Chuck Gillette

From: Google Forms <forms-receipts-noreply@google.com>
Sent: Thursday, July 25, 2024 10:33 AM
To: Chuck Gillette
Subject: Full MWPP Survey - 2024

Google Forms

Thanks for filling out Full MWPP Survey - 2024

Here's what was received.

Edit response

Full MWPP Survey - 2024

Municipal Wastewater Planning Program survey for 2024.

Email *

cgillette@ivins.com

Section I: General Information

Name of the Facility? *

Ivins City

What is the name of the person responsible for this organization?

*

Charles Gillette

What is the title of the person responsible for this organization? *

Public Works Director/City Engineer

What is the email Address for the person responsible for this organization? *

cgillette@ivins.com

What is the phone number for the person responsible for this organization? *

435-634-0689

Facility Location? *

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

85 N Main St, Ivins, Utah 84738

Federal Facility Section

Are you a federal facility?

A federal facility is a military base, a national park, a facility associated with the forest service, etc.

Yes

No

Financial Evaluation Section

This form is completed by [name]? *

Charles Gillette

Part I: GENERAL QUESTIONS

Please answer the following questions regarding GENERAL QUESTIONS.

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

- Yes
- No

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

- Yes
- No

Are Debt Service Reserve Fund requirements being met?

- Yes
- No

Where are sewer revenues maintained?

- General Fund
- ☑ Combined Utilities Fund
- Other

What was the average annual User Charge for 2023?

If there is more than one rate divide the total municipal yearly User Charge collected, by the total number of connections.

30.63

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

Yes

No

Part II: OPERATING REVENUES AND RESERVES

Please answer the following questions regarding OPERATING REVENUES AND RESERVES.

Are property taxes or other assessments applied to the sewer systems?

Yes

No

Revenue from these taxes =

0

Are sewer revenues sufficient to cover operations & maintenance costs, and repair & replacement costs (OM&R) at this time?

Yes

No

Are projected sewer revenues sufficient to cover operation, maintenance, and repair (OM&R) costs for the next five years?

Yes

No

Does the sewer system have sufficient staff to provide proper OM&R?

Yes

No

Has a repair and replacement sinking fund been established for the sewer system?

Yes

No

Is the repair & replacement sinking fund sufficient to meet anticipated needs?

Yes

No

Part III: Capital Improvements, Revenues and Reserves.

Please answer the following questions regarding Capital Improvements, Revenues and Reserves.

Are sewer revenues sufficient to cover all costs of current capital improvements projects?

Yes

No

Has a Capital Improvements Reserve Fund been established to provide for anticipated capital improvement projects?

Yes

No

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

Yes

No

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

Yes

No

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

Yes

No

Part IV: FISCAL SUSTAINABILITY REVIEW

Please answer the following questions regarding FISCAL SUSTAINABILITY REVIEW.

Have you completed a rate study within the last five years?

Yes

No

Do you charge Impact fees?

Yes

No

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

551.61

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?

Yes

No

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

Yes

No

In what year was the Capital Facility Plan last updated?

2024

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

Yes

No

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

Yes

No

Replacement Cost =

$101,000,000

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

Yes

No

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

1.25 of 60% Rehab/40% Replacement Cost

Describe the Asset Management System.

Check all that apply

Spreadsheet

☑ GIS

Accouting Software

Specialized Software

Please answer the following: - 2023 Capital Assets Cumulative Depreciation?

353,231

Please answer the following: - 2023 Capital Assets Book Value?

Book Value = total cost - accumulated depreciation

8,052,140

Part V: PROJECTED CAPITAL INVESTMENT COSTS

Please answer the following questions regarding PROJECTED CAPITAL INVESTMENT COSTS.

Cost of projected capital improvements - Please enter a valid numerical value. - 2023?

48,952

Cost of projected capital improvements - Please enter a valid numerical value. - 2024 through 2028?

5,553,000

Cost of projected capital improvements - Please enter a valid numerical value. - 2029 through 2033?

0

Cost of projected capital improvements - Please enter a valid numerical value. - 2034 through 2038?

3,498,000

Cost of projected capital improvements - Please enter a valid numerical value. - 2039 through 2043?

0

Purpose of Capital Improvements - 2023?

Check all that apply.

- [x] Replace/Restore
- [ ] New Technology
- [ ] Increased Capacity

Purpose of projected Capital Improvements - 2024 through 2028?

Check all that apply.

- [ ] Replace/Restore
- [ ] New Technology
- [x] Increased Capacity

Purpose of projected Capital Improvements - 2029 through 2033?

Check all that apply.

- [x] Replace/Restore
- [ ] New Technology
- [ ] Increased Capacity

Purpose of projected Capital Improvements - 2034 through 2038?

