

**CITY OF LOGAN  
RESOLUTION NO. 22-24**

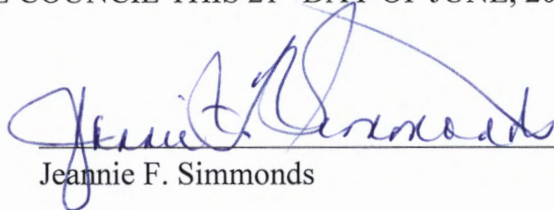
**A RESOLUTION APPROVING THE MUNICIPAL WASTEWATER  
PLANNING PROGRAM (MWPP) ANNUAL REPORT**

**WHEREAS**, each year the City of Logan completes a Municipal Wastewater Planning Program (MWPP) Annual Report for the State of Utah Division of Environmental Quality.

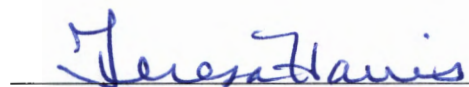
NOW THEREFORE, BE IT RESOLVED THAT THE LOGAN MUNICIPAL COUNCIL informs the Water Quality Board the following actions were taken:

1. Reviewed the attached Municipal Wastewater Planning Program Report for 2021.
2. Have taken all appropriate actions necessary to maintain effluent requirements contained in the UPDES Permit.

PASSED BY THE LOGAN MUNICIPAL COUNCIL THIS 21<sup>st</sup> DAY OF JUNE, 2022

  
\_\_\_\_\_  
Jeannie F. Simmonds

ATTEST:

  
\_\_\_\_\_  
Teresa Harris, City Recorder





*Municipal Wastewater Planning Program (MWPP)*  
*Annual Report*  
*for the year ending 2021*  
**LOGAN CITY**

SUBMIT BY APRIL 15, 2022

Are you the person responsible for completing this report for your organization?

☒ **Yes**

☐ No

[Save & View Table of Contents](#)

NOTE: This questionnaire has been compiled for your benefit to assist you in evaluating the technical and financial needs of your wastewater systems. Completion of the collection section meets the annual reporting requirement for the USMP. If you received financial assistance from the Water Quality Board, annual submittal of this report is a condition of that assistance. Please answer questions as accurately as possible to give you the best evaluation of your facility. If you need assistance, please send an email to [wqinfodata@utah.gov](mailto:wqinfodata@utah.gov) and we will contact you as soon as possible. You may also visit our [Frequently Asked Questions](#) page.

Powered by Qualtrics 



*Municipal Wastewater Planning Program (MWPP)*  
*Annual Report*  
*for the year ending 2021*  
*LOGAN CITY*

*Financial Evaluation Section*

Form completed by:

Madeline Tennant

**Part I: GENERAL QUESTIONS**

Yes

No

Are sewer revenues maintained in a dedicated  
purpose enterprise/district account?



Yes

No

Are you collecting 95% or more of your anticipated sewer revenue?

☒☐

Are Debt Service Reserve Fund<sup>6</sup> requirements being met?

☒☐

What was the annual average User Charge<sup>16</sup> for 2021?

279

Do you have a water and/or sewer customer assistance program\* (CAP)?

☒ **Yes**

☐ No

## Part II: OPERATING REVENUES AND RESERVES

Yes

No

Are property taxes or other assessments applied to the sewer systems<sup>15</sup>?

☐☒

	Yes	No
Are sewer revenues <sup>14</sup> sufficient to cover operations & maintenance costs <sup>9</sup> , and repair & replacement costs <sup>12</sup> (OM&R) at this time?	<input type="radio"/>	<input type="radio"/>
Are projected sewer revenues sufficient to cover OM&R costs for the <i>next five years</i> ?	<input type="radio"/>	<input type="radio"/>
Does the sewer system have sufficient staff to provide proper OM&R?	<input type="radio"/>	<input type="radio"/>
Has a repair and replacement sinking fund <sup>13</sup> been established for the sewer system?	<input type="radio"/>	<input type="radio"/>
Is the repair & replacement sinking fund sufficient to meet anticipated needs?	<input type="radio"/>	<input type="radio"/>

