## MUNICIPAL WATER POLLUTION PREVENTION (MWPP)

## **ANNUAL REPORT**

SUBMITTED BY:

TREATMENT FACILITY	H.C. Mo	rgan WPCF	_NPDES #:	AL0050237
	ity of Auburn		COUNTY:	Lee
CONTACT PERSON:	Ron Anders, J	r.		
	Responsible O	official		
	Mayor			
	Title			
	Telephone #:	334-501-7260	Fax #:	
	Email Address	randers@auburnalabam	a.org	
CHIEF OPERATOR:	David Jones			
	Name			
	Telephone #:	334-826-7340	Fax #:	
	Email Address	david.jones@veolia.con	1	
	Date: 3/24/202	5		
REVIEWED BY:	Lynn Sisk, JA	COBS		
	Consulting Eng	gineer		
	Telephone #:	334-271-1444	Fax #:	
	Date: 3/24/2023	5		

## MWPP Annual Report Information Source List

The following information will be needed to complete the compliance maintenance report that covers the calendar year of 2024 (due May 31, 2025 ).

- 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

State of Alabama MWPP Annual Report Department of Environmental Management

## Instructions to the Operator-in-Charge

- 1. Complete all sections of the MWPP Report to the best of your ability.
- 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 31<sup>st</sup> to Municipal Section, Water Division, ADEM, P.O. Box 301463, Montgomery, AL 36130-1463.

## Part 1: Influent Loading/Flows

A. List the average monthly volumetric flows and BOD<sub>5</sub> (CBOD<sub>5</sub>) loadings received at your facility during the last calendar year.

<u>Month</u>	Column 1 Average Monthly Flowrate (MGD)	Column 2 Average Monthly BOD₅ (CBOD₅) Concentration (mg/l)	Column 3 Average Loading BOD <sub>5</sub> (CBOD <sub>5</sub> ) (Ibs/day**)
January	10.045	151.1	9454
February	11.612	152.9	10570
March	11.859	111.0	8003
April	9.866	143.8	8693
May	10.233	124.7	7920
June	8.402	130.2	6711
July	8.308	115.6	5829
August	7.305	137.0	6971
September	7.739	175.6	10174
October	6.516	160.9	8368
November	6.716	160.7	8020
December	6.751	140.7	7683
Annual Avg.	8.779	142	8200

- \*\* 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<sub>5</sub> (CBOD<sub>5</sub>) loading for the facility below. If you are not aware of these design quantities, contact your consulting engineer.

Average Design Flow	Average Design BOD₅ (CBOD₅) Loading (lbs/day)
25 mgd MMADF	17358
22.5 mgd	15622
	Average Design Flow 25 mgd MMADF 22.5 mgd

C.	How many time	es did the monthly flow (Co	olumn 1) to the WWTP e point total)	exceed 90% of design flow?
	🔳 0 - 4 = 0 po	bints 🔲 5 or mo	are = 5 points	
D.	How many time	es did the monthly flow (Co (Check the appropriate	olumn 1) to the WWTP e point total)	exceed the design flow?
	0 = 0 points	1 - 2 = 5 points	☐ 3 – 4 =10 points	5 or more =15 points
E.	How many time exceed 90% of 0	es did the monthly BOD₅ the design loading? (Check the appropriate	(CBOD₅)* loading (lbs e point total)	/day) (Column 3) to the WWTP
	🔳 0 -1 = 0 poi	ints $\square 2 - 4 = 5$ points	☐ 5 or more =10 p	oints
F.	How many time exceed the des	es did the monthly BOD₅ sign loading?	$(CBOD_5)^*$ loading (lbs	/day) (Column 3) to the WWTP
	0	(Check the appropriat	e 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 poir	nt value marked for C thro	ugh F and enter the su	n in the appropriate blank below.
	C points =	0		
	D points =	0		
	E points =	0		
	F points =	0		
TOT/ Enter	AL POINTS VALU this value on Par	IE FOR PART 1 t 11: Summary Sheet.	0	

\*To obtain equivalent BOD<sub>5</sub> loading for comparison with design loading for those permittees using influent CBOD<sub>5</sub>, divide annual average CBOD<sub>5</sub>, loading in Ibs/day from Part 1, A by 0.7.

