

THE BOARD OF TRUSTEES OF THE GRANGER-HUNTER IMPROVEMENT DISTRICT

PUBLIC NOTICE is hereby given by the Board of Trustees that Granger-Hunter Improvement District will hold a Board Meeting at 3:00 p.m. on Tuesday, November 17, 2020, at its main office located at 2888 South 3600 West, West Valley City, Utah. Trustees and members of the public are able to attend this meeting in person or electronically.

Agenda

A. GENERAL

1. Call to order – Welcome – Report those present for the record
2. Public Comments
3. Consider approval of the October 13, 2020 Board Meeting Minutes
4. Discuss potential conflicts of interest

B. INFORMATIONAL PRESENTATION

1. Review, discuss & consider approval of the 2021 Tentative Budget.
2. Consider the date for the Public Hearing on the 2021 Tentative Budget.

C. MANAGEMENT TEAM REPORTS

1. JVVCD update
2. CVWRF update
3. Water Supply update
4. Staffing update
5. COVID update
6. AWWA IMS Operator of the Year Award

D. FINANCIAL REPORT

1. Consider Approval of Resolution 11-17-20.1 AMENDING THE TRUSTEES OF THE GRANGER-HUNTER IMPROVEMENT DISTRICT 401K PROFIT SHARING PLAN and consider authorizing the Chairperson and District Clerk to sign a Letter of Authorization instructing Wells Fargo Advisors to make the Trustee Change.
2. Consider Approval of Resolution 11-17-20.2 AMENDING THE SIGNERS OF THE GRANGER-HUNTER IMPROVEMENT DISTRICT PTIF CERTIFICATION OF AUTHORIZED INDIVIDUALS and consider authorizing the General Manager to sign a Public Entity Resolution form instructing the Office of the State Treasurer to make the change.
3. Review & discuss Financial Report for October 2020
4. Review & discuss Paid Invoice Report for October 2020

E. CAPITAL PROJECTS & ENGINEERING REPORTS

1. Capital Projects update
2. Engineering Department updates

F. MAINTENANCE REPORTS

1. Wastewater maintenance update
2. Water maintenance update
3. Administrative Update
4. Consider Adoption of Resolution 11-17-20.3 Water Conservation Plan Update - 2020

G. BOARD MEMBERS INPUT, REPORTS, FOLLOW-UP ITEMS OR QUESTIONS

J. CALENDAR

1. The next board meeting will be December 15, 2020

**MINUTES OF THE
GRANGER-HUNTER IMPROVEMENT DISTRICT
BOARD MEETING**

The Meeting of the Board of Trustees of the Granger-Hunter Improvement District was held Tuesday, October 13, 2020, at 2:00 P.M. at the District office located at 2888 S. 3600 W., West Valley City, Utah.

This meeting was conducted electronically in accordance with the Utah Open and Public Meetings Act (Utah Code Ann. (1953) §§ 52-4-1 et seq.) and Chapter 7.12 of the Administrative Policy and Procedures Manual (“Electronic Meetings”).

Trustees Present:

Debra Armstrong	Chair
Corey Rushton	Trustee – <i>via telephone</i>
Russell Sanderson	Trustee – <i>via telephone</i>

Staff Members Present:

Jason Helm	General Manager
Kristy Johnson	Executive Assistant
Michelle Ketchum	Director of Administration
Dustin Martindale	Director of Water Systems
Ricky Necaize	Director of Wastewater
Todd Marti	Director of Engineering
Justin Gallegos	Director of Information Technology
Austin Ballard	Controller

Guests:

Brent Rose	Legal Counsel – Clyde Snow & Sessions PC
------------	--

(Electronically):

Adam Spackman	System Administrator, Granger-Hunter Improvement District
Teresa Higgs	Customer Service Representative, Granger-Hunter Improvement District
Idanely Orosco	Customer Service Representative, Granger-Hunter Improvement District
Debra Harvey	Customer Service Representative, Granger-Hunter Improvement District
Brooke Petersen	Customer Service Representative, Granger-Hunter Improvement District

A copy of the exhibits referred to in these minutes is attached and incorporated by this reference. The exhibits are also included in the official minute books maintained by Granger-Hunter Improvement District.

CALL TO ORDER

At 2:00 P.M. Debra Armstrong called the meeting to order and recognized all those present.

**Approval of the
August 6, August 18,
September 1,
September 3 and
September 15, 2020
Board Meeting Minutes**

A motion to approve the Board Meeting Minutes from August 6, 2020, was made by Russell Sanderson, followed by a second from Debra Armstrong.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

A motion to approve the Board Meeting Minutes from August 18, 2020, was made by Russell Sanderson, followed by a second from Debra Armstrong.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

A motion to approve the Board Meeting Minutes from September 1, 2020, was made by Russell Sanderson, followed by a second from Debra Armstrong.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

A motion to approve the Board Meeting Minutes from September 3, 2020, was made by Russell Sanderson, followed by a second from Debra Armstrong.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

A motion to approve the Board Meeting Minutes from September 15, 2020, was made by Russell Sanderson, followed by a second from Debra Armstrong.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

Conflicts of interest

There were none.

**MANAGEMENT
TEAM REPORTS
RGWTP Project
Progress Update**

Todd Marti presented an update on the Rushton Groundwater Treatment Plant Project (RGWTP). Corey Rushton asked about the easements on the property and fence options for security of the property. Mr. Marti explained that discussions have taken place with West Valley City and Salt Lake County, however, COVID-19 has put many discussions and plans on hold. Mr. Marti presented preliminary building plans. – See RGWTP Progress Update report attached to these minutes for details.

Strategic Plan

Jason Helm discussed the working draft of the 2020 Strategic Plan. Mr. Helm explained that the plan has been reviewed and some minimal changes have been recommended. Corey Rushton explained that the Strategic Plan incapsulates some of the direction and goals that the Board would like to see for the District and how progress will be measured.

JVWCD Update

Mr. Helm briefly discussed the Jordan Valley Water Conservancy District (JVWCD) consumption reports. Corey Rushton discussed the JVWCD reports and asked that a report be included in future Board reports which shows District projections and progress. – See JVWCD Update attached to these minutes for details.

Review 2021 Board Meeting Schedule Calendar

Mr. Helm presented the 2021 Board Meeting calendar for review with tentative Board meeting dates. Corey Rushton discussed the possibility of having a meeting scheduled for July in case there are items to be approved or discussed within a Board meeting. Mr. Helm tentatively set July 20th.

CVWRF Update

Mr. Helm gave an update on a Central Valley Water Reclamation Facility (CVWRF) meter that has been showing high flow volume for the District since it was installed in January. After further investigation, it was discovered that the meter was not functioning properly. A meeting with CVWRF will take place on October 15, 2020, and Mr. Helm anticipates the overall contribution going down.

District Update – Staffing

Mr. Helm discussed the current staffing needs for the District. The Human Resource Manager position will be reopening soon. Four entry level positions were filled. Mr. Helm explained that Employers Council has assisted in the Assistant General Manager selection process.

**FINANCIAL REPORT
Fraud Risk Assessment**

Austin Ballard presented the Fraud Risk Assessment to the Board. Mr. Ballard explained that the State Auditor’s Office is requiring that all public entities conduct a Fraud Risk Assessment and present it to the Board for review annually. Mr. Ballard discussed the District’s Fraud Risk Assessment report. The District scored low on the risk level with a 335 out of 395. Corey Rushton inquired about record keeping for employee trainings and discussed a possible fraud hotline. Mr. Ballard explained that a 3rd party hotline would be necessary for anonymity. He also explained that the majority of the trainings are kept digitally for those with a CPA license. Jason Helm will verify that the Board training documents are on file. – See Fraud Risk Assessment attached to these minutes for details.

Review & Discuss Financial Report for September 2020

Mr. Ballard summarized the September 2020 Financial Report. Mr. Ballard explained the revenue is tracking pretty close to normal for this time of year. The property tax revenue will come in during the next few months which will bring that percentage up. Mr. Ballard explained that water purchases from Jordan Valley Conservancy District are tracking right on budget. Expenses are tracking pretty close to normal as well. Russell Sanderson asked that Mr. Ballard explain the Utah Division of Water Quality (DWQ) bond debt service reserve requirement. Mr. Ballard explained the debt service reserve requirement that the District pays annually for the DWQ bond. Brent Rose mentioned that the debt

service reserve requirement is a standard throughout the bond industry. Mr. Ballard explained that the reserve fund is in place, to draw on in case the District isn't able to make a payment. During a preliminary budget meeting, Mr. Sanderson recommended that the District secure a letter of credit or guarantee from a bank to eliminate the debt service reserve requirement. Mr. Ballard explained that DWQ has agreed that as long as they receive yearly audited financial statements and a certified budget showing the funds have been earmarked for payment, the District will not have to fund that requirement. Mr. Rose suggested the contract be amended to reflect the new agreement or keep the exchanged emails attached to the contract. Mr. Rose asked to be added to the Board packet distribution list.

**Review & Discuss Paid
Invoice Report for
September 2020**

Mr. Ballard discussed the September check report which totaled \$5,067,306.83 coming from seven categories; Jordan Valley (36%), Central Valley (14%), taxes, payroll and benefits (10%), infrastructure (30%), computer supplies and equipment (2%), utilities (3%) and other (5%).

**CAPITAL PROJECTS
& ENGINEERING
REPORTS**

**Capital Projects Update
Engineering Department
Updates**

Todd Marti presented and briefly discussed the Capital Projects and Engineering Department reports. – See Engineering Summary attached to these minutes for details.

**MAINTENANCE
REPORT**

**Water Maintenance
Update**

Dustin Martindale presented the water systems report. – See Water Systems Board Report attached to these minutes for details.

**Wastewater
Maintenance Update**

Ricky Necaise presented the wastewater systems report. Mr. Necaise discussed the wastewater pump station maintenance. – See Wastewater Systems Report attached to these minutes for details.

Administrative Update

Michelle Ketchum presented the administrative report regarding the District's delinquent accounts. – See Administrative Report attached to these minutes for details.

ADJOURNED

Inasmuch as all agenda items have been satisfied, Debra Armstrong made a motion to adjourn the meeting. Following a second from Corey Rushton, the motion passed as follows and the meeting adjourned at 3:23 P.M.

Armstrong – aye

Rushton – aye

Sanderson – aye

Debra K. Armstrong, Chair

Austin Ballard, Clerk



To the Board of Trustees Granger-Hunter Improvement District

The Tentative 2021 budget for Granger-Hunter Improvement District (the District) has been prepared in accordance with the District's **vision**: *Improving quality of life today – creating a better tomorrow*, the District's **mission**: *Stewards of water that is delivered clean and safe for daily use and collected responsibly to protect public health and our environment* and supports the District's **strategic plan**. This budget narrative will provide an overview of the framework the District believes will help it to meet its objective.

Budget Process

The annual budget is created by the District's management. Directors each have a responsibility to submit their department budget for consideration and review by management. The needs of a department are weighed against the needs of all departments, and priorities are established. Budgets for personnel and capital projects are also prepared, and input is received from management and directors. The budget is then organized and presented to the Board for comment, input, additional prioritization of needs and approval. Once the budget is adopted, it becomes the framework for applying District resources in the best manner to meet the needs of the customer.

Prior to adoption of the budget, the following steps need to occur:

- The tentative budget is prepared and given to the Board on or before the first scheduled meeting in November (handed out on October 13th). The tentative budget (amended for any Board input) should then be adopted at the November 17th (3:00 p.m.) Board meeting.
- When the tentative budget is adopted, the Board will also establish the time and place of the public hearing to consider adoption of the final budget. The time and place can be the same as the regularly scheduled meeting in December, which currently is to be held on December 15th at 5:00 p.m. The public hearing for the budget typically would begin at 6:00 p.m., and the District proposes such for this year.
- If no fee, rate or tax increases are considered (as is the case for the coming year), the District must publish notice of the public hearing in the newspaper at least seven days prior to the hearing. If tax, rate or fee increases are to be considered, a quarter page ad must be placed in the paper two times in the two weeks prior to the meeting.

- The Board, by resolution, may adopt the budget following the public hearing. The budget must be adopted before the beginning of the New Year.

Economic Conditions and Budget Changes

The Utah economy in 2020 has been relatively volatile with a record setting seismic event and an unprecedented viral outbreak caused by COVID-19. COVID-19 will have a mixed impact on Utah's economy. Some indicators show a sizable swing from growth before COVID-19 to contraction due to the virus; others show a COVID-19 induced deceleration in growth despite the spread of virus, while others show that COVID-19 accelerates a decline already underway. Before COVID-19, Utah's gross domestic product (GDP) was forecast to grow by 5.9%, but after COVID-19 GDP shrinks by 5.4%, a swing of nearly \$16.0 billion. Utah's unemployment rate in 2020 will likely increase from the pre-COVID forecast of 2.7% to COVID forecast of 5.7%. It is anticipated that a strong job recovery drives the unemployment rate down to 3.9% in 2021. Personal income was originally forecast to increase by 5.6% pre-COVID, but recent economic forecast changes have reduced that increase by half to 2.8%. (*Research Brief July 2020 UofU – How COVID-19 Changed Utah's Economic Forecast*)

The Federal Reserve has adjusted the FedFunds, inter-bank lending, interest rate to 0.25%, a 2.0% decrease from a year ago in an attempt to keep the economy from entering into a prolonged recession. The Consumer Price Index (CPI-U) inflation rate for each of the past nine years, with a small exception in 2011, reflects the slow consistent trend as follows with the notable decline in 2020 due to COVID-19:

2011 = 3.2%
2012 = 2.1%
2013 = 1.5%
2014 = 1.6%
2015 = 0.1%
2016 = 1.3%
2017 = 2.1%
2018 = 2.4%
2019 = 2.3%
2020 = 1.3% (through August 2020)

The price of crude oil remained relatively low for most of the past few years, with September 2020 prices being 33% lower than the year prior. Due to COVID-19, the Middle East's efforts to keep prices low and drive out U.S. competition and the President's continued sanctions in the Middle East, it is very difficult to forecast whether or not oil prices will increase in the coming year. As a result, it's a challenge to know how much to budget for fuel, oil, PVC pipe, asphalt and other petroleum-based products which the District regularly uses. Utility rates for power and natural gas have remained relatively stable. However, the District's total operating costs related to these resources can fluctuate according to weather and demand and also due to continued experimentation with timing and the extent of utilizing wells, all of which affect the amount of water the District is pumping.

Central Valley Water Reclamation Facility (CVW) continues its very aggressive plant renovation and refurbishing, resulting in continued increases to the District's ongoing operations and maintenance costs and the District's debt service requirements. A significant portion of the facility will be refurbished or totally replaced over the next several years, as those components have reached the end of their useful life. This is driving up the budget items related to CVW, by nearly 41% in the coming year, which includes the District's share of the operating and capital costs. That is a substantial increase than the 3% budgeted increase of the prior year, due to increased debt service for the substantial plant refurbishment. Refurbishing the CVW facility and adding the required nutrient removal infrastructure is expected to cost about \$280.0 million which will be funded by bond principal and interest payments over the next 20-25 years. The first of several bonds was issued by CVW in 2016 with expectation of issuing a \$85.0 million bond in the middle of 2021, and another \$110.5 million over the next two years. With each debt issuance, the District will be responsible for making the principal and interest payments over the bond term, each with a term of 20 years. The District's share of bond payments in 2021 is anticipated to be just under \$4.4 million.

The District proposed total revenues for 2020 reflect a decrease of \$82k (0.2%) over the 2020 budget. In 2020 the District did not have any water or wastewater rate increases because Jordan Valley Water (JVW) lowered the District's rates for purchasing water by nearly 3% this year. The District anticipates JVW increasing their rates in the future, as this rate decrease is unsustainable due to JVW utilizing their reserves to fund the revenue shortfall this year. Although the District is not proposing any rate increases for this upcoming year, it is anticipated that a rate increase will be necessary in the upcoming 2022 budget, due to the result of historical consistent JVW rate increases and due to the construction at CVW and related increasing maintenance expenses.

There is no increase proposed in the property tax revenues for 2021.

Water and Sewer Impact Fees are expected to increase \$113k (44%), due to an increased level of new construction. As the available space for new construction diminishes, it is anticipated that impact fees will decrease in the future.

The District itself has a number of infrastructure projects to be completed in the near future to improve its efficiency and operations. The District is closely monitoring its funds for these projects, and in 2019 issued a \$20.0 million bond to facilitate expedited completion of certain water projects while smoothing the cost over a longer period. The bond was issued through the Federal SRF (state revolving fund) Loan Fund administered by the Utah Water Finance Agency (WFA) with an interest rate of 1.25%. The bond funds are to be utilized primarily over a four-year period. The 20-year amortization of the bonds requires annual payments of approximately \$1.2 million (principal and interest), with payments that began April 2020. As the work is performed on projects which qualify for use of bond funds, the District will pay the cost of such work and then obtain reimbursement from the bond funds held by WFA. As a result of this payment process, District cash will experience some up and down activity, but typically not for long periods of time.

Interest income is expected to decrease \$275k (52%), due to the reduction in interest rates caused by COVID-19.

With the majority of the surplus equipment sold, GHID does not anticipate the need to sell any of any large assets in 2021. Therefore, it is anticipated that sales of surplus equipment will be lower by \$19k (32%) from the previous budget.

Overall operating expenses are projected to increase \$3,142k (9.5%) in 2021, due to increases in CVW debt service \$2,406k, higher CVW Facility Operations and Project Betterments due to higher flow rates \$945k, outside services for a District master plan along with associated rate and impact fee studies \$250k and board of trustee elections \$75k, partially offset by reduced JVW rates \$293k and the reduction in salaries and wages \$135k. The District's contracted amount to purchase 18,500 acre feet of water from JVW has not changed from the previous budget. The District Salaries and Wages savings were due to expected vacancies in the CFO position and the consolidation of an assistant manager's position with the district engineer, partially offset by an average of 3% merit increases and a new Large Meter Foreman position added.

In addition to the above, the Non-Operating section of the budget indicates an increase of \$300k (3.9%) in the District's depreciation expense, due to the replacement of older assets already depreciated. Total debt service, which includes principal and interest payments, increases \$230k (27.3%), due to higher 2019 WFA bond principal payments.

Consideration of Rates

In 2018, the District implemented a tiered or "inclining block" water rate structure to encourage conservation efforts in accordance with a new law passed by the State of Utah. The District pays more to JVW for water it takes during the summer and high demand times or "peaks". The District also pumps more during certain seasons to meet those peaks, thereby incurring more cost. The tiered rate is intended to pass along those increased costs to the responsible parties who trigger the costs by their elevated level and timing of consumption. In 2019 the District implemented a 10% increase in tiered rates to catch up and try to keep up with JVW's rate increases and other costs of operations, including the significant infrastructure improvements and replacements and bonding already mentioned. The District did not increase the monthly Availability charge and has not done so since the \$1.00 (8.3%) increase in 2016. Although Granger-Hunter Improvement District already has met its mandated 25% reduction in per capita water consumption, it still must comply with the state regulations and continue using a tiered rate structure for water services.

The District recommends that there be no water rate increases in 2021. The 2021 tiered rate structure, based on monthly consumption, will continue as follows:

For all customers except Multi-Unit:

- 0 – 7,000 gallons = \$1.77 per 1,000 gallons
- 7,001 – 15,000 gallons = \$1.90 per 1,000 gallons
- All > 15,000 gallons = \$2.05 per 1,000 gallons

For Multi-Unit customers, the District applies a fixed rate of \$1.90 per 1,000 gallons.

In 2019, the District increased the monthly sewer charge by approximately 10.25% due to the significant increase in operating and debt service costs at CVW, anticipated infrastructure projects within the District, and normal inflation in other costs relating to sewer services provided by the District. Sewer surcharges (for commercial facilities, based on BODs and other measures) were increased by 10.0%. There is no sewer fee increase budgeted in 2021.

A broad summary of the bottom line impact of the 2021 proposed budget, as compared to the 2020 budget, is as follows:

Decrease in Total Revenues	\$ (82,200)	(0.2%)
Decrease in combined Payroll and Benefits	59,275	0.7%
Increase in combined CVW and O&M	(2,976,321)	(13.7%)
Increase in General & Administrative	(224,842)	(9.8%)
Increase in Vehicles & Equipment	(216,063)	(52.7%)
Increase in Debt Service (other than CVW)	<u>(229,984)</u>	(27.3%)
 Decrease in Net Revenues	 \$ <u>(3,670,135)</u>	 (67.9%)

Summary

As always, there are many variables that may cause actual results to differ from budgeted expectations. The District believes the 2021 proposed budget is very realistic considering those variables and the above-noted conditions.

The District continues to have a fiscally sound budget, enabling it to meet ongoing obligations and provide for capital projects. However, as noted there are significant capital items on the horizon, at both the District and the CVW facility. These will require that the District be meticulous and cautious in its planning in order to be proactive rather than reactive. The District continues to be in strong financial health, with very good infrastructure and excellent maintenance efforts. The District will continue to monitor the impacts of COVID-19 on the economy and on the local customer base. It has a robust long-term strategy and will adjust as necessary. The District exercises care in its stewardship over District resources and customer trust, and it searches for ways to control budgets while meeting customer needs.

If you have questions about any part of the proposed budget, please contact Jason or Austin.

Respectfully Submitted,

Jason Helm, PE
General Manager

Austin Ballard, CPA
Controller

PARAMETERS DETAILS FOR 2021 BUDGET PREPARATION

REVENUES

- **Metered Water Sales:** Water sales are budgeted to increase by \$156k or 0.8%, which represents minimal anticipated growth. The District proposes no rate increase this year. Historically the District has increase rates every other year, and 2021 was the year scheduled to have a rate increase. However, due to negative economic conditions caused by COVID-19, the District has decided to postpone rate increases for another year. The prior rate increase occurred in 2019 which resulted in an increase in Metered Water sales of \$1.8m in that year.
- **Sewer Service Charges:** Sewer revenues are budgeted to decrease by \$130k or 1.1% in 2021, due to 2020 anticipated sewer charges to fall short of 2020 budget because several customers were converted from a rate table to a fixed sewer rate.
- **Central Valley Assessment:** No increase is anticipated this year. This assessment, which started in 2017, was originally intended to cover the CVW refurbishing and replacement. Actual infrastructure costs at CVW have significantly increased due to the unusual rapid inflation in construction prices and lack of qualified contractors. It is anticipated that rising construction cost along with debt financing will dictate increases to the fee in the future.
- **Engineering/Connection/Inspection/Turn-on Fees:** An increase of \$1k (16.7%) is anticipated for the engineering fees, but this simply reflects moderate growth in new construction, due to high density housing. Connection, inspection and Turn-on Fees are expected to increase \$4k (17.6%), again representing moderate new construction growth in high density housing. The District expects that these fees will decline in the future due to lack of available space for new construction.
- **Property Tax Revenue:** Collections for property tax revenue is not anticipated to change in 2021. The RDA Tax Increment budget is also not anticipated to change. The District desires to keep property tax revenue stream consistent, which has allowed the certified rate to drop, as it functions inversely to growth. This provides a stronger position in the event the District may need more property tax revenues in the future and/or need to issue bonds. The District's property tax collections could further increase in the future when RDA's expire and that revenue returns to the District. No tax rate increase is budgeted for 2021, and as a result, the rate will adjust to "keep the District whole," depending on whether property values in increase or decrease.
- **Impact Fees:** Impact fees were adjusted in 2015, per the Lewis Young fee study, resulting in a slight increase in the Water Impact fee and a slight decrease in the Sewer Impact fee. Netted together, the change was nearly neutral. No fee change has occurred since that time. Due to anticipated growth in high density housing construction, the District is budgeting an increase of \$200k (44.4%) in total impact fees for 2021.
- **Interest Income:** Interest income is expected to decrease \$275k (52.4%), due to the Federal Reserve adjustments to interest rates, in an attempt to keep the economy from entering a prolonged recession.
- **Sale of Surplus Equipment:** Sale of Surplus Equipment revenues are expected to decrease by \$19k (32.2%), due to the lack of excess equipment to be sold.

- **Other Income:** Other income is comprised of the sale of surplus non-capital property and scrap metal, hydrant meter rentals, and other miscellaneous income. The district is not anticipating any changes in 2021.

EXPENSES

- **Payroll Wages**

- **Salaries & Wages:** Salaries and wages are expected to decrease \$135k (2.7%), due to expected vacancies in the CFO position and the consolidation of an assistant manager's position with the district engineer, partially offset by an average of 3% merit increases and a new Large Meter Forman position added.
- All other categories are not expected to significantly change in 2021.

- **Payroll Benefits**

- **State Retirement & 401K Plans:** State retirement & 401K plans are expected to decrease \$12k (0.8%), due to expected vacancies in the CFO position and the consolidation of an assistant manager's position with the district engineer, partially offset by an average of 3% merit increases and a new Large Meter Forman position added
- **Health & Dental Insurance:** Health and dental insurance is expected to increase \$84k (5%), due to increases in health insurance rates. Dental rates did not change from the previous year as there were enough dental reserves to absorb any rate increases. It is anticipated that the District will contribute \$3,000 to each employees' Health Savings Account.
- **Medicare:** Medicare is expected to decrease slightly as explained in Salaries & Wages.
- **Workers Compensation Insurance:** Workers Compensation Insurance is not expected to change in 2021. This continues to be stable as the District has continued to experience a very favorable claims experience rating (aka "e-mod") for a number of years.
- **Life/LTD/LTC Insurance:** Life/LTD/LTC Insurance is not expected to change this year.
- **State Unemployment:** State Unemployment is expected to increase \$5,000 (100%), due to the increase in the number of claims in 2020 due to COVID-19. With the uncertainty of the continued economic environment as a result of COVID-19, it is anticipated that the District will continue to see increases in unemployment claims in 2021.

- **Operations & Maintenance**

- **Repair & Replacement:** Repair and Replacement is expected to decrease \$16k (2.3%), due to reclassifying replacing channel grinders as capital, partially offset by repair supplies for large meters previously accounted for in the capital budget.

- **Building & Grounds:** Buildings & Grounds is not expected to change in 2021.
 - **Vehicles Maintenance & Fuel:** Vehicles Maintenance & Fuel is expected to decrease \$6k (3.2%), due to lower anticipated diesel and gasoline prices.
 - **Vehicle Lease:** Vehicle lease is expected to decrease \$29k (11.3%), due to the transitioning out of our current vehicle leases.
 - **Tools & Supplies:** Tools and Supplies are expected to increase \$16k (22.3%), due to the addition of a portable flow meter and odor logger. It is anticipated that there will be efficiencies gained with employee's time by having a portable flow meter.
 - **Water Purchases:** Water Purchases are expected to decrease \$293k (2.7%), due to lower rates from JVW. The District's water purchase commitment to Jordan Valley for 2021 will again be 18,500 acre feet.
 - **Treatment Chemicals:** Treatment Chemicals are not expected to change in 2021.
 - **Water Lab Testing Fees:** Water lab Testing Fees is expected to decrease \$10k (13.4%), due to reducing the scope of the District's flushing and swabbing program and fewer backflow testing and repair sites. As the new treatment plant comes online in 2023, it is anticipated that the flushing and swabbing program will need to be expanded as the efficacy of the program will increase.
 - **Utilities (Water & Wastewater):** Utilities is expected to decrease \$77k (7.8%), due to the efficient use of wells caused by fewer start stops than anticipated.
- **CVWRF**

The CVWRF budget will increase \$3.4 million (40.7%), due to CVW issuance of new bonds to finance ongoing infrastructure refurbishment and replacement \$2.4m (123.1%) and higher flow rates causing increases in Facility Operations and Project Betterments ("pay-go capital") \$945k. CVWRF is anticipating issuing an \$85.0 million bond during 2021 and another \$110.5 million in years 2022 and 2023.
- **General & Administrative**
 - **Office Supplies/Printing:** Office Supplies/Printing is expected to decrease \$6k (18.0%), due to needing fewer supplies.
 - **Postage & Mailing:** Postage and mailing is expected to decrease \$4k (2.5%), due to increased customer acceptance of e-bills rather than receiving paper copies.
 - **General Administrative:** General Administrative is expected to increase \$73k (119.4%), due to the anticipation of two board of trustee seats up for re-election.
 - **Computer Supplies/Equipment:** Computer Supplies/Equipment is expected to decrease \$23k (4.7%), due to lower consulting fees and fewer replacement parts and equipment.