### Part III: CAPITAL IMPROVEMENTS REVENUES AND RESERVES

	Yes	No
Are sewer revenues sufficient to cover all costs of current capital improvements <sup>3</sup> projects?	<input type="radio"/>	<input type="radio"/>
Has a Capital Improvements Reserve Fund <sup>4</sup> been established to provide for anticipated capital improvement projects?	<input type="radio"/>	<input type="radio"/>
Are projected Capital Improvements Reserve Funds sufficient for the <i>next five years</i> ?	<input type="radio"/>	<input type="radio"/>



Yes

No

Are projected Capital Improvements Reserve Funds sufficient for the **next ten years**?

☐☐

Are projected Capital Improvements Reserve Funds sufficient for the **next twenty years**?

☐☐

## Part IV: FISCAL SUSTAINABILITY REVIEW

Yes

No

Have you completed a Rate Study<sup>11</sup> within the last five years?

☐☐

Do you charge Impact fees<sup>8</sup>?

☐☐

2021 Impact Fee (if not a flat fee, use average of all collected fees) =

Logan City Residential Dwelling Impact Fee was \$2,433.00

Yes

No

Have you completed an Impact Fee Study in accordance with UCA 11-36a-3 within the last five years?

☐☐

Yes

No

Do you maintain a Plan of Operations<sup>10</sup>?

☐☐

Have you updated your Capital Facility Plan<sup>2</sup> within the last five years?

☐☐

Yes

No

Do you use an Asset Management<sup>1</sup> system for your sewer systems?

☐☐

Describe the Asset Management System (check all that apply)

☐ Spreadsheet

☒ **GIS**

☐ Accounting Software

☐ Specialized Software

☐ Other

Yes

No



Yes

No

Do you know the total replacement cost of your sewer system capital assets?

☒☐

2021 Replacement Cost =

\$1,000,000.00 Budgeted

Yes

No

Do you fund sewer system capital improvements annually with sewer revenues at 2% or more of the total replacement cost?

☒☐

What is the sewer/treatment system annual asset renewal\* cost as a percentage of its total replacement cost?

☒☐

What is the sewer/treatment system annual asset renewal\* cost as a percentage of its total replacement cost?

5

## Part V: PROJECTED CAPITAL INVESTMENT COSTS

### Cost of projected capital improvements

	Cost	Purpose of Improvements		
	Please enter a valid numerical value	Replace/Restore	New Technology	Increase Capacity
2022	<input type="text" value="10 Mil"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2022 thru 2026	<input type="text" value="12 Mil"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2027 thru 2031	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2032 thru 2036	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2037 thru 2041	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This is the end of the Financial questions

To the best of my knowledge, the Financial section is completed and accurate.

☐ **Yes**

This is the end of the Financial section. What would you like to

do next?

This entire section is complete. Send the link to the next person

☐ in charge. *(Once you Save & Continue, you will no longer be able to use the same link to view/edit your responses).*

☐ **I will continue to fill out/review the next section myself.**

NOTE: This questionnaire has been compiled for your benefit to assist you in evaluating the technical and financial needs of your wastewater systems. Completion of the collection section meets the annual reporting requirement for the USMP. If you received financial assistance from the Water Quality Board, annual submittal of this report is a condition of that assistance. Please answer questions as accurately as possible to give you the best evaluation of your facility. If you need assistance, please send an email to [wqinfodata@utah.gov](mailto:wqinfodata@utah.gov) and we will contact you as soon as possible. You may also visit our [Frequently Asked Questions](#) page.



*Municipal Wastewater Planning Program (MWPP)*  
*Annual Report*  
*for the year ending 2021*  
*LOGAN CITY*

*Collections System Section*

Form completed by:

May Receive Continuing Education /units (CEUs)

Joseph Hawkes

Part I: SYSTEM DESCRIPTION

What is the largest diameter pipe in the collection system (diameter in inches)?

60

What is the average depth of the collection system (in feet)?

10.7

What is the total length of sewer pipe in the system (length in miles)?