## Facility Name: H.C. Morgan 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<sub>5</sub>, (CBOD<sub>5</sub>) TSS, NH<sub>3</sub>-N and/or TKN concentration produced by the facility during the last calendar year.
  - (1) NPDES Permit Concentration

Demail	<u>Months</u>	BOD₅ (CBOD₅) (mg/l)	TSS (mg/l)	NH₃-N (mg/l)	TKN (mg/l)
Limit	Dec - Apr	15	30	3.6	Report Only
	May - Nov	6	30	2	Report Only
(2) DMF	R Concentration				
Qtr	Month	BOD₅ (CBOD₅) (mg/l)	TSS (mg/l)	NH₃-N (mg/l)	TKN (mg/l)
1	January	0.5	2.7	0.1	1.0
	February	1.1	4.5	0.6	1.4
	March	0.9	6.4	0.2	1.1
2	April	2.3	9.7	0.6	1.8
	May	0.6	4.2	0.2	1.3
	June	0.1	1.2	0.1	1.1
3	July	0.3	0.8	0.1	1.0
	August	0.3	0.4	0.5	1.4
	September	0.2	1.3	0.1	1.1
4	October	1.0	2.4	0.2	1.3
	November	0.9	1.1	0.3	1.6
	December	1.0	1.8	0.1	1.0
	Annual Avg.	0.8	3.0	0.3	1.3

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

## (1) NPDES Permit Loading

Dormit	Months	BOD₅ (CBOD₅) (lbs/day)	TSS (lbs/day)	NH <sub>3</sub> -N (Ibs/day)	TKN (lbs/day)
Limit	Dec - Apr	3127	6255	417	Report Only
	May - Nov	1251	6255	750	Report Only
(2) DMF	R Loading				
Qtr	Month	BOD₅ (CBOD₅) (lbs/day)	TSS (lbs/day)	NH₃-N (lbs/day)	TKN (lbs/day)
1	January	41	252	13	84
	February	134	487	85	163
	March	79	605	15	103
2	April	192	800	46	149
	May	48	367	20	110
	June	7	83	1	80
3	July	19	56	4	68
	August	15	22	28	85
	September	11	78	11	76
4	October	53	138	14	70
	November	51	61	21	92
	December	64	116	8	64
	Annual Avg.	60	255	22	95

C. During the past year did the BOD<sub>5</sub> (CBOD<sub>5</sub>) 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<sub>5</sub> (CBOD<sub>5</sub>) 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<sub>3</sub>-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<sub>3</sub>-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: H.C. Morgan Water Pollution Control Facility

## Part 3: Age of the Wastewater Treatment Facility

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

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

Age = (Last Calendar year) - (Answer to A) Age 3 = (2024) - (2021)

Enter Age in Part C below.

B. Check the type of treatment facility employed.

	Factor
XMechanical 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	x 3	=	6	TOTAL POINT VALUE FOR PART 3
(Factor)	(Age)			

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

### 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? \_\_\_\_\_2
- 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? 2
- D. Add together Answers A and B and subtract Answer C from that total.

+B-C=0	(Check the appropriate point total.)
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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.) \_\_\_\_\_3
- 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?
- H. Add together Answers E and F and subtract Answer G from that total.

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

 $\square$  0 = 0 points  $\square$  1 = 5 points  $\square$  2 = 10 points  $\square$  3 = 15 points

4 = 20 points	5 = 25 points	6 = 30 points	7 = 35 points
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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: H.C. Morgan 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?) <u>1 month</u>

(Check the appropriate p	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	
TAL POINT VALUE FOR PA	BT 5 30			

TOTAL POINT VALUE FOR PART 5 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 F	PART 6	0	

Enter this value on Part 11: Summary Sheet.

### 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<sub>5</sub> (CBOD<sub>5</sub>) loadings to the sewage system could significantly increase? Estimate additional loadings below.

Design Population:	174,159	Design Flow:	25	MGD	Design BOD <sub>5</sub> (CBOD <sub>5</sub> ):	17358	lbs/day
Equivalent (PE)							

List industrial and/or residential developments.

Mimms Trail, Yarbrough Farms, Old Samford,

Preserve, Woodward Oaks, various multi-family,

apartment complex and smaller residential

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

Enter the point total in the blank below.

TOTAL POINT VALUE FOR PART 7	0	(highest point total = 12	21)
Enter this value on Part 11: Summary SI	heet.		