- **General Insurance:** General Insurance is expected to decrease \$79k (18.0%), due to changing vendors from Olympus Insurance Company to Utah Local Trust.
- **Utilities (General & Administrative):** Utilities is not expected to have any changes in 2021.
- **Telephone:** Telephone is expected to decrease \$7k (5.5%), due to reclassing blue stake services to professional consulting, partially offset by an increase in costs for in the Interactive Voice Response service.
- **Training & Education:** Training and Education is expected to decrease \$36k (26.8%), due sending fewer employees to conferences and more conferences moving to an online format.
- **Safety:** Safety is expected to increase marginally by \$1k (2.5%).
- **Legal Fees:** Legal fees is expected to increase \$10k (22.7%), due to needing legal counsel to attend board meetings and utilizing legal counsel more on in-house matters.
- **Auditing Fees:** Auditing fees will not increase in 2021. The District awarded a contract with Keddington and Christensen CPAs in the amount of \$11k each year with an additional cost of \$1k for the single audit for the 2019 WFA bond issuance if the need arises. The contract covers auditing periods 2020-2024 (5 years).
- **Professional Consulting:** Professional Consulting will increase \$250k (256.7%), due to the need to develop a facilities master plan and corresponding rate and impact fee studies. It is industry standard to update the facilities master plan at least every five to ten years. The last rate and impact fee study was done in 2014.
- **Public Relations/Conservation:** Public Relations/Conservation is expected to increase \$44k (79.1%), due to increasing outside services to handle public information in relation to the planned rate and impact fee study.
- **Banking and Bonding:** Banking and Bonding is expected to increase marginally by \$2k (0.6%)
- **Administrative Contingency:** No change proposed from prior year. This budget amount is set aside for significant unexpected costs that may arise during the year. It may only be used following Board approval.

- **Vehicle & Equipment Purchases**

The following list is the vehicle and equipment the District proposes to purchase in 2021:

- Water Sampling Stations – 12 (ongoing) = \$11,700
- Fire Hydrant Meters – 4 (ongoing) = \$7,000
- Automatic Flusher for dead-end streets – 2 (Engineering) = \$4,000
- Cement Trailer – (Water) = \$26,000
- Combination Truck – (Wastewater) = \$450,000
- Two Sign Trailers with Metal Signs – for 2 crews (Wastewater) = \$30,000
- Leased vehicle buyback – (unit #3,7,16,22,32,33,37,38,50,59) = \$85,000
- Snowplow Attachment - \$6,310

- Portable Cooling Unit - \$4,000
- Telescoping Crane - \$1,000
- Portable Air Compressor \$800

The total for the above equipment is \$625,810.

- **Debt Service:** Debt Service is expected to increase \$230k (27.3%), due to escalation in the principal and interest payment for both of the 2019 WFA bond and 2012 DEQ bond.

INFRASTRUCTURE IMPROVEMENTS

Included in the 2021 budget is a detailed listing of proposed infrastructure projects (pages C-2 through C-5), including priority ranking of those projects. Presented immediately thereafter (D-1 and the subsequent unnumbered pages) is another listing demonstrating how the District proposes to fund those projects in the next few years. The anticipated outlay for bonding projects (see D-1) is \$6.3 million in 2020, \$9.0 million in 2021, and \$4.7 million in 2022 and beyond, though this could change somewhat depending on weather, availability of contractors, cost of materials, and other conditions beyond the District's control.

RESERVE FUNDS

The following reserve funds have been established and the funding of these accounts continues.

- **Operating Reserve:** The operating reserve target is three to six months of operating expense budget for the coming year. The minimum balance in the operating account should provide a "rainy day" fund for budget shortfalls or cost overruns. The desired balance, per the 2021 budget, is between \$8.2 million and \$16.5 million. The current operating account balance is quite strong even with a significant demand of summer water purchases and water production expenses, as well as capital outlays for construction. At 9/30/2020 the balance is approximately \$12.2 million.
- **Repair and Replacement Reserve:** Every year the budget includes funds that are earmarked for repair and replacement. However, in the event of a catastrophic water line break, the yearly budget will not be sufficient to fund the emergency repair. The district has set aside monies in the Repair and Replacement Reserve account to fund such emergencies. The district has a goal to fund \$5.0 million in the account. The balance in this account as of 9/30/2020 was \$4.6 million (86.8%). Additional funding is proposed as funds are available from operations. However, the anticipated focus on infrastructure projects over the next three years could continue to present a challenge to meeting the District's goal.
- **Impact Fee Reserve:** The required amount fluctuates as construction projects are assessed for the cost of their added demand on the system capacity and as the District collected fees to complete projects to satisfy that added demand. The reserve is equal to the unspent amount the District has collected from construction projects, and the balance as of 9/30/2020 is \$4.1 million.

- **Insurance Reserve Funds:** No funding level has been established for this reserve account. Each year the District budgets approximately \$100,000 to pay deductibles and claims not covered by insurance. If the entire amount is not used during the year, the balance is transferred to the reserve fund to provide for emergencies and extreme claims that may arise. The balance in this reserve account at 9/30/2020 was \$1.1 million.
- **Post-Employment Benefit Reserve:** In 2008 the District established this reserve fund to help offset the cost of benefits paid for retired employees, including health insurance and state retirement buyout. The balance in this fund was \$1.4 million as of 9/30/2020. The liability currently on the books is \$1.0 million but is expected to decrease at the end of 2020, due to multiple retirements during 2020. Accounting rules do not require full funding of the liability. However, the District has attempted to fund the liability as fully as possible in order to decrease the negative impacts of falling behind. It is proposed to continue to over-fund the account.

It is the District's desire and intent that this document will provide a clear and detailed explanation of proposed budget changes on a line-by-line basis. Please contact Jason Helm, General Manager, or Austin Ballard, Controller, if you have any questions or concerns. Thank you for your participation in and support of the District's budgeting efforts and ongoing operations.



REVENUES

	Actual 2018	Actual 2019	Projected 2020 as of 8/31/2020	Budget 2020	TENTATIVE Budget 2021	% Change
REVENUES						
Operating Revenues:						
Water Sales	\$ 18,310,894	\$ 18,818,502	\$ 19,785,053	\$ 19,728,000	\$ 19,884,000	0.8%
Sewer Service Charges	10,630,305	11,844,134	11,618,936	11,807,000	11,677,000	-1.1%
Central Valley Assessment	2,666,327	2,681,835	2,679,447	2,700,000	2,700,000	0.0%
Engineering Fees	5,800	8,970	8,799	6,000	7,000	16.7%
Connection Fees	35,871	31,222	46,057	34,000	40,000	17.6%
Inspection	67,147	50,647	67,856	49,000	55,000	12.2%
Delinquent/Turn-on Fees	42,800	31,955	15,846	35,000	35,000	0.0%
Conservation Grant	-	69,706	68,500	68,500	41,300	-39.7%
Total Operating Revenue	31,759,144	33,536,971	34,290,494	34,427,500	34,439,300	0.0%
Property Tax Revenue:						
Property Tax	3,298,021	3,316,896	3,317,839	3,400,000	3,400,000	0.0%
Motor Vehicle	231,725	232,938	223,758	250,000	250,000	0.0%
Personal Property	265,277	346,485	332,716	325,000	325,000	0.0%
Delinquent Tax/Interest	86,203	76,643	74,212	80,000	80,000	0.0%
Tax Increment for RDA	185,787	213,243	213,458	200,000	200,000	0.0%
Total Property Tax Revenue	4,067,012	4,186,205	4,161,983	4,255,000	4,255,000	0.0%
Non-Operating Revenue:						
Impact Fees - Water	624,297	632,736	888,827	300,000	450,000	50.0%
Impact Fees - Sewer	323,064	290,373	504,756	150,000	200,000	33.3%
Interest	527,489	653,964	453,967	525,000	250,000	-52.4%
Sale of Surplus Equipment	47,566	56,727	46,168	59,000	40,000	-32.2%
Other	136,017	142,552	119,085	120,000	120,000	0.0%
Total Non-Operating Revenue	1,658,432	1,776,352	2,012,803	1,154,000	1,060,000	-8.1%
Total Revenues	\$ 37,484,588	\$ 39,499,528	\$ 40,465,280	\$ 39,836,500	\$ 39,754,300	-0.2%



EXPENSES

	Actual 2018	Actual 2019	Projected 2020 as of 8/31/2020	Budget 2020	TENTATIVE Budget 2021	% Change
OPERATING EXPENSES						
Payroll Wages:						
Salaries & Wages	\$ 4,311,270	\$ 4,896,363	\$ 4,818,723	\$ 5,028,072	\$ 4,893,240	-2.7%
Overtime Wages	149,506	151,473	129,413	175,000	175,000	0.0%
On-Call Pay	53,521	36,797	65,531	71,280	71,280	0.0%
Incentive Pay	46,036	13,087	11,400	15,000	15,000	0.0%
Vehicle Allowance	38,827	877	5,746	9,000	9,000	0.0%
Clothing Allowance	20,075	20,350	18,975	22,000	21,450	-2.5%
Other/OPEB	83,815	-	331,235	250,000	250,000	0.0%
<i>Total Payroll Wages</i>	<u>4,703,051</u>	<u>5,118,947</u>	<u>5,381,023</u>	<u>5,570,352</u>	<u>5,434,970</u>	<u>-2.4%</u>
Payroll Benefits:						
State Retirement Plan	800,881	853,891	834,031	955,045	947,920	-0.7%
401(k) Plan	531,034	570,732	591,769	598,677	594,210	-0.7%
Health/Dental Insurance	1,114,618	1,417,410	1,410,821	1,670,320	1,753,836	5.0%
Medicare	65,518	73,056	73,071	73,547	72,730	-1.1%
Workers Compensation Ins	24,925	35,602	22,552	40,000	40,000	0.0%
Life/LTD/LTC Insurance	72,575	74,245	74,115	75,000	75,000	0.0%
State Unemployment	73	-	5,965	5,000	10,000	100.0%
<i>Total Payroll Benefits</i>	<u>2,609,625</u>	<u>3,024,936</u>	<u>3,012,324</u>	<u>3,417,589</u>	<u>3,493,696</u>	<u>2.2%</u>
Operations & Maintenance:						
Repair & Replacement	544,486	806,223	572,903	679,560	663,900	-2.3%
Building & Grounds	102,999	89,219	75,522	82,450	82,450	0.0%
Vehicles Maintenance & Fuel	207,835	216,158	194,806	174,431	168,680	-3.3%
Vehicle Lease	187,415	19,719	219,551	254,600	225,800	-11.3%
Tools & Supplies	45,484	31,750	55,800	73,400	89,750	22.3%
Water Purchases	9,967,508	10,520,489	11,444,511	11,010,400	10,717,260	-2.7%
Treatment Chemicals	58,675	38,451	28,857	41,300	41,300	0.0%
Water Lab Testing Fees	62,154	60,839	55,187	76,750	66,500	-13.4%
Utilities	960,138	823,504	858,018	982,000	905,000	-7.8%
<i>Total O&M</i>	<u>12,136,694</u>	<u>12,606,352</u>	<u>13,505,155</u>	<u>13,374,891</u>	<u>12,960,640</u>	<u>-3.1%</u>
CVWRF:						
Facility Operations	3,616,021	3,693,088	4,032,406	4,494,860	5,086,427	13.2%
Project Betterments	594,415	-	864,711	1,360,725	1,714,115	26.0%
Interceptor Monitoring	2,287	2,849	(2,967)	-	-	N/A
Pretreatment Field	274,474	235,564	260,195	283,675	298,799	5.3%
Laboratory	220,523	225,166	241,055	227,418	251,683	10.7%
CVW Debt Service	1,242,563	1,424,239	1,786,627	1,954,999	4,361,225	123.1%
<i>Total CVWRF</i>	<u>\$ 5,950,282</u>	<u>\$ 5,580,906</u>	<u>\$ 7,182,027</u>	<u>\$ 8,321,677</u>	<u>\$ 11,712,249</u>	<u>40.7%</u>



EXPENSES

	Actual 2018	Actual 2019	Projected 2020 as of 8/31/2020	Budget 2020	TENTATIVE Budget 2021	% Change
General & Administrative:						
Office Supplies/Printing	\$ 25,701	\$ 24,787	\$ 21,199	\$ 33,940	\$ 27,840	-18.0%
Postage & Mailing	150,102	153,639	151,030	159,500	155,550	-2.5%
General Administrative	50,230	114,916	79,971	61,000	133,810	119.4%
Computer Supplies/Equipment	318,539	406,487	296,106	494,243	471,167	-4.7%
General Insurance	431,768	413,850	290,544	439,612	360,595	-18.0%
Admin Utilities	91,318	88,511	80,821	95,500	95,500	0.0%
Telephone	77,591	105,020	101,339	120,200	113,600	-5.5%
Training & Education	95,033	129,500	78,353	133,200	97,475	-26.8%
Safety	38,302	42,693	48,882	39,620	40,620	2.5%
Legal fees	11,846	25,523	25,785	44,000	54,000	22.7%
Auditing Fees	11,000	11,000	12,000	12,000	12,000	0.0%
Professional Consulting	146,928	247,982	148,098	97,400	347,400	256.7%
Public Relations/Conservation	22,935	39,681	16,465	55,000	98,500	79.1%
Banking & Bonding	336,693	350,963	326,354	330,900	332,900	0.6%
Administrative Contingency	-	-	-	180,000	180,000	0.0%
<i>Total General Administrative</i>	<u>1,807,986</u>	<u>2,154,552</u>	<u>1,676,947</u>	<u>2,296,115</u>	<u>2,520,957</u>	<u>9.8%</u>
Total Operating Expenses	<u>27,207,638</u>	<u>28,485,693</u>	<u>30,757,476</u>	<u>32,980,624</u>	<u>36,122,512</u>	<u>9.5%</u>
Net Operating Revenues	<u>\$ 10,276,950</u>	<u>\$11,013,835</u>	<u>\$ 9,707,804</u>	<u>\$ 6,855,876</u>	<u>\$ 3,631,788</u>	<u>-47.0%</u>
Indirect Operating Expenses:						
Depreciation	\$ 7,538,072	\$ 7,809,067	\$ 7,700,000	\$ 7,700,000	\$ 8,000,000	3.9%
RDA Pass-Through	185,787	213,243	200,000	200,000	200,000	0.0%
<i>Total Indirect Operating Expense</i>	<u>7,723,859</u>	<u>8,022,310</u>	<u>7,900,000</u>	<u>7,900,000</u>	<u>8,200,000</u>	<u>3.8%</u>
Equipment Purchases:						
New Vehicles & Equipment	185,787	25,072	409,747	409,747	625,810	52.7%
<i>Total Equipment</i>	<u>185,787</u>	<u>25,072</u>	<u>409,747</u>	<u>409,747</u>	<u>625,810</u>	<u>52.7%</u>
Debt Service:						
Bond Interest	117,491	117,371	244,995	244,995	245,979	0.4%
Bond Princ Pmt - 2012 DEQ	274,000	281,000	288,000	288,000	295,000	2.4%
Bond Princ Pmt - 2019 WFA	-	-	310,000	310,000	532,000	71.6%
<i>Total Debt Service</i>	<u>391,491</u>	<u>398,371</u>	<u>842,995</u>	<u>842,995</u>	<u>1,072,979</u>	<u>27.3%</u>
Total Equipment & Debt Service	<u>577,278</u>	<u>423,443</u>	<u>1,252,742</u>	<u>1,252,742</u>	<u>1,698,789</u>	<u>35.6%</u>
Net Revenues with Depreciation	<u>\$ 1,975,813</u>	<u>\$ 2,568,082</u>	<u>\$ 555,062</u>	<u>\$ (2,296,866)</u>	<u>\$ (6,267,001)</u>	<u>172.9%</u>
Add Back Depreciation	7,538,072	7,809,067	7,700,000	7,700,000	8,000,000	3.9%
Net Revenues	<u>\$ 9,513,885</u>	<u>\$10,377,149</u>	<u>\$ 8,255,062</u>	<u>\$ 5,403,134</u>	<u>\$ 1,732,999</u>	<u>-67.9%</u>

Rates and Fees – Effective 1/1/2021

(pg 1 of 2)

(Water & Sewer fees are effective beginning with all bills sent in January.)

Water Rates and Fees	Rate	
Water Rate per 1,000 gallons – All customers except Multi-Unit:		
0 - 7,000 gallons per month	\$1.77	(no change from prior year)
7,001 - 15,000 gallons per month	\$1.90	" " "
All > 15,000 gallons per month	\$2.05	" " "
Water Rate per 1,000 gallons - Multi-Unit customers	\$1.90	" " "
Monthly availability fee – ¾" meter	\$13.00	(no change from prior year)
Monthly availability fee – 1" meter (2X)	\$13.00	" " "
Monthly availability fee – 1 ½" meter (5X)	\$65.00	" " "
Monthly availability fee – 2" meter (8X)	\$104.00	" " "
Monthly availability fee – 3" meter (16X)	\$208.00	" " "
Monthly availability fee – 4" meter (25X)	\$325.00	" " "
Monthly availability fee – 6" meter (50X)	\$650.00	" " "
Monthly availability fee – 8" meter (80X)	\$1,040.00	" " "
Monthly availability fee – 10" meter (115X)	\$1,495.00	" " "
Fireline – 4" (monthly)	\$8.12	" " "
Fireline – 6" (monthly)	\$10.83	" " "
Fireline – 8" (monthly)	\$13.81	" " "
Fireline – 10" (monthly)	\$17.06	" " "
Fireline – 12" (monthly)	\$20.04	" " "
Fireline – 14" (monthly)	\$22.75	" " "
Sewer Rates and Fees	Rate	
Monthly sewer charge – Residential	\$21.50	(no change from prior year)
Monthly sewer charge – Commercial REU & Trailer Park REU	\$21.50	" " "
Monthly sewer charge – Multi-Unit Residential (per unit)	\$18.50	" " "
Sewer surcharge rate #1 per 1,000 gallons	\$2.10	" " "
Sewer surcharge rate #2 per 1,000 gallons	\$2.53	" " "
Sewer surcharge rate #3 per 1,000 gallons	\$2.88	" " "
Sewer surcharge rate #4 per 1,000 gallons	\$2.97	" " "
Sewer surcharge rate #5 per 1,000 gallons	\$3.12	" " "
Sewer surcharge rate #6 per 1,000 gallons	\$3.38	" " "
Sewer surcharge rate #7 per 1,000 gallons	\$3.75	" " "
Sewer surcharge rate #8 per 1,000 gallons	\$3.83	" " "
Sewer surcharge rate #9 per 1,000 gallons	\$3.89	" " "
Sewer surcharge rate #10 per 1,000 gallons	\$4.10	" " "
Sewer surcharge rate #11 per 1,000 gallons	\$4.15	" " "
Sewer surcharge rate #12 per 1,000 gallons	\$4.82	" " "
Sewer surcharge rate #13 per 1,000 gallons	\$5.20	" " "
Sewer surcharge rate #14 per 1,000 gallons	\$5.24	" " "
Sewer surcharge rate #15 per 1,000 gallons	\$5.34	" " "
Sewer surcharge rate #16 per 1,000 gallons	\$5.41	" " "
Sewer surcharge rate #17 per 1,000 gallons	\$6.09	" " "
Sewer surcharge rate #18 per 1,000 gallons	\$6.29	" " "
Sewer surcharge rate #19 per 1,000 gallons	\$6.55	" " "
Sewer surcharge rate #20 per 1,000 gallons	\$7.91	" " "
Sewer surcharge rate #21 per 1,000 gallons	\$8.33	" " "
Sewer surcharge rate #22 per 1,000 gallons	\$8.81	" " "
Sewer surcharge rate #23 per 1,000 gallons	\$8.95	" " "
Sewer surcharge rate #24 per 1,000 gallons	\$9.97	" " "
Sewer surcharge rate #25 per 1,000 gallons	\$14.18	" " "
Central Valley Water Rehab/Upgrade Charge (per unit for all Residential & MU, per REU for Commercial)	\$5.00	(no change from prior year)
Impact Fees	Rate	
Water	\$2,806.00	
Sewer	\$1,923.00	
Penalty Fees	Rate	
Returned check fee	\$25.00	(no change from prior year)
Late fee/Turn-off fee – Amount based on statutory maximum	\$20.00	" " "
Tamper Damage fee – Statutory maximum is \$100	\$50.00	" " "
Pre-litigation collection letter	\$50.00	" " "
Other Fees/Charges	Rate	
Hydrant Meter security deposit	\$1,750.00	
Hydrant Meter daily rental (in addition to actual water consumed)	\$5.00	(no change from prior year)
Hydrant Meter Assembly Usage monthly charge	\$50.00	" " "
Hydrant Meter Inspection monthly charge	\$75.00	" " "
Hydrant Meter Water Use Charge per 1,000 gal (at lowest tier rate)	\$1.77	
Cross-Connection Penalty - 1st Offense	\$500.00	(no change from prior year)
Cross-Connection Penalty - 2nd Offense (may lose hydrant use permit)	\$1,000.00	" " "
Cross-Connection Penalty - 3rd Offense (may lose hydrant use permit)	\$2,000.00	" " "

Rates and Fees – Effective 1/1/2021

(pg 2 of 2)

*(Water & Sewer fees are effective beginning with all bills sent in January.)***Sewer Equivalent Dwelling Factors**

Service Connection Size (inches)	Equivalent Units	Sewer Charge per Equivalent Unit	Central Valley Water Fee
3/4	1	\$51.50	\$5.00
1	2	\$43.00	\$5.00
1 1/2	5	\$107.50	\$25.00
2	8	\$172.00	\$40.00
3	15	\$322.50	\$75.00
4	25	\$537.50	\$125.00
6 - 7	50	\$1,075.00	\$250.00
8 - 9	80	\$1,720.00	\$400.00
10 - 12	115	\$2,472.50	\$575.00



Capital Sources and Outlays Budget Summary

BUDGET SUMMARY

Budget Available at **8/31/2020**

(Unexpended 2020 capital budget carryover)

	<u>Increases</u>	<u>Decreases</u>	<u>Balance</u>
	<i>(estimated)</i>		\$ 7,169,000

Purchases

Work in Progress at **8/31/2020** (pg C-5)

(estimated) \$6,514,000

Proposed New Projects for 2020 (pg C-5)

\$14,790,500

Subtotal Purchases

\$21,304,500

Budgeted Revenue

Budgeted Transfer for 2020 *(estimated)*

\$5,403,134

(Net Rev from PY available to new yr)

Bond Reimbursements 2021

\$9,015,385

Subtotal Revenue

\$14,418,519

Ending Budget Balance

(Positive # represents funds accumulated for planned future capital projects.)

\$283,019



GRANGER-HUNTER
IMPROVEMENT DISTRICT

Capital Project Detail - 2021

* Priority

1=Needed next year
2=Needed 1-3 years
3=Needed 3-5+ years

* Priority is based on the average of the rankings by the District Engineer

Project Description	2021 Amount	2020 Amount	Priority	Comments
---------------------	-------------	-------------	----------	----------

Water - Horizontal Projects				
18B: 4100 S. Pipeline - Bangerter Highway to 5450 West (UDOT/West Valley Project)	\$0	\$170,000	1	Finished in 2020, pay final invoices in 2021.
18K: Printer's Row Pipeline Replacement	\$0	\$520,000	1	Finished in 2020, pay final invoices in 2021.
19C: 2200 West Pipeline (4100 South to 3800 South)	\$0	\$325,000	1	Finished in 2020, pay final invoices in 2021.
19D: PRV Station & Large Meter Vault Upgrades	\$0	\$0	1	Finished in 2020, pay final invoices in 2021.
19F: 3600 West Pipeline Replacement (Sorensen Tank to 4700 South)	\$0	\$515,000	1	Finished in 2020, pay final invoices in 2021.
Redwood Road Water Pipeline Replacement (4100 South to 3100 South) & Valley Fair Mall Feedlines	\$75,000	\$185,000	1	Design will begin in 2021, construction in 2022. In conjunction with Redwood Road Sewer Line.
Cost Share on Overlay, Loop Projects (West Valley City)	\$0	\$150,000	1	Usually paid beginning of the following year
4700 South Waterline Replacement - 5600 West to 5750 West	\$275,000	\$0	1	WVC Project, replace pipeline under 5600 West prior to intersection work.
21A: Meter Vault Upgrades	\$500,000	\$0	1	GHID Design, Contractor
Kearns Improvement District Emergency Interconnections	\$60,000	\$0	1	
Meter Vault Rebuilds	\$175,000	\$0	1	In-house meter vault replumbs.
Pipe Replacement Projects (dead ends)	\$60,000	\$0	1	
Meter Purchases	\$50,000	\$250,000	1	

Page Totals

\$1,195,000 \$2,115,000



GRANGER-HUNTER
IMPROVEMENT DISTRICT

Capital Project Detail - 2021

* Priority
1=Needed next year
2=Needed 1-3 years
3=Needed 3-5+ years

* Priority is based on the average of the rankings by the District Engineer

Project Description	2021 Amount	2020 Amount	Priority	Comments
---------------------	-------------	-------------	----------	----------

Water - Vertical Projects				
---------------------------	--	--	--	--

Tank Farm Booster Replacement/Tank Purchase/Energy Improvements	\$2,125,000	\$2,365,000	2	SRF Project. Tank purchase (2x 5 MG tanks + property) is Impact Fees. \$2,000,000 in 2021, anticipated \$4,500,000 in 2022 (\$6,500,000 Total, not including tank purchase, which is carryover from 2020).
Ridgeland Pump Station Replacement/Site Upgrades	\$0	\$200,000	2	Project Delayed 1 year.
Wells No. 1, 12, 17 Treatment Facility/Associated Piping Modifications	\$5,310,000	\$130,000	1	SRF Project. Begin construction in 2021, continue into 2022. Carryover is Well No. 12 Landscaping, which is part of RGWTP. 2021 Budget is \$5,000,000, anticipated \$5,000,000 in 2022 (\$10,000,000 Total)
Chlorine Generation Equip - Well No. 1	\$50,000	\$125,000	1	Well No. 1.
Lower Well No. 17 Pump Intake	\$80,000	\$0	1	Deepen Well No. 17 intake by 100 feet.
Ridgeland Storage Facility Roof Replacement	\$20,000	\$0	2	
Chlorine Analyzers	\$17,500	\$0	1	
RTU Panel	\$30,000	\$0	2	
Chemical Dosing Pump	\$17,000	\$0	1	

Page Totals

\$7,649,500 \$2,820,000



GRANGER-HUNTER
IMPROVEMENT DISTRICT

Capital Project Detail - 2021

* Priority

1=Needed next year
2=Needed 1-3 years
3=Needed 3-5+ years

* Priority is based on the average of the rankings by the District Engineer

Project Description	2021 Amount	2020 Amount	Priority	Comments
---------------------	-------------	-------------	----------	----------

Wastewater - Horizontal Projects

Sewer Lining and Manhole Rehabilitation Project (recurring)	\$150,000	\$400,000	1	GHID Design, Contractor construction.
Redwood Road Sewerline Project (4100 South to 3500 South)	\$50,000	\$85,000	1	Majority is impact fee project (78%). Constructed with Redwood Road Waterline Replacement Project. Design in 2021, construction in 2022.
4100 S Sewerline - 6000 West to 6400 West	\$1,020,000	\$72,000	2	Impact Fee Project. Construction in 2021.
Interceptor Improvements - New Valves, Lid & Platforms	\$25,000	\$0	2	Design in 2021, construction in 2022.
Cathodic Protection System Replacement at East Rec	\$100,000	\$0	1	

Wastewater - Vertical Projects

Pioneer WWPS Replacement & Pipeline/Forcemain Upgrades	\$3,145,000	\$0	1	SCADA programming included in Other category.
Decker Main Pump (and Discharge Piping) Replacement	\$50,000	\$405,000	1	Still waiting on pumps, pay invoices in 2021.
Channel Grinders	\$91,000	\$20,000	1	3 new channel grinders for Decker Main.
Bubbler Replacement	\$15,000	\$0	1	

Page Totals

\$4,646,000

\$982,000



GRANGER-HUNTER
IMPROVEMENT DISTRICT

Capital Project Detail - 2021

* Priority
1=Needed next year
2=Needed 1-3 years
3=Needed 3-5+ years

* Priority is based on the average of the rankings by the District Engineer

Project Description	2021 Amount	2020 Amount	Priority	Comments
---------------------	-------------	-------------	----------	----------

General Facilities				
Headquarters Landscaping Phase II (south end)	\$0	\$400,000	1	Design in 2021 and start construction early 2022.
Headquarters Complex HVAC, Electrical and Plumbing Improvements	\$0	\$40,000	1	Building A Upgrades (cont...)
Building B Remodel/Addition	\$1,120,000	\$12,000	2	Complete design in 2021. Construction in 2021/2022. \$1,000,000 in 2021, \$1,000,000 in 2022 (\$2,000,000 Total)
Water Innovation Center	\$0	\$20,000	2	Purchase shelves and a/c unit.
SCADA Modifications/Upgrades	\$100,000	\$125,000	1	Phase 1 of SCADA Master Plan
Incode v10 Upgrade	\$80,000	\$0	2	Upgraded accounting software Ongoing \$37,000 in annual costs.

