

*Municipal Wastewater Planning Program (MWPP)
Annual Report
for the year ending 2019
GRANGER-HUNTER IMP. DIST.*

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, 2020

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:	GRANGER-HUNTER IMP. DIST.
Contact - First Name:	Ricky
Contact - Last Name:	Necaise
Contact - Title	Dir. of Wastewater Systems

Contact - Phone:	801-955-2236
Contact - Email:	r.necaise@ghid.org

Is this information above complete and correct?

Yes

No

Your wastewater system is described as Collection & Financial:

Classification: COLLECTION

Grade: IV

(if applicable)

Classification: -

Grade: -

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 & 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	kcoleman@ghid.org	Kim Coleman	Financial portion of the MWPP Annual Report for 2019.
Collection System	r.necaise@ghid.org	Ricky Necaise	
Review, sign and submit	r.necaise@ghid.org	Ricky Necaise	

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:

Kim Coleman

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?

Yes

No

Are Debt Service Reserve Fund⁶ requirements being met?

What was the User Charge¹⁶ for 2019?

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

Yes

No

Part II: OPERATING REVENUES AND RESERVES

Are property taxes or other assessments applied to the sewer systems¹⁵?

Yes

No

2019 Revenue from these taxes =

Yes

No

Yes No

Are sewer revenues¹⁴ sufficient to cover operations & maintenance costs⁹, and repair & replacement costs¹² (OM&R) at this time?

Are projected sewer revenues sufficient to cover OM&R costs for the *next five years*?

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

Has a repair and replacement sinking fund¹³ been established for the sewer system?

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

Part III: CAPITAL IMPROVEMENTS REVENUES AND RESERVES

Yes No

Are sewer revenues sufficient to cover all costs of current capital improvements³ projects?

Has a Capital Improvements Reserve Fund⁴ been established to provide for anticipated capital improvement projects?

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

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 Study¹¹ within the last five years?

Yes

No

Do you charge Impact fees⁸?

2019 Impact Fee =

290,373

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 Operations¹⁰?

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

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

Yes

No

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?

2019 Replacement Cost =

400 - 500 Million

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?

.54

Part V: PROJECTED CAPITAL INVESTMENT COSTS

Cost of projected capital improvements

Cost	Purpose of Improvements		
Please enter a valid	Replace/Restore	New	Increase

	numerical value Cost	Replace/Restore	Technology	Capacity
2020	6,820,000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Please enter a valid numerical value	Replace/Restore	New Technology	Increase Capacity
2020 thru 2024	33,242,503	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2025 thru 2029	34,315,000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2030 thru 2034	38,500,000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2035 thru 2039	42,350,000	<input checked="" type="checkbox"/>	<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).*
- 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)

Ricky Ncaise

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

48 inches

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

10.16 feet

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

304 miles

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

13

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

15,000 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)?

1958

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

1998

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)?

3

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: 2019

Number

Number of Class 1 SSOs in Calendar year

1

Number of Class 2 SSOs in Calendar year

2

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

1 - The SSO was caused by the shutting down of a pump station to allow for a repair/replacement to be done to the sewer line that feeds the treatment plant. It needed to be shut down longer than expected and we were notified that 2 commercial connections had sewage back-up into their bathroom area. The problem was remedied quickly and the pump station was turned back on and caught up before any further damage was done. Both customers worked with our Risk Management team to help clean up the spill. 2- A pump station had a failure and before it could be repaired, sewage leaked out of the lowest manhole that was effected by this stations. There was an estimated 50-150 gallons spilled out of the manhole. The sewage spill was cleaned up and disinfected immediately following the repair to the pump station. 3- After bypassing a pump station for maintenance, the bypass valve was left partially open when the pump station was returned to service. This allowed for a manhole to be filled up and overflowed onto a concrete pad. An estimated 300 - 400 gallons was spilled onto the concrete pad. Crews responded to the spill, shut down the bypass valve, and cleaned and disinfected the affected area.

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

N/A

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?