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.)

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

### 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	\$15.75	Plus rate	\$4.94	/1,000 gal.
Industrial Minimum	\$15.75	Plus rate	\$4.94	/1,000 gal.
Monthly residential rate based on 6 000 gallons usage \$				\$30.57

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

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

	ratama	
SI	/stem.	

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

### Part 10: Subjective Evaluation

- A. Describe briefly the physical and structural conditions of the wastewater treatment facility. Structurally and physically the plant is in good to excellent condition. Proper operation and maintenance is conducted on all equipment. Equipment is upgraded, repaired or replaced as needed.
- 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?

No projects at H.C. Morgan are identified in the next 5 years. There will be various sewer

collection system rehabilitation and upgrade projects to address I/I or capacity issues. Upcoming

projects will be identified and planned during the 2025 wastewater facilities plan update.

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 plant is 20-40 years. The current remaining useful life of the

plant is at least 40 years due to upgrade projects recently completed.

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

High flows occasionally experienced due to 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 2021. The next update will be in 2025.

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

Yes. Preventative maintenance is documented and scheduled 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.) I 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.) I 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.
	See attached sheet.
L.	List any additional comments. (Attach additional sheets if necessary.)

## 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_	6	_points	40 points
Part 4	0	_points	200 points
Part 5_	30	_points	50 points
Part 6_	0	_points	50 points
Part 7_	0	_points	121 points
Part 8_	0	_points	121 points
Total	36	_points	783 points

- 2. Check the facility type that best describes the plant's treatment and disposal of wastewater.
  - 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.
  - 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 No
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If yes, provide a written explanation for this situation in the space below.

## H.C. Morgan WPCF 2024 MWPP

## Form 417 Additional Information

## Item K. Major Equipment Repairs/Replacement

- Morgan Blower #1 Exhaust Pipe Reconfiguration \$16,512
- Choctafaula Liftstation Pump Valve Pit Repairs \$15,392
- Choctafaula Liftstation Pump #4 Repair \$16,234.28
- Woodland Park 2 Liftstation Pump #2 Replacement \$6,825
- Morgan NRCY Pump #1 Repair \$5,500
- Bent Brooke LS Antenna/Cable Replacement \$4,197
- Morgan Clarifier No. 3 Valve Actuator Replacement \$30,272
- Morgan Lagoon #1 Aerator #1 Replacement \$10,350
- Wimberly Station Pump #1 Replacement \$8,060
- Morgan UV Banks 2A and 2B Hydraulic Cylinder Replacement \$39,096.80
- Morgan Blower #2 Temp Sensors \$6,081.56
- Morgan Clarifier No. 1 Drive Service \$5,310
- Morgan Biosolids Pumps #1 and #2 Rebuild \$13,750.28
- Choctafaula LS Pump Rental \$22,200
- Choctafaula LS Pump #4 Repair \$9,800

# Sewer Maintenance Division



# Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED COMPLAINT REPORTED BY LOCATION OF DISCHARGE:	2/12/2024 Kimberly Sides 334-559-352 Manhole in the street	TIME CALL RECEIVED	7:55am
NATURE OF OVERFLOW: City Sewer Line Dischard City Sewer Line Blockag Lift Station Alarm/Discha	ge e rge	X Manhole Discharge	
SOURCE OF OVERFLOW:			
Broken Sewer Line X Manhole Discharge		Lift Station Discharge	
CAUSE OF OVERFLOW:			
<ul> <li>Damaged Sewer Line</li> <li>Failed/Collapsed Sewer</li> <li>Sewer Blockage-Grease</li> <li>Manhole Damaged</li> <li>Failed Collapsed Manhoo</li> <li>Cause not listed above:</li> </ul>	Line le <u>Heavy training rainfall.</u>	<ul> <li>Insuffiient Capacity</li> <li>Root Intrusion Into Sewer Line</li> <li>Sewer Blockage-Debris</li> <li>Lift Station Power Failure</li> <li>Lift Station Equipment Failure</li> </ul>	:
DESTINATION OF DISCHARGE: Onto Ground X Into Storm Drain WAS THERE A VISIBLE DI	Into Ground Into Water SCHARGE INTO A BODY OF W	X Onto Street	(If yes, document with photos)
DURATION OF OVERFLOW (Plea	se fill out below):		
From (Date and Time) 7	:55am	To (Date and Time) 9:20an	n
ACTION TAKEN Sewer m	anholes were monitored until th	e water levels receded.	
WEATHER CONDITIONS (Check of No Rain Light COMPLETED Derek M	<u>One):</u> Rain D Moderate Rain ay	n X Heavy Rain Pre	evious Rain
Less than 100 gal.	Less than 500 gal.	Less than 1,000 gal.	
REPORTABLE UNPERMITTED D	SCHARGE:		
X Reportable	Unreportable		
PERMIT NUMBER:	AL 0050237 H.C. Mo	rgan WPCF	
STATE NOTIFIED:	X Yes No	- <u></u>	
ADEM SSO HOTLINE NOTIFIED:		ADEM SSO E2 WEB PORT NOTI	FIED: X Yes No
DATE/TIME NOTIFIED:		DATE/TIME NOTIFIED:	2/12/2024
PERSON THAT NOTIFIED STATE	: Derek Mav		
PHONE NUMBER:	334-501-7363		
SUPERVISOR		DATE 2/12/2024	9:20:00 AM

