



Mountain Green Sewer ID <manager@mgsid.com>

Full MWPP Survey - 2024

1 message

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To: manager@mgsid.com

Thu, Feb 8, 2024 at 12:21 PM

Google Forms

Thanks for filling out **Full MWPP Survey - 2024**

Here's what was received.

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Full MWPP Survey - 2024

Municipal Wastewater Planning Program survey for 2024.

Email *

manager@mgsid.com

Section I: General Information

Name of the Facility? *

Mountain Green Sewer

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

*

Jeremy Sorensen

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

Manager

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

manager@mgsid.com

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

8018763416

Facility Location? *

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

[5455 W Old Hwy rd, Morgan, UT 84050](https://www.google.com/maps/place/5455+W+Old+Hwy+rd,+Morgan,+UT+84050)

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]? *

Jeremy Sorensen

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.

600

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 =

60000

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) =

11795

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?

2020

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 =

30000000

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?

4.2

Describe the Asset Management System.

Check all that apply

Spreadsheet GIS Accounting Software Specialized Software

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

204000

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

Book Value = total cost - accumulated depreciation

8143486

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?

8,000,000

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

24,000,000

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

1000000

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

300000 30,000,000

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

8000000

Purpose of Capital Improvements - 2023?

Check all that apply.

- Replace/Restore
- New Technology
- Increased Capacity

Purpose of projected Capital Improvements - 2024 through 2028?

Check all that apply.

- Replace/Restore
- New Technology
- Increased Capacity

Purpose of projected Capital Improvements - 2029 through 2033?

Check all that apply.

- Replace/Restore
- New Technology
- Increased Capacity

Purpose of projected Capital Improvements - 2034 through 2038?

Check all that apply.

- Replace/Restore
- New Technology
- Increased Capacity

Purpose of projected Capital Improvements from 2039 through 2043?

Check all that apply.

- 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).

Jeremy Sorensen

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.

21

What is the average depth of the collection system?

Please enter the depth in feet.

9

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

Please enter the length in miles.

31

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.

2000

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)?

1989

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

If more than one, cite the oldest.

2009

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 1

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?

1

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

N/A Spring Runoff

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 2023?

0

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

30

How many equivalent residential connections are served?

1247

Part IV: OPERATOR CERTIFICATION

Please answer the following questions regarding OPERATOR CERTIFICATION.

How many collection system operators do you employ?

2

What is the approximate population served?

4500

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.

Jeremy Sorensen, Grade II, manager@mgsid.com

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.

Jeremy Sorensen, Grade II, manager@mgsid.com

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.

Nate Hadley, 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 DD YYYY

04 / 02 / 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 2023, was any part of the SSMP audited as part of the five year audit?

Yes How is this done

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

Part VII: NARRATIVE EVALUATION

Please answer the following questions regarding NARRATIVE EVALUATION.

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

System is in good condition. Monte Verde lift station will be decommissioned this year with a new lift station put in place. Also building a new lift station to go with our new sewer facilities.

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

Line Upgrades Complete Plant Expansion

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

Inflow and infiltration

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?

None

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

Discharging Lagoon

This form is completed by [name]?

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

Jeremy Sorensen

Part I: Influent Information

Please answer the following questions regarding INFLUENT into your lagoon.

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

.61

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

1150

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

1526

What was the 2023 average daily flow in MGD?

.2678

What was the 2023 average daily loading for BOD in lb/day?

1259

What was the 2023 average daily loading for TSS in lb/day?

928

What is the percent of capacity used by the 2023 average daily flow?

44

What is the percent of capacity used by the 2023 average daily BOD load?

1094

What is the percent of capacity used by the 2023 average daily TSS?

.61

Part II: EFFLUENT INFORMATION.

Please answer the following questions regarding EFFLUENT.

How many notices of violation (NOV)s did you receive for this facility in 2023?

1

Part III: DISCHARGES

Please answer the following questions regarding DISCHARGES.

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

1

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

0

Part IV: FACILITY AGE

Please answer the following questions about FACILITY AGE. If your plant does not have the treatment unit please enter N/A.

In what year was your HEADWORKS evaluated?

2022

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

2008

What is the age of your HEADWORKS?

15

In what year was your LAGOON evaluated?

2022

In what year was your LAGOONS (including aeration) most recently constructed, upgraded, or renewed?

2008

What is the age of your LAGOONS (including aeration)?

15

In what year was your DISINFECTION SYSTEM evaluated?

2022

In what year was your DISINFECTION SYSTEM most recently constructed, upgraded, or renewed?

2008

What is the age of your DISINFECTION SYSTEM?

15

In what year was your LAND APPLICATION/DISPOSAL evaluated?

N/A

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

1989

What is the age of your LAND APPLICATION/DISPOSAL?

33

Part V: NEW DEVELOPMENT

Please answer the following questions regarding NEW DEVELOPMENT.

How many commercial/industrial connections were added in 2023?

0

How many residential sewer connections were added in 2023?

47 30

How many equivalent residential connections did you serve in 2023?

1247

Part VI: OPERATOR CERTIFICATION

Please answer the following questions regarding OPERATOR CERTIFICATION

How many treatment operators do you employ?

4

Utah administrative rules require all public system chief operators with Direct Responsible Charge (DRC) to be appropriately certified at no less than the facility's grade. Please list the designated Chief Operator/DRC for the Wastewater Treatment system below. Please give their first and last name, grade level, and email address.

Grades: Grade I, Grade II, Grade III, and Grade IV.

Larry Hall SR, IV, larryh@aquaviron.com

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: Grade I, Grade II, Grade III, and Grade IV.

.....

Please list all other Wastewater Treatment 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. Include operators with no certification.

Gordon Hatt, Daniel Ramsay, Keith Hanson

Is/are all your DRC operators currently certified at the appropriate grade level for this facility?

Yes

No

Part VII: FACILITY MAINTENANCE

Please answer the following questions regarding FACILITY MAINTENANCE.

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

Yes

No

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

Yes

No

Identify the types of treatment units at your facility.

Screening

Grit Removal

- Lagoon Variations
- Phosphorous Treatments
- Chlorine Disinfection
- UV Disinfection
- Land Application/Disposal

To the best of my knowledge I certify the discharging lagoon portion of the MWPP survey to be correct and accurate.

- True
- False

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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 DD YYYY

03 / 06 / 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.

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