	2.99	
Zinc	=	850	

Pathogen And Vector Attraction Reduction

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
    - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Value	If No Data, Select One Of The Following
Specific Oxygen Uptake Rate (SOUR)	E (Estimated)	0.64	

Note: Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following

Arsenic	<	9.93	
Cadmium	=	0.648	
Copper	=	281	
Lead	=	8.55	
Mercury	=	0.981	
Nickel	=	14.6	
Selenium	=	2.99	
Zinc	=	850	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	E (Estimated)	73021.8	

Compliance Monitoring Event No. 3 **Compliance Monitoring Period Start Date:** 07/01/2022 **Compliance Monitoring Period End Date:** 09/30/2022

Do you have analytical results to report for this monitoring period? ☑ YES ☐ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐ YES ☑ NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	13.7	
Cadmium	<	1.95	
Copper	=	336	
Lead	=	16.5	
Mercury	=	0.62	
Molybdenum	=	10.2	
Nickel	=	15.7	
Selenium	<	13.5	
Zinc	=	1010	

Pathogen And Vector Attraction Reduction

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
    - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Value	If No Data, Select One Of The Following
Specific Oxygen Uptake Rate (SOUR)	E (Estimated)	0.4	

Note: Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	E (Estimated)	13.25	
Cadmium	E (Estimated)	1.89	
Copper	E (Estimated)	324.5	
Lead	E (Estimated)	14.65	
Mercury	E (Estimated)	0.565	
Nickel	E (Estimated)	15.2	
Selenium	E (Estimated)	13.1	
Zinc	E (Estimated)	997	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	E (Estimated)	17334.15	

Compliance Monitoring Event No. 4 | **Compliance Monitoring Period Start Date:** 10/01/2022 | **Compliance Monitoring Period End Date:** 12/31/2022

Do you have analytical results to report for this monitoring period? ☑ YES ☐ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☑ YES ☐ NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	3.46	
Cadmium	=	0.717	
Copper	=	296	
Lead	=	6.25	
Mercury	<	0.634	
Molybdenum	=	6.85	
Nickel	=	12.2	
Selenium	<	3.42	
Zinc	=	959	

Pathogen And Vector Attraction Reduction

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Value	If No Data, Select One Of The Following
Specific Oxygen Uptake Rate (SOUR)	E (Estimated)	0.9	

Note: Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-

l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].

- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	3.46	
Cadmium	=	0.717	
Copper	=	296	
Lead	=	6.25	
Mercury	<	0.634	
Nickel	=	12.2	
Selenium	<	3.42	
Zinc	=	959	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	26885.3	

Sludge Management - Surface Disposal

Sludge Management - Incineration

Sludge Management - Other Management Practice

Additional Information

Please enter any additional information that you would like to provide in the comment box below.

Additional Attachments

Name	Created Date	Size

Certification Information

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 gathered and evaluated 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 have no personal knowledge that the information submitted is other than 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: David M. Jones (DJON0007)

Certified On: 01/09/2023 4:56 PM

City of Auburn
Fee Schedule for Water, Sewer and Solid Waste
Effective February 1, 2019