# Sewer Maintenance Division



# Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED	2/12/2024	TIME CALL RECEIVED	9 8:35am
COMPLAINT REPORTED BY	Mikel Thompson		
LOCATION OF DISCHARGE:	807 Wrights Mill Road		
NATURE OF OVERFLOW:			
City Sewer Line Discharg	e	X Manhole Discharge Other	
	ge		
SOURCE OF OVERFLOW:			
Broken Sewer Line     X Manhole Discharge		Lift Station Discharge     Other	
CAUSE OF OVERFLOW:			
<ul> <li>Damaged Sewer Line</li> <li>Failed/Collapsed Sewer I</li> <li>Sewer Blockage-Grease</li> <li>Manhole Damaged</li> <li>Failed Collapsed Manhol</li> <li>Cause not listed above:</li> </ul>	_ine e <u>Extreme weather (Heavy Tr</u>	X       Insuffiient Capacity         Root Intrusion Into Sewer         Sewer Blockage-Debris         Lift Station Power Failure         Lift Station Equipment Failure         aining Rainfall)	Line
DESTINATION OF DISCHARGE:			
X Onto Ground	Into Ground	Onto Street	
Into Storm Drain	X Into Water		
WAS THERE A VISIBLE DIS	CHARGE INTO A BODY OF W	ATER X Yes	No (If yes, document with photos)
DURATION OF OVERFLOW (Pleas From (Date and Time) 8	<u>se fill out below):</u> :30am	To (Date and Time) 1:2	25pm
ACTION TAKEN Upstream	and downstream were checke	d while waiting on water level to	recede.
WEATHER CONDITIONS (Check C	Dne):		
No Rain Light	Rain D Moderate Rair	h 🛛 🕺 Heavy Rain	Previous Rain
COMPLETED Derek Ma BY	ау	DATE 2/12/2024	
ESTIMATED QUANTITY OF DISCH	IARGE:		
Less than 100 gal.	Less than 500 gal.	_ess than 1,000 gal.	
Other estimated flows (Less or more	e than above) 8,8	50 Gallons	
REPORTABLE UNPERMITTED DIS	SCHARGE:		
X Reportable	Unreportable		
PERMIT NUMBER:	AL 0050237 H.C. Mo	rgan WPCF	
STATE NOTIFIED:	X Yes 🗌 No		
ADEM SSO HOTLINE NOTIFIED:	Yes X No	ADEM SSO E2 WEB PORT N	NOTIFIED: X Yes No
DATE/TIME NOTIFIED:		DATE/TIME NOTIFIED:	2/12/2024 4pm
PERSON THAT NOTIFIED STATE:	Derek May		
PHONE NUMBER:	334-501-7363		
SUPERVISOR		<u>DATE</u> 2/12/2	2024 1:25:58 PM

