

## Thanks for filling out [Full MWPP Survey - 2025](#)

Here's what was received.

## Full MWPP Survey - 2025

Municipal Wastewater Planning Program survey for the year 2024.

### Email \*

[jcallaway@santaquin.gov](mailto:jcallaway@santaquin.gov)

### Section I: General Information

Note: This questionnaire has been compiled for your benefit to assist you in evaluating the technical and financial needs of your wastewater systems. If you received financial assistance from the Water Quality Board, annual submittal of this report is a condition of the 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

### What is the name of the Facility? \*

Santaquin City Water Reclamation Facility

### What is the Name of the person responsible for this organization?

\*

Dan Olson

### What is the Title of the person responsible for this organization? \*

Mayor

### What is the Email Address for the person responsible for this organization? \*

[mayor@santaquin.gov](mailto:mayor@santaquin.gov)

### What is the Phone number for the person responsible for this organization? \*

801-754-3211x207

### Please identify the Facility Location? \*

Please provide either Longitude and Latitude, address, or a written description of the location (with area or point).

1215 North Center Santaquin Utah

### Are you a federal facility?

A federal facility is a military base, a national park, or a facility associated with a federal government organization (e.g., BLM, Forest Service, etc.)

Yes

No

## Federal Facilities

**As a federal facility do you have a wastewater collection system?**

Yes

No

## Collection System

Including piping and lift stations.

**This form is completed by [name]?**

The person completing this form may receive Continuing Education Units (CEUs).

Jason Callaway

### Part I: SYSTEM DESCRIPTION

Please answer the following questions regarding SYSTEM DESCRIPTION.

**What is the largest diameter pipe in the collection system?**

Please enter the diameter in inches.

18"

**What is the average depth of the collection system?**

Please enter the depth in feet.

10'

**What is the total length of sewer pipe in the collection system?**

Please enter the length in miles.

75.28

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

2

**What is the largest capacity lift/pump station in the collection system?**

Please enter the design capacity in gpm.

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?**

This can be an approximate guess if you really are not sure.

1994

**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**

Please answer the following questions regarding 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

### **Sanitary Sewer Overflow (SSO)**

**Class 1** - a Significant SSO means a SSO 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

**How many Class 1 SSOs were there in Calendar year 2024?**

0

**How many Class 2 SSOs were there in Calendar year 2024?**

1

**Please indicate what caused the SSO(s) in the previous 2 questions.**

Contractor knocked a lid off a manhole while grading. Manhole filled with dirt and plugged main.

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

N/A

## **Part III: NEW DEVELOPMENT**

Please answer the following questions regarding 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

**What is the number of new commercial/industrial connections in 2024?**

57

**What is the number of new residential sewer connections added in 2024?**

305

**How many equivalent residential connections are served?**

5283

#### **Part IV: OPERATOR CERTIFICATION**

Please answer the following questions regarding OPERATOR CERTIFICATION.

**How many collection system operators do you employ?**

5

**What is the approximate population served?**

17,500

**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 by: First and Last Name, Grade, and email.**

Grades: SLS17-1, Grade I, Grade II, Grade III, and Grade IV.

Gregg Hiatt Grade II [ghiatt@santaquin.org](mailto:ghiatt@santaquin.org)

**Please list all other wastewater treatment system operators with DRC responsibilities in the field, by name and certification grade. Please separate names and certification grade for each operator by commas.**

Grades: SLS17-1, Grade I, Grade II, Grade III, and Grade IV.

Jason Callaway Grade II, Tanner Child Grade III,

**Please list all other wastewater treatment operators by name and certification grade.**

**Please separate names and certification grades for each operator by commas.**

Grades: SLS17-1, Grade I, Grade II, Grade III, and Grade IV.

Pat Hatfield Grade II, Shad Eva Grade II

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

Yes

No

**Part V: FACILITY MAINTENANCE**

Please answer the following questions regarding FACILITY MAINTENANCE.

**Have you implemented a preventative maintenance program for your collection system?**

Yes

No

**Have you updated the collection system operations and maintenance manual within the past 5 years?**

Yes

No

**Do you have a written emergency response plan for sewer systems?**

Yes

No

**Do you have a written safety plan for sewer systems?**

Yes

No

**Is the entire collections system TV inspected at least every 5 years?**

Yes

No

**Is at least 85% of the collections system mapped in GIS?**

Yes

No

## Part VI: SSMP EVALUATION

Please answer the following questions regarding SSMP EVALUATION.