Page Totals **\$1,300,000** **\$597,000**

Total All Capital Infrastructure Projects... **\$14,790,500** **\$6,514,000**



GRANGER-HUNTER
IMPROVEMENT DISTRICT

Proposed Capital Projects for Bonding

<u>Infrastructure Type</u>	<u>Estimated Cost</u>
Water - Horizontal Projects	\$ 1,376,923
Water - Vertical Projects	\$ 7,638,462
Wastewater - Horizontal Projects	\$ -
Wastewater - Vertical Projects	\$ -
Facilities	\$ -
TOTAL	\$ 9,015,385

Proposed Bond Projects - By Expenditure Year:

2020 Projects YTD Reimbursed	\$ 4,835,182	
2020 Remaining Balance Projects	\$ 3,500,000	(Estimated)
2021 Projects	\$ 9,015,385	
2022 & Beyond Projects	\$ 2,649,433	
Total All Years . . .	\$ 20,000,000	

JVWCD Update

JORDAN VALLEY WATER CONSERVANCY DISTRICT Monthly Summary of Water Deliveries in Acre Feet September 2020

Municipal and Industrial (M&I) Water Deliveries

Wholesale System	This Month	Previous Year	% Change	YTD	YTD Prev Year	YTD % Change	Fiscal YTD	Fiscal YTD Prev Year	Fiscal YTD % Change	Contract Amount	% of Contract Used
Bluffdale City	468.98	366.13	28%	3,187.15	2,505.22	27%	1,660.56	1,464.78	13%	2,500	127%
Copperton Improvement District	0.96	0.00		0.96	20.64	-95%	0.96	0.00		0	
Draper City	673.94	539.31	25%	4,296.78	3,498.11	23%	2,387.47	2,165.27	10%	3,800	113%
Granger-Hunter Improvement District	2,414.04	2,629.55	-8%	17,345.21	16,173.01	7%	8,811.11	9,443.12	-7%	18,500	94%
Herriman City	769.60	628.88	22%	5,358.38	3,835.00	40%	2,936.29	2,531.34	16%	2,667	201%
Hexcel Corporation	56.66	67.22	-16%	546.32	708.10	-23%	171.67	221.03	-22%	720	76%
Kearns Improvement District	1,071.18	819.87	31%	7,630.52	6,286.65	21%	4,008.77	3,501.13	14%	7,000	109%
Magna Water District	65.37	66.74	-2%	602.68	632.52	-5%	199.69	210.48	-5%	800	75%
Midvale City	410.94	459.87	-11%	3,055.20	2,144.99	42%	1,444.28	1,419.96	2%	3,085	99%
Riverton City	493.00	442.10	12%	3,887.62	3,485.03	12%	1,728.06	1,630.80	6%	4,000	97%
South Jordan City	2,504.63	2,068.39	21%	16,475.55	13,311.47	24%	9,011.76	8,197.86	10%	14,200	116%
City of South Salt Lake	119.50	89.75	33%	734.67	686.98	7%	343.80	258.53	33%	1,020	34%
Taylorsville-Bennion Improvement District	817.26	428.28	91%	3,970.97	3,492.72	14%	1,568.48	1,278.76	23%	4,700	84%
Utah Department of Corrections	33.05	33.92	-3%	379.48	395.84	-4%	111.35	127.72	-13%	548	69%
WaterPro, Inc.	259.57	213.16	22%	1,261.32	804.04	57%	1,022.14	757.16	35%	950	133%
City of West Jordan	2,754.01	2,152.71	28%	19,480.10	15,766.96	24%	9,879.17	8,916.89	11%	16,500	118%
White City Water Improvement District	0.00	0.00		0.00	0.00		0.00	0.00		0	
Willow Creek Country Club	51.02	31.99	59%	358.53	270.10	33%	214.62	190.09	13%	350	102%
Wholesale System Subtotal	12,963.73	11,037.87	17%	88,571.41	74,017.37	20%	45,500.17	42,314.92	8%	81,340	108%
Retail System	1,086.55	956.46	14%	7,478.27	6,773.48	10%	3,910.91	3,811.71	3%		
Total Wholesale & Retail	14,050.28	11,994.33	17%	96,049.69	80,790.85	19%	49,411.09	46,126.63	7%		
Other M&I											
MWDLS (Transported)	1,921.00	1,613.00	19%	11,483.00	10,094.00	14%	7,338.00	6,807.00	19%		
MWDLS (Treated)	0.00	0.00		0.00	0.00		0.00	0.00			
District Use (Non-revenue)	84.30	71.97	17%	576.30	484.75	19%	296.47	276.76	17%		
Other Deliveries Subtotal	2,005.30	1,684.97	19%	12,059.30	10,578.75	14%	7,634.47	7,083.76	19%		
Total M&I Deliveries	16,055.58	13,679.30	17%	108,108.98	91,369.59	18%	57,045.55	53,210.39	7%		
Irrigation and Raw Water Deliveries											
Welby Jacob Water Users	4,943.67	4,870.81	1%	30,049.64	24,282.31	24%	17,484.36	16,820.18	4%		
Total Irrigation and Raw Water	4,943.67	4,870.81	1%	30,049.64	24,282.31	24%	17,484.36	16,820.18	4%		
Total Deliveries	20,999.25	18,550.11	13%	138,158.63	115,651.91	19%	74,529.91	70,030.56	6%		

Most contracts are based on a calendar year except for the City of South Salt Lake which is based on a fiscal year beginning on July 1st.
Water transported for MWDLS by JVWCD is delivered to Salt Lake City at 2100 South.
Water treated by JVWCD for MWDLS is delivered to Sandy City along 11400 South.
District use includes water consumed in breaks, reservoir washing, fires, and irrigation.



CVWRF Update



Central Valley Water
Reclamation
Facility

TO: Phillip Heck, General Manager
FROM: Brandon Heidelberger, Assistant General Manager *B.H.*
DATE: October 20, 2020
SUBJECT: Entity Flow Metering Calibration Review and Corrective Actions

This memorandum summarizes efforts by CVWRF to install and calibrate new entity flow meters, discrepancies in flow monitoring discovered after installing the meters and recommended corrective actions.

Beginning in November 2019 through June 2020, CVWRF has been replacing entity flow meters with new, modern meters (ultrasonic level). The existing meters were obsolete and no longer being supported by the manufacturer, thus requiring replacement. The exception being the South Salt Lake City meter which is a different type (doppler radar/Flodar), installed recently and did not need replacement. As part of the meter replacement, CVWRF also replaced the transducer supports inside the meter manholes (due to corrosion) and performed initial calibration of the meters.

Entity meters consist of a Palmer-Bowlus Flume (of various sizes depending on interceptor connection points/pipe size) and an ultrasonic meter device that measures and records level/flow of the water through the flume. The meters and flume are located approximately at each entity's point of connection to the interceptor. A typical meter installation is similar to the photo below:



Example Flow Metering Structure (Murray City)

Entity Flow Metering Calibration Review and Corrective Actions
October 20, 2020
Page 2

The flow metering structures serve as the location for both flow measurement and organic loading sampling (BOD and TSS) which form the basis for member entity billing per the utilization/operational cost allocation formula outlined in the CVWRF Interlocal Agreement.

Monitoring of recent metering flow data after meter replacement has uncovered discrepancies in the data. Initially, the discrepancies were thought to be only at Granger Hunter ID's meter but are now known to have been present at multiple entity meter locations. When comparing flow trends from the new meters to historical trend data, it became apparent that five of the member entities' meters were trending substantially different with the exception of Mount Olympus ID and Taylorsville-Bennion ID. The discrepancies in meter data were attributed to several factors including grit deposition at the flume (which effects level measurement and calibration), atypical behavior of the meters due to nascent factory settings (requiring hard resets of the software to remove), and errors made during the initial meter calibration and setup (which have now been corrected).

The meter discrepancies were reviewed with member entities at a workshop held on Thursday October 15th and possible corrective actions discussed. CVWRF presented estimates for retroactively adjusting flow and billing amounts for each member entity based on the date of meter replacement and corrected meter readings. However, it was determined by the group that due to the limited run data on meters (particularly after recent corrections and calibrations were made), difficulty in estimating corrective adjustments, and low confidence in past readings, the best course of action would be to:

1. Forgo flow and billing adjustments at this point. Meter data will continue to be monitored by CVWRF and trends evaluated for any substantial deviations from historical readings. Any deviations from historical trends will be flagged and discussed as part of the regular monthly Member Entity Manager's coordination meeting. Additional run-time on the newly corrected and calibrated meters will allow for more accurate comparisons to historical flow trends.
2. For future monthly billings starting with the October 2020 billing, the flow data from the new re-calibrated meters will be used to calculate the percent utilization for each Member Entity.
3. For 2021 budgeting purposes, the 12-month rolling average of percent utilization used in the 2020 budget (determined from the 2019 12-month rolling average of percent utilization) will be used to determine the Member Entity ownership/capital contribution percentages. Moving forward, the rolling average for ownership percentages will be calculated from the current month of October 2020, the point at which all member entity meters have been re-calibrated and are reading correctly.
4. Conduct third party verification of the meters in coordination with a previously planned project to monitor flows in the interceptor system as part of Central Valley's system capacity evaluation. This project, included in the 2021 budget, will involve a flow monitoring contractor setting portable flow meters in the interceptors at various locations to measure flows during the spring period of high flows. This project will be expanded slightly to accommodate installation of additional portable meters to provide an independent check of the existing CVWRF meters. Portable meter installation and data analysis and will be coordinated with Member Entities.



CVWRF Update

*Entity Flow Metering Calibration Review and Corrective Actions
October 20, 2020
Page 3*

5. While open channel flow meters with flumes and level sensors have limited accuracy (within +/- 5-6%), in order to maintain the highest level of accuracy possible CVWRF will implement an improved meter maintenance and calibration protocol (see attached Interceptor Meter Maintenance and Calibration SOP). The SOP protocol details bi-annual calibrations and monthly performance monitoring of the meters and includes notification of Member Entities on substantial changes and cleaning requirements.

In summary, CVWRF staff recommend that the Board approve the approach summarized above which forgoes making adjustments to previous months billings, utilizes 2019 flow data/ownership percentages for determining 2021 capital budget allocations, and includes additional meter verification and calibration performance monitoring to help improve meter accuracy moving forward.



Summary

- Replacement flow meters installed in 2019/2020.
- Discrepancies in flow required re-calibration.
- 5 of the 7 meters were reading inaccurately.
- Future monthly billing will reflect re-calibrated flow.
- Ownership/capital responsibility will be adjusted using new 12-month average beginning in October 2020.



CVWRF Update



Member Entity Contributions by Function

Functions	Total Allocation	Cottonwood	Mt. Olympus	Granger-Hunter	Kearns	Murray	South Salt Lake	Taylorsville-Bennion	Total
Operations	14,175,930	2,158,428	3,459,906	3,892,253	1,347,607	1,102,619	681,508	1,533,609	14,175,930
Administration	4,244,828	646,318	1,036,031	1,165,491	403,527	330,167	204,071	459,223	4,244,828
Contingency	300,000	45,678	73,221	82,368	28,519	23,335	14,423	32,456	300,000
Engineering	1,651,302	251,428	403,032	453,392	156,978	128,440	79,387	178,645	1,651,302
Board	63,016	9,595	15,381	17,299	5,991	4,902	3,030	6,818	63,016
Pretreatment	927,006	34,061	214,208	286,024	35,435	112,949	224,050	20,279	927,006
Lab	1,033,005	157,286	252,125	283,627	98,201	80,349	49,662	111,755	1,033,005
Capital Bond/Cash	95,135,187	0	0	0	0	0	4,573,625	0	4,573,625
State Loan Funds	25,976,110	0	0	0	0	0	1,248,802	0	1,248,802
Capital (Pay-go)	6,979,409	1,062,685	1,703,458	1,916,319	663,484	542,866	335,536	755,061	6,979,409
Bonds	8,797,350	1,837,342	872,910	3,311,053	1,257,109	939,932	191,435	387,569	8,797,350
Bond Issuance Costs	1,900,000	303,905	487,151	548,024	189,742	155,247	0	215,931	1,900,000
Total by Entity	6,506,726	8,517,423	11,955,850	4,186,593	3,420,806	7,605,529	3,701,346	45,894,273	

Entity	October Capital % Estimate	October Capital % Estimate	Pretreatment 12 Month Average
Cottonwood	15.2260%	15.2260%	3.67%
Mt. Olympus	24.4069%	24.4069%	23.11%
Granger-Hunter	27.4568%	27.4568%	30.85%
Kearns	9.5063%	9.5063%	3.82%
Murray	7.7781%	7.7781%	12.18%
South Salt Lake	4.8075%	4.8075%	24.17%
Taylorsville-Bennion	10.8184%	10.8184%	2.19%

Percentage Pulled from corrected October data

The October Capital Percentage Estimate above is based on the corrected meter data from October 2020. For billing all categories above, monthly flow percentages will be used until August 2020, and will be trued up to the through August Table 3 Percentages in September 2021.

Annual Cash Account Balance Review

Calculated Maximum Cash 5,523,772

Current Cash Balance	12/31/2019	8/31/2020
Cash & cash equivalents	1,638,119	3,196,174
Accounts payable	-3,127,137	-5,855,458
Member entity A/R	4,316,687	4,414,192
Month end bond draw down	871,619	2,696,251
Current Cash Balance	3,699,288	4,451,159
Difference		-1,072,613

- GHID's flow decreased once calibrated correctly.
- Other meters that were re-calibrated were adjusted lower (reading too high).
- All entities had their ownership/capital obligations adjusted.
- Our flows decreased, but other entities lowered as well.
- GHID ownership/capital obligation projected to increased from ~24% to 27.45%.



CVWRF Update



Member Entity Contributions by Function

Functions	Total Allocation	Cottonwood	Mt. Olympus	Granger-Hunter	Kearns	Murray	South Salt Lake	Taylorsville-Bennion	Total
Operations	14,175,930	2,158,428	3,459,906	3,892,253	1,347,607	1,102,619	681,508	1,533,609	14,175,930
Administration	4,244,828	646,318	1,036,031	1,165,491	403,527	330,167	204,071	459,223	4,244,828
Contingency	300,000	45,678	73,221	82,368	28,519	23,335	14,423	32,456	300,000
Engineering	1,651,302	251,428	403,032	453,392	156,978	128,440	79,387	178,645	1,651,302
Board	63,016	9,595	15,381	17,299	5,991	4,902	3,030	6,818	63,016
Pretreatment	927,006	34,061	214,208	286,024	35,435	112,949	224,050	20,279	927,006
Lab	1,033,005	157,286	252,125	283,627	98,201	80,349	49,662	111,755	1,033,005
Capital Bond/Cash	95,135,187	0	0	0	0	0	4,573,625	0	4,573,625
State Loan Funds	25,976,110	0	0	0	0	0	1,248,802	0	1,248,802
Capital (Pay-go)	6,979,409	1,062,685	1,703,458	1,916,319	663,484	542,866	335,536	755,061	6,979,409
Bonds	8,797,350	1,837,342	872,910	3,311,053	1,257,109	939,932	191,435	387,569	8,797,350
Bond Issuance Costs	1,900,000	303,905	487,151	548,024	189,742	155,247	0	215,931	1,900,000
Total by Entity	6,506,726	8,517,423	11,955,850	4,186,593	3,420,806	7,605,529	3,701,346	45,894,273	

Entity	October Capital % Estimate	October Capital % Estimate	Pretreatment 12 Month Average
Cottonwood	15.2260%	15.2260%	3.67%
Mt. Olympus	24.4069%	24.4069%	23.11%
Granger-Hunter	27.4568%	27.4568%	30.85%
Kearns	9.5063%	9.5063%	3.82%
Murray	7.7781%	7.7781%	12.18%
South Salt Lake	4.8075%	4.8075%	24.17%
Taylorsville-Bennion	10.8184%	10.8184%	2.19%

Percentage Pulled from corrected October data

The October Capital Percentage Estimate above is based on the corrected meter data from October 2020. For billing all categories above, monthly flow percentages will be used until August 2020, and will be trued up to the through August Table 3 Percentages in September 2021.

Annual Cash Account Balance Review

Calculated Maximum Cash 5,523,772

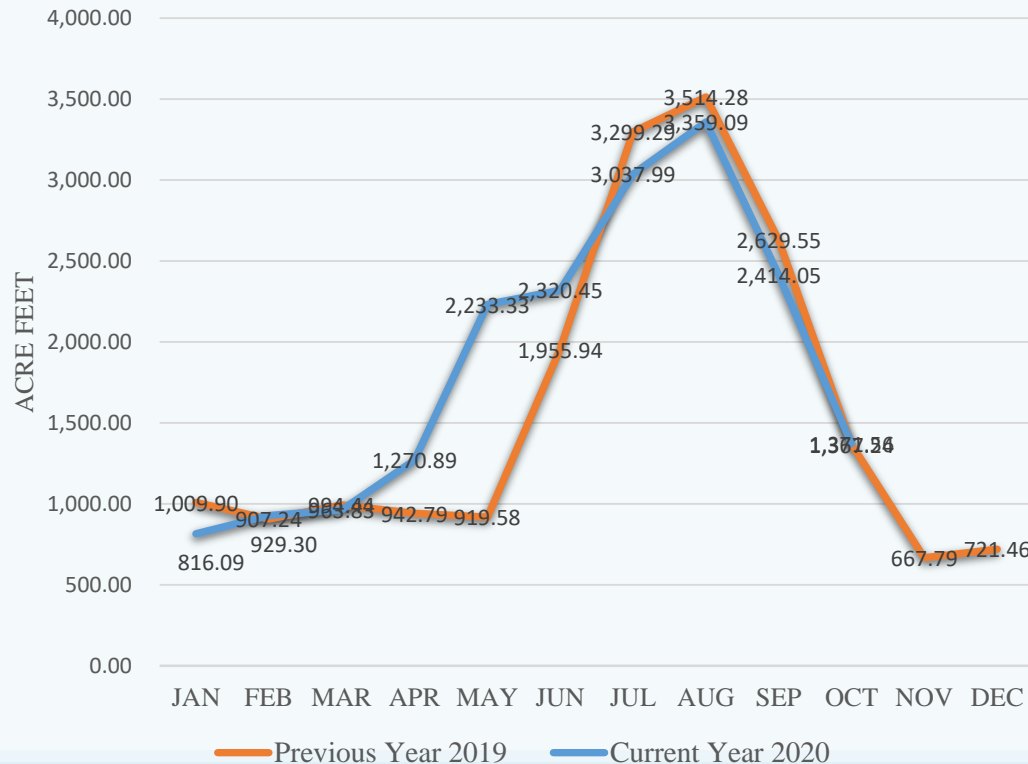
Current Cash Balance	12/31/2019	8/31/2020
Cash & cash equivalents	1,638,119	3,196,174
Accounts payable	-3,127,137	-5,855,458
Member entity A/R	4,316,687	4,414,192
Month end bond draw down	871,619	2,696,251
Current Cash Balance	3,699,288	4,451,159
Difference		-1,072,613

- GHID's flow decreased once calibrated correctly.
- Other meters that were re-calibrated were adjusted lower (reading too high).
- All entities had their ownership/capital obligations adjusted.
- Our flows decreased, but other entities lowered as well.
- GHID ownership/capital obligation projected to increased from ~24% to 27.45%.

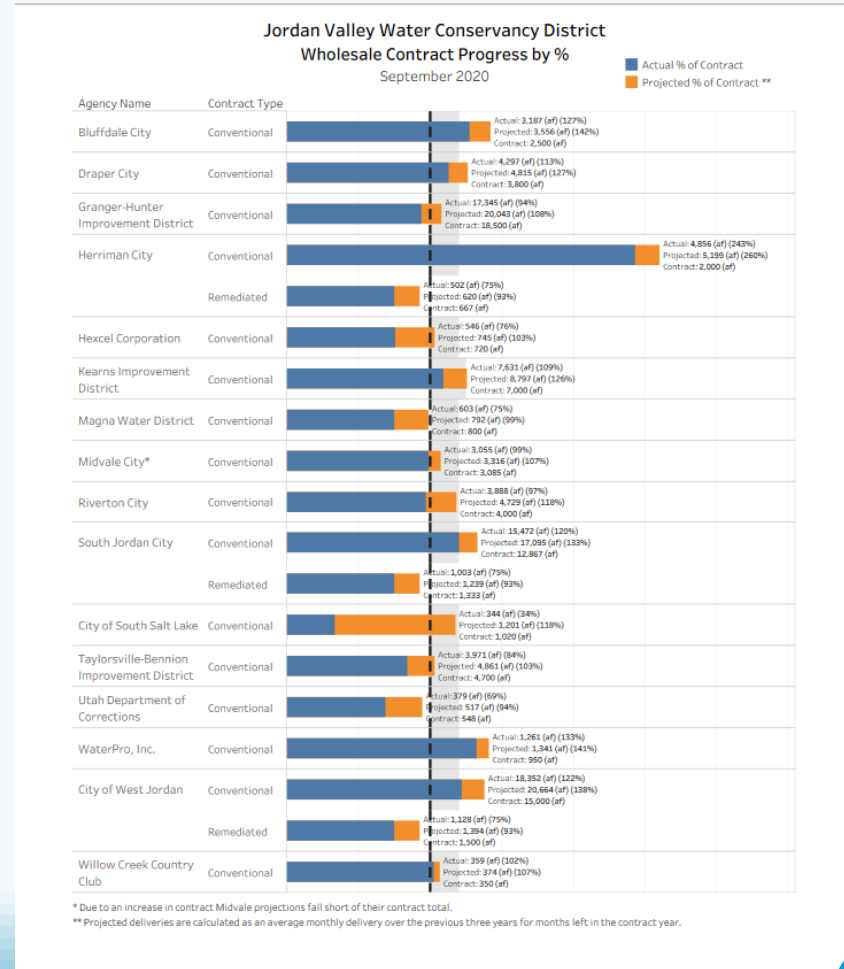


Water Supply Update

JVWCD TOTAL METER CONSUMPTION BY MONTH



101.2% of JVWCD contract as of October 31st. JVWCD projects 108% of contract. Granger-Hunter is projecting 105-107% depending on well production.



Staffing Updates-New Employees

Taylor Gomm- Administrative



Gunner Thomas- Wastewater



Staffing Updates-New Employees

Ryan Draney- Water



Kevin Killpack- Meters



Staffing Updates-New Employees

Troy Stout- Management



Outstanding Operator of the Year

AWWA Intermountain Section



As the Operations Supervisor for Granger-Hunter's Water and Wastewater Systems, Drew takes the lead in ensuring each system runs as reliably and efficiently as possible. Balancing water demands, contract requirements, water quality and pressure in the distribution system is a delicate task, and Drew has excelled at ensuring each is accounted for at all times. Throughout his career, Drew has been instrumental in his roles including the current re-design of Granger-Hunter's SCADA system. Drew is known as a jack of all trades and is always willing to work with all Granger-Hunter departments to get the job done right.

Drew has worked at Granger-Hunter for over 21 years, including time in Water Maintenance, Customer Service, Operations, Engineering, and then back to Operations as the Supervisor.

We are pleased to recognize Drew Ovard as the 2020 Utah Outstanding Operator!





GRANGER-HUNTER
IMPROVEMENT DISTRICT

2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

DATE: November 17, 2020

TO: Board of Trustees of Granger-Hunter Improvement District

FROM: Austin Ballard, Controller

SUBJECT: Change of Trustees of Granger-Hunter Improvement District

The District has a 401K plan (the Plan) to which the District and employees make pre-tax contributions to enhance retirement benefits. The District has typically designated three Trustees to act in a fiduciary role for the Plan. At various times one or more Plan Trustees may need to sign Plan-related documents (for example to approve rollovers for new or retiring employees, to authorize a loan to an employee from their individual account as allowed by the Plan document, to authorize withdrawals within IRS guidelines, and so forth).

To help ensure there is always a Trustee available to transact District and employee business relating to the Plan, it has been preferable to have three designated Trustees. It is recommended that Jason Helm continue to serve as trustee and add Michael Stout and Austin Ballard as additional Trustees.

At our November 17, 2020 Board meeting, we will present Resolution 11-17-20 to Amend the Trustees of the GHID 401K Profit Sharing Plan as noted above. If you approve the resolution, we would also request that you authorize the Board Chairperson and District Clerk to sign a letter directing Wells Fargo (our Plan investment advisors/managers) to make the change to Trustees, as they require both a resolution and a letter of authorization to accomplish this action.

Thank you for your consideration of this item.



GRANGER-HUNTER
IMPROVEMENT DISTRICT

2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

November 17, 2020

Wells Fargo Advisors
Attn: Mat Hufford

This letter is being sent to instruct Wells Fargo Advisors to change the Granger-Hunter Improvement District (District) 401K Profit Sharing Plan trustees as follows: add Michael Stout and Austin Ballard as Trustees. Jason Helm will remain as one of the trustees.

This authorization is given per official District Resolution 11-17-20, adopted by the Board of Trustees of the District on November 17, 2020, and as reflected on the copy of said official resolution attached hereto. Per District procedure, the Board of Trustees has authorized and instructed the Board Chairperson to sign in behalf of all Trustees and the District.

Debra K. Armstrong, Chair of the Board of Trustees

ATTEST:

Austin Ballard, District Clerk



GRANGER-HUNTER
IMPROVEMENT DISTRICT

2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

Resolution of the Board of Trustees

Resolution No. 11-17-20

AMENDING THE TRUSTEES OF THE GRANGER-HUNTER IMPROVEMENT DISTRICT 401K PROFIT SHARING PLAN

WHEREAS, the Board of Trustees of the Granger-Hunter Improvement District (“the District”) had previously appointed Jason Helm, H. Louis Fuell, and Kim J. Coleman as Trustees of the District 401K Profit Sharing Plan;

WHEREAS, Louie Fuell and Kim Coleman are no longer a employees of the District;

WHEREAS, it is recommended to appoint new Trustees to replace Louis Fuell and Kim Colman;

NOW THEREFORE, BE IT RESOLVED as follows:

1. The Granger-Hunter Improvement District Board of Trustees removes Louis Fuell and Kim Coleman as a Trustees of the District 401K Profit Sharing Plan.
2. The Granger-Hunter Improvement District Board of Trustees appoints Michael T. Stout and Austin Ballard as Trustees of the District 401K Profit Sharing Plan.
3. This Resolution shall take effect upon authorized execution.

PASSED, ADOPTED and APPROVED this 17th day of November, 2020.

Debra K. Armstrong, Chair of the Board of Trustees

ATTEST:

Kim J. Coleman, District Clerk



GRANGER-HUNTER
IMPROVEMENT DISTRICT

2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

DATE: November 17, 2020

TO: Board of Trustees of Granger-Hunter Improvement District

FROM: Austin Ballard, Controller

SUBJECT: Change of Authorized Individuals for PTIF Account

The District has a Public Treasurers Investment Fund (PTIF) with the State of Utah Office of the State Treasurers Office. This fund was set up as a safe investment vehicle for all of the District's surplus funds. The District has typically designated three authorized individuals to add or delete users to access and/or transact with PTIF accounts, to add, delete or make changes to bank accounts tied to PTIF accounts, to open or close PTIF accounts, and to execute any necessary forms in connection with such changes. (for example, to authorize user account set-up for controller and/or CFO to be able to transfer monies to the District's operating bank account).

To help ensure there is always an Authorized Individual available to transact District and employee business relating to its PTIF account, it has been preferable to have three designated individuals. It is recommended that the three individuals for this account be Debra Armstrong, Chair, Jason Helm, General Manager and Michael T. Stout, Assistant General Manager. The CFO and/or Controller should not be included as an "Authorized Individual" due to separation of duties.

At our November 17, 2020 Board meeting, we will present Resolution 11-17-20a to Amend the Authorized Individuals PTIF account. If you approve the resolution, we would also request that you authorize the individuals and notary to fill out the Public Entity Resolution form provided by the Office of the State Treasurers Office.

Thank you for your consideration of this item.



1. Certification of Authorized Individuals

I, _____(Name) hereby certify that the following are authorized: to add or delete users to access and/or transact with PTIF accounts; to add, delete, or make changes to bank accounts tied to PTIF accounts; to open or close PTIF accounts; and to execute any necessary forms in connection with such changes on behalf of _____ (Name of Legal Entity). Please list at least two individuals.

Name	Title	Email	Signature(s)
_____	_____	_____	_____
_____	_____	_____	_____

The authority of the named individuals to act on behalf of _____ (Name of Legal Entity) shall remain in full force and effect until written revocation from _____ (Name of Legal Entity) is delivered to the Office of the State Treasurer.

2. Signature of Authorization

I, the undersigned, _____(Title) of the above named entity, do hereby certify that the forgoing is a true copy of a resolution adopted by the governing body for banking and investments of said entity on the _____ day of _____, 20____, at which a quorum was present and voted; that said resolution is now in full force and effect; and that the signatures as shown above are genuine.