Sewer Maintenance Div	<u>vision</u>	0	Sanitary Sewer	Ove	rflow Report Form
DATE CALL RECEIVED 3/9/2 COMPLAINT REPORTED BY ANG LOCATION OF DISCHARGE: 239	City of A ELA MAY CHEWACLA DR.	Auburn	TIME CALL RECEIVED	8:30A	M
NATURE OF OVERFLOW: 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 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 WAS THERE A VISIBLE DISCHA	Into Ground X Into Water RGE INTO A BODY OF W	ATE	X Onto Street	(lf ye	es, document with photos)
DURATION OF OVERFLOW (Please fill From (Date and Time) 9:00A	<u>out below):</u> M	То	(Date and Time) 11:00A	۸M	
ACTION TAKEN CLEAR THE E	BLOCKAGE USED THE HY	/DRC	) JETTER		
WEATHER CONDITIONS (Check One): No Rain Light Rain COMPLETED DEREK MAY	Moderate Rain	1	Heavy Rain X Pre	evious F	Rain
BT	_				
	<u>€E:</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Less than 100 gal.	s than 500 gai.		nan 1,000 gal.		
Other estimated flows (Less or more than	n above) 180	0 Ga	allons		
REPORTABLE UNPERMITTED DISCHA	A <u>RGE:</u>				
X Reportable	Unreportable				
<u>PERMIT NUMBER:</u>	AL 0050237 H.C. Mor	gan	WPCF		
STATE NOTIFIED:	X Yes No				
ADEM SSO HOTLINE NOTIFIED:	Yes X No	<u>AD</u>	EM SSO E2 WEB PORT NOTI	FIED:	X Yes No
DATE/TIME NOTIFIED:	03/09/2024	DA	TE/TIME NOTIFIED:		03/09/2024
PERSON THAT NOTIFIED STATE:	DEREK MAY				
PHONE NUMBER:	334-501-7363				
SUPERVISOR		DA	<u>TE</u> 3/9/2024 1	11:00:00	) AM

# Sewer Maintenance Division



Sanitary Sewer Overflow Report Form

DATE CALL RECEIVED COMPLAINT REPORTED BY	5/23/2024 Joe Newton	TIME CALL RECE	IVED 2:00PM
LOCATION OF DISCHARGE:	Wooded Area adjacent to 74	1 Kentwood Drive	
NATURE OF OVERFLOW:	ge Ie arge	X Manhole Discharge	
SOURCE OF OVERFLOW: Broken Sewer Line Manhole Discharge		Lift Station Discharg	e
CAUSE OF OVERFLOW: Damaged Sewer Line Failed/Collapsed Sewer Sewer Blockage-Grease Manhole Damaged Failed Collapsed Manho X Cause not listed above:	Line 9 Ile	<ul> <li>Insuffiient Capacity</li> <li>Root Intrusion Into S</li> <li>X Sewer Blockage-De</li> <li>Lift Station Power Fill</li> <li>Lift Station Equipment</li> </ul>	Sewer Line bris ailure nt Failure
DESTINATION OF DISCHARGE: Onto Ground Into Storm Drain WAS THERE A VISIBLE DI	Into Ground Into Water SCHARGE INTO A BODY OF W	Onto Stra	X No (If yes, document with photos)
DURATION OF OVERFLOW (Please From (Date and Time)	<u>ise fill out below):</u> 2:20pm	To (Date and Time)	2:50pm
ACTION TAKEN City of A stopped	uburn Sewer maintenance crew	used the hydro jet to clear	the blockage and the discharge
WEATHER CONDITIONS (Check	One): t Rain	h Heavy Rain DATE 5/24/20	Previous Rain
ESTIMATED QUANTITY OF DISC X Less than 100 gal.	HARGE: Less than 500 gal.	ess than 1,000 gal. Gallons	
REPORTABLE UNPERMITTED D	I <u>SCHARGE:</u> X Unreportable AL 0050237 H.C. Mol	rgan WPCF	
STATE NOTIFIED:	Yes X No	0	
ADEM SSO HOTLINE NOTIFIED:	Yes X No	ADEM SSO E2 WEB PO	DRT NOTIFIED: Yes X No
DATE/TIME NOTIFIED:	N/A	DATE/TIME NOTIFIED:	N/A
PERSON THAT NOTIFIED STATE	: N/A		
PHONE NUMBER:	334-321-1589		
SUPERVISOR THOMPSON, M	1IKEL S	<u>DATE</u> 5	/24/2024 10:40:12 AM