**Have you completed a Sewer System Management Plan (SSMP)?**

Yes

No

**Has the SSMP been adopted by the permittees governing body at a public meeting?**

Yes

No

**Has the completed SSMP been public noticed?**

Yes

No

**USMP Public Notice Date**

**Date of public notice?**

MM

10

/

DD

01

/

YYYY

2015

**Continue 1**

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

Yes

No

**What adjustments were made to the SSMP (i.e. line cleaning, CCTV inspections, manhole inspections, and/or SSO events)?**

N/A

**During 2024, was any part of the SSMP audited as part of the five year audit?**

Yes

No

**If yes, what part of the SSMP was audited and were changes made to the SSMP as a result of the audit?**

N/A

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

Yes

No

**Does the collection system have more than 2,000 connections?**

Yes

No

**Has a fats, oil, and grease (FOG) or fats, oil, sand, and grease program been developed by the collection system?**

Yes

No

## **Part VII: NARRATIVE EVALUATION**

Please answer the following questions regarding NARRATIVE EVALUATION.

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

Santaquin City's sewer collection system was constructed in 1994 using concrete manholes and plastic piping. As a result, we experience very little inflow and infiltration (I&I). Manholes are inspected every two years, and the entire system is cleaned and video inspected on a seven-year rotation. Our main lift station was originally constructed in 2007 and underwent a major upgrade in 2013 when our new mechanical plant came online. We are currently under contract with a contractor to further upgrade the main lift station. The improvements will include the addition of a submersible pump, a dedicated building for electrical equipment, a new flow meter, enhanced bypass pumping capabilities, new check valves, and jib cranes to assist with pump removal and maintenance.

**What sewerage system capital improvements does the utility need to implement in the next 10 years?**

Install 18" Sewer Main Along Strawberry Canal Road from 400 East to 100 East. Install 10" & 15" Pipe along 400 East from 530 North to Strawberry Canal Road and Remove Pipe on 530 North. Install 8" Sewer Main from west to 14400 South (county) and Summit Ridge Parkway. Install 8" Sewer Main along Center Street from 100 South to Manhole at 70 South.

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

Occasionally, we observe the presence of fats, oils, and grease (FOG) in our collection system; however, this issue has been improving. We have been working proactively with local businesses to ensure their grease separators are cleaned on a predetermined schedule. In addition, we conduct inspections of these separators and notify owners when cleaning is needed. These efforts have made a significant positive impact on both our collection system and the headworks at the treatment plant.

**Is your utility currently preparing or updating its capital facilities plan?**

Yes

No

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

100%

Partially

Does not pay

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

Yes

No

**Do you have any additional comments?**

N/A

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

True



False

## Wastewater Treatment Options

You have either just completed or just bypassed questions about a Collection System. If this section was bypassed by mistake, in the next question you will have the option to return to the questions on a Collection System. If you are good with the progress up to now, next you will determine what kind of Wastewater Treatment you have, or you can choose NO Wastewater Treatment.

**What kind of wastewater treatment do you have in your wastewater treatment system?**

Mechanical Plant

Discharging Lagoon

Non-Discharging Lagoon

No Treatment of Wastewater

Collections (go back to Collections)

## Mechanical Plant

**Form completed by [name]?**

The person completing this form may receive Continuing Education Units (CEUs).

Jason Callaway

### Part I: INFLUENT INFORMATION

Please answer the following questions regarding INFLUENT INFORMATION.

**What is the design basis or rated capacity for average daily flow in MGD?**

1.0

**What is the design basis or rated capacity for average daily BOD loading in lb/day?**

2085

**What is the design basis or rated capacity for average daily TSS loading in lb/day?**

2085

**What was the 2024 average daily flow in MGD?**

.927

**What was the 2024 average daily loading for BOD in lb/day?**

1391

**What was the 2024 average daily loading for TSS in lb/day?**

2783

**What is the percent of capacity used by the 2024 average daily flow?**

92.7%

**What is the percent of capacity used by the 2024 average daily BOD load?**

66.7%

**What is the percent of capacity used by the 2024 average daily TSS?**

133%

**Part II: EFFLUENT INFORMATION**

Please answer the following questions regarding EFFLUENT INFORMATION.

**How many Notices of Violations (NOVs) did you receive for this facility in 2024?**

0

**How many days in the past year was there a bypass or overflow of wastewater at the facility due to high flows?**

0

**Part III: FACILITY AGE**

Please answer the following questions regarding FACILITY AGE.