Signature	Date	Printed Name	Title
_____	_____	_____	_____

STATE OF UTAH)
)
COUNTY OF _____)

Subscribed and sworn to me on this _____ day of _____, 20____, by _____ (Name), as _____ (Title) of _____ (Name of Entity), proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature _____

(seal)



GRANGER-HUNTER
IMPROVEMENT DISTRICT

2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

Resolution of the Board of Trustees

Resolution No. 11-17-20a

REPLACING THE PUBLIC ENTITY RESOLUTION FOR CERTIFICATION OF AUTHORIZED INDIVIDUALS FOR THE OFFICE OF THE STATE TREASURER PTIF ACCOUNT

WHEREAS, the Board of Trustees of the Granger-Hunter Improvement District (“the District”) had previously appointed Debra Armstrong, Clinton Jensen and H Louie Fuell as Authorized Individuals to add or delete users on PTIF account; add delete or make changes to bank accounts tied to PTIF accounts; to open or close PTIF accounts; execute any necessary forms in connection with such changes on behalf of the District;

WHEREAS, Clinton Jensen and Louie Fuell are no longer employees of the District;

WHEREAS, it is recommended to appoint new Authorized Individuals for Clinton Jensen and Louis Fuell;

NOW THEREFORE, BE IT RESOLVED as follows:

1. The Granger-Hunter Improvement District Board of Trustees removes Clinton Jensen and Louis Fuell as Authorized Individuals for the Districts PTIF account with The Office of the State Treasurer.
2. The Granger-Hunter Improvement District Board of Trustees appoints Jason Helm and Michael T. Stout as Authorized Individuals for the Districts PTIF account with The Office of the State Treasurer.
3. This Resolution shall take effect upon authorized execution.

PASSED, ADOPTED and APPROVED this 17th day of November, 2020.

Debra K. Armstrong, Chair of the Board of Trustees

ATTEST:

Austin Ballard, District Clerk



REVENUES

	Actual 10/31/2020	Amended Budget 2019	% of Budget	Preliminary Actual 10/31/2020	Budget 2020	% of Budget
REVENUES						
Operating Revenues:						
Water Sales	\$ 16,144,291	\$ 19,629,500	82.2%	\$ 18,549,309	\$ 19,728,000	94.0%
Sewer Service Charges	9,402,008	11,748,000	80.0%	9,158,863	11,807,000	77.6%
Central Valley Assessmt	2,234,321	2,700,000	82.8%	2,237,630	2,700,000	82.9%
Engineering Fees	7,670	4,100	187.1%	7,342	6,000	122.4%
Connection fees	26,594	34,000	78.2%	34,638	34,000	101.9%
Inspection	47,910	49,000	97.8%	66,259	49,000	135.2%
Delinquent/Turn-on Fees	25,535	35,000	73.0%	9,290	35,000	26.5%
Conservation Grant	53,868	68,500	78.6%	48,390	68,500	70.6%
Total Operating Revenue	<u>27,942,197</u>	<u>34,268,100</u>	81.5%	<u>30,111,721</u>	<u>34,427,500</u>	87.5%
Property Tax Revenue:						
Property Tax	43,368	3,300,000	1.3%	60,326	3,400,000	1.8%
Motor Vehicle	178,631	250,000	71.5%	166,513	250,000	66.6%
Personal Property	333,871	315,000	106.0%	320,889	325,000	98.7%
Delinquent Tax/Interest	60,127	80,000	75.2%	56,955	80,000	71.2%
Tax Increment for RDA	-	239,000	0.0%	-	200,000	0.0%
Total Property Tax Revenue	<u>615,997</u>	<u>4,184,000</u>	14.7%	<u>604,683</u>	<u>4,255,000</u>	14.2%
Non-operating Revenue:						
Impact Fees - Water	507,531	375,000	135.3%	704,991	300,000	235.0%
Impact Fees - Sewer	238,452	188,000	126.8%	371,139	150,000	247.4%
Interest	513,662	500,000	102.7%	287,892	525,000	54.8%
Sale of Surplus Equipment	13,851	109,000	12.7%	6,279	59,000	10.6%
Other	130,686	110,000	118.8%	108,741	120,000	90.6%
Total Non-operating Revenue	<u>1,404,182</u>	<u>1,282,000</u>	109.5%	<u>1,479,042</u>	<u>1,154,000</u>	128.2%
Total Revenues	<u>\$ 29,962,376</u>	<u>\$ 39,734,100</u>	75.4%	<u>\$ 32,195,446</u>	<u>\$ 39,836,500</u>	80.8%

Percent of Year Completed: 83.33%



EXPENSES

	Actual 10/31/2020	Amended Budget 2019	% of Budget	Actual 10/31/2020	Budget 2020	% of Budget
EXPENSES						
Payroll Wages:						
Salaries & Wages	\$ 3,883,635	\$ 4,785,017	81.2%	\$ 4,244,711	\$ 5,028,072	84.4%
Overtime Wages	121,612	200,000	60.8%	95,021	175,000	54.3%
On-call Pay	29,669	56,280	52.7%	56,371	71,280	79.1%
Incentive Pay	7,914	15,000	52.8%	7,627	15,000	50.8%
Vehicle Allowance	692	-	0.0%	5,166	9,000	57.4%
Other/OPEB	-	250,000	0.0%	327,131	250,000	130.9%
Clothing Allowance	20,350	21,450	94.9%	18,975	22,000	86.3%
<i>Total Payroll Wages</i>	<u>4,063,872</u>	<u>5,327,747</u>	<u>76.3%</u>	<u>4,755,002</u>	<u>5,570,352</u>	<u>85.4%</u>
Payroll Benefits:						
State Retirement Plan	697,256	906,300	76.9%	677,232	955,045	70.9%
401K Plan	468,837	567,100	82.7%	510,324	598,677	85.2%
Health/Dental Insurance	1,280,837	1,628,877	78.6%	1,183,426	1,670,320	70.9%
Medicare	57,882	70,350	82.3%	63,407	73,547	86.2%
Workers Compensation Ins	26,037	45,000	57.9%	17,202	40,000	43.0%
Life/LTD/LTC Insurance	61,555	75,000	82.1%	61,573	75,000	82.1%
State Unemployment	-	5,000	0.0%	7,784	5,000	155.7%
<i>Total Payroll Benefits</i>	<u>2,592,404</u>	<u>3,297,627</u>	<u>78.6%</u>	<u>2,520,948</u>	<u>3,417,589</u>	<u>73.8%</u>
Operations & Maintenance:						
Repair & Replacement	427,981	746,373	57.3%	477,818	701,560	68.1%
Building & Grounds	71,418	77,462	92.2%	60,591	82,450	73.5%
Vehicle Maint & Fuel	169,711	209,000	81.2%	129,738	174,431	74.4%
Vehicle Lease	182,298	218,409	83.5%	184,216	254,600	72.4%
Tools & Supplies	25,939	35,000	74.1%	55,896	73,400	76.2%
Water Purchases	8,969,765	10,677,437	84.0%	9,623,292	11,010,400	87.4%
Treatment Chemicals	35,075	68,800	51.0%	34,720	41,300	84.1%
Water Lab Testing Fees	52,003	106,000	49.1%	37,124	76,750	48.4%
Utilities	648,834	1,009,000	64.3%	749,491	982,000	76.3%
<i>Total O&M</i>	<u>10,583,024</u>	<u>13,147,481</u>	<u>80.5%</u>	<u>11,352,886</u>	<u>13,396,891</u>	<u>84.7%</u>
CVWRF:						
Facility Operations	2,555,815	4,400,414	58.1%	3,052,857	4,494,860	67.9%
Project Betterments	772,656	1,712,549	45.1%	642,056	1,360,725	47.2%
Interceptor Monitoring	75	3,875	0.0%	(2,967)	-	0.0%
Pre-treatment Field	171,762	243,993	70.4%	195,470	283,675	68.9%
Laboratory	156,623	239,538	65.4%	173,523	227,418	76.3%
CVW Debt Service	945,637	1,488,436	63.5%	1,590,120	1,954,999	81.3%
<i>Total CVWRF</i>	<u>\$ 4,602,568</u>	<u>8,088,805</u>	<u>56.9%</u>	<u>5,651,059</u>	<u>\$ 8,321,677</u>	<u>67.9%</u>

EXPENSES

	Actual 9/30/2019	Amended Budget 2019	% of Budget	Actual 10/31/2020	Budget 2020	% of Budget
General & Administrative:						
Office Supplies/Printing	\$ 22,179	\$ 37,100	59.8%	\$ 12,064	\$ 33,940	35.5%
Postage & Mailing	116,726	159,500	73.2%	108,778	159,500	68.2%
General Administrative	45,931	125,130	36.7%	43,390	61,000	71.1%
Computer Supplies	313,191	392,432	79.8%	343,629	494,243	69.5%
General Insurance	350,180	423,600	82.7%	274,362	439,612	62.4%
Utilities	68,327	105,500	64.8%	60,416	95,500	63.3%
Telephone	69,181	110,000	62.9%	88,346	120,200	73.5%
Training & Education	99,680	131,325	75.9%	44,195	133,200	33.2%
Safety	38,243	39,600	96.6%	35,492	39,620	89.6%
Legal fees	18,019	49,000	36.8%	34,227	44,000	77.8%
Auditing Fees	11,000	11,000	100.0%	12,000	12,000	100.0%
Professional Consulting	166,669	275,300	60.5%	52,819	97,400	54.2%
Public Relations/Conservation	34,992	69,450	50.4%	22,743	55,000	41.4%
Banking & Bonding	495,461	513,900	96.4%	288,348	330,900	87.1%
Admin Contingency	-	180,000	0.0%	-	180,000	0.0%
<i>Total General Administrative</i>	<u>1,849,779</u>	<u>2,622,837</u>	70.5%	<u>1,420,809</u>	<u>2,296,115</u>	61.9%
Total Operating Expenses	<u>23,691,647</u>	<u>32,484,497</u>	72.9%	<u>25,700,704</u>	<u>33,002,624</u>	77.9%
Net Operating Revenues	<u>6,270,729</u>	<u>7,249,603</u>	86.5%	<u>6,494,742</u>	<u>6,833,876</u>	95.0%
Indirect Operating Expenses:						
Depreciation	-	7,000,000	0.0%	6,483,750	7,700,000	84.2%
RDA Pass-Through	-	239,000	0.0%	-	200,000	0.0%
<i>Total Indirect Operating Exp</i>	<u>-</u>	<u>7,239,000</u>	0.0%	<u>6,483,750</u>	<u>7,900,000</u>	82.1%
Equipment and Infrastructure:						
Infrastructure	3,551,029	13,276,600	26.7%	5,563,828	15,715,152	35.4%
New Vehicles & Equipment	406,954	414,050	98.3%	380,509	409,747	92.9%
<i>Total Equipment</i>	<u>3,957,983</u>	<u>13,690,650</u>	28.9%	<u>5,944,337</u>	<u>16,124,899</u>	36.9%
Debt Service:						
Bond Interest	19,392	408,683	4.7%	22,971	244,995	9.4%
Bond Principal Pmt ('12 Bond)	281,000	281,000	100.0%	288,000	288,000	100.0%
Bond Princ Pmt (2019 DEQ)	-	-	0.0%	435,525	310,000	140.5%
<i>Total Debt Service</i>	<u>300,392</u>	<u>689,683</u>	43.6%	<u>746,496</u>	<u>842,995</u>	88.6%
Total Equip & Debt Service	<u>4,258,375</u>	<u>14,380,333</u>	29.6%	<u>6,690,833</u>	<u>16,967,894</u>	39.4%
Net Revenues after Deprec	<u>2,012,354</u>	<u>(14,369,730)</u>	-14.0%	<u>(6,679,841)</u>	<u>(18,034,018)</u>	37.0%
Add back Depreciation	-	7,000,000	0.0%	6,483,750	7,700,000	84.2%
Net Revenues	<u>\$ 2,012,354</u>	<u>\$ (7,369,730)</u>	-27.3%	<u>\$ (196,091)</u>	<u>\$ (10,334,018)</u>	1.9%

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1320	ASPHALT MATERIALS INC							
I-101318	Asphalt for Repairs	D	10/07/2020			001105		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		958.47				
I-101504	Asphalt for Repairs	D	10/07/2020			001105		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		615.07				
I-101671	Asphalt for Repairs	D	10/07/2020			001105		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		909.69				
I-101914	Asphalt for Repairs	D	10/07/2020			001105		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		2,494.31				4,977.54
2188	FERGUSON ENTERPRISES, INC							
I-1127540-1	Fire Hydrants	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Fire Hydrants		4,236.52				
I-1129095	Emergency Repair Parts	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Emergency Repair Par		875.00				
I-1129743	Copper Tubing	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Copper Tubing		4,528.00				
I-1129743-1	Copper Tubing	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Copper Tubing		3,315.00				
I-1129766	Emergency Repair Parts	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Emergency Repair Par		531.30				
I-1129787	Emergency Repair Parts	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Emergency Repair Par		400.36				
I-1129795	Cleanout for parking lot	D	10/07/2020			001106		
01 550210	REPAIR SUPPLIES - WW	Cleanout for parking		35.81				
I-1129939	Coupler for cleanout	D	10/07/2020			001106		
01 550210	REPAIR SUPPLIES - WW	Coupler for cleanout		9.34				
I-1130118	Large Meter Inf.	D	10/07/2020			001106		
01 520920	INFRASTRUCTURE PURCHASES	Large Meter Capital		2,327.20				
I-1132308	Emergency Repair Parts	D	10/07/2020			001106		
01 530210	REPAIR SUPPLIES - CONST	Emergency Repair Par		157.56				16,416.09
2340	GENEVA ROCK PRODUCTS							
I-2300287	Fill Dirt	D	10/07/2020			001107		
01 530210	REPAIR SUPPLIES - CONST	Fill Dirt		168.88				168.88
4990	WORKERS COMPEN OF UTAH							
I-7427471	SEP 2020/SCHEDULED PREMIUM	D	10/07/2020			001108		
01 500160	WORKERS COMP INS	SEP 2020/SCHEDULED P		2,676.05				2,676.05
0001	US TREASURY							
I-T1 202010135944	FEDERAL WITHHOLDING	D	10/13/2020			001109		
01 23010	FEDERAL W/H & MEDICARE PAYABLE	FEDERAL WITHHOLDING		12,835.73				
I-T4 202010135944	MEDICARE WITHHOLDING	D	10/13/2020			001109		
01 23010	FEDERAL W/H & MEDICARE PAYABLE	MEDICARE WITHHOLDING		2,256.46				
01 500150	MEDICARE	MEDICARE WITHHOLDING		2,256.46				17,348.65

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2532	HEALTHSAVINGS INC HEALTH SAVINGS ACCOUNT CAFETERIA PLAN PAYABLE	D	10/13/2020	3,688.29		001110		3,688.29
4640	UTAH RETIREMENT SYSTEMS TIER 2 DEFINED CONTRIBUTION STATE RETIREMENT PLAN	D	10/13/2020	572.18		001111		
	TIER 2 HYBRID CONTRIBUTION STATE RETIREMENT PLAN	D	10/13/2020	9,208.26		001111		
	457 CONTRIBUTION % RETIREMENT CONTRIB PAYABLE	D	10/13/2020	140.64		001111		
	457 CONTRIBUTION AMOUNT RETIREMENT CONTRIB PAYABLE	D	10/13/2020	90.00		001111		
	401(K) \$ TIER 2 EMP CONTRIB RETIREMENT CONTRIB PAYABLE	D	10/13/2020	20.00		001111		
	401(K) % CONTRIBUTION AMOUNT RETIREMENT CONTRIB PAYABLE	D	10/13/2020	83.52		001111		
	TIER 2 DC 401K STATE RETIREMENT PLAN	D	10/13/2020	855.29		001111		
	TIER 2 HYBRID 401K STATE RETIREMENT PLAN	D	10/13/2020	518.69		001111		
	TIER 2 ROTH IRA CONTRIB AMOUNT RETIREMENT CONTRIB PAYABLE	D	10/13/2020	450.00		001111		
	ROTH IRA CONTRIBUTION AMNT RETIREMENT CONTRIB PAYABLE	D	10/13/2020	330.00		001111		
	TIER 2 - 457 CONTRIB RETIREMENT CONTRIB PAYABLE	D	10/13/2020	5.00		001111		
	UT STATE RET CONTRIBUTION STATE RETIREMENT PLAN	D	10/13/2020	16,879.79		001111		29,153.37
1267	APELLO OCT 2020 ANSWERING SERVICE TELEPHONE	D	10/14/2020	480.00		001112		480.00
2400	GRANGER HUNTER IMP DIST GHID-1 OCT 2020 UTILITIES - WATER/OPS	D	10/14/2020	2,500.98		001113		2,500.98
3040	MAGNA WATER CO SEP 2020 SEWER CHARGES	D	10/14/2020	2,235.75		001114		
	SEWER SERVICE CHARGES HUNTER VILLAGE PH 17			596.20				
	SEWER SERVICE CHARGES HUNTER VILLAGE PH 16			178.86				
	SEWER SERVICE CHARGES ORCHARDVIEW SUBDIV			924.11				
	SEWER SERVICE CHARGES MAJESTIC VILLAS PASS			2,444.42				6,379.34

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3657	READY MADE CONCRETE							
I-106767	Cement for Repairs	D	10/14/2020			001115		
01 530210	REPAIR SUPPLIES - CONST			322.00				
01 530210	REPAIR SUPPLIES - CONST			729.60				
I-106982	Cement for Repairs	D	10/14/2020			001115		
01 530210	REPAIR SUPPLIES - CONST			1,678.00				2,729.60
3850	SALT LAKE CEMENT CUTTING							
I-88831	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88832	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88833	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88834	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88835	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88836	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88924	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			325.00				
I-88925	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88926	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-88963	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-89006	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-89056	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			150.00				
I-89057	Cement Cutting for Repair	D	10/14/2020			001116		
01 530210	REPAIR SUPPLIES - CONST			25.00				
01 530210	REPAIR SUPPLIES - CONST			125.00				2,125.00
4704	VERIZON WIRELESS							
I-9864247331	SEP 2020 CELL PHONE & EQUIPMEN	D	10/14/2020			001117		
01 510470	TELEPHONE			3,260.53				
01 510440	COMPUTER SUPPLIES/EQUIPMENT			809.98				4,070.51
4880	WEST VALLEY CITY							
I-202010085938	SEP 2020 STORMWATER	D	10/14/2020			001118		
01 510460	UTILITIES - ADMIN			296.00				
01 510460	UTILITIES - ADMIN			276.00				
01 550280	UTILITIES - WW			4.00				
01 550280	UTILITIES - WW			4.00				
01 550280	UTILITIES - WW			24.00				

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4880	WEST VALLEY CITY	CONT						
I-202010085938	SEP 2020 STORMWATER	D	10/14/2020			001118		
01 550280	UTILITIES - WW	3100 S	DECKER LAKE D	24.00				
01 550280	UTILITIES - WW	1460 W	3100 S	28.00				
01 530280	UTILITIES - WATER/OPS	1313 W	3300 S	12.00				
01 550280	UTILITIES - WW	1360 W	3100 S	8.00				
01 550280	UTILITIES - WW	2117 W	2343 S	52.00				
01 530280	UTILITIES - WATER/OPS	1629 W	2320 S	28.00				
01 550280	UTILITIES - WW	2250 S	CONSTITUTION	4.00				
01 530280	UTILITIES - WATER/OPS	4080 S	2200 W	8.00				
01 530280	UTILITIES - WATER/OPS	4080 S	2200 W	8.00				
01 530280	UTILITIES - WATER/OPS	2386 S	3600 W	60.00				
01 530280	UTILITIES - WATER/OPS	4404 S	4800 W	16.00				
01 530280	UTILITIES - WATER/OPS	6551 W	4100 S	12.00				
01 550280	UTILITIES - WW	2149 W	3100 S	4.00				
01 550280	UTILITIES - WW	2557 S	5370 W	12.00				
01 530280	UTILITIES - WATER/OPS	4525 S	6000 W	8.00				
01 530280	UTILITIES - WATER/OPS	4381 S	NUGGET DR	8.00				
01 550280	UTILITIES - WW	2911 S	2910 W	4.00				
01 550280	UTILITIES - WW	2212 W	3100 S	20.00				
01 530280	UTILITIES - WATER/OPS	3222 S	CULTURAL CENT	28.00				948.00
1730	CLYDE SNOW & SESSIONS							
I-152354	MATTER 006400/GENERAL	D	10/21/2020			001119		
01 510500	LEGAL EXPENSE	MATTER	006400/GENERA	10,220.30				10,220.30
2400	GRANGER HUNTER IMP DIST							
I-202010215960	GHID-2 OCT 2020	D	10/21/2020			001120		
01 530280	UTILITIES - WATER/OPS	GHID-2	OCT 2020	98.69				98.69
4596	UTAH DEPT WORKFORCE SERVICES							
I-202010205954	R 6-910392-0/SEP 2020	D	10/21/2020			001121		
01 500180	STATE UNEMPLOYMENT	R 6-910392-0/SEP 202		1,528.98				1,528.98
0001	US TREASURY							
I-T1 202010275965	FEDERAL WITHHOLDING	D	10/27/2020			001122		
01 23010	FEDERAL W/H & MEDICARE PAYABLE	FEDERAL WITHHOLDING		12,712.46				
I-T4 202010275965	MEDICARE WITHHOLDING	D	10/27/2020			001122		
01 23010	FEDERAL W/H & MEDICARE PAYABLE	MEDICARE WITHHOLDING		2,256.71				
01 500150	MEDICARE	MEDICARE WITHHOLDING		2,256.71				17,225.88
2532	HEALTHSAVINGS INC							
I-HSB202010275965	HEALTH SAVINGS ACCOUNT	D	10/27/2020			001123		
01 22090	CAFETERIA PLAN PAYABLE	HEALTH SAVINGS ACCOU		3,588.29				3,588.29

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4640	UTAH RETIREMENT SYSTEMS							
I-2DC202010275965	TIER 2 DEFINED CONTRIBUTION	D	10/27/2020			001124		
01 500110	STATE RETIREMENT PLAN	TIER 2	DEFINED CONTR	521.69				
I-2HY202010275965	TIER 2 HYBRID CONTRIBUTION	D	10/27/2020			001124		
01 500110	STATE RETIREMENT PLAN	TIER 2	HYBRID CONTRI	9,290.66				
I-45%202010275965	457 CONTRIBUTION %	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	457	CONTRIBUTION %	140.64				
I-457202010275965	457 CONTRIBUTION AMOUNT	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	457	CONTRIBUTION AMO	90.00				
I-4K2202010275965	401(K) \$ TIER 2 EMP CONTRIB	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K)	\$ TIER 2 EMP	20.00				
I-4KP202010275965	401(K) % CONTRIBUTION AMOUNT	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K)	% CONTRIBUTIO	95.92				
I-DC4202010275965	TIER 2 DC 401K	D	10/27/2020			001124		
01 500110	STATE RETIREMENT PLAN	TIER 2	DC 401K	779.82				
I-HY4202010275965	TIER 2 HYBRID 401K	D	10/27/2020			001124		
01 500110	STATE RETIREMENT PLAN	TIER 2	HYBRID 401K	523.36				
I-RT2202010275965	TIER 2 ROTH IRA CONTRIB AMOUNT	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	TIER 2	ROTH IRA CONT	450.00				
I-RTH202010275965	ROTH IRA CONTRIBUTION AMNT	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	ROTH	IRA CONTRIBUTIO	330.00				
I-T24202010275965	TIER 2 - 457 CONTRIB	D	10/27/2020			001124		
01 22040	RETIREMENT CONTRIB PAYABLE	TIER 2	- 457 CONTRIB	5.00				
I-USR202010275965	UT STATE RET CONTRIBUTION	D	10/27/2020			001124		
01 500110	STATE RETIREMENT PLAN	UT	STATE RET CONTRIB	16,935.88				29,182.97
2400	GRANGER HUNTER IMP DIST							
I-202010225961	GHID-3 OCT 2020	D	10/28/2020			001125		
01 530280	UTILITIES - WATER/OPS	GHID-3	OCT 2020	251.84				
01 550280	UTILITIES - WW	GHID-3	OCT 2020	53.00				304.84
1290	ARBUCKLE, JUSTIN							
I-202008115871	2020 BOOT REIMBURSEMENT	V	8/12/2020			120968		100.00
1290	ARBUCKLE, JUSTIN							
M-CHECK	ARBUCKLE, JUSTIN	UNPOST	V	10/14/2020		120968		100.00CR
1064	ACE RECYCLING & DISPOSAL							
I-0002183457	OCT 2020 MONTHLY CHARGES	R	10/07/2020			121257		
01 510220	BUILDING & GROUNDS	OCT	2020 MONTHLY CHA	262.20				262.20
1120	AIRGAS USA, LLC							
I-9105346836	ARGON GAS FOR WELDER	R	10/07/2020			121258		
01 570230	VEHICLE MAINT & FUEL - VEH	ARGON	GAS FOR WELDER	34.54				34.54

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1470	BLUE STAKES OF UTAH UTILITY I-UT202002441 01 510470	R	10/07/2020 SEP 2020 MONTHLY CHA	1,403.10		121259		1,403.10
1650	CDW GOVERNMENT LLC I-2130450 01 510440 I-2206132 01 510440 I-2269466 01 510440	R	10/07/2020 Server Replacement COMPUTER SUPPLIES/EQUIPMENT Server Replacement R 10/07/2020 Server Replacement R 10/07/2020 Server Replacement R 10/07/2020 Server Replacement	2,119.92 2,847.82 1,398.68		121260 121260 121260		6,366.42
1723	CHEMTECH-FORD, INC. I-20I1100 01 520270	R	10/07/2020 WELL 12, 16, 17 SAMPLING WATER TESTING FEES	2,590.00		121261		2,590.00
1725.5	CINTAS CORPORATION I-4062871777 01 510220	R	10/07/2020 MATS/EMP CLOTHING BUILDING & GROUNDS	122.99		121262		122.99
1920	DAVIS DISTRIBUTING CO I-IN056480 01 570910 I-IN056481 01 570910 I-IN056981 01 570910	R	10/07/2020 FLOOR MATS FOR NEW VEHICL MACHINERY & EQUIPMENT - VEH FLOOR MATS FOR NEW VEHICL R 10/07/2020 MACHINERY & EQUIPMENT - VEH FLOOR MATS FOR NEW V R 10/07/2020 FLOOR MATS FOR NEW VEHICL MACHINERY & EQUIPMENT - VEH FLOOR MATS FOR NEW V	268.35 178.90 89.45		121263 121263 121263		536.70
1959	DISH I-202010055935 01 510440	R	10/07/2020 OCT 2020 MONTHLY CHARGES COMPUTER SUPPLIES/EQUIPMENT	65.56		121264		65.56
1980	DOMINION ENERGY I-202010055936 01 530280 01 530280 01 550280 01 550280 01 550280 01 550280 01 530280 01 530280 01 530280 01 530280 01 530280 01 550280 01 530280 01 510460 01 530280 01 530280 01 530280	R	10/07/2020 SEP 2020 MONTHLY CHARGES UTILITIES - WATER/OPS 3222 S CULTURAL CENT UTILITIES - WATER/OPS 2320 S 1600 W UTILITIES - WW 2911 WHISTLING LN UTILITIES - WW 4555 S 6000 W UTILITIES - WW 6000 W 2920 S UTILITIES - WATER/OPS 4092 S 2200 W UTILITIES - WATER/OPS 1285 W 2320 S UTILITIES - WATER/OPS 1540 W 3100 S UTILITIES - WW 2151 W 3100 S UTILITIES - WATER/OPS 2390 S 3600 W UTILITIES - ADMIN 2880 S 3600 W UTILITIES - WATER/OPS 4500 S 4800 W REAR UTILITIES - WATER/OPS 6525 W 4100 S UTILITIES - WATER/OPS 3745 S 1000 W WH #8	7.65 7.65 7.65 7.65 12.57 7.77 10.03 7.16 26.78 25.91 191.39 17.43 17.39 7.16		121265		354.19