Sewer Maintenance Divis	sion 🔬	<u>Sanitary</u>	<u>v Sewer Ov</u>	erflow Report Form
DATE CALL RECEIVED 5/31/20 COMPLAINT REPORTED BY Justin F LOCATION OF DISCHARGE: 1200 O	City of Au 24 Floyd pelika Road	TIME CALL REC	EIVED 9:0	0 AM
NATURE OF OVERFLOW:  City Sewer Line Discharge City Sewer Line Blockage Lift Station Alarm/Discharge		X Manhole Discharge Other	9	
SOURCE OF OVERFLOW: Broken Sewer Line X Manhole Discharge		Lift Station Dischar	ge	
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 Blockage-D Lift Station Power I Lift Station Equipm	y Sewer Line ebris Failure ent Failure	
DESTINATION OF DISCHARGE: X Onto Ground X Into Storm Drain WAS THERE A VISIBLE DISCHARG	Into Ground X Into Water E INTO A BODY OF WA	☐ Onto St TER X Yes	reet	<sup>;</sup> yes, document with photos)
DURATION OF OVERFLOW (Please fill out From (Date and Time) 9:00AM	<u>t below):</u>	To (Date and Time)	11:25 AM	
ACTION TAKEN Sewer personnel	used hydro jet truck to cl	ear the blockage.		
WEATHER CONDITIONS (Check One):		-		
X No Rain Light Rain	Moderate Rain	Heavy Rain	Previous	s Rain
COMPLETED Justin Floyd BY		DATE 5/31/2	2024	
ESTIMATED QUANTITY OF DISCHARGE:	nan 500 gal. 🛛 🗙 Le	ess than 1,000 gal.		
Other estimated flows (Less or more than at	bove) 675 (	Gallons		
REPORTABLE UNPERMITTED DISCHARG	<u>GE:</u>			
X Reportable	Unreportable			
PERMIT NUMBER:	AL 0050237 H.C. Morg	jan WPCF		
STATE NOTIFIED:	X Yes 🗌 No			
ADEM SSO HOTLINE NOTIFIED:	Yes X No	ADEM SSO E2 WEB F	PORT NOTIFIED	X Yes 🗌 No
DATE/TIME NOTIFIED:	05/31/2024	DATE/TIME NOTIFIED	<u>):</u>	05/31/2024
PERSON THAT NOTIFIED STATE:	Justin Floyd			
PHONE NUMBER:	334-321-1589			
SUPERVISOR THOMPSON, MIKEL S		DATE	5/31/2024 3:03:	07 PM

**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).

1450

Reporting Period Start Date: 01/01/2024

Reporting Period End Date: 12/31/2024

**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? STATES ON

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: 1450

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

Management Practice Detail: Agricultural Land Application

Bulk or Bag/Container: Bulk

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 INO □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 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: 01/01/2024 **Compliance Monitoring Period End Date:** 03/31/2024

Do you have analytical results to report for this monitoring period?

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	<	3.81	
Cadmium	=	1.77	
Copper	=	278	
Lead	=	10.3	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	lf No Data, Select One Of The Following
Mercury	<	0.708	
Molybdenum	=	9.55	
Nickel	=	13.3	
Selenium	=	5.38	
Zinc	=	745	

#### 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-l/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-l/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	Vector Attraction Reduction	Value	Value	If No Data, Select One Of The
Parameter	Selected Options	Qualifier		Following
Specific Oxygen Uptake Rate (SOUR)	Option 4 - Specific Oxygen Uptake Rate	E (Estimated)	1.23	

**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-503.31#p-503.31(k))].

- 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-andvector-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(I) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(I))].
- 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)	3.63	
Cadmium	E (Estimated)	1.157	
Copper	E (Estimated)	264	
Lead	E (Estimated)	8.795	
Mercury	E (Estimated)	0.681	
Nickel	E (Estimated)	12.2	
Selenium	E (Estimated)	4.57	

Sewage Sludge or Biosolids	Value	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The
Parameter	Qualifier		Following
Zinc	E (Estimated)	740	

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	Value	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of The
Parameter	Qualifier	weight basis)	Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	E (Estimated)	78050.25	

**Compliance Monitoring Event No. 2** 

Compliance Monitoring Period Start Date: 04/01/2024 Compliance Monitoring Period End Date: 06/30/2024

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)). 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	<	2.74	
Cadmium	=	2.51	
Copper	=	265	
Lead	=	13.1	
Mercury	<	0.63	
Molybdenum	=	8.61	
Nickel	=	14.1	
Selenium	=	5.33	
Zinc	=	824	