160.7

How many lift/pump stations are in the collection system?

7

What is the largest capacity lift/pump station in the collection system (design capacity in gallons per minute)?

2500 gpm

Do seasonal daily peak flows exceed the average peak daily flow by 100 percent or more?

☒ **Yes**

☐ No

What year was your collection system first constructed (approximately)?

1914

In what year was the largest diameter sewer pipe in the collection system constructed, replaced or renewed? (If more than one, cite the oldest)

2013



## PART II: DISCHARGES

How many days last year was there a sewage bypass, overflow or basement flooding in the system due to rain or snowmelt?

0

How many days last year was there a sewage bypass, overflow or basement flooding due to equipment failure (except plugged laterals)?

0

*The Utah Sewer Management Program defines two classes of sanitary sewer overflows (SSOs):*

**Class 1**– a Significant SSO means a SSO or backup that is not caused by a private lateral obstruction or problem that:

*(a) affects more than five private structures;*

*(b) affects one or more public, commercial or industrial structure(s);*

- (c) may result in a public health risk to the general public;*
- (d) has a spill volume that exceeds 5,000 gallons, excluding those in single private structures; or*
- (e) discharges to Waters of the state.*

**Class 2** – a Non-Significant SSO means a SSO or backup that is not caused by a private lateral obstruction or problem that does not meet the Class 1 SSO criteria.

Below include the number of SSOs that occurred in year: 2021

Number of Class 1 SSOs in Calendar year

Number

0

Number of Class 2 SSOs in Calendar year

0

Please indicate what caused the SSO(s) in the previous question.

Please specify whether the SSOs were caused by contract or tributary community, etc.

### Part III: NEW DEVELOPMENT

Did an industry or other development enter the community or expand production in the past two years, such that flow or wastewater loadings to the sewerage system increased by 10% or more?

☐ Yes

☒ **No**

Are new developments (industrial, commercial, or residential) anticipated in the next 2 - 3 years that will increase flow or BOD5 loadings to the sewerage system by 25% or more?

☐ Yes

☒ **No**

Number of new commercial/industrial connections in the last year

66

Number of new residential sewer connections added in the last year

138

Equivalent residential connections<sup>7</sup> served

## Part IV: OPERATOR CERTIFICATION

How many collection system operators do you employ?

6

Approximate population served

54000

*State of Utah Administrative Rules requires all public system operators considered to be in Direct Responsible Charge (DRC) to be appropriately certified at least at the Facility's Grade.*

List the designated Chief Operator/DRC for the Collection System below:

	Name	Grade	Email
	First and Last Name		Please enter full email address

	Name	Grade	Email
	First and Last Name		Please enter full email address
Chief Operator/DRC	Joseph Hawkes	IV ▼	joseph.hawkes@lk

List all other Collection System operators with DRC responsibilities in the field, by certification grade, separate names by commas:

	Name separate by comma
SLS <sup>17</sup> Grade I:	
Collection Grade I:	
Collection Grade II:	
Collection Grade III:	
Collection Grade IV:	Scott Dawson, Cody Brenchley, James Cleverly, Len Osborn

List all other Collection System operators by certification



List all other collection system operators by certification grade, separate names by commas:

	Name separate by comma
SLS <sup>17</sup> Grade I:	
Collection Grade I:	
Collection Grade II:	
Collection Grade III:	
Collection Grade IV:	
No Current Collection Certification:	Tanner Sears

Is/are your collection DRC operator(s) currently certified at the appropriate grade for this facility?