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2184.1	FASTENAL COMPANY							
I-UTSAL68027	PPE VENDING SUPPLIES	R	10/07/2020			121266		
01 510490	SAFETY EXPENSE			319.19				319.19
2380	GRAINGER INC							
I-9667285630	AIR COMPRESSOR SWITCH	R	10/07/2020			121267		
01 570230	VEHICLE MAINT & FUEL - VEH			55.12				55.12
2443	GS TRACKME LLC							
I-7458	OCT 2020 GPS TRACKING SERVICE	R	10/07/2020			121268		
01 510440	COMPUTER SUPPLIES/EQUIPMENT			1,049.60				1,049.60
2490	HANSEN, ALLEN & LUCE, INC.							
I-42771	20D:KENT BOOSTER RPLCMNT & TNK	R	10/07/2020			121269		
01 520920-20D	KENT BOOSTER RPLCMNT & TANK			29,754.55				
I-42799	18C:METER 80 PIPING/PROFESSION	R	10/07/2020			121269		
01 520920-18C	METER 80 PIPING MODIFICATIONS			1,411.11				31,165.66
2620	HYDRO SPECIALTIES CO							
I-23603	Clamps R & R	R	10/07/2020			121270		
01 530210	REPAIR SUPPLIES - CONST			12,495.11				12,495.11
2637	INDUSTRIAL SAFETY EQUIPMENT, L							
I-2020-20134	PPE-HYDRANT MAINTENANCE	R	10/07/2020			121271		
01 510490	SAFETY EXPENSE			79.80				79.80
2908.1	KUKER-RANKEN INC							
I-INV-066646	Magnetic Locator	R	10/07/2020			121272		
01 520240	TOOLS & SUPPLIES - ENG			1,090.00				1,090.00
2987	LEXISNEXIS RISK SOLUTIONS							
I-1256831-20200930	SEP 2020 MINIMUM COMMITMENT	R	10/07/2020			121273		
01 510430	GENERAL ADMINISTRATIVE			50.00				50.00
3174	MORGAN ASPHALT, INC.							
I-20J:NO 2	PMT 2/20J:GHID HDQTRS ASPHALT	R	10/07/2020			121274		
01 520920-20J	GHID HDQTRS ASPHALT IMPROVE			13,757.94				13,757.94
3210	MOUNTAINLAND SUPPLY COMPANY							
I-S103756456.001	METERS FOR GRANT	R	10/07/2020			121275		
01 510530	PUBLIC RELATIONS/CONSERVATION 2" T2 OMNI			4,033.48				
01 510530	PUBLIC RELATIONS/CONSERVATION 1.5" T2 OMNI			3,400.52				7,434.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3243	NPW/AUTO VALUE							
I-44-00342337	Muffin Monster light bulb	R	10/07/2020			121276		
01 550210	REPAIR SUPPLIES - WW		Muffin Monster light	4.80				4.80
3245	NATIONAL BENEFIT SERVICES LLC							
I-770408	SEP 2020 COBRA	R	10/07/2020			121277		
01 510520	PROFESSIONAL CONSULTING		SEP 2020 COBRA	72.80				72.80
3389	ONESOURCE PROPERTY MAINTENANCE							
I-148507389	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	1,245.13				
I-148507396	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507397	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507398	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507399	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507400	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507401	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507402	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	125.38				
I-148507406	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	510.00				
I-148507457	Grounds Maintenance	R	10/07/2020			121278		
01 530210	REPAIR SUPPLIES - CONST		Grounds Maintenance	1,329.13				3,961.92
3401	OWEN EQUIPMENT COMPANY							
I-00099879	FLOAT BALL CAGE #57	R	10/07/2020			121279		
01 570230	VEHICLE MAINT & FUEL - VEH		FLOAT BALL CAGE #57	235.16				
01 570230	VEHICLE MAINT & FUEL - VEH		FLOAT BALL CAGE #57	45.95				281.11
3567	PADFIELD INC							
I-231470-00	TIRES FOR #14	R	10/07/2020			121280		
01 570230	VEHICLE MAINT & FUEL - VEH		TIRES FOR #14	503.88				503.88
3970	SHERWIN WILLIAMS							
I-2373-5	Fire Hydrant paint	R	10/07/2020			121281		
01 530210	REPAIR SUPPLIES - CONST		Fire Hydrant paint	324.96				324.96

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3971	SHI CORP I-B12350028 01 510440	R	10/07/2020	8,321.23		121282		8,321.23
3980	SHRED-IT USA I-8180550880 01 510430	R	10/07/2020	74.95		121283		74.95
4238	STEP SAVER INC I-UT140029 01 530260	R	10/07/2020	1,232.26		121284		1,232.26
4248	STREAMLINE I-107260 01 510440	R	10/07/2020	550.00		121285		550.00
4350	THE DATA CENTER I-52345 01 510420	R	10/07/2020	3,181.96		121286		3,181.96
	I-52346 01 510420	R	10/07/2020	8,584.98		121286		11,766.94
4510	UNITED PARCEL SERVICE I-000037Y34X400 01 560210	R	10/07/2020	44.38		121287		44.38
4703.1	VERACITY NETWORKS, LLC I-4619357 01 510470	R	10/07/2020	2,605.20		121288		2,605.20
4910	WHEELER MACHINERY CO I-PS001039201 01 530210	R	10/07/2020	109.28		121289		109.28
4938	WINGFOOT CORPORATION I-105560 01 510220	R	10/07/2020	1,889.00		121290		1,889.00
1725	CHILD SUPPORT SERVICES I-CS2202010135944 01 22080	R	10/13/2020	84.46		121291		84.46
1725	CHILD SUPPORT SERVICES I-CS3202010135944 01 22080	R	10/13/2020	172.62		121292		172.62

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2902	I-G07202010135944 01 22080	KIRK A CULLIMORE CIVIL NO 190402707 GARNISHMENT PAYABLE	R 10/13/2020 CIVIL NO 190402707	315.94		121293		315.94
4870	I-4K\$202010135944 01 500120	WELLS FARGO ADVISORS 401(K) CONTRIBUTIONS 401K PLAN EXPENSE	R 10/13/2020 401(K) CONTRIBUTIONS	17,336.53		121294		
	I-4K%202010135944 01 22040	401(K) CONTRIBUTIONS RETIREMENT CONTRIB PAYABLE	R 10/13/2020 401(K) CONTRIBUTIONS	268.25		121294		
	01 500120	401K PLAN EXPENSE	401(K) CONTRIBUTIONS	943.69				
	I-LMS202010135944 01 22040	401(K) LOAN PAYMENT RETIREMENT CONTRIB PAYABLE	R 10/13/2020 401(K) LOAN PAYMENT	1,915.62		121294		20,464.09
1	I-202010145946 01 43099	MENEMSHA DEVELOPMENT, ,FH REF MISC INCOME	R 10/14/2020 MENEMSHA DEVELOPMENT	1,004.04		121295		1,004.04
1	I-202010145949 01 43099	DAK DRILLING, ,FIRE HYD RFD MISC INCOME	R 10/14/2020 DAK DRILLING, :,FIRE	343.39		121296		343.39
1210	I-202010085943 01 21015	AMERICAN EXPRESS SEP 2020 PURCHASES AMEX/MC PAYABLE	R 10/14/2020 SEP 2020 PURCHASES	42,998.10		121297		
	01 11600	CREDIT CARD POINTS	SAFETY PTS/K COLEMAN	104.05CR				
	01 11600	CREDIT CARD POINTS	SAFETY PTS/K COLEMAN	32.33CR				
	01 510430	GENERAL ADMINISTRATIVE	SAFETY PTS/K COLEMAN	103.96				
	01 510430	GENERAL ADMINISTRATIVE	SAFETY PTS/K COLEMAN	32.33				
	01 12060	A/R - OTHER	SEP UASD INTUIT CHR	48.49				
	01 510430	GENERAL ADMINISTRATIVE	RETIREMENT GIFT/K CO	79.99				
	01 510410	OFFICE SUPPLIES/PRINTING	BATTERIES/PHONE HEAD	64.77				
	01 510480	TRAINING & EDUCATION - ADM	RENEWAL/CRSS CNNCTN/	125.00				
	01 510410	OFFICE SUPPLIES/PRINTING	TISSUE/NOTEBOOKS/NOT	368.16				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200482	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200483	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200485	150.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200491	150.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200484	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200493	150.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200486	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200487	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200498	150.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200488	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200489	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200500	150.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200490	50.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200517	150.00				
	01 530210	REPAIR SUPPLIES - CONST	WVC PT#20200519	150.00				

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1210	AMERICAN EXPRESS	CONT						
I-202010085943	SEP 2020 PURCHASES	R	10/14/2020			121297		
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200492	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200522	150.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200494	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200526	150.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200527	150.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200495	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200496	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200497	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200499	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200501	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200502	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200503	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200504	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200505	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200506	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200516	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200518	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200521	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200523	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200524	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200525	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200528	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200529	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200530	50.00				
01 510410	OFFICE SUPPLIES/PRINTING		BUDGET BINDERS	136.78				
01 510480	TRAINING & EDUCATION - ADM		CITIWORKS TRNG/SPACK	1,000.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200544	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200545	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200546	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200547	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200548	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200549	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200550	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200552	50.00				
01 530210	REPAIR SUPPLIES - CONST	WVC	PT#20200543	400.00				
01 530210	REPAIR SUPPLIES - CONST		PLANT STORM WTR PERM	150.00				
01 510410	OFFICE SUPPLIES/PRINTING		INK	74.74				
01 510480	TRAINING & EDUCATION - ADM		REG/STORM WTR SUMMIT	50.00				
01 570910	MACHINERY & EQUIPMENT - VEH		#9/SEAT COVERS	154.39				
01 510410	OFFICE SUPPLIES/PRINTING		DRY ERASE MARKERS	3.45				
01 560210	REPAIR SUPPLIES - METER		#52/LAPTOP MOUNT	113.49				
01 570910	MACHINERY & EQUIPMENT - VEH		#9/SEAT COVERS TAX R	9.90CR				
01 510440	COMPUTER SUPPLIES/EQUIPMENT		HARDRIVES/HISTORIAN	60.85				
01 560210	REPAIR SUPPLIES - METER		#52/LAPTOP TRAY HOLD	74.99				
01 510480	TRAINING & EDUCATION - ADM		CERT RENEWAL/WST WTR	25.00				
01 510490	SAFETY EXPENSE		SAFETY PTS/S STARR	35.04				

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1210	AMERICAN EXPRESS	CONT						
I-202010085943	SEP 2020 PURCHASES	R	10/14/2020			121297		
01 510440	COMPUTER SUPPLIES/EQUIPMENT		REDUNDANT PWR SUPP/S	725.20				
01 510410	OFFICE SUPPLIES/PRINTING		OFFICE SUPPLIES	67.38				
01 510430	GENERAL ADMINISTRATIVE		AMAZON PRIME ANNUAL	127.63				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200558	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200573	150.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200566	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200567	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200568	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200574	150.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200569	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200571	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200581	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200580	150.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200575	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200576	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200577	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200572	200.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200578	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200579	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200582	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200584	150.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200583	50.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200601	400.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200590	100.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200594	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200593	100.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200597	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200603	400.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200595	100.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200596	100.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200600	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200605	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200598	100.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200599	200.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200607	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200608	100.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200604	400.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200606	400.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200610	300.00				
01 530210	REPAIR SUPPLIES - CONST		WVC PT #20200609	100.00				

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1268.1	APPLICANTPRO							
I-135096	NOV 2020 MONTHLY CHARGES	R	10/14/2020			121298		
01 510430	GENERAL ADMINISTRATIVE		NOV 2020 MONTHLY CHA	169.00				169.00
1290	ARBUCKLE, JUSTIN							
I-202008115871	2020 BOOT REIMBURSEMENT	R	10/14/2020 Reissue			121299		
01 510490	SAFETY EXPENSE		2020 BOOT REIMBURSEM	100.00				100.00
1434	BATTERY SYSTEMS INC							
I-6031004	BATTERIES- SIGN TRAILR #3	R	10/14/2020			121300		
01 570230	VEHICLE MAINT & FUEL - VEH		BATTERIES- SIGN TRAI	457.52				457.52
1450	BELLISTON, TROY							
I-202010085941	REIMB PUMP, BUTANE	R	10/14/2020			121301		
01 550240	TOOLS & SUPPLIES - WW		PUMP FOR VOLUTES	13.93				
01 550240	TOOLS & SUPPLIES - WW		BUTANE FOR TV TRUCK	5.56				19.49
1650	CDW GOVERNMENT LLC							
I-2578728	Server Replacement	R	10/14/2020			121302		
01 510440	COMPUTER SUPPLIES/EQUIPMENT		Server Replacement	4,135.88				4,135.88
1670	CENTRAL VALLEY WATER REC FACIL							
I-202010145947	SEP 2020 INVOICE	R	10/14/2020			121303		
01 580310	FACILITY OPERATION - C.V.		FACILITY OPERATION	327,333.75				
01 580340	PRETREATMENT FIELD - C.V.		PRETREATMENT FIELD	18,388.12				
01 580350	LABORATORY - C.V.		ENTITY LAB WORK	557.00				
01 580350	LABORATORY - C.V.		NET LAB COSTS	20,618.17				
01 580320	PROJECT BETTERMENTS- C.V.		MONTHLY CIP	157,855.35				
01 580380	CVW DEBT SERVICE		LOAN PAYMENT	161,074.96				685,827.35
1723	CHEMTECH-FORD, INC.							
I-20J0053	WELL 12, 16, 17 SAMPLING	R	10/14/2020			121304		
01 520270	WATER TESTING FEES		WELL 12, 16, 17 SAMP	2,685.00				2,685.00
2102	ENTERPRISE FM TRUST							
I-FBN4053638	OCT 2020 VEHICLE LEASE CHARGES	R	10/14/2020			121305		
01 510235	VEHICLE LEASE		UNIT 3 LEASE CHARGES	481.76				
01 510235	VEHICLE LEASE		UNIT 7 LEASE CHARGES	532.29				
01 510235	VEHICLE LEASE		UNIT 16 LEASE CHARGE	572.38				
01 510235	VEHICLE LEASE		UNIT 22 LEASE CHARGE	552.12				
01 510235	VEHICLE LEASE		UNIT 32 LEASE CHARGE	2,071.78				
01 510235	VEHICLE LEASE		UNIT 32 MAINT CHARGE	8.00				
01 510235	VEHICLE LEASE		UNIT 33 LEASE CHARGE	540.01				
01 510235	VEHICLE LEASE		UNIT 37 LEASE CHARGE	500.16				
01 510235	VEHICLE LEASE		UNIT 38 LEASE CHARGE	521.55				
01 510235	VEHICLE LEASE		UNIT 50 LEASE CHARGE	829.19				
01 510235	VEHICLE LEASE		UNIT 59 LEASE CHARGE	540.01				
01 510235	VEHICLE LEASE		UNIT 30 LEASE CHARGE	995.67				

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2102	ENTERPRISE FM TRUST CONT							
I-FBN4053638	OCT 2020 VEHICLE LEASE CHARGES	R	10/14/2020			121305		
01 510235	VEHICLE LEASE	UNIT 30	MAINT CHARGE	8.00				
01 510235	VEHICLE LEASE	UNIT 14	LEASE CHARGE	621.10				
01 510235	VEHICLE LEASE	UNIT 5	LEASE CHARGES	621.10				
01 510235	VEHICLE LEASE	UNIT 1	LEASE CHARGES	731.33				
01 510235	VEHICLE LEASE	UNIT 54	LEASE CHARGE	684.80				
01 510235	VEHICLE LEASE	UNIT 47	LEASE CHARGE	712.53				
01 510235	VEHICLE LEASE	UNIT 28	LEASE CHARGE	289.09				
01 510235	VEHICLE LEASE	UNIT 21	LEASE CHARGE	2,052.07				
01 510235	VEHICLE LEASE	UNIT 53	LEASE CHARGE	623.32				
01 510235	VEHICLE LEASE	UNIT 27	LEASE CHARGE	472.09				
01 510235	VEHICLE LEASE	UNIT 52	LEASE CHARGE	472.09				
01 510235	VEHICLE LEASE	UNIT 55	LEASE CHARGE	472.09				
01 510235	VEHICLE LEASE	UNIT 12	LEASE CHARGE	616.91				
01 510235	VEHICLE LEASE	UNIT 60	LEASE CHARGE	480.16				17,001.60
2127	ESRI INC							
I-93914256	ESRI Renewal	R	10/14/2020			121306		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	ESRI Renewal		9,022.00				9,022.00
2184.1	FASTENAL COMPANY							
I-UTSAL68211	PPE VENDING SUPPLIES	R	10/14/2020			121307		
01 510490	SAFETY EXPENSE	PPE VENDING SUPPLIES		305.63				305.63
2380	GRAINGER INC							
I-9675597828	Dry well Exhaust fan East	R	10/14/2020			121308		
01 550210	REPAIR SUPPLIES - WW	Dry well Exhaust fan		375.68				
I-9675612957	Cooling Fan for Unit 35	R	10/14/2020			121308		
01 550240	TOOLS & SUPPLIES - WW	Cooling Fan for Unit		26.43				402.11
2590	HOME DEPOT CREDIT SERVICES							
I-202010085942	SEP 2020 PURCHASES	R	10/14/2020			121309		
01 550240	TOOLS & SUPPLIES - WW	SHRINK TUBE/TV TRUCK		5.94				
01 510440	COMPUTER SUPPLIES/EQUIPMENT	WELL 8/FLOURIDE		27.02				
01 530210	REPAIR SUPPLIES - CONST	BREEZE/SPRINKLERS		4.32				
01 510440	COMPUTER SUPPLIES/EQUIPMENT	WELL 12 FLOURIDE/TOO		139.76				
01 530210	REPAIR SUPPLIES - CONST	WELL 12/SODIUM HYPO		18.52				
01 530210	REPAIR SUPPLIES - CONST	4548 W 3205 S/REPAIR		96.62				
01 520270	WATER TESTING FEES	HAND TORCH PROPANE		35.91				
01 530210	REPAIR SUPPLIES - CONST	#9/SPRINKLERS YARD		1.26				
01 550210	REPAIR SUPPLIES - WW	KEYS & BATTERIES		20.53				
01 530210	REPAIR SUPPLIES - CONST	WELL 12/ELECTRICAL F		5.31				
01 520240	TOOLS & SUPPLIES - ENG	MARKING WAND PAINT		47.36				
01 520920-20M	BLDG A BATHROOM UPGRADES	2 DISHWASHERS/MICROW		1,707.00				
01 530210	REPAIR SUPPLIES - CONST	TORCH/CUT-OFF DISKS/		59.92				
01 530210	REPAIR SUPPLIES - CONST	CONCRETE REMEDIATION		78.44				
01 550240	TOOLS & SUPPLIES - WW	GRINDER/BLADES		163.97				

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2590	HOME DEPOT CREDIT SERVCONT I-202010085942 01 550240 01 510440	R	10/14/2020	139.00CR 35.71		121309		2,308.59
2790	JORDAN VALLEY WATER CONSERVANC I-INV00812 01 520270	R	10/14/2020	537.60		121310		537.60
2844	KDK CONSTRUCTION I-20M:NO 2 01 520920-20M	R	10/14/2020	22,673.27		121311		22,673.27
2980	LES OLSON CO I-EA960065 01 510410	R	10/14/2020	297.15		121312		297.15
3009	LOVELAND, BRUCE I-202010145948 01 510490	R	10/14/2020	100.00		121313		100.00
3010	LOWES COMPANIES INC I-202010085940 01 570230	R	10/14/2020	12.24		121314		12.24
3210	MOUNTAINLAND SUPPLY COMPANY I-S102555186.001 01 510440 I-S103743666.001 01 520920 I-S103743666.002 01 520920 I-S103743666.003 01 520920	R	10/14/2020	6,630.63 12,718.26 7,965.49 635.91		121315		27,950.29
3243	NPW/AUTO VALUE I-44-00343891 01 550240 I-44-00343946 01 550210	R	10/14/2020	7.54 15.18		121316		22.72
3245	NATIONAL BENEFIT SERVICES LLC I-772639 01 510520 01 510520	R	10/14/2020	300.00 3,600.00		121317		3,900.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3401	OWEN EQUIPMENT COMPANY							
I-00099914	RODDER PUMP KIT #41	R	10/14/2020			121318		
01 570230	VEHICLE MAINT & FUEL - VEH	RODDER PUMP RELAY KI		873.28				873.28
3550	PSOMAS							
I-166653	19F:3600 W WATERLINE/PROFESSIO	R	10/14/2020			121319		
01 520920-19F	3600 WEST WATERLINE	19F:3600 W WATERLINE		4,360.00				4,360.00
3743	ROCKY MOUNTAIN AIR SOLUTIONS							
I-30206637	Oxygen and Acetylene	R	10/14/2020			121320		
01 530240	TOOLS & SUPPLIES - CONST	Oxygen and Acetylene		122.48				
I-30206646	TANK FILL	R	10/14/2020			121320		
01 560210	REPAIR SUPPLIES - METER	TANK FILL		122.48				244.96
3747	ROCKY MTN POWER							
I-202010145945	PIONEER WSTWTR PMP/SRVC CNTRCT	R	10/14/2020			121321		
01 520920-20E	PIONEER WWPS REPLACEMENT	PIONEER WSTWTR PMP/S		15,243.27				15,243.27
3747	ROCKY MTN POWER							
I-202010145950	SEP 2020 MONTHLY CHARGES	R	10/14/2020			121322		
01 530280	UTILITIES - WATER/OPS	SEP 2020 MONTHLY CHA		104,049.02				
01 510460	UTILITIES - ADMIN	SEP 2020 MONTHLY CHA		4,381.20				
01 550280	UTILITIES - WW	SEP 2020 MONTHLY CHA		13,985.22				122,415.44
3760	RON TURLEY ASSOCIATES INC							
I-59468	2021 MAINTNCE AGRMNT/SFT UPDAT	R	10/14/2020			121323		
01 570240	TOOLS - VEH	2021 MAINTENANCE AGR		900.00				
01 570240	TOOLS - VEH	2021 ANNUAL SOFTWARE		50.00				950.00
4000	SILVER SPUR CONSTRUCTION							
I-19F:NO 2	PMT 2/19F:3600 WEST WATERLINE	R	10/14/2020			121324		
01 520920-19F	3600 WEST WATERLINE	PMT 2/19F:3600 WEST		577,072.23				577,072.23
4324	TEKCOLLECT							
I-468605	SEP 2020 COLLECTIONS	R	10/14/2020			121325		
01 510430	GENERAL ADMINISTRATIVE	SEP 2020 COLLECTIONS		115.32				115.32
4405	THOMAS PETROLEUM							
I-2324301-IN	FUEL FOR RIDGELAND/YARD	R	10/14/2020			121326		
01 510230	VEHICLE FUEL - ADM	FUEL FOR RIDGELAND/Y		3,612.97				3,612.97
4587	UTAH COMMUNICATIONS, INC							
I-128511	RADIOS MOVED TO NEW UNITS	R	10/14/2020			121327		
01 570230	VEHICLE MAINT & FUEL - VEH	RADIOS MOVED TO NEW		587.22				587.22

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4693	UTOPIA I-EPIV00000626367 01 510470	R	10/14/2020 OCT 2020 FIBER OPTIC	500.00		121328		500.00
1	AGC OF UTAH, I-202010205955 01 43099	R	10/21/2020 AGC OF UTAH, :,FIRE H	703.67		121329		703.67
1	TITAN ELECTRIC, I-202010205957 01 43099	R	10/21/2020 TITAN ELECTRIC, :,FIR	422.30		121330		422.30
1142	ALLIANZ CONSULTING SOLUTIONS, I-202010205956 01 510540	R	10/21/2020 SEP 20 CC FEE REDUC	402.02		121331		402.02
1434	BATTERY SYSTEMS INC I-6054565 01 550210	R	10/21/2020 Batteries-Office gen	585.36		121332		585.36
1500	BOWEN COLLINS AND ASSOCIATES I-24446 01 520920-20F	R	10/21/2020 20F:DCKR MN WWPS PMP	2,865.00		121333		8,740.75
	I-24452 01 520920-20E	R	10/21/2020 20E:PIONEER WWPS REP	5,875.75		121333		
1610	CARDWELL DISTRIBUTING I-0693087-IN 01 550210	R	10/21/2020 Muffin Monster Oil	827.95		121334		827.95
1625	CARSON ELEVATOR, LLC I-J59276 01 510220	R	10/21/2020 2020 4TH QTR ELEVATO	388.29		121335		388.29
1725.5	CINTAS CORPORATION I-4064081203 01 510220	R	10/21/2020 MATS	119.24		121336		119.24
1725.7	CISCO SYSTEMS I-5100354059 01 510440	R	10/21/2020 OCT 2020 WEBEX EVENT	113.30		121337		113.30
1740	COLONIAL FLAG AND SPECIALTY CO I-0225952-IN 01 510220	R	10/21/2020 FLAG ROTATION	103.00		121338		103.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1911	DATA SERVICES - SLCO							
I-27685	OCT 2020 MONTHLY CHARGES	R	10/21/2020			121339		
01 510430	GENERAL ADMINISTRATIVE	OCT 2020 MONTHLY CHA		71.38				71.38
1930	DENTAL SELECT							
I-5556471	NOV 2020 PREMIUM PAY	R	10/21/2020			121340		
01 500130	HEALTH INSURANCE	RETIREE DENTAL INS		612.17				
01 500130	HEALTH INSURANCE	C JENSEN COBRA (NOV		96.86				
I-DIF202009295926	DENTAL INSURANCE FAMILY	R	10/21/2020			121340		
01 500130	HEALTH INSURANCE	DENTAL INSURANCE FAM		5,617.88				
I-DIS202009295926	DENTAL INSURANCE SINGLE	R	10/21/2020			121340		
01 500130	HEALTH INSURANCE	DENTAL INSURANCE SIN		186.06				6,512.97
2103	ENVIRONMENTAL PRODUCTS & ACCES							
I-248435	Flange, H-Roller	R	10/21/2020			121341		
01 550240	TOOLS & SUPPLIES - WW	Flange, H-Roller		400.00				
01 550240	TOOLS & SUPPLIES - WW	Flange, H-Roller		3.00				403.00
2380	GRAINGER INC							
I-9681341039	Fluorescent Bulbs	R	10/21/2020			121342		
01 530210	REPAIR SUPPLIES - CONST	Fluorescent Bulbs		75.00				
I-9684676936	pump seal water filters	R	10/21/2020			121342		
01 550210	REPAIR SUPPLIES - WW	pump seal water filt		404.20				479.20
2505	HARMONS DIST.							
I-111720/1	SYMPATHY/D ARMSTRONG	R	10/21/2020			121343		
01 510430	GENERAL ADMINISTRATIVE	SYMPATHY/D ARMSTRONG		49.50				49.50
2780	JONES & DEMILLE ENGINEERING							
I-0123501	20H:4100 S SWR-6000-6400 W/PRO	R	10/21/2020			121344		
01 520920-20H	4100 S SEWERLINE-6000 W-6400 W	20H:4100 S SWR-6000-		922.75				922.75
2790	JORDAN VALLEY WATER CONSERVANC							
I-202010155951	SEP 2020 WATER DELIVERIES	R	10/21/2020			121345		
01 530250	WATER SUPPLY EXPENSE	SEP 2020 WATER DELIV		1,324,574.82				1,324,574.82
3003	LINCOLN NATIONAL LIFE INSURANC							
I-4151634062	ACCT:BL-1183524/NOV 20 LFE/LTD	R	10/21/2020			121346		
01 500170	LIFE/LTD/LTC INSURANCE	ACCT:BL-1183524/NOV		4,987.18				4,987.18
3167	MOEAKIOLA, DAVID							
I-202010215958	2020 BOOT REIMBURSEMENT	R	10/21/2020			121347		
01 510490	SAFETY EXPENSE	2020 BOOT REIMBURSEM		100.00				100.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3215	MOUNTAIN VALLEY MECHANICAL							
I-INV5419	2020 3RD QTR HVAC PM	R	10/21/2020			121348		
01 510220	BUILDING & GROUNDS		2020 3RD QTR HVAC PM	840.25				
I-INV5428	REPLACE 1 CHILLER FAN	R	10/21/2020			121348		
01 510220	BUILDING & GROUNDS		REPLACE 1 CHILLER FA	1,567.00				2,407.25
3243	NPW/AUTO VALUE							
I-44-00345499	CAP FOR VACTOR REPAIR	R	10/21/2020			121349		
01 570230	VEHICLE MAINT & FUEL - VEH		CAP FOR VACTOR REPAI	7.88				7.88
3375	OCCUPATIONAL HEALTH CENTERS							
I-14395807	PRE-EMPLOYMENT SCREENING	R	10/21/2020			121350		
01 510520	PROFESSIONAL CONSULTING		PRE-EMPLOYMENT SCREE	266.00				266.00
3691	RELINER/DURAN INC.							
I-37743	Interior Manhole Drops	R	10/21/2020			121351		
01 550210	REPAIR SUPPLIES - WW		Drop Assemblies	1,616.03				1,616.03
3722	RHINO PUMPS LLC							
I-INV2925	Emergency Well Repair	R	10/21/2020			121352		
01 530210	REPAIR SUPPLIES - CONST		Emergency Well Repai	6,550.14				
01 530210	REPAIR SUPPLIES - CONST		Emergency Well Repai	8,939.50				15,489.64
3983	SIDEWINDERS LLC							
I-INV2020-203	Warner pump repair	R	10/21/2020			121353		
01 550210	REPAIR SUPPLIES - WW		Warner pump repair	2,500.00				
01 550210	REPAIR SUPPLIES - WW		Warner pump repair	560.24				3,060.24
4189	STANLEY CONSULTANTS, INC							
I-0226378	18K:PRINTERS ROW WATERLINE REP	R	10/21/2020			121354		
01 520920-18K	PRINTERS ROW WATERLINE REPLACE		18K:PRINTERS ROW WAT	3,823.20				3,823.20
4238	STEP SAVER INC							
I-T402926	SALT FOR CAR WASH	R	10/21/2020			121355		
01 570230	VEHICLE MAINT & FUEL - VEH		SALT FOR CAR WASH	252.25				252.25
4340	THATCHER COMPANY							
I-1505998	Well 8 Fluoride	R	10/21/2020			121356		
01 530260	WATER TREATMENT CHEMICALS		Well 8 Fluoride	2,700.00				
01 530260	WATER TREATMENT CHEMICALS		Well 8 Fluoride	402.00				3,102.00
4454	TRAFFIC SAFETY RENTALS							
I-00022698	Sign Rentals	R	10/21/2020			121357		
01 530210	REPAIR SUPPLIES - CONST		Sign Rentals	101.50				
I-00022711	Sign Rentals	R	10/21/2020			121357		
01 530210	REPAIR SUPPLIES - CONST		Sign Rentals	285.68				387.18