#### 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	Vector Attraction Reduction	Value	Value	If No Data, Select One Of The
Parameter	Selected Options	Qualifier		Following
Specific Oxygen Uptake Rate (SOUR)	Option 4 - Specific Oxygen Uptake Rate	E (Estimated)	0.45	

**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-l/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-andvector-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(I) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(I))].
- 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)	lf No Data, Select One Of The Following
Arsenic	<	2.74	
Cadmium	=	2.51	
Copper	=	265	
Lead	=	13.1	
Mercury	<	0.63	
Nickel	=	14.1	
Selenium	=	5.33	
Zinc	=	824	

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	Value	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of The
Parameter	Qualifier	weight basis)	Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	56170	

**Compliance Monitoring Event No. 3** 

Compliance Monitoring Period Start Date: 07/01/2024 Compliance Monitoring Period End Date: 09/30/2024

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)). 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)	lf No Data, Select One Of The Following
Arsenic	=	3.9	
Cadmium	=	2.37	
Copper	=	307	
Lead	=	12.2	
Mercury	<	0.6	
Molybdenum	=	8.43	
Nickel	=	14.6	
Selenium	=	6.52	
Zinc	=	992	

#### 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-l/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-l/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	Vector Attraction Reduction	Value	Value	If No Data, Select One Of The
Parameter	Selected Options	Qualifier		Following
Specific Oxygen Uptake Rate (SOUR)	Option 4 - Specific Oxygen Uptake Rate	E (Estimated)	0.47	

**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-l/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-andvector-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-l/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)	2.945	
Cadmium	E (Estimated)	2.02	
Copper	E (Estimated)	284	
Lead	E (Estimated)	11.35	
Mercury	E (Estimated)	0.547	
Nickel	E (Estimated)	14.2	
Selenium	E (Estimated)	5.86	
Zinc	E (Estimated)	902	

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	Value	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of The
Parameter	Qualifier	weight basis)	Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	E (Estimated)	55798.5	

Compliance Monitoring Event No. 4	
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Compliance Monitoring Period Start Date: 10/01/2024 **Compliance Monitoring Period End Date:** 12/31/2024

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.]

ƳYES □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)). 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)	lf No Data, Select One Of The Following
Arsenic	<	2.31	
Cadmium	=	1.84	
Copper	=	303	
Lead	=	10.1	
Mercury	<	0.702	
Molybdenum	=	8.93	
Nickel	=	13.5	
Selenium	=	10.1	
Zinc	=	951	

#### 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	Vector Attraction Reduction	Value	Value	If No Data, Select One Of The
Parameter	Selected Options	Qualifier		Following
Specific Oxygen Uptake Rate (SOUR)	Option 4 - Specific Oxygen Uptake Rate	E (Estimated)	0.91	

**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-503.31#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-andvector-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(I) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(I))].
- 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)	lf No Data, Select One Of The Following
Arsenic	<	2.31	
Cadmium	=	1.84	
Copper	=	303	
Lead	=	10.1	
Mercury	<	0.702	
Nickel	=	13.5	
Selenium	=	10.1	
Zinc	=	951	

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	Value	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of The
Parameter	Qualifier	weight basis)	Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	61974.7	

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**

Vialle Oferieu Date Oferieu	Name	Created Date	Size
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#### **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: 01/08/2025 8:33 AM ET