☒ Yes

☐ No

## Part V: FACILITY MAINTENANCE

	Yes	No
Have you implemented a preventative maintenance program for your collection system?	<input type="radio"/>	<input type="radio"/>
Have you updated the collection system operations and maintenance manual within the past 5 years?	<input type="radio"/>	<input type="radio"/>
Do you have a written emergency response plan for sewer systems?	<input type="radio"/>	<input type="radio"/>
Do you have a written safety plan for sewer systems?	<input type="radio"/>	<input type="radio"/>
Is the entire collections system TV inspected at least every 5 years?	<input type="radio"/>	<input type="radio"/>
Is at least 85% of the collections system mapped in GIS?	<input type="radio"/>	<input type="radio"/>

## Part VI: SSMP EVALUATION

	Yes	No
Has your system completed a Sewer System Management Plan (SSMP)?	<input type="radio"/>	<input type="radio"/>
Has the SSMP been adopted by the permittee's governing body at a public meeting?	<input type="radio"/>	<input type="radio"/>
Has the completed SSMP been public noticed?	<input type="radio"/>	<input type="radio"/>

Yes

No

During the annual assessment of the SSMP, were any adjustments needed based on the performance of the plan?

☐☒

Date of Public Notice

During 2021, was any part of the SSMP audited as part of the five year audit?

☐ Yes

☒ **No**

Have you completed a System Evaluation and Capacity Assurance Plan (SECAP) as defined by the Utah Sewer Management Program?

☒ **Yes**

☐ No

## Part VII: NARRATIVE EVALUATION

This section should be completed with the system operators.

Describe the physical condition of the sewerage system: (lift stations, etc. included)

The overall condition is fail. Our system is old; however, we are very proactive on maintaining the system. We do regular root and grease treatments as well as cleaning and camera inspecting lines. We have very minimal claims or issues due to our diligence.

What sewerage system capital improvements<sup>3</sup> does the utility need to implement in the next 10 years?

1800 N. sewer; Install 48" trunk line on 1000 N; Island Capacity; Sewer pipe lining; 1200 S. increase capacity; 200 N and 400 N replace failing line

What sewerage system problems, other than plugging, have you had over the last year?

Roots, grease, high H<sub>2</sub>S, infiltration, deterioration

Is your utility currently preparing or updating its capital facilities plan<sup>2</sup>?

☒ **Yes**

☐ No

Does the municipality/district pay for the continuing education expenses of operators?

☒ **100% Covered**

☐ Partially cover

☐ Does not pay

Is there a written policy regarding continuing education and training for wastewater operators?

☒ **Yes**

☐ No

Any additional comments?

This is the end of the Collections System questions

To the best of my knowledge, the Collections System section is completed and accurate.

☐ **Yes**



This is the end of the Collection System section, what would you like to do next?

- ☐ This entire section is complete. Send the link to the next person in charge. *(Once you Save & Continue, you will no longer be able to use the same link to view/edit your responses).*
- ☐ I will continue to fill out/review the next section myself.

NOTE: This questionnaire has been compiled for your benefit to assist you in evaluating the technical and financial needs of your wastewater systems. Completion of the collection section meets the annual reporting requirement for the USMP. If you received financial assistance from the Water Quality Board, annual submittal of this report is a condition of that assistance. Please answer questions as accurately as possible to give you the best evaluation of your facility. If you need assistance, please send an email to [wqinfodata@utah.gov](mailto:wqinfodata@utah.gov) and we will contact you as soon as possible. You may also visit our [Frequently Asked Questions](#) page.



UTAH DEPARTMENT of  
ENVIRONMENTAL QUALITY  
**WATER  
QUALITY**

*Municipal Wastewater Planning Program (MWPP)  
Annual Report  
for the year ending 2021  
LOGAN CITY*

I have reviewed this report and to the best of my knowledge the information provided in this report is correct.

×

clear

Has this been adopted by the council? If no, what date will it be presented to the council?

- ☐ Yes  
☒ No

What date will it be presented to the council?

What date will it be presented to the council.

Date format ex. mm/dd/yyyy

06/21/2022

NOTE: This questionnaire has been compiled for your benefit to assist you in evaluating the technical and financial needs of your wastewater systems. Completion of the collection section meets the annual reporting requirement for the USMP. If you received financial assistance from the Water Quality Board, annual submittal of this report is a condition of that assistance. Please answer questions as accurately as possible to give you the best evaluation of your facility. If you need assistance, please send an email to [wqinfodata@utah.gov](mailto:wqinfodata@utah.gov) and we will contact you as soon as possible. You may also visit our [Frequently Asked Questions](#) page.

Powered by Qualtrics 