Check alll that apply.

- [ ] Replace/Restore
- [ ] New Technology
- [x] Increased Capacity

Purpose of projected Capital Improvements from 2039 through 2043?

Check all that apply.

- [x] Replace/Restore
- [ ] New Technology
- [ ] Increased Capacity

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

- [ ] True
- [ ] False

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 and we will contact you as soon as possible. You may also visit our Frequently Asked Questions page.

Do you have a collection system?

The answer to this question is obvious in most cases, but for clarification, some wastewater systems consist of only wastewater collections (answer Yes). Some wastewater systems do not have a collection system but receive wastewater from separate collection system jurisdictions (answer No). Some wastewater systems have treatment and collections and consider their entire system as one entity (answer Yes). Some wastewater systems have treatment and collections, but consider their collections a

separate entity from treatment (answer No). If you have treatment but have an independent collection system and you answered "No," you must enter your collection system separately as an independent response to the survey.

Yes

No

Collection System

The collection of wastewater in a system of pipes and possibly pump stations that deliver wastewater to a treatment system that may or may not be independent of the treatment system.

This form is completed by [name]?

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

Charles Gillette

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.

15

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.

71.9

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

1

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

Please enter the design capacity in gpm.

250

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)?

1990

In what year was the largest diameter sewer pipe in the collection system constructed, replaced or renewed?

If more than one, cite the oldest.

1990

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

What is the number of Class 1 SSOs in Calendar year 2023?

0

What is the number of Class 2 SSOs in Calendar year 2023?

0

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

NA

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

NA

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 2023?

9

What is the number of new residential sewer connections added in 2023?

102

How many equivalent residential connections are served?

4588

Part IV: OPERATOR CERTIFICATION

Please answer the following questions regarding OPERATOR CERTIFICATION.

How many collection system operators do you employ?

9

What is the approximate population served?

9589

State of Utah Administrative Rules require all public system chief operators considered to be in Direct Responsible Charge (DRC) to be appropriately certified at no less than the Facility's Grade. List the designated Chief Operator/DRC for the Collection System by: First and Last Name, Grade, and email.
Grades: Grade I, Grade II, Grade III, and Grade IV.

Charles Gillette, Grade IV, cgillette@ivinsutah.gov;

Please list all other Collection 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: Grade I, Grade II, Grade III, and Grade IV.

Shiloh Pentz Grade IV, Justin Davenport Grade IV, Matt Cooper Grade IV

Please list all other Collection System operators by name and certification grade. Please separate names and certification grades for each operator by commas.
Grades: Grade I, Grade II, Grade III, and Grade IV.

Tom Jorgensen Grade IV, Page Bowler Grade IV, Travis Gubler 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 permittee's governing body at a public meeting?

Yes

No

Has the completed SSMP been public noticed?

Yes

No

SSMP Public Notice Date

Date of public notice?

MM 01 / DD 21 / 18

YYYY

2016

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)?

NA

During 2023, 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?

NA

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

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)

Overall condition is described as good to fair. No part of the system is older than 33 years. We annually inspect every pipe in the system each year with the Sewer RAT that uses sonic testing.

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

2026 Tuacahn Wash Sewer Tranmission Line Upsize, $3.8 Million, 2025 Old Highway 91 Sewer Line Extension and Sewer Lift Station, $2.7 Million, 2025 Public Works Yard Relocation, $6M, (25% funded by Sewer Fund)

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

None

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?

We do not fund the the capital improvement fund at the full 2%. Considering the age of our system, and per our repair and replacement study, we are satisfied that 1.25% is sufficent. We do not video inspect the sewer every 5 years, but we do budget to inspect at least 10% every year. With annual sonic inspections, we believe this is a sufficient level of oversight.

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

True

False

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 and we will contact you as soon as possible. You may also visit our Frequently Asked Questions page.

Wastewater Treatment Options

You have either just completed or just bypassed questions about a Collection System. This section (the questions below) determines the next set of questions that you will be presented based on the choice you make for treatment.

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

If you have treatment, you must choose from Mechanical Plant, Discharging Lagoon, or Non-Discharging Lagoon. If you don't have treatment then choose "No Treatment." Choose only one answer.

Mechanical Plant

Discharging Lagoon

Non-Discharging Lagoon

No Treatment of Wastewater

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 City Council or District Board? *

yes

No

Not Adopted by Council

What date will it be presented to the City Council or District Board? *

MM

08

/

DD

01

/

YYYY

2024

End of Survey

This is the end of the survey. Please make sure you have submitted your responses for each section. Thank you for your participation.

Create your own Google Form
Report Abuse