After Hours Turn On	$50 per incident		
Delinquent Account Fee	$50 per incident		
Service Charge New & Transfer	$15 per incident		
Lock Charge	$30 per incident		
1" Water Tap Fee	$850.00 per incident		
Water Meter Set Fee	**Meter Size**	**Water ($)**	
	3/4"	200.00	
	1"	225.00	
Deposits Residential^	**Meter Size**	**Water ($)**	**Sewer ($)**
	3/4"	27.50	30.00
	1"	75.00	85.00
	1 1/2"	135.00	165.00
Deposits Commercial^^	**Meter Size**	**Water ($)**	**Sewer ($)**
	3/4"	37.50	50.00
	1"	75.00	100.00
	1 1/2"	135.00	180.00
	2"	225.00	300.00
	3"	450.00	600.00
	4"	750.00	1,000.00
	6" or larger	1,200.00	1,595.00
Minimum Monthly Charges	**Meter Size**	**Water ($)**	**Sewer ($)**
	3/4"	15.75	14.81
	1"	26.20	24.76
	1 1/2"	52.37	49.49
	2"	78.54	74.23
	3"	170.19	160.83
	4"	340.39	321.64
	6"	680.76	643.30
	8"	1,361.55	643.30
	10" or larger	2,593.44	N/A
Monthly Charge Solid Waste^^^	**Curbside**	$23.50	
	Back Yard	$33.50	
Monthly Charge -Water & Sewer (Based on Water Usage)	**Water Usage**	**Water ($)**	**Sewer ($)**
	1-3,000 Gallons	15.75	14.81
	Over 3,000 Gallons	4.17 per 1,000 Gallons	4.94 per 1,000 Gallons
Master Meter Minimum Monthly Charge*	**Desc.**	**Water ($)**	**Sewer ($)**
	Per Unit (2,000 Gallons)	10.50	9.88
	# of Units x 1,000 Gallons	5.25	4.94
	Over allotted usage	4.17	4.94
Access Fees	**Meter Size**	**Water ($)**	**Sewer ($)**
	3/4"	1,200.00	1,800.00
	1"	2,400.00	4,500.00
	1 1/2"	4,800.00	9,000.00
	2"	9,600.00	14,400.00
	3"	19,200.00	28,800.00
	4"	36,000.00	45,000.00
	6"	60,000.00	90,000.00
	8"	120,000.00	144,000.00
	10"	180,000.00	144,000.00

^Solid Waste Deposit $30.00

^^ The minimum deposits ($225 Water and $225 Sewer) for Restaurants, Boarding Houses, Car Washes, Laundries, Auto Detail Shops, Service Stations, Motels, Apartment Complexes, Trailer Parks and similar users.

^^^ In some areas, curb pick up is required

* Master metered (sewer) residential is charged the greater of the minimum charge per unit or the charge for actual usage.

PLANT AND COLLECTION SYSTEM PERSONNEL INVENTORY

FACILITY NAME: Northside WPCF PLANT GRADE: III

PERMIT NUMBER: AL0050245

PLANT SUPERINTENDENT: David Jones TEL. # (334)826-7340

SYSTEM MANAGER: Mikel Thompson TEL. # (334) 501-3060

PLANT OPERATORS:

	NAME	GRADE OR TRAINEE STATUS	OPERATOR NO.	EXP. DATE
1.	David Jones	IV	C006274	05/31/24
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

COLLECTION SYSTEM OPERATORS:

1.	Mikel Thompson	II	C005950	03/31/25
2.	Tommy May	1C	C007680	12/31/25
3.	Justin Arwood	1C	C008769	10/31/23
4.	Sidney Whitman	1C	C008379	10/31/23
5.	Mike Weaver	1C	C009358	06/30/25
6.	Shawn Lockhart	1C	C009393	01/10/26
7.	Barry Anderson	1C	C009010	10/31/24
8	Brandon McGinty	1C	C009902	04/30/24
9	Dustin McGinty	1C	C009935	04/30/24
10	Austin Grant	1C	C010305	10/31/2025

	MAN HRS./WK	NUMBER
MANAGEMENT/SUPERVISOR	10/20**	2
OPERATOR(S):		
GRADE I-C	40	9
GRADE I		
GRADE II		1
GRADE III		
GRADE IV	84***	1
DESIGNATED TRAINEE(S)	0	0
LABORATORY	0	0
MAINTENANCE	*	
OTHER PLANT WORKERS		

AVERAGE NUMBER OF EMPLOYEES PER SHIFT:

1ST	1	Plant	Start Time	0600
	10	Collection	Start Time	0600

* Maintenance duty is carried out by H.C. Morgan plant staff. Lab is located at H.C. Morgan plant

OPERATOR SHIFTS NORMALLY WORKED EACH DAY:

** Collection system supervisor hours spilt between NS and HCM (20 hrs/ea)

	SUN	MON	TUES	WED	THURS	FRI	SAT
1ST	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3RD	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*** The Northside WPCF is no longer manned 24/7 due to ceasing discharge in 2013.

* Collection system operators work

0600 - 1430 M - F

ADEM USE ONLY

	YES	NO
1. DOES PLANT OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?	X	
2. DOES COLLECTION SYSTEM OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?	X	

ADEM FORM 441 8/02