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4479	TYLER TECHNOLOGIES							
I-025-309716	2020 3RD QTR INSITE TRANS FEE	R	10/21/2020			121358		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	2020	3RD QTR INSITE	6,532.50				
I-025-310099	2020 3RD QTR UTIL BILL NOTIFY	R	10/21/2020			121358		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	2020	3RD QTR UTIL BI	518.10				
I-025-310640	ANNL MTN/CIS-DOC MGMT-TAX-TY U	R	10/21/2020			121358		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	ANNL	MTN/CIS-DOC MGM	17,902.26				24,952.86
4545	UNUM LIFE INSURANCE CO OF AMER							
I-202010215959	NOV 2020 LTC PREMIUM PAYMENT	R	10/21/2020			121359		
01 500170	LIFE/LTD/LTC INSURANCE	NOV	2020 LTC PREMIUM	212.20				
I-UNM202009295926	LONG TERM CARE ER	R	10/21/2020			121359		
01 22060	OTHER INSURANCE PAYABLE	LONG	TERM CARE ER	1.75				
I-UNM202010135944	LONG TERM CARE ER	R	10/21/2020			121359		
01 22060	OTHER INSURANCE PAYABLE	LONG	TERM CARE ER	1.75				215.70
4652	UTAH STATE TREASURER							
I-202010195952	2020 UNCLAIMED/FEIN#87-6112008	R	10/21/2020			121360		
01 12013	A/R - REFUNDS PAYABLE	2020	UNCLAIMED/FEIN#	2,109.19				2,109.19
4739	WARR, ANDREW D							
I-202010205953	2020 BOOT REIMBURSEMENT	R	10/21/2020			121361		
01 510490	SAFETY EXPENSE	2020	BOOT REIMBURSEM	100.00				100.00
1725	CHILD SUPPORT SERVICES							
I-CS2202010275965	CASE #C001446501	R	10/27/2020			121362		
01 22080	GARNISHMENT PAYABLE	CASE	#C001446501	84.46				84.46
1725	CHILD SUPPORT SERVICES							
I-CS3202010275965	CASE #C001355847	R	10/27/2020			121363		
01 22080	GARNISHMENT PAYABLE	CASE	#C001355847	172.62				172.62
2902	KIRK A CULLIMORE							
I-G07202010275965	CIVIL NO 190402707	R	10/27/2020			121364		
01 22080	GARNISHMENT PAYABLE	CIVIL	NO 190402707	315.94				315.94
4870	WELLS FARGO ADVISORS							
I-4K\$202010275965	401(K) CONTRIBUTIONS	R	10/27/2020			121365		
01 500120	401K PLAN EXPENSE	401(K)	CONTRIBUTIONS	17,346.56				
I-4K%202010275965	401(K) CONTRIBUTIONS	R	10/27/2020			121365		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K)	CONTRIBUTIONS	259.78				
01 500120	401K PLAN EXPENSE	401(K)	CONTRIBUTIONS	924.16				
I-LMS202010275965	401(K) LOAN PAYMENT	R	10/27/2020			121365		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K)	LOAN PAYMENT	1,915.62				20,446.12

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1160	ALPINE SUPPLY							
I-239996	Large Meter Capital	R	10/28/2020			121366		
01 520920	INFRASTRUCTURE PURCHASES	Large Meter Capital		57.71				57.71
1269	APOSHIAN GARDENS							
I-100620	Sod Emergency Site Repair	R	10/28/2020			121367		
01 530210	REPAIR SUPPLIES - CONST	Sod Emergency Site R		507.60				
I-100820	Sod Emergency Site Repair	R	10/28/2020			121367		
01 530210	REPAIR SUPPLIES - CONST	Sod Emergency Site R		253.80				761.40
1434	BATTERY SYSTEMS INC							
I-6074914	Genarator Battery	R	10/28/2020			121368		
01 550210	REPAIR SUPPLIES - WW	Genarator Battery		88.10				88.10
1450	BELLISTON, TROY							
I-202010275967	REIMB BATTERY CHRGR/CHSTRFLD	R	10/28/2020			121369		
01 550240	TOOLS & SUPPLIES - WW	REIMB BATTERY CHRGR/		5.35				5.35
1465	BLACK SHEEP OILFIELD SVCS, LLC							
I-19C:NO 2	PMT 2/19C:2200 W WATERLINE	R	10/28/2020			121370		
01 520920-19C	2200 W WATERLINE PROJECT	PMT 2/19C:2200 W WAT		111,780.80				111,780.80
1725.5	CINTAS CORPORATION							
I-4065365571	MATS	R	10/28/2020			121371		
01 510220	BUILDING & GROUNDS	MATS		119.24				119.24
1741	COLONIAL LIFE & ACCIDENT INSUR							
I-CLA202009295926	COLONIAL LIFE INS AFTER TAX	R	10/28/2020			121372		
01 22050	HEALTH INSURANCE PAYABLE	COLONIAL LIFE INS AF		62.46				
I-CLA202010135944	COLONIAL LIFE INS AFTER TAX	R	10/28/2020			121372		
01 22050	HEALTH INSURANCE PAYABLE	COLONIAL LIFE INS AF		62.46				
I-CLA202010275965	COLONIAL LIFE INS AFTER TAX	R	10/28/2020			121372		
01 22050	HEALTH INSURANCE PAYABLE	COLONIAL LIFE INS AF		62.46				
I-CLP202009295926	COLONIAL LIFE INS PRETAX	R	10/28/2020			121372		
01 22050	HEALTH INSURANCE PAYABLE	COLONIAL LIFE INS PR		58.53				
I-CLP202010135944	COLONIAL LIFE INS PRETAX	R	10/28/2020			121372		
01 22050	HEALTH INSURANCE PAYABLE	COLONIAL LIFE INS PR		58.53				
I-CLP202010275965	COLONIAL LIFE INS PRETAX	R	10/28/2020			121372		
01 22050	HEALTH INSURANCE PAYABLE	COLONIAL LIFE INS PR		58.53				362.97
1744	COLTON, INC.							
I-61749	20M:BLDG A BATHROOM UPGRD/PROF	R	10/28/2020			121373		
01 520920-20M	BLDG A BATHROOM UPGRADES	20M:BLDG A BATHROOM		459.00				459.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1771	CONSERVE-A-WATT LIGHTING, INC							
I-S100009727.001	EXTERIOR WALLPACK LIGHTS	R	10/28/2020			121374		
01 510220	BUILDING & GROUNDS			4,160.00				
I-S100015468.001	Lights for station yards	R	10/28/2020			121374		
01 550210	REPAIR SUPPLIES - WW			1,986.00				6,146.00
1945	DEX YP							
I-202010265963	SEP 2020 ADVERTISING CHARGE	R	10/28/2020			121375		
01 510470	TELEPHONE			132.00				
I-202010275964	OCT 2020 ADVERTISING CHARGE	R	10/28/2020			121375		
01 510470	TELEPHONE			132.00				264.00
2070	ECT SALES AND SERVICE							
I-18990	4 MEGATRONIC FANS	R	10/28/2020			121376		
01 510440	COMPUTER SUPPLIES/EQUIPMENT			385.40				385.40
2184.1	FASTENAL COMPANY							
I-MN019465610	PPE VENDING SUPPLIES	R	10/28/2020			121377		
01 510490	SAFETY EXPENSE			20.00				
I-UTSAL68442	PPE VENDING SUPPLIES	R	10/28/2020			121377		
01 510490	SAFETY EXPENSE			187.29				207.29
2490	HANSEN, ALLEN & LUCE, INC.							
I-42950	20D:KENT BOOSTER RPLCMNT & TNK	R	10/28/2020			121378		
01 520920-20D	KENT BOOSTER RPLCMNT & TANK			23,767.45				23,767.45
2525	HAWKINS AND COMPANY							
I-11976	Well 17 NaOCl Board	R	10/28/2020			121379		
01 510440	COMPUTER SUPPLIES/EQUIPMENT			5,038.00				5,038.00
2637	INDUSTRIAL SAFETY EQUIPMENT, L							
I-2020-20267	PPE/T-SHIRTS,SWEATSHIRTS,VESTS	R	10/28/2020			121380		
01 510490	SAFETY EXPENSE			441.70				441.70
2734	J-U-B ENGINEERS, INC.							
I-0137746	20B:RUSHTON WTR TRTMT PLT/PROF	R	10/28/2020			121381		
01 520920-20B	RUSHTON WATER TREATMENT PLANT			44,682.38				44,682.38
2734.5	JACQUES & ASSOCIATES							
I-1491	19F:3600 W WATERLINE/PROFESSIO	R	10/28/2020			121382		
01 520920-19F	3600 WEST WATERLINE			11,218.00				
I-1493	19C:2200 W WATERLINE/PROFESSIO	R	10/28/2020			121382		
01 520920-19C	2200 W WATERLINE PROJECT			6,349.22				
I-1494	18K:PRINTERS ROW WTRLN REPLACE	R	10/28/2020			121382		
01 520920-18K	PRINTERS ROW WATERLINE REPLACE			10,293.50				27,860.72

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2820	JUNIPER SYSTEMS INC							
I-00113392	HANDHELD REPAIR	R	10/28/2020			121383		
01 560210	REPAIR SUPPLIES - METER			90.00				
01 560210	REPAIR SUPPLIES - METER			1.59				91.59
2971	LEGALSHIELD							
C-202010285969	W/H ROUNDING ADJ	R	10/28/2020			121384		
01 500170	LIFE/LTD/LTC INSURANCE			0.07CR				
I-LSP202009295926	LEGAL SHIELD PAYABLE	R	10/28/2020			121384		
01 22061	LEGAL SHIELD PAYABLE			102.65				
I-LSP202010135944	LEGAL SHIELD PAYABLE	R	10/28/2020			121384		
01 22061	LEGAL SHIELD PAYABLE			102.65				
I-LSP202010275965	LEGAL SHIELD PAYABLE	R	10/28/2020			121384		
01 22061	LEGAL SHIELD PAYABLE			102.65				307.88
3003	LINCOLN NATIONAL LIFE INSURANC							
I-VLI202010135944	ACCT:BL-1579923/VOLUNTARY LIFE	R	10/28/2020			121385		
01 22062	VOLUNTARY LIFE PAYABLE			178.36				
I-VLI202010275965	ACCT:BL-1579923/VOLUNTARY LIFE	R	10/28/2020			121385		
01 22062	VOLUNTARY LIFE PAYABLE			178.36				356.72
3210	MOUNTAINLAND SUPPLY COMPANY							
I-S103756456.002	METERS FOR GRANT	R	10/28/2020			121386		
01 510530	PUBLIC RELATIONS/CONSERVATION 2" T2 OMNI			4,033.48				4,033.48
3375	OCCUPATIONAL HEALTH CENTERS							
I-14410358	PRE-EMP SCREENING	R	10/28/2020			121387		
01 510520	PROFESSIONAL CONSULTING			71.00				71.00
3403	PACE ANALYTICAL SERVICES, LLC							
I-2035386305	2019 UCMR4	R	10/28/2020			121388		
01 520270	WATER TESTING FEES			536.00				536.00
3693	RENEGADE OIL INC							
I-122454	Office interceptor cleani	R	10/28/2020			121389		
01 550210	REPAIR SUPPLIES - WW			1,000.00				
01 550210	REPAIR SUPPLIES - WW			840.00				1,840.00
3755	ROLFE EXCAVATING AND CONST							
I-18K:NO 4	PMT 4/18K:PRINTERS ROW WTRLNE	R	10/28/2020			121390		
01 520920-18K	PRINTERS ROW WATERLINE REPLACEMENT 4/18K:PRINTERS R			682,724.49				682,724.49
3950	SELECTHEALTH							
I-202010285968	NOV 2020 PREMIUM PAYMENT	R	10/28/2020			121391		
01 500130	HEALTH INSURANCE			10,502.80				
01 500130	HEALTH INSURANCE			1,324.80				
I-FSM202009295926	HEALTH INS FAM. SELECT MED	R	10/28/2020			121391		
01 500130	HEALTH INSURANCE			76,954.40				
I-SSM202009295926	SINGLE SELECT MED	R	10/28/2020			121391		

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3950	SELECTHEALTH I-SSM202009295926 01 500130	CONT	R 10/28/2020	3,183.60		121391		91,965.60
4140	SPRINKLER SUPPLY CO I-U43343 01 530210 01 530210		R 10/28/2020	50.00 30.95		121392		80.95
4238	STEP SAVER INC I-UT136967 01 530260		R 10/28/2020	1,318.64		121393		1,318.64
4478	TYLER BUSINESS FORMS I-51110 01 510410		R 10/28/2020	583.61		121394		583.61
4510	UNITED PARCEL SERVICE I-000037Y34X430 01 570230		R 10/28/2020	15.03		121395		15.03
4570	UTAH ASSOCIATION OF SPECIAL DI I-202010285970 01 510430		R 10/28/2020	13,179.00		121396		13,179.00
4870	WELLS FARGO ADVISORS I-202010225962 01 22040		R 10/28/2020	8,796.77		121397		8,796.77

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	141	4,151,078.47	0.00	4,151,178.47
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	21	155,812.25	0.00	155,812.25
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	1 VOID DEBITS	100.00		
	VOID CREDITS	100.00CR	0.00	

TOTAL ERRORS: 0

** G/L ACCOUNT TOTALS **

G/L ACCOUNT	NAME	AMOUNT
01 11600	CREDIT CARD POINTS	136.38CR
01 12013	A/R - REFUNDS PAYABLE	2,109.19
01 12060	A/R - OTHER	48.49
01 21015	AMEX/MC PAYABLE	42,998.10
01 22040	RETIREMENT CONTRIB PAYABLE	15,406.76
01 22050	HEALTH INSURANCE PAYABLE	362.97
01 22060	OTHER INSURANCE PAYABLE	3.50
01 22061	LEGAL SHIELD PAYABLE	307.95
01 22062	VOLUNTARY LIFE PAYABLE	356.72
01 22080	GARNISHMENT PAYABLE	1,146.04
01 22090	CAFETERIA PLAN PAYABLE	7,276.58
01 23010	FEDERAL W/H & MEDICARE PAYABLE	30,061.36
01 41020	SEWER SERVICE CHARGES	6,379.34
01 43099	MISC INCOME	2,473.40
01 500110	STATE RETIREMENT PLAN	56,085.62
01 500120	401K PLAN EXPENSE	36,550.94
01 500130	HEALTH INSURANCE	98,478.57
01 500150	MEDICARE	4,513.17
01 500160	WORKERS COMP INS	2,676.05
01 500170	LIFE/LTD/LTC INSURANCE	5,199.31
01 500180	STATE UNEMPLOYMENT	1,528.98
01 510220	BUILDING & GROUNDS	9,571.21
01 510230	VEHICLE FUEL - ADM	3,612.97
01 510235	VEHICLE LEASE	17,001.60
01 510410	OFFICE SUPPLIES/PRINTING	1,596.04
01 510420	POSTAGE & MAILING	11,766.94
01 510430	GENERAL ADMINISTRATIVE	14,053.06
01 510440	COMPUTER SUPPLIES/EQUIPMENT	68,429.40
01 510460	UTILITIES - ADMIN	5,144.59
01 510470	TELEPHONE	8,512.83
01 510480	TRAINING & EDUCATION - ADM	1,200.00
01 510490	SAFETY EXPENSE	1,788.65
01 510500	LEGAL EXPENSE	10,220.30
01 510520	PROFESSIONAL CONSULTING	4,309.80
01 510530	PUBLIC RELATIONS/CONSERVATION	11,467.48
01 510540	BANKING & BONDING EXPENSE	402.02
01 520240	TOOLS & SUPPLIES - ENG	1,137.36
01 520270	WATER TESTING FEES	6,384.51
01 520920	INFRASTRUCTURE PURCHASES	23,704.57
01 520920-18C	METER 80 PIPING MODIFICATIONS	1,411.11
01 520920-18K	PRINTERS ROW WATERLINE REPLACE	696,841.19
01 520920-19C	2200 W WATERLINE PROJECT	118,130.02
01 520920-19F	3600 WEST WATERLINE	592,650.23
01 520920-20B	RUSHTON WATER TREATMENT PLANT	44,682.38
01 520920-20D	KENT BOOSTER RPLCMNT & TANK	53,522.00
01 520920-20E	PIONEER WWPS REPLACEMENT	21,119.02

** G/L ACCOUNT TOTALS **

G/L ACCOUNT	NAME	AMOUNT
01 520920-20F	DECKR MN WWPS PUMP RPLC-PH 2	2,865.00
01 520920-20H	4100 S SEWERLINE-6000 W-6400 W	922.75
01 520920-20J	GHID HDQTRS ASPHALT IMPROVE	13,757.94
01 520920-20M	BLDG A BATHROOM UPGRADES	24,839.27
01 530210	REPAIR SUPPLIES - CONST	67,944.59
01 530240	TOOLS & SUPPLIES - CONST	122.48
01 530250	WATER SUPPLY EXPENSE	1,324,574.82
01 530260	WATER TREATMENT CHEMICALS	5,652.90
01 530280	UTILITIES - WATER/OPS	107,196.68
01 550210	REPAIR SUPPLIES - WW	10,869.22
01 550240	TOOLS & SUPPLIES - WW	492.72
01 550280	UTILITIES - WW	14,280.87
01 560210	REPAIR SUPPLIES - METER	446.93
01 570230	VEHICLE MAINT & FUEL - VEH	3,080.07
01 570240	TOOLS - VEH	950.00
01 570910	MACHINERY & EQUIPMENT - VEH	681.19
01 580310	FACILITY OPERATION - C.V.	327,333.75
01 580320	PROJECT BETTERMENTS- C.V.	157,855.35
01 580340	PRETREATMENT FIELD - C.V.	18,388.12
01 580350	LABORATORY - C.V.	21,175.17
01 580380	CVW DEBT SERVICE	161,074.96
	*** FUND TOTAL ***	4,306,990.72

VENDOR SET: 01	BANK: GENCK TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
		163	4,306,990.72	0.00	4,306,990.72
BANK: GENCK	TOTALS:	163	4,306,990.72	0.00	4,306,990.72
REPORT TOTALS:		163	4,306,990.72	0.00	4,306,990.72

SELECTION CRITERIA

VENDOR SET: 01-GRANGER-HUNTER IMPRV DIST
VENDOR: ALL
BANK CODES: All
FUNDS: All

CHECK SELECTION

CHECK RANGE: 000000 THRU 999999
DATE RANGE: 10/01/2020 THRU 10/31/2020
CHECK AMOUNT RANGE: 0.00 THRU 999,999,999.99
INCLUDE ALL VOIDS: YES

PRINT OPTIONS

SEQUENCE: CHECK NUMBER

PRINT TRANSACTIONS: YES
PRINT G/L: YES
UNPOSTED ONLY: NO
EXCLUDE UNPOSTED: NO
MANUAL ONLY: NO
STUB COMMENTS: NO
REPORT FOOTER: NO
CHECK STATUS: NO
PRINT STATUS: * - All

Capital Projects Status – November 17, 2020

18B: 4100 South Waterline Replacement - Bangerter Highway to 5600 West

Capital Project:	4100 South Pipeline Replacement
Consultant (Design):	Horrocks Engineers (WVC/UDOT)
Consultant (CM):	PEC (Project Engineering Consultants)
Contractor:	Geneva Rock Products, Inc.
Design Progress:	100%
Construction Progress:	90%
Original Construction:	\$4,803,454
Current Contract:	\$4,946,695
Change Order %:	2.9%

Project Description: Replacement of 8-inch and 10-inch cast iron pipe along 4100 South with new 12-inch PVC, and replacement of valves and installation of loops along the existing 16-inch/20-inch shotcoat transmission pipeline. This project is being funded with a loan from the Utah State Revolving Fund (SRF) Program.

Project Update: The contractor has re-paved portions of the road and now meets specification for the crown. They are in the process of raising the District's manholes and valve box lids. The Falcon Street PRV is waiting for electrical components.

18K: Printer's Row Waterline Replacement

Capital Project:	Printers Row (2320 South) Waterline
Consultant:	Stanley Consultants
Contractor:	Rolfe Excavating & Construction, Inc.
Design Progress:	100%
Construction Progress:	80%
Original Construction:	\$2,836,059.53
Current Contract:	\$2,874,500.60
Change Order %:	1.4%

Project Description: Replacement of aging 6-inch, 8-inch, and 12-inch cast iron pipe along Printers Row, 2200 South, 2000 West, and 1800 West with PVC pipe. This project is being funded with a loan from the Utah State Revolving Fund (SRF) Program.

Project Update: The pipe installation on Printers Row, 1800 West, and 2000 West is complete. Pipe installation on 2200 South will be done in the next few weeks. Several businesses are now connected to the new waterline. Reestablishing water service and fire lateral connections is ongoing.



Intersection at 4800 W.



New fire hydrant



Compacting new 8" pipeline



Capital Projects Status

19C: 2200 West Waterline

Capital Project:	2200 West (3800 South to 4100 South)
Consultant:	Franson Civil Engineers
Contractor:	Black Sheep Oilfield Services
Design Progress:	100%
Construction Progress:	40%
Original Construction:	\$911,888.00
Current Contract:	\$911,888.00
Change Order %:	-

Project Description: Replacement of existing 8-inch cast iron pipe installed in 1960 along 2200 West (between 3800 South and 4100 South) with PVC pipe. This project is being funded with a loan from the Utah SRF Program.

Project Update: The new 8-inch pipeline has been installed on Todd Lane and on 2200 West from 4100 South to Red Robin Road. The contractor has installed water service connections from 4100 South to Todd Lane. Recent snow stalled progress for a few days. The road will be paved when the weather warms back up to 50° F and rising. If cold weather continues to be an issue the work may be suspended until Spring 2021 or work will continue with the installation of temporary asphalt.



Draining existing waterline for tie-in on Bird Song Road



Applying wax tape on fittings

19D: Large Meter Replacements

Capital Project:	19D: PRV Station & Large Meter Vault Upgrades
Consultant:	Forsgren Associates, Inc.
Contractor:	Lance Excavating, Inc.
Design Progress:	100%
Construction Progress:	100%
Original Construction:	\$482,385.00
Current Contract:	\$554,638.63
Change Order %:	15.0%

Project Description: Replacement of existing 4-inch and 6-inch meter vaults at various locations. This is one of the District's annually recurring maintenance/replacement projects.

Project Update: Construction has been completed and all meter vaults are in service. A punch list walkthrough will be scheduled soon.



Removing the existing Stone Creek Meter Vault



Inside the new Stone Creek Meter Vault



Capital Projects Status

19F: 3600 West Waterline Project

Capital Project:	Well No. 4 - 3600 West Pipeline
Consultant:	PSOMAS
Contractor:	Silver Spur Construction
Design Progress:	100%
Construction Progress:	75%
Original Construction:	\$1,584,034.00
Current Contract:	\$1,584,034.00
Change Order %:	0%

Project Description: Replacement of existing 8-inch cast iron waterline mostly within the 3600 West right-of-way and between the Sorenson Tank (approximately 5350 South) and 4700 South with 18-inch PVC pipe. Work also includes improvements to the tank's overflow piping and access hatches, and addition of safety railings on top of the tank. This project is being funded with a loan from the Utah SRF Program.

Project Update: The pipe installation on 3600 West including the jack and bore under the Utah and Salt Lake Canal is complete. The contractor is getting ready to connect the new 18-inch pipeline to the existing 12-inch at 4700 South. The remaining work to be performed include pipe installation at the tank site, water tank improvements, and electrical work including RTU panel construction.



Pipe installation near Mulberry Apartments



Installing steel casing under canal using jack and bore method

20A&I: Redwood Road – 4100 South to 3100 South Water and Sewer Upgrades

- Capital Project: Redwood Road 3100 S to 4100 S
- Pre-design: Horrocks Engineers
- Consultant: To be determined
- Contractor: To be determined
- Design Progress: 0%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: Replace aging distribution piping in Redwood Road and construct a new sewer line running north to provide additional capacity for new growth. The pipelines will be funded by the Utah SRF and sewer lines will be funded by District impact fees.

Project Update: The pre-design report is complete. District staff are working on an RFP to hire a consultant to design the project.



Capital Projects Status

20B: Rushton Groundwater Treatment Plant

- Capital Project: Wells 1, 12, 17 Treatment Facility
- Consultant: J-U-B Engineers
- Contractor: To be determined
- Design Progress: 30%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: A new water treatment facility to remove iron, manganese and ammonia from Wells No. 1, 12 and 17 at the Well No. 12 site at 1490 West 3100 South. The project also includes piping in 3300 South and tie-ins in 3100 South.

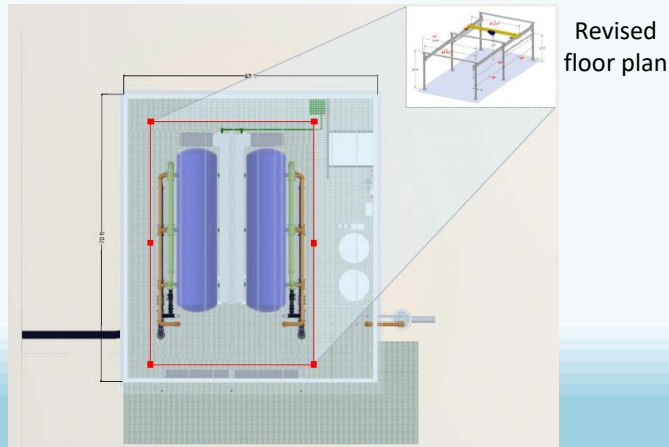
Project Update: The Filter Pre-purchase RFP is posted on UP3 (Utah Public Procurement Place aka SciQuest). Proposals are due November 17, 2020. Design is on-going.

20C: Sewer Rehabilitation Project

- Capital Project: Sewer Lining and Manhole Rehabilitation
- Consultant: GHID
- Contractor: Granite Inliner, LLC
- Design Progress: 100%
- Construction Progress: 0%
- Original Construction: \$429,840.00
- Current Contract: \$582,728.00
- Change Order %: 35.6%

Project Description: Rehabilitation of existing sanitary sewer pipelines by installing a continuous Cured-in-Place resin impregnated tube of Thermosetting Resin Sewer Pipe (CIPP). This is one of the District's annually recurring maintenance/replacement projects.

Project Update: Rehabilitation of the 10-inch and almost all the 8-inch is complete. The contractor is working on the 27-inch sewer. Substantial completion is December 7, 2020 but the contractor expects to finish the work before this date.



Capital Projects Status

20D: Kent Booster Pump Station Replacement and Tank Purchase

- Capital Project: Tank Farm Booster Replacement/Tank Purchase/Energy Improvements Project
- Consultant: Hansen, Allen & Luce
- Contractor: To be determined
- Design Progress: 35%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: Replacement of the existing Kent Booster Pump Station at Tank Farm (4400 South 4800 West), site piping replacements, and purchase of two existing 5 MG Jordan Valley Water tanks.

Project Update: The property descriptions are complete and have been sent out for appraisal.



Proposed property purchase (blue) and easements (yellow).

20E: Pioneer WWPS Replacement

- Capital Project: Pioneer WWPS Replacement
- Consultant: Bowen Collins & Associates, Inc.
- Contractor: To be determined
- Design Progress: 80%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: Replacement of the existing 500 GPM Pioneer Wastewater Pump Station located at 2250 South Constitution Boulevard with a new pump station to be located at 2184 South Constitution Boulevard.

Project Update: Design is ongoing. The District has signed a Service Agreement with Rocky Mountain Power for electrical service. Brighton Canal is abandoning a section of their canal, so the District is working on an agreement with the canal company to make them relinquish and quit their easement claim on the District's pump station property as well as on Constitution Boulevard. Both parties have reached a mutual agreement and will sign the agreement when it is finalized.



Capital Projects Status

20F: Decker Main WWPS Pump Replacement – Phase 2

- Capital Project: Decker Main Pump (and Discharge Piping) Replacement
- Consultant: Bowen Collins & Associates, Inc.
- Contractor: Corrio Construction, Inc.
- Design Progress: 100%
- Construction Progress: 0%
- Original Construction: \$438,251.00
- Current Contract: \$447,529.51
- Change Order %: 2.1%

Project Description: Replacement of existing pumps and the discharge header piping at the Decker Main Wastewater Pump Station.

Project Update: The pump delivery date has been pushed back to late January 2021. Submittals for the wet well bubbler system has been approved and will ship in November and arrive in December 2020. The contractor plans to install the bubbler when it arrives and delay the rest of the installations until the pump delivery date approaches.

