

Municipal Wastewater Planning Program (MWPP)
Annual Report
for the year ending 2020
SANTAQUIN CITY

Thank you for filling out the requested information. Please let DWQ know when it is approved by the Council.

Please download a copy of your form by clicking "Download PDF" below.

Below is a summary of your responses

[Download PDF](#)

SUBMIT BY APRIL 15, 2021

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

☒ **Yes**

☐ **No**

This is the current information recorded for your facility:

Facility Name:	SANTAQUIN CITY
Contact - First Name:	Jason
Contact - Last Name:	Callaway
Contact - Title	Operations Manager

Contact - Email:	jcalloway@santaquin.org
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Is this information above complete and correct?

☒ Yes

☐ No

Your wastewater system is described as Collection, Mechanical Treatment & Financial:

Classification: COLLECTION

Grade: II

(if applicable)

Classification: TREATMENT

Grade: III

Is this correct?

WARNING: If you select 'no', you will no longer have access to this form upon clicking Save & Continue. DWQ will update the information and contact you again.

☒ Yes

☐ No

Click on a link below to view examples of sections in the survey:
(Your wastewater system is described as Collection, Mechanical Treatment & Financial)

[MWPP Collection System.pdf](#)

[MWPP Discharging Lagoon.pdf](#)

[MWPP Financial Evaluation.pdf](#)

[MWPP Mechanical Plant.pdf](#)

[MWPP Non-Discharging Lagoon.pdf](#)

Will multiple people be required to fill out this form?

☒ Yes

☐ No

Please update the information for the person in charge of filling out each section.

	Email ex. john@email.com	Name (first and last)	Notes These notes will be sent in the invite email
Financial Evaluation	jcallaway@santaquin.org	Jason Callaway	
Collection System	jcallaway@santaquin.org	Jason Callaway	
Mechanical	jcallaway@santaquin.org	Jason Callaway	
Review, sign and submit	jcallaway@santaquin.org	Jason Callaway	

Click 'Yes' to send an email to each responsible person with the notes you've included (if any) with a link to the forms and to receive updates

☐ Yes, send the link to this form for the next person to fill out.

☒ Continue filling out the form myself and send the link to others later.

Financial Evaluation Section

Form completed by:

Benjamin A. Reeves, City Manager

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 Fund⁶ requirements being met?

☒☐

What was the annual average User Charge¹⁶ for 2020?

46.03

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 systems¹⁵?

☐☒

	Yes	No
Are sewer revenues ¹⁴ sufficient to cover operations & maintenance costs ⁹ , and repair & replacement costs ¹² (OM&R) at this time?	<input checked="" type="radio"/>	<input type="radio"/>
Are projected sewer revenues sufficient to cover OM&R costs for the <i>next five years</i> ?	<input checked="" type="radio"/>	<input type="radio"/>
Does the sewer system have sufficient staff to provide proper OM&R?	<input checked="" type="radio"/>	<input type="radio"/>
Has a repair and replacement sinking fund ¹³ been established for the sewer system?	<input checked="" type="radio"/>	<input type="radio"/>
Is the repair & replacement sinking fund sufficient to meet anticipated needs?	<input checked="" 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 ³ projects?	<input checked="" type="radio"/>	<input type="radio"/>
Has a Capital Improvements Reserve Fund ⁴ been established to provide for anticipated capital improvement projects?	<input checked="" type="radio"/>	<input type="radio"/>
Are projected Capital Improvements Reserve Funds sufficient for the <i>next five years</i> ?	<input checked="" type="radio"/>	<input type="radio"/>
Are projected Capital Improvements Reserve Funds sufficient for the <i>next ten years</i> ?	<input checked="" type="radio"/>	<input type="radio"/>
Are projected Capital Improvements Reserve Funds sufficient for the <i>next twenty years</i> ?	<input checked="" type="radio"/>	<input type="radio"/>

Part IV: FISCAL SUSTAINABILITY REVIEW

Yes	No
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Have you completed a Rate Study⁷ within the last five years?

Yes

☒

No

☐

Do you charge Impact fees⁸?

☒☐

2020 Impact Fee (if not a flat fee, use average of all collected fees) =

4416

Yes

No

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

☒☐

Do you maintain a Plan of Operations¹⁰?

☒☐

Have you updated your Capital Facility Plan² within the last five years?

☒☐

Yes

No

Do you use an Asset Management¹ system for your sewer systems?

☒☐

Describe the Asset Management System (check all that apply)

- ☒ Spreadsheet
- ☒ GIS
- ☒ Accounting Software
- ☒ Specialized Software

☐ Other

Yes

No

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



2020 Replacement Cost =

28,669,343

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?

6.7

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

2021	10000	<input checked="" type="checkbox"/> Purpose or Improvements	<input type="checkbox"/>
2021 thru 2025	Please enter a valid numerical value	<input checked="" type="checkbox"/> Replace/Restore	<input type="checkbox"/> New Technology
2026 thru 2030	1400000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Increase Capacity
2031 thru 2035	1400000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2036 thru 2040	600000	<input checked="" type="checkbox"/>	<input checked="" 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.

Collections System Section

Form completed by:

May Receive Continuing Education /units (CEUs)

Jason Callaway

Part I: SYSTEM DESCRIPTION

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

18

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

10

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

82

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

1

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

1400

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)?

1994

In what year was the largest diameter sewer pipe in the collection system

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)?

1

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: 2020

Number

Number of Class 1 SSOs in Calendar
year

1

Number of Class 2 SSOs in Calendar
year

1

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

One was caused by equipment failure at the treatment plant and the class 2 SSO was caused by an obstruction in the sewer main.

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

They were not

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

1

Number of new residential sewer connections added in the last year

322

Equivalent residential connections⁷ served

3825

Part IV: OPERATOR CERTIFICATION

How many collection system operators do you employ?


5

Approximate population served

16795

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 First and Last Name	Grade	Email Please enter full email address
Chief Operator/DRC	Pat Hatfield	II 	phatfield@santaquin.org