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

9

Number of new residential sewer connections added in the last year

38

Equivalent residential connections⁷ served

44,652

Part IV: OPERATOR CERTIFICATION

How many collection system operators do you employ?

30

Approximate population served

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	Ricky Necaise	IV	r.necaise@ghid.org

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

	Name separate by comma
SLS ¹⁷ Grade I:	
Collection Grade I:	
Collection Grade II:	
Collection Grade III:	
Collection Grade IV:	Troy Belliston, Kyle Dean

List all other Collection System operators by certification grade, separate names by commas:

	Name separate by comma
SLS ¹⁷ Grade I:	
Collection Grade I:	

Collection Grade II:	Name
Collection Grade III:	separate by comma
Collection Grade IV:	Levi Allred, Ian Bailey, Damien Blevins, Stephen Clark, Shawn Ellis, Nathan Farrer, Dustin Kemp, Michelle Ketchum, Bruce Loveland, Todd Marti, Dalin Martin, Ryan Michaelson, Dustin Mills, David Moeakiola, Aaron Perry, Ryan Perry, Victor Narteh, Brett Beck, Charles Casias, Joseph Carlson, David York, Riley Beason, Brody Lauer, Andrew Ovard, Brock Rezac, Andrew Warr, Mark Wilhelmsen,
No Current Collection Certification:	

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 checked="" type="radio"/>	<input type="radio"/>
Have you updated the collection system operations and maintenance manual within the past 5 years?	<input checked="" type="radio"/>	<input type="radio"/>
Do you have a written emergency response plan for sewer systems?	<input checked="" type="radio"/>	<input type="radio"/>
Do you have a written safety plan for sewer systems?	<input checked="" type="radio"/>	<input type="radio"/>
Is the entire collections system TV inspected at least every 5 years?	<input type="radio"/>	<input checked="" type="radio"/>
Is at least 85% of the collections system mapped in GIS?	<input checked="" type="radio"/>	<input type="radio"/>

Part VI: SSMP EVALUATION

Yes

No

Has your system completed a Sewer System Management Plan (SSMP)?

Has the SSMP been adopted by the permittee's governing body at a public meeting?

Has the completed SSMP been public noticed?

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

Date of Public Notice

09/16/2014

During 2019, 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 District had 13 Lift Stations (12 as of December); six of those station are over twenty years old since installation or having major upgrades. One of those pump stations was eliminated from service and gravity sewer was installed in its place. There are some pipelines that are over 50 years old since the original installation. An extensive Wastewater Master Plan Study was competed in January 2016.

What sewerage system capital improvements³ does the utility need to implement in the next 10 years?

The District has a rehabilitation program that includes annual rehabilitation projects for the sewer pipelines. There are also plans for some upgrades and or replacements of lift stations and other collection system improvements identified in the Wastewater Master Plan Study. One of the Lift Stations that is over 20 years old has been identified as a project for improvement or replacement in the upcoming budget. A plan to complete a new Wastewater master plan study is expected for 2021.

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

Sewer line repairs after being bored through by contractors, and pump repairs and replacements at multiple lift stations.

Is your utility currently preparing or updating its capital facilities plan²?

- Yes
- No

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

100% Covered

- 100% covered
- Partially cover
- Does not pay

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

- Yes
- No

This is the end of the Collections System questions

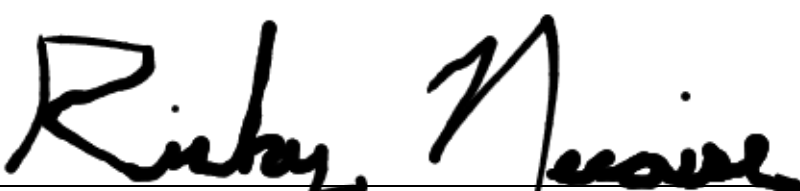
To the best of my knowledge, the Collections System section is completed and accurate.

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.

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


× Ricky Nease

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?

Date format ex. mm/dd/yyyy

03/24/2020

Please log in.

Email

r.necaise@ghid.org

PIN

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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 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 and we will contact you as soon as possible. You may also visit our [Frequently Asked Questions](#) page.