20G: Building B Remodel/Addition

- Capital Project: Building E Storage/Office Expansion
- Consultant: EDA (Edwards Daniels Architects)
- Contractor: To be determined
- Design Progress: 10%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: Upgrades/repair of the Building B, including bathroom and kitchen remodel, and remodel of the mezzanine and/or addition.

Project Update: Consultant has prepared budget estimates for Building B remodel/addition. The proposed work includes remodeling the existing bathrooms and kitchen, relocating three offices upstairs on the mezzanine, and constructing an additional 12 offices on the north side of the building. Awaiting final budget approval before proceeding.



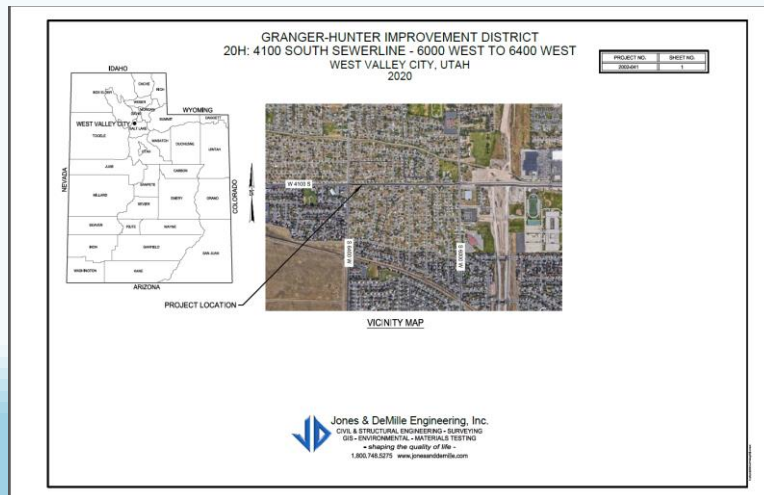
Capital Projects Status

20H: 4100 South Sewerline – 6000 West to 6400 West

- Capital Project: 4100 South Sewer – 6000 West to 6400 West
- Consultant: Jones & DeMille Engineering
- Contractor: To be determined
- Design Progress: 95%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: This sewer project is along 4100 South from 6000 West to 6400 West and consists of upsizing the existing sewer comprised of 8-inch and 10-inch RCP pipes to a 15-inch PVC sewer. The District has allocated funding to design the sewer replacement in 2020 with construction anticipated to occur in 2021.

Project Update: The consultant has sent final draft drawings and specifications to the District for review. The project will be advertised for bid after revisions (if any) are made.



Project Location and Limits

20K: 4700 South Waterline Replacement – 5600 West Intersection

- Capital Project: -
- Consultant: H.W. Lochner, Inc.
- Contractor: To be determined
- Design Progress: 10%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: This project will replace the existing 12-inch steel waterline at the 4700 South 5600 West intersection with PVC.

Project Update: Design is ongoing.



Capital Projects Status

20M: Building A Bathrooms Remodel

- Capital Project: Building A HVAC/Plumbing Improvements
- Consultant: DesignWest Architects
- Contractor: KDK Construction
- Design Progress: 100%
- Construction Progress: 60%
- Budget: \$135,000
- Original Construction: \$58,712.00
- Current Contract: \$75,958.13
- Change Order %: 29.4%

Project Description: The restrooms on the 2nd Floor and the Basement of the Administration Building are in need of rehabilitation and upgrades (the main floor was completed two years ago). This project will also divide up the District Engineer's old office into two smaller ones.

Project Update: Offices and bathrooms are complete; awaiting completion of the kitchen plumbing/electrical.



Completed new office.

21A: Large Meter Replacements

- Capital Project: -
- Consultant: GHID
- Contractor: To be determined
- Design Progress: -
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: Replacement of existing 4-inch and 6-inch meter vaults at various locations. This is one of the District's annually recurring maintenance/replacement projects.

Project Update: The District has identified eight (8) meter vault locations for this project. Design is ongoing.



Capital Projects Status

21C: Kearns Interconnects along 4700 South

- Capital Project: Kearns Improvement District Emergency Interconnections
- Consultant: Hansen, Allen & Luce, Inc.
- Contractor: To be determined
- Design Progress: 5%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

Project Description: Kearns Improvement District has requested new emergency water interconnects along 4700 South. GHID and KID have an existing interconnect at 6000 West and 4750 South.

Project Update: The Consultant has identified the preferred locations for the interconnects and is beginning design documents.



Capital Projects Status

Small Projects:

Water Innovation Center:

Project Description: Modifying the old Well No. 7 pump house in Chesterfield to use as a pipe coupon exhibit and training area. Design and construction by District staff.

Project Update: The outer walls are complete. Additional modifi

3425 West Water Line Replacement:

Project Description: Replacement of an existing 4-inch cast iron waterline on a dead-end street from 3540 South to approximately 3585 South.

Project Update: Design is 100% complete. District crews will construct.

Well No. 15 Discharge Relocation:

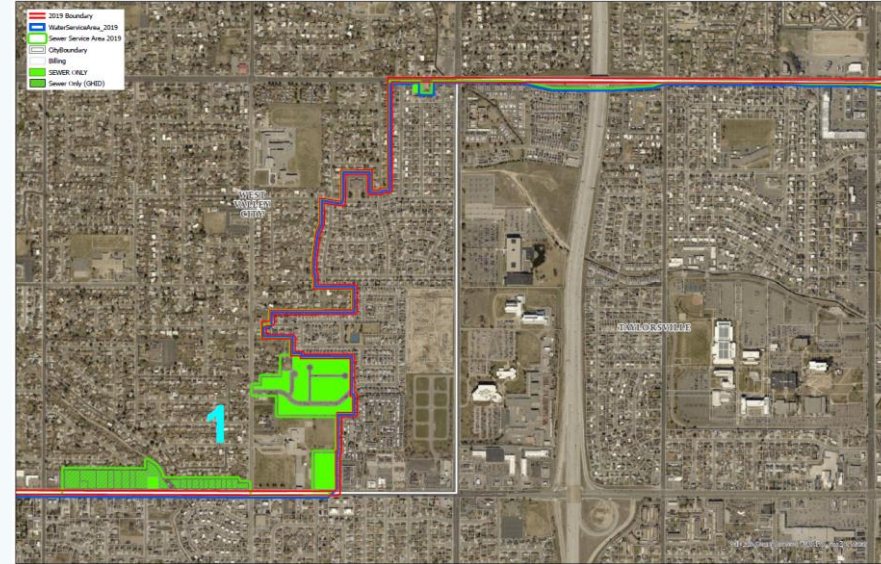
Project Description: The Brighton Canal West Branch is closing down, and with it our discharge from Well No. 15. We will be relocating the discharge point into the West Valley City storm drain ditch next to the canal.

Project Update: Design is 90% complete and has been sent to West Valley City for their review. District crews will construct.

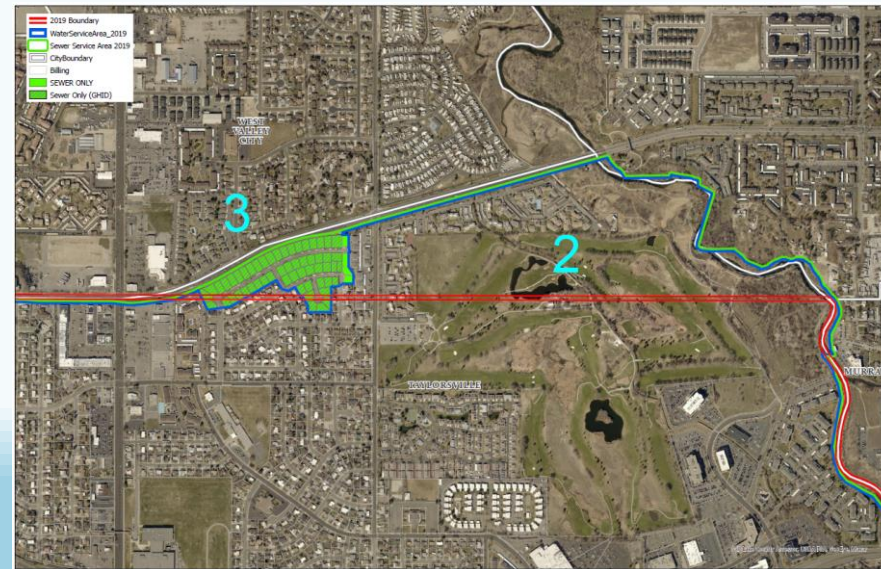
Taylorville-Bennion Improvement District Interlocal Agreement

Project Description: Formalize the interlocal agreement with TBID regarding shared utility service (i.e. GHID provides water service, TBID provides wastewater service).

Project Update: Met with TBID to begin the process. Customer Service staff are compiling information on the parcels where shared utility service exists.



Shared utility service near 4700 S. and 3200 W.



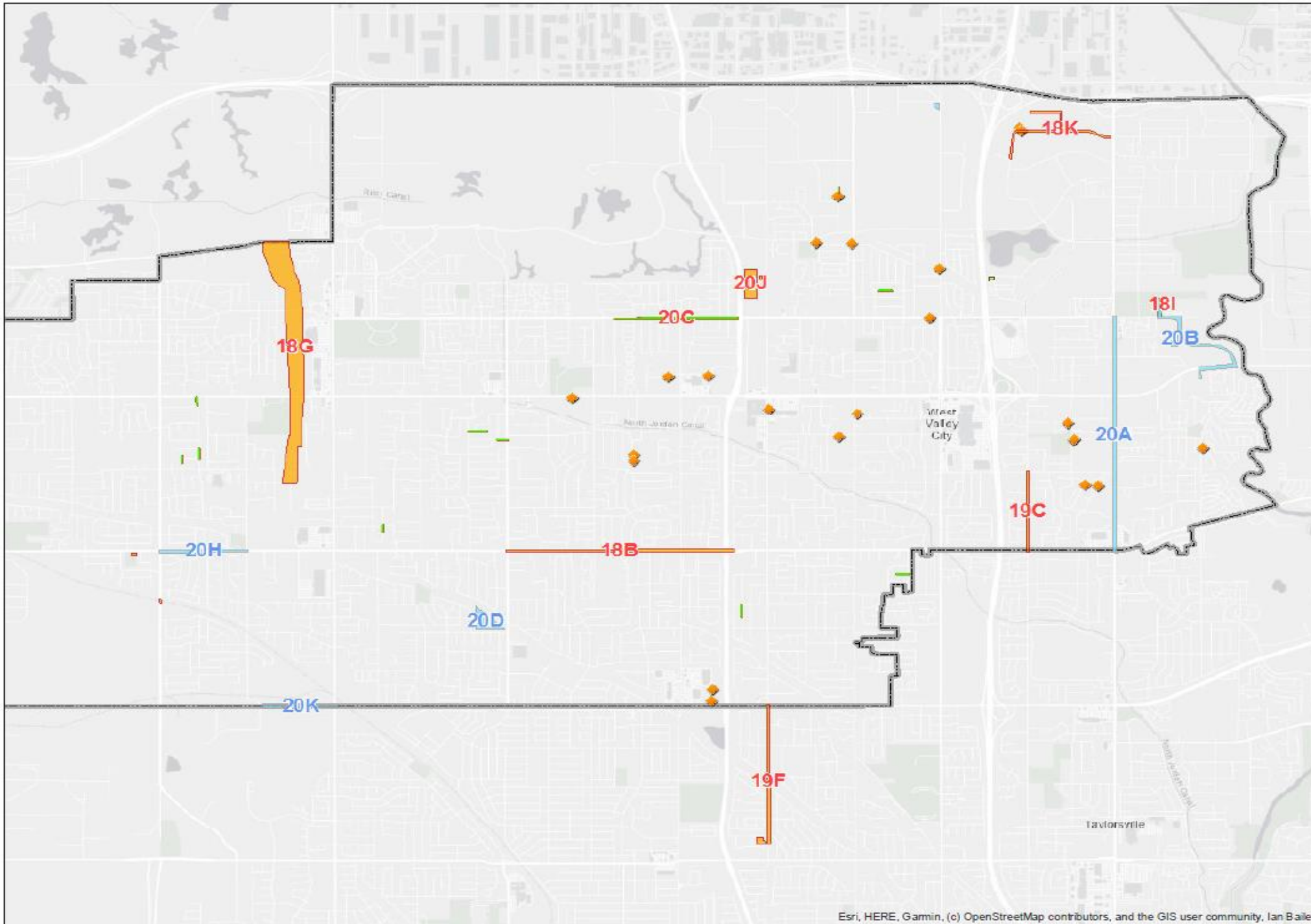
Shared utility service near 4100 S. and 1500 W.





GRANGER-HUNTER
IMPROVEMENT DISTRICT

ArcGIS Web Map



Legend

20C: 2020 Sewer Rehabilitation Project

Planned Projects

Approved

Projects in Progress

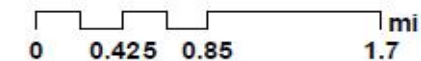
Designed

Under Construction

21A: Large Meter Replacement

21A: Large Meter Replacements

GHID_Database.DBO.Boundary



Master Plan Update, Rate Study & Impact Fee Analysis

- Project: Master Plan, Rate & Impact Fee Study (Eng. Consulting)
- Consultant: TBD
- Progress: 0%
- Budget: \$250,000 (Proposed 2021)
- Original Contract: \$0

Project Description: In order to best determine rates and impact fees, it is necessary to complete an updated Master Plan (for both the Water and Wastewater systems) and a 20-year Capital and Infrastructure Maintenance Plan. Following completion of the plans, the Consultant (or sub-consultant) will complete the Rate Study and Impact Fee Analysis. This project will be complete in time to set rates for 2021.

Project Update: The District will be reviewing Statements of Qualifications for the project starting November 12, 2020. The water digital model is complete, and the wastewater digital model is under development, which will significantly shorten the time needed to complete the studies.



Engineering Report – November 17, 2020

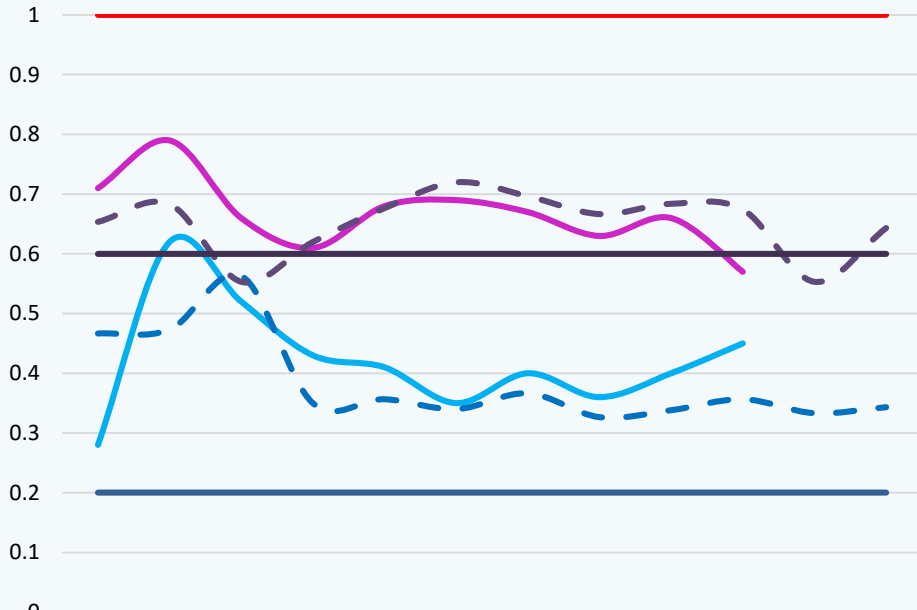
Plans Reviewed (October)

1)	Morrell Office/Warehouse New Build	2411 S. 2700 W.	Commercial
2)	Wasatch Property Management Office Tenant Improvement	3535 S. Market St. Ste. 100	Tenant Improvement
3)	Amazon Restroom Remodel Restroom Tenant Improvement	5137 W. 2400 S.	Tenant Improvement
4)	Granger Fresh Market Interior Remodel	3555 W. 3500 S.	Tenant Improvement
5)	Esco Restroom Interior Remodel	3752 W. 2270 S. Ste. B	Tenant Improvement
6)	Warner Commercial Building in Back New Building	5544 W. 2400 S.	Commercial
7)	Symphony Natural Health Expansion Interior Remodel	2550 S. Decker Lake Blvd. #27	Tenant Improvement



Water Quality Report

Chlorine and Fluoride Residuals (mg/L)



	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Chlorine 2020	0.28	0.62	0.52	0.43	0.41	0.35	0.4	0.36	0.4	0.45		
Chlorine 3-yr Avg.	0.47	0.47	0.56	0.35	0.36	0.34	0.37	0.33	0.34	0.36	0.33	0.34
Fluoride 2020	0.71	0.79	0.66	0.61	0.68	0.69	0.67	0.63	0.66	0.57		
Fluoride 3-yr Avg.	0.65	0.68	0.55	0.62	0.68	0.72	0.70	0.67	0.68	0.67	0.55	0.64
Chlorine Min.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Fluoride Min.	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Chlor. & Fluor. Max	1	1	1	1	1	1	1	1	1	1	1	1

Backflow Dashboard

Ready to send
43
45 day Backflow Notice
Last update: a few seconds ago

Ready to send
378
30 Days Late Notice
Last update: a few seconds ago

Ready to send
106
90 day Backflow Notice
Last update: a few seconds ago

Notices Sent - Last Month
144
Reminders
Last update: a few seconds ago

Notices Sent - Last Month
196
30 Days Late
Last update: a few seconds ago

Notices Sent - Last Month
0
90 Days Late
Last update: a few seconds ago

Past Due
703
Last update: a few seconds ago

Back flow Failed
3
Last update: a few seconds ago

No Hazard Assessment's due this month
Last update: a few seconds ago

22
Backflows added in the last 31 days
Last update: a few seconds ago

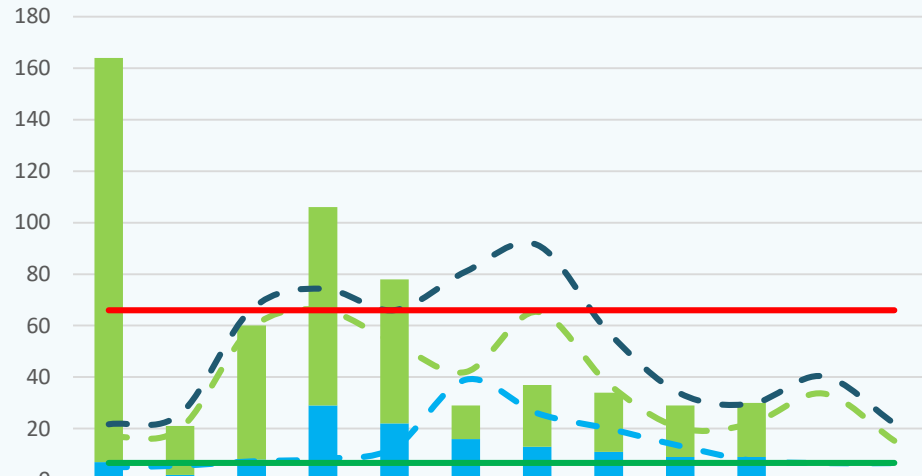
All Backflow's in GIS
1,102
Last update: a few seconds ago

Last update: a few seconds ago

GRANGER-HUNTER
IMPROVEMENT DISTRICT

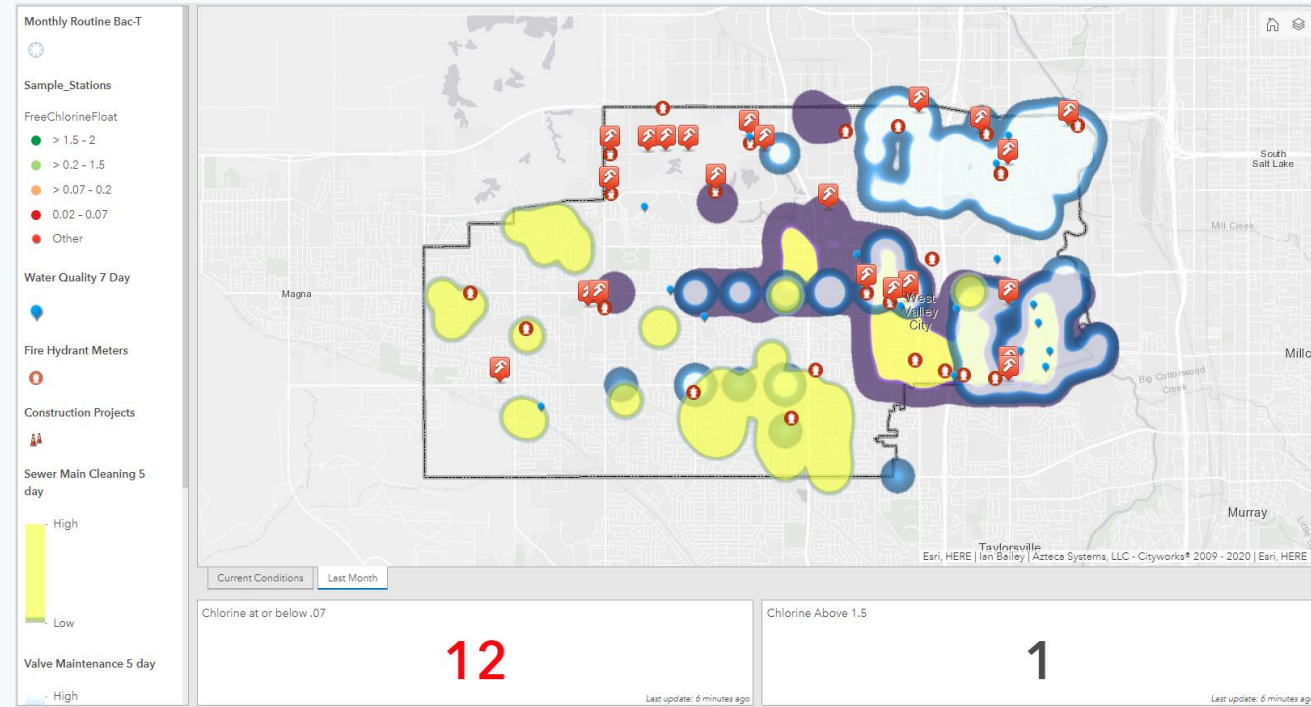
Water Quality Report

Water Quality and Pressure Complaints



	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Water Quality Complaints	157	19	52	77	56	13	24	23	20	21		
Pressure Complaints	7	2	8	29	22	16	13	11	9	9		
W.Q. 3-YR AVG.	17	20	59	66	53	42	65	37	20	22	34	15
Pressure 3-YR AVG.	5	6	7	8	13	39	26	20	13	8	7	7
Total 3-YR AVG.	22	26	66	74	66	81	91	57	34	30	40	22
25% AWWA Benchmark	7	7	7	7	7	7	7	7	7	7	7	7
75% AWWA Benchmark	66	66	66	66	66	66	66	66	66	66	66	66

Water Quality Complaint Locations - October



Current Conditions	Last Month
Chlorine at or below .07	Chlorine Above 1.5
12	1
Last update: 6 minutes ago	Last update: 6 minutes ago

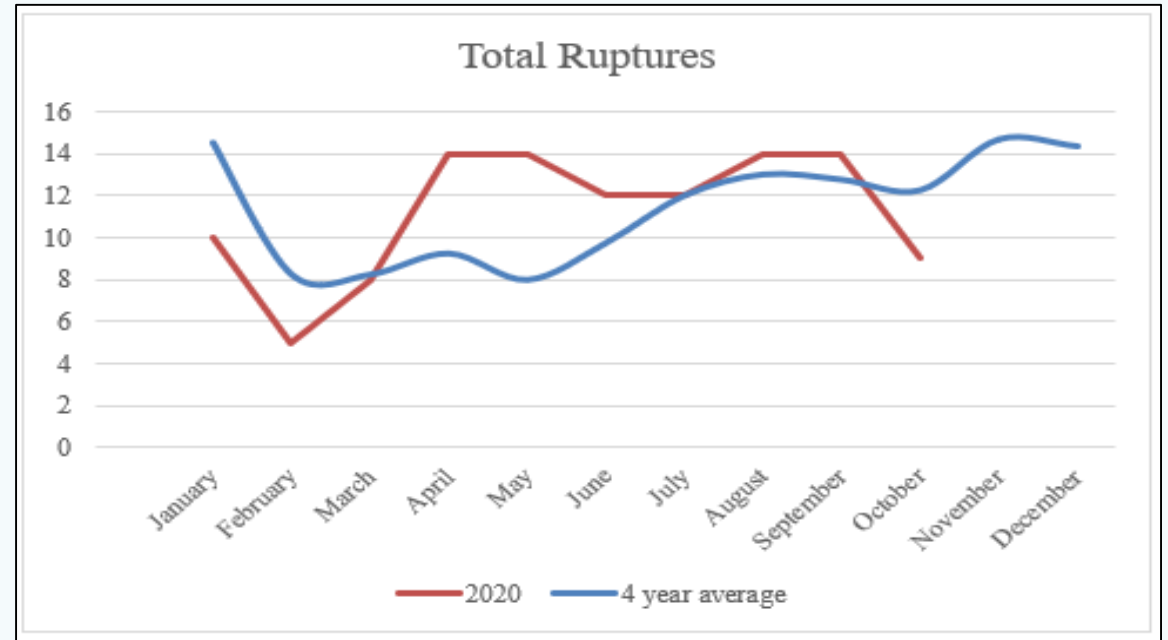


Water Maintenance Update

Water Breaks and Leaks

Breaks & Leaks Combined Totals															
GHID Breaks					GHID Leaks					Total Ruptures					
2016	2017	2018	2019	2020	Year	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
12	18	10	12	8	January	8	3	4	1	2	20	21	14	13	10
5	8	5	9	3	February	5	1	1	4	2	10	9	6	13	5
1	5	4	1	5	March	5	5	1	9	3	6	10	5	10	8
7	5	9	4	4	April	4	1	2	2	10	11	6	11	6	14
1	4	2	0	9	May	2	2	5	5	5	3	6	7	5	14
3	5	4	3	7	June	1	3	7	5	5	4	8	11	8	12
5	5	5	4	6	July	7	9	5	8	6	12	14	10	12	12
3	5	7	3	5	August	3	10	6	7	9	6	15	13	10	14
3	9	6	6	6	September	5	5	6	5	8	8	14	12	11	14
1	5	6	15	5	October	7	8	3	3	4	8	13	9	18	9
6	2	13	14		November	6	9	4	2		12	11	17	16	
18	17	7	8		December	4	3	5	3		22	20	12	11	
41	69	58	57	58	Totals to Date	47	47	40	49	54	88	116	98	106	112
65	88	78	79	58	Annual Totals	57	59	49	54	54	122	147	127	133	112
	+68%	-16%	-2%	+2%		+0%	-15%	+23%	+10%		+32%	-16%	+8%	+5.7%	
	% Change from Prior Year					% Change from Prior Year					% Change from Prior Year				

Waterline breaks and leaks totaled five breaks and four service leaks in October 2020.

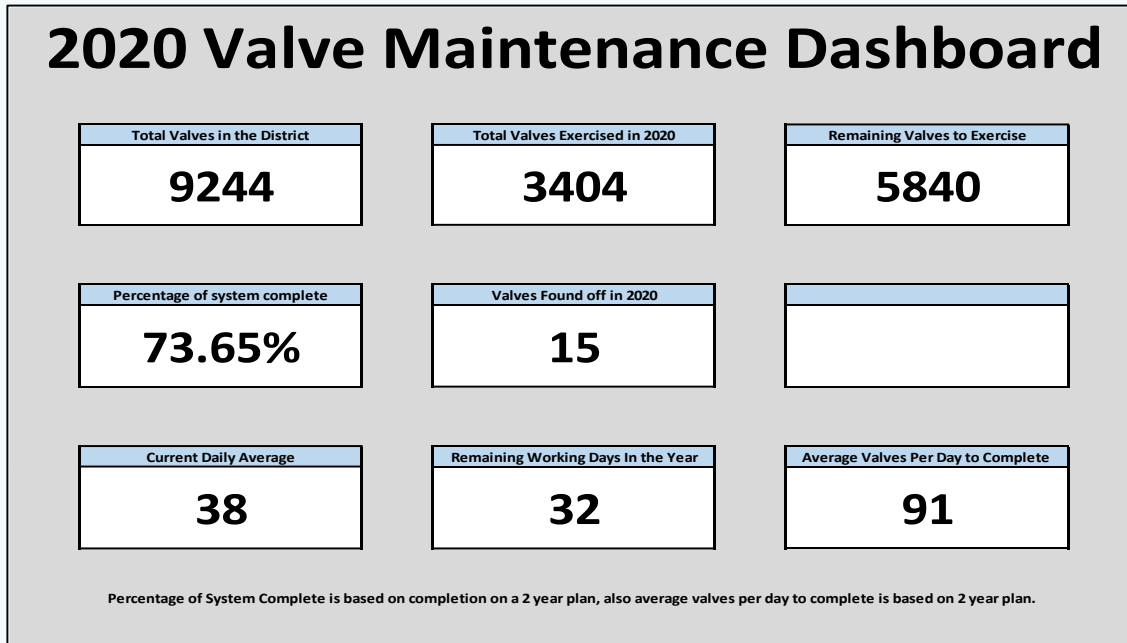


The District's breaks and leaks have fallen below the four-year trendline in October, the first time since March 2020.

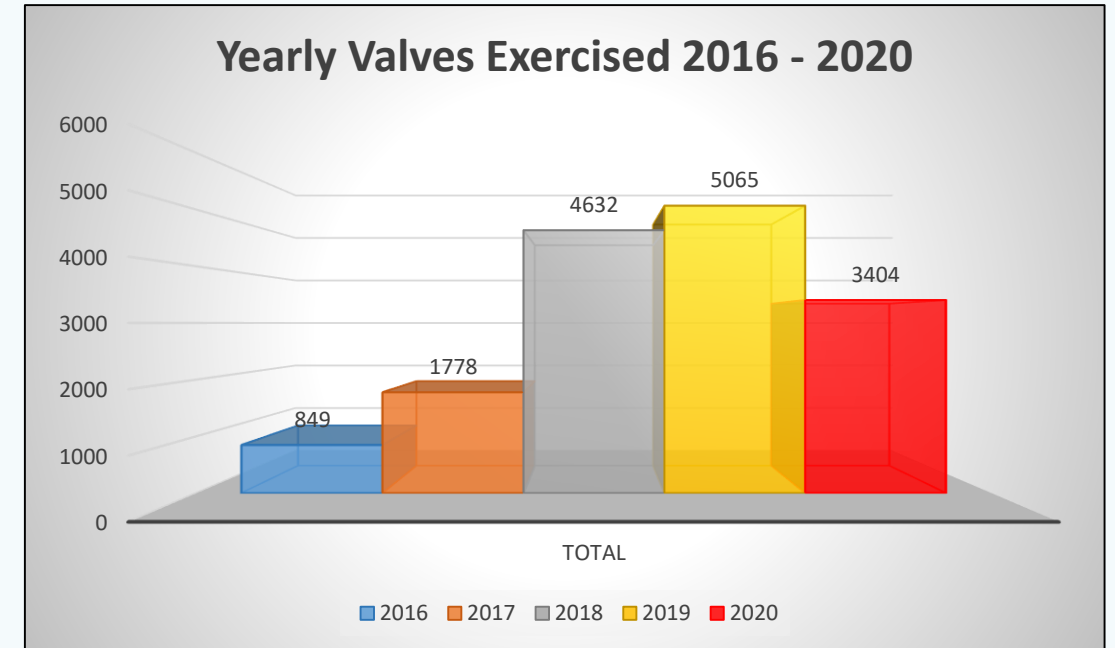


Water Maintenance Update

Valve Inspections



As of the end of October 2020, the District's valve crew has inspected and exercised 3,404 valves. The valve exercise program is on a two-year schedule to complete all the valves in the District. Currently the valve crew is 73.65% complete for this year's valves to stay on track for the two-year plan.

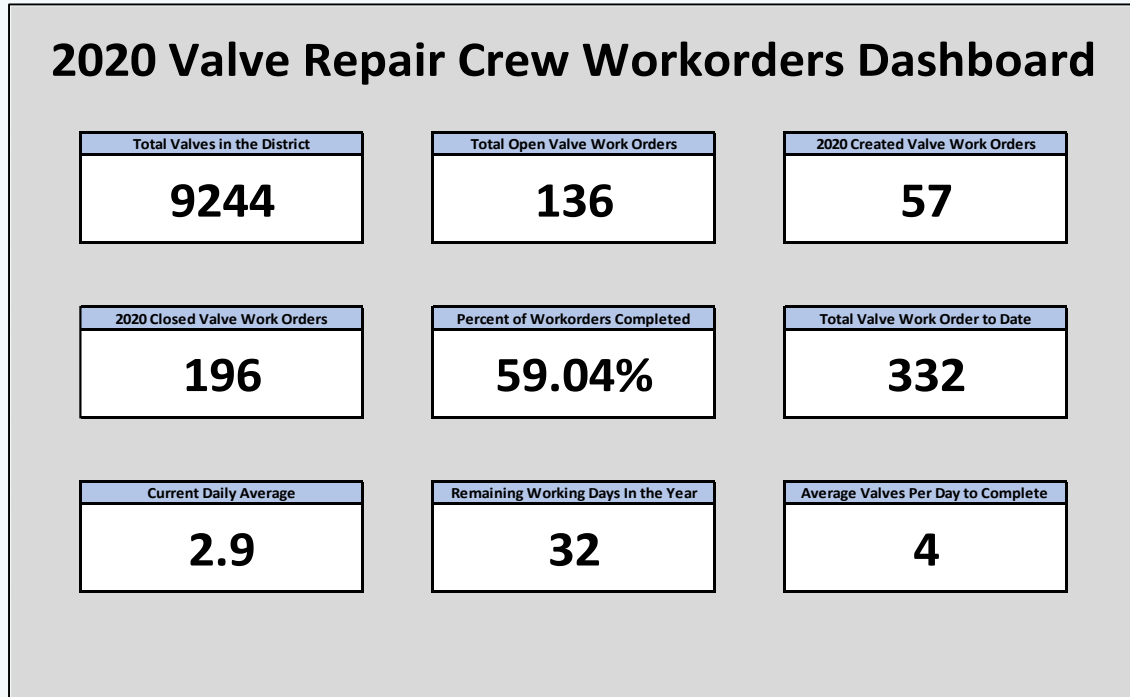


Above is a graph depicting the number of valves the District has exercised and inspected over the past five years. The District is currently on track to finish the year at or near the 2018 level of valves exercised

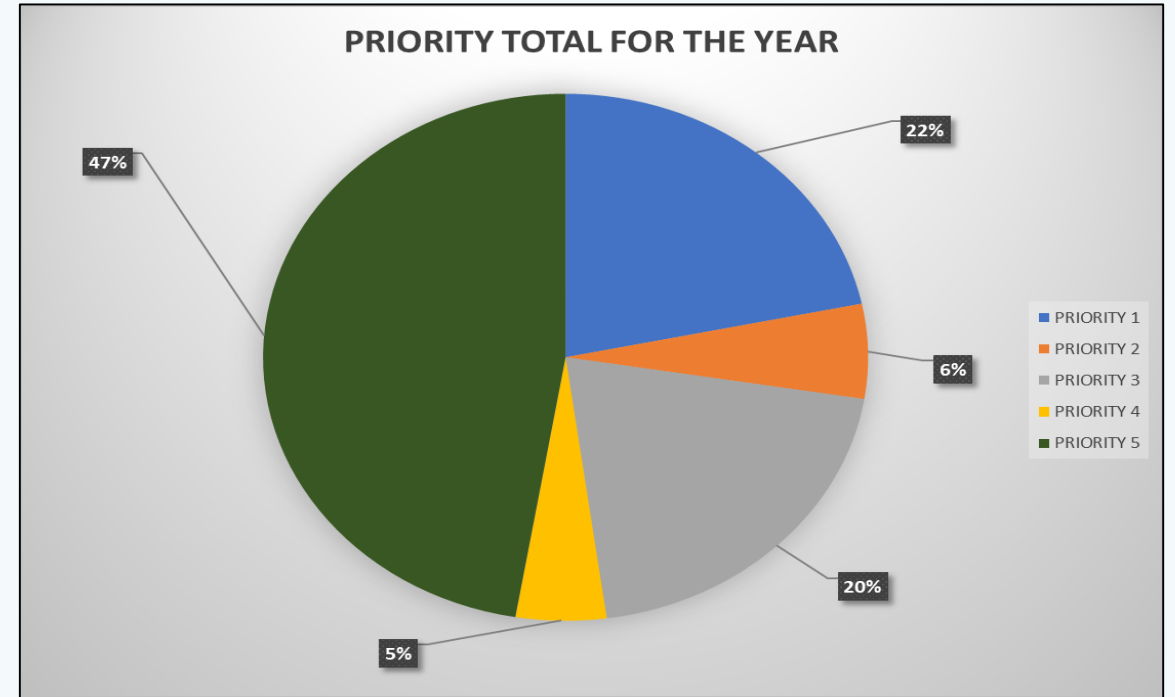


Water Maintenance Update

Valve Repair Crew



To date the District's valve repair crew has located and repaired 196 valves representing approximately 59 percent of the open valve work orders completed in 2020.



Priority 1: A broken valve that is buried under hardscape that needs to be replaced or repaired.

Priority 2: A broken valve that is buried under landscape that needs to be replaced or repaired.

Priority 3: A valve box in hardscape that needs to be realigned so that our crews can operate the valve properly.

Priority 4: A valve box in landscape that needs to be realigned so that our crews can operate the valve properly.

Priority 5: Locating valves that may be buried or misplaced on our map.



Fire Hydrant Maintenance Crew

2020 Fire Hydrant Maintenance Dashboard

Total Fire Hydrants in the District	Total Fire Hydrant Inspections 2020	Remaining Fire Hydrant Inspections
3459	2925	534
Percentage of system complete	Fire Hydrants Rehabilitated	Fire Hydrants Repaired
84.56%	442	152
Daily Average FH Inspections	Remaining Working Days In the Year	Average Fire Hydrants Per Day to Complete
27	30	18

We are currently on pace to finish the District fire hydrant inspections by the end of the year. This year the fire hydrant crew has Plug-Hugged and painted 442 fire hydrant, they have also repaired 152 fire hydrants to date.



The picture above is of Unit 15, the District's new fire hydrant inspection truck. During the month of October the fire hydrant inspection truck began exercising the fire hydrant valves along with completing the fire hydrant inspection. This process will take some of the burden off the valve maintenance truck in hopes of inspecting and exercising more valves during the year.

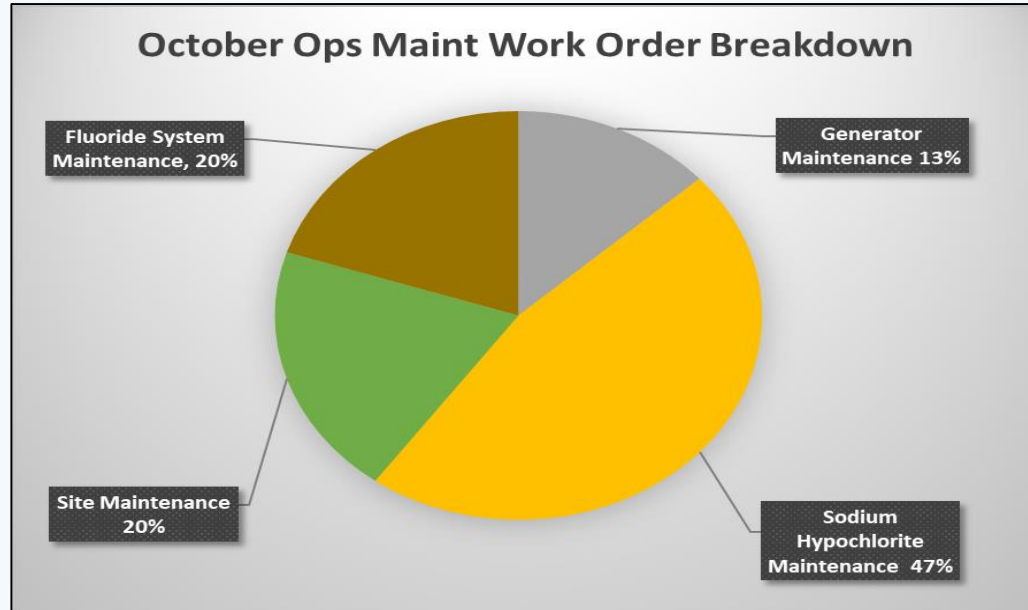


Water Maintenance Update

Operations Maintenance

In October, the water operation maintenance crew completed 20 PRV inspections and 22 water site inspections. The water maintenance crew also completed 15 work orders, which includes:

- Seven sodium hypochlorite maintenance work orders.
- Three fluoride system maintenance work orders.
- Three site maintenance work orders.
- Two generator maintenance and repair work orders.



The picture above depicts the percentage of each type of work orders completed for the month of October in the water operations maintenance group. Sodium hypochlorite maintenance continues to be our largest work order demand each month.

PRV Station Inspection



The picture above is the inside view of the PRV located at Andra 4535 South 6000 West. There are 36 PRV locations throughout the District. Water Maintenance crews perform bi-monthly inspections to ensure that the PRV is working correctly and is clean and dry.



Wastewater Maintenance Update

Wastewater Maintenance Report

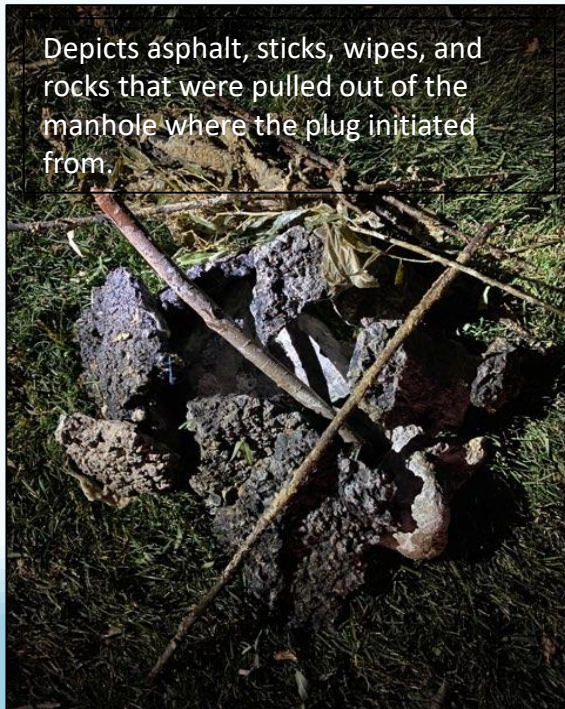
- Wastewater Systems – Spent most of the month cleaning our Bi-Annual Hotspots. We had a sewer plug that was caused by vandals removing a manhole lid and dropping asphalt, rocks, sticks and two large chunks of concrete into the manhole, which ended up flooding 2 homes. This type of Sanitary Sewer Overflow (SSO) is classified as a type 2 SSO and will be reported in the annual MWPP report. The WWPS crews have been working diligently on proactive maintenance. This time of year, that maintenance includes winterizing the stations for the freezing temperatures.
- Pretreatment - The CVWRF sampling reports have now been adjusted to the new, more accurate flow data. The charts later in the presentation will depict the new numbers, which lowers the overall average flow significantly.



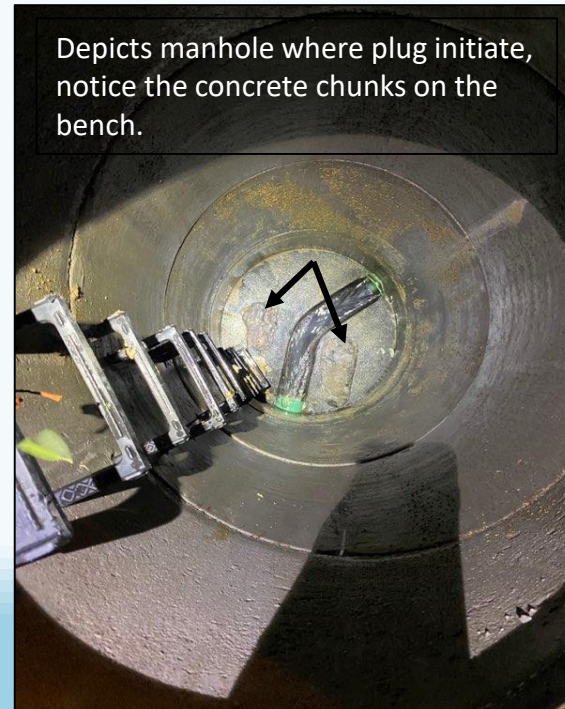
Wastewater Maintenance Update

Total Footage of Gravity Sewer Pipe in District	YTD Total Footage of Pipe Cleaned (Not Including Root Removal/Hotspots)	YTD Total Footage of Pipe CCTV'D	YTD Total Footage Cleaned for Root Removal	YTD Total Footage for Hotspot Cleaning	YTD Total Estimated Gallons of Water Used
1,605,120	787,752	425,385	25,718	100,258	836,920
% of Pipe Cleaned	49.08 %				
% of Pipe Inspected		26.50 %			

Depicts YTD totals for the Wastewater Maintenance Division



Depicts asphalt, sticks, wiper blades, and rocks that were pulled out of the manhole where the plug initiated from.



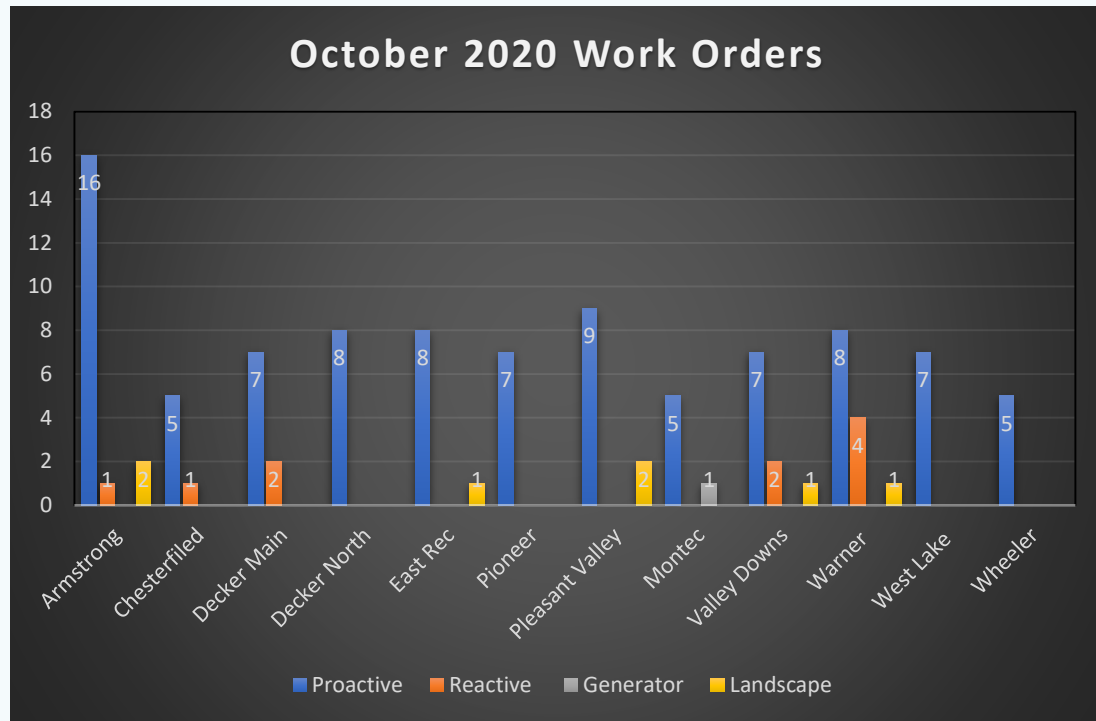
Depicts manhole where plug initiated, notice the concrete chunks on the bench.



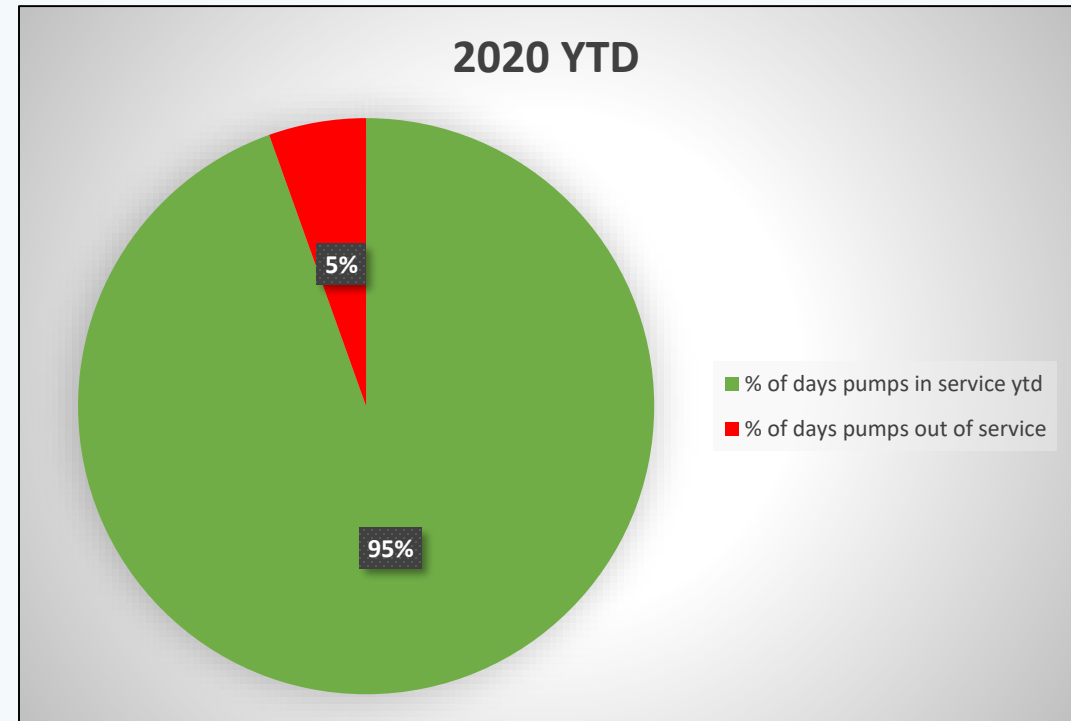
Depicts manhole frame changed out to an anchored down composite style.



Wastewater Maintenance Update



The chart depicts the number of completed work orders for each WWPS for the month of October.



The graph to the right shows the downtime on the pumps in % availability for the year. We have had a great year at only 5% so far.



Wastewater Maintenance Update

GHID Sample Results

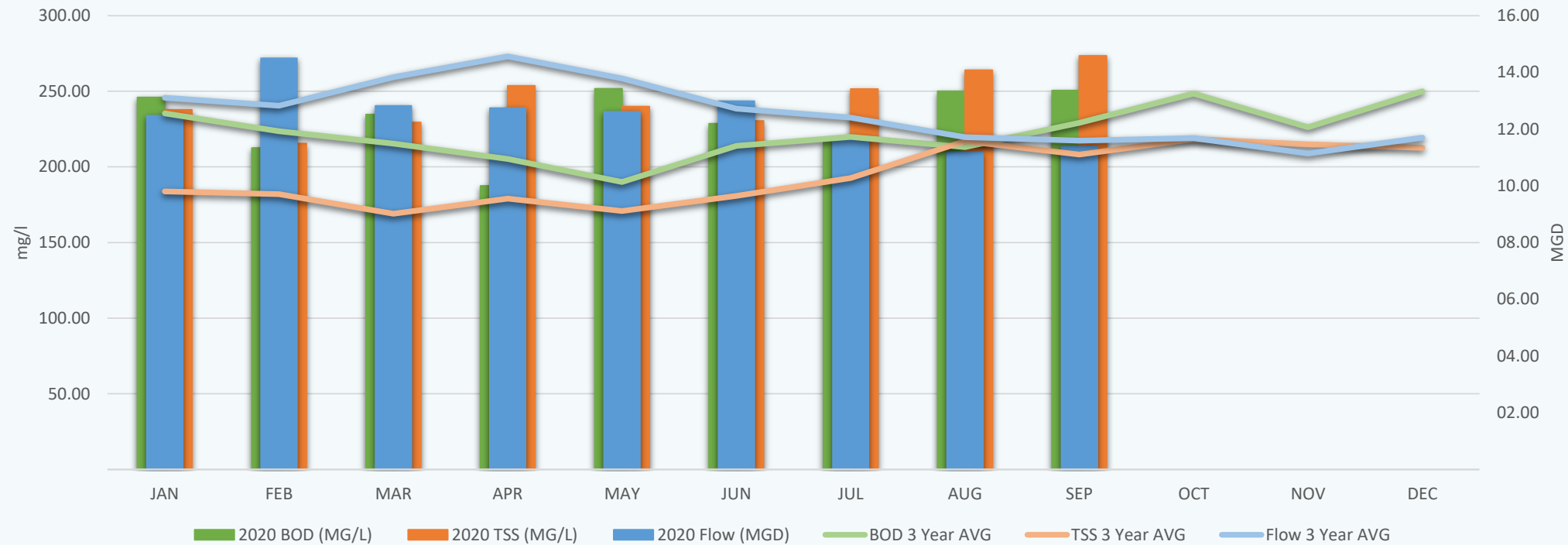
Year	FLOW (MGD)				BOD (mg/L)				TSS (mg/L)			
	2017	2018	2019	2020	2017	2018	2019	2020	2017	2018	2019	2020
Jan	15.04	11.62	12.64	12.47	220.29	240.86	244.86	245.86	172.86	196.14	182.14	237.71
Feb	14.44	11.62	12.41	14.49	220.14	209.86	240.57	212.43	173.71	199.00	173.43	215.43
Mar	14.03	13.35	14.09	12.82	189.86	210.71	245.71	234.57	156.71	187.43	163.14	229.43
Apr	14.42	12.92	16.34	12.74	185.29	214.00	216.43	187.43	163.14	199.14	174.71	253.57
May	13.52	13.41	14.41	12.61	186.57	177.71	205.71	251.71	161.00	185.43	166.00	239.86
Jun	12.67	11.97	13.51	12.99	208.14	241.00	192.57	228.57	157.71	214.29	170.43	230.29
Jul	13.87	11.47	11.88	11.70	221.00	217.43	220.71	217.00	182.71	196.14	198.86	251.50
Aug	12.04	11.25	11.84	11.18	201.86	202.00	235.57	250.00	204.43	212.71	233.86	264.00
Sep	12.12	10.70	11.95	11.39	216.43	240.14	230.71	250.43	193.14	212.00	219.57	273.43
Oct	12.01	11.67	11.36		237.86	228.71	279.00		199.00	203.29	252.57	
Nov	11.49	10.79	11.13		221.71	245.86	210.86		202.29	202.29	240.14	
Dec	11.45	11.24	12.39		233.00	240.00	276.86		209.43	205.43	223.00	
AVG	13.09	11.83	12.83	12.49	211.85	222.36	233.30	230.89	181.34	201.11	199.82	243.91
Percent Change		-10%	8%	-3%	Percent Change	5%	5%	-1%	Percent Change	11%	-1%	22%

Pretreatment Sample Results chart and graph reflects the adjusted flow figures provided by CVWRF. With the updated flow figures, the average flow for 2020 decreased from 14.59 MGD to 12.49 MGD. The YTD flow average decreased from 14.02 to 12.27 MGD. The BOD and TSS results remain unchanged.



Wastewater Maintenance Update

GHID Sample Results W/ 3 Year Avg.



Note: the flow figures used in these visuals are an average of the daily flows during the monthly sample period and do not reflect the exact monthly flow averages.



Administrative Report – November 17, 2020

OFFICE RESTRUCTURE

Restructure occurred to be more in line with other District positions and the Strategic Plan to support workforce evolution. With the restructure, job duties were divided in a more effective way to ensure greater account accuracy while still providing amazing customer service.

Customer Service Lead – *Marinda Miller*

Oversee all office duty processes, review reports, conduct process trainings, etc.

Customer Service Supervisor/Accounts Receivable – *Teresa Higgs*

Conduct Customer Service trainings, process all payments, prepare deposits, resolve bank issues, etc.

Billing Clerk – *Brooke Petersen*

Review, correct & process all regular, statement & final bills, create read file, etc.

Collections- *Idanely Orosco*

Process aging report, title assessments, refund checks, delinquent calls, liens, shut off list, etc.

New Accounts – *Debra Harvey*

Set-up new accounts, explain processes to new customers, finalize disconnects, etc.

Billing Assistant – *Taylor Gomm*

Assist billing clerk to ensure account accuracy, review stopped meter report, process afterhours report, etc.





GRANGER-HUNTER
IMPROVEMENT DISTRICT

**WATER CONSERVATION
PLAN UPDATE – 2020**

**System ID: 1114
(HAL Project No.: 019.54.100)**

October 2020

GRANGER-HUNTER IMPROVEMENT DISTRICT

WATER CONSERVATION PLAN UPDATE – 2020

System ID: 1114
(HAL Project No.: 019.54.100)



Jacob K. Nielsen
Project Engineer



October 2020

TABLE OF CONTENTS

TABLE OF CONTENTS	i
CHAPTER 1 – INTRODUCTION	1-1
CHAPTER 2 – EXISTING WATER SYSTEM	2-1
SYSTEM PROFILE	2-1
INVENTORY OF WATER RESOURCES.....	2-1
SUPPLY	2-2
WATER MEASUREMENT	2-4
BILLING	2-5
Current Water Rate Structure.....	2-5
WATER USE	2-6
CHAPTER 3 – CONSERVATION ISSUES AND GOALS	3-1
IDENTIFIED PROBLEMS.....	3-1