**In what year was your HEADWORKS evaluated?**

2023

**In what year was your HEADWORKS most recently constructed, upgraded, or renewed?**

2013

**What is the age of your HEADWORKS?**

11

**In what year was your PRIMARY TREATMENT evaluated?**

2023

**In what year was your PRIMARY TREATMENT constructed, upgraded or renewed?**

2013

**What is the age of your PRIMARY TREATMENT?**

11

**In what year was your SECONDARY TREATMENT evaluated?**

2023

**In what year was your SECONDARY TREATMENT constructed, upgraded or renewed?**

2013

**What is the age of your SECONDARY TREATMENT?**

11

**In what year was your TERTIARY TREATMENT evaluated?**

2023

**In what year was your TERTIARY TREATMENT constructed, upgraded or renewed?**

2019

**What is the age of your TERTIARY TREATMENT?**

11

**In what year was your DISINFECTION evaluated?**

2023

**In what year was your DISINFECTION constructed, upgraded or renewed?**

2013

**What is the age of your DISINFECTION?**

11

**In what year was your SOLIDS HANDLING evaluated?**

2023

**In what year was your SOLIDS HANDLING constructed, upgraded or renewed?**

2019

**What is the age of your SOLIDS HANDLING?**

11

**In what year was your LAND APPLICATION/DISPOSAL evaluated?**

2023

**In what year was your LAND APPLICATION/DISPOSAL constructed, upgraded or renewed?**

2013

**What is the age of your LAND APPLICATION/DISPOSAL?**

Dispose solids in Payson City Landfill

#### Part IV: DISCHARGES

Please answer the following questions regarding DISCHARGES.

**How many days in the last year was there a bypass or overflow of wastewater at the facility due to equipment failure?**

0

#### Part V: BIOSOLIDS HANDLING

Please answer the following questions regarding BIOSOLIDS HANDLING.

**Biosolids disposal (check all that apply)**

☒ Landfill

Land Application

Give Away/Other Distribution

#### Part VI: NEW DEVELOPMENT

Please answer the following questions regarding NEW DEVELOPMENT.

**Number of new commercial/industrial connections in the last year?**

1

**Number of new residential sewer connectins added in the last year?**

305

**Equivalent residential connections served?**

5283

#### Part VII: OPERATOR CERTIFICATION

**How many treatment system operators do you employ?**

3

**State of Utah Administrative Rules requires all public system operators considered to be in Direct Responsible Charge (DRC) to be appropriately certified at leaset at the Facility's Grade. List the designated Chief Operator/DRC for the Collection System by: First and Last Name, Grade, and email.**

Grades: SLS17-1, Grade I, Grade II, Grade III, and Grade IV.

Gregg Hiatt. Grade IV Treatment

**Please list all other wastewater treatment system operators with DRC responsibilities in the field, by name and certification grade. Please separate names and certification grade for each operator by commas.**

Grades: SLS17-1, Grade I, Grade II, Grade III, and Grade IV.

Jason Callaway, Grade IV Treatment

**Please list all other wastewater treatment operators by name and certification grade.**

**Please separate names and certification grades for each operator by commas.**

Grades: SLS17-1, Grade I, Grade II, Grade III, and Grade IV.

Pat Hatfield, Grade I Treatment

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

Yes

No

### **Part VIII: FACILITY MAINTENANCE**

Please answer the following questions regarding FACILITY MAINTENANCE.

**Have you implemented a written preventative maintenance program for your treatment system?**

Yes

No

**Have you updated the treatment system operations and maintenance manual within the past 5 years?**

Yes

No

**Please identify (below) the types of treatment equipment and processes installed at your facility.**

Indicate as many as you need.



Screens

Grit Removal

Primary Clarifier

Imhoff Tanks

Fixed Film Reactor



Activated Sludge

Aerobic Suspended Growth Variations

Anaerobic Suspended Growth Variations

Physical-Chemical Systems for Organic Removal w/o Secondary Treatment

## Physical-Chemical Systems for Organic Removal Following Secondary Treatment

### ☒ Membrane Filtration

Suspended-Growth Nitrification and Denitrification

Air Stripping

Phosphorus Removal - Chemical

Phosphorus Removal - Biological

Ion Exchange

Reverse Osmosis

Media Filtration

Dissolved Air Flotation

Micro Screens

Chlorine Disinfection

### ☒ UV Disinfection

### ☒ Effluent Use/Reuse

**To the best of my knowledge, the Mechanical Plant section is completed and accurate.**

True

False

## Adopt & Sign

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

True

False

**Has this been adopted by the Council? \***

yes

No

**Not Adopted by Council**

**What date will it be presented to the Council? \***

MM

04

/

DD

15

/

YYYY

2025

**End of Survey**