## City of Auburn Fee Schedule for Water, Sewer and Solid Waste Effective January 1, 2025

After Hours Turn On	\$75 per incident						
Delinquent Account Fee	\$50 per incident						
Service Charge New & Transfer	\$15 per incident						
Lock Charge	\$100 per incident						
1" Water Tap Fee	\$2,500.00 per incident						
Water Meter Set Fee	Meter Size Water (\$)						
	3/4" 320.00						
	1" 420.00						
	Meter Size	Water (\$)	Sewer (\$)				
Denosits Residential	3/4"	35.00	30.00				
	1" 75.0		85.00				
	1 1/2"	135.00	165.00				
	Meter Size	Water (\$)	Sewer (\$)				
	3/4"	37.50	50.00				
	1"	75.00	100.00				
Deposits Commercial	1 1/2"	135.00	180.00				
Deposits commercial	2"	225.00	300.00				
	3"	450.00	600.00				
	4"	750.00	1,000.00				
	6" or larger	1,365.00	1,595.00				
Minimum Monthly Charges	Meter Size	Water (\$)	Sewer (\$)				
	3/4"	15.75	14.81				
	1"	26.20	24.7				
	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	33.50				
Monthly Charge Mater & Course	Water Usage	Water (\$)	Sewer (Ş)				
(Deced on Water Users)	1-3,000 Gallons	15./5 / 17 per 1 000	14.81 4 94 per 1 000				
(based on water osage)	Over 3,000 Gallons	Gallons	Gallons				
	Desc	Water (\$)	Sewer (\$)				
Master Meter Minimum Monthly	Per Unit (2,000 Gallons)	10.50	9.88				
Charge*	# of Units x 1.000 Gallons	5.25	4.94				
	Over allotted usage	4.17	4.94				
	Meter Size	Water (\$)	Sewer (\$)				
	3/4"	1,800.00	1,800.00				
	1"	3,600.00	4,500.00				
A	1 1/2" 7,200.00		9,000.00				
	2"	14,400.00	14,400.00				
Access Fees	3"	28,800.00	28,800.00				
	4"	54,000.00	45,000.00				
	6"	90,000.00	90,000.00				
	8"	180,000.00	144,000.00				
	10"	270,000.00	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.

FACILITY NAME:	H. C. Morgan WPCF					PLANT GRADE:			IV	
PERMIT NUMBER:	AL0050237									
PLANT SUPERINTEN	DENT:	David Jone	s					TEL. #	(334) 826-73	340
SYSTEM MANAGER:	Mikel Thompson						TEL. #	(334) 501-3	060	
PLANT OPERATORS:			P					"	()	
Ν	IAME		GRAI TRAINEE	DE OR E STATUS	0	PERATOR N	0.	EXP.	DATE	
. Segrist Harrison, Jr.					C000142			08/31/2	6	
. Joshua T. Mims			IV		C006626			05/31/2	6	
. Claude Travis					C005542		11/30/25			
. Jason Davis			ш		C007886		01/21/27			
. Chet Musgrove			IV		C007428		06/30/26			
. David Jones			IV	V		C006274		05/31/27		
. Jackson Jones					C009834		03/31/27			
. Staley Fincher			IV		C000223		08/31/20	6		
. Ryan Carroll			IV		C006025		05/31/25			
. Vincent Valencia					C010571	C010571		08/31/25		
COLLECTION SYSTE	M OPERATOR	RS:	+		•		•			
. Mikel Thompson			ш		C005950			03/31/28	8	
. Tommy May			1C		C007680			12/31/2	5	
. Mike Weaver			1C		C009358			06/30/2	5	
4 Barry Anderson			1C		C009010			10/31/2	7	
5 Brandon McGinty			1C		C009902			04/30/2	7	
6 Dustin McGinty			1C		C009935			04/30/2	7	
7 Justin Floyd	1C			C009426			3/31/2026			
8										
9										
)					_					
MANAGEMENT/SUPE	RVISOR	30/20**		3	-					
OPERATOR(S):	GRADE I-C	40		6						
GRADE I				AVERAGE NUMBER OF		EMPLOYEES PER SHIFT:				
	GRADE II			3		107	_		01 I T	
	GRADE III GRADE IV	84 84		3	-	151 2ND	/ 1		Start Time Start Time	1800
DESIGNATED TRAIN	EE(S)	0		0			7	Collection	Start Time	0600
LABORATORY		0		0						
MAINTENANCE OTHER PLANT WOR	KERS	40 0		2	* Grade III - 12 hr/day, 7	2 operators, day/wk shifts	Operators al S.	ternate wor	rking	
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1ST 0600-180	0 0600-1800	0600-1800	0600-1800	0600-1800	0600-1800	0600-1800	* Collection s	system ope	rators work	
2ND 1800-060 3RD 2/12 hr Shfts	0 1800-0600 2/12 hr Shfts	1800-0600 2/12 hr Shfts	1800-0600 2/12 hr Shfts	1800-0600 2/12 hr Shfts	1800-0600 2/12 hr Shfts	1800-0600 2/12 hr Shfts	0600 - 1430	M - F		
							I			
ADEM USE ONLY									¥50	20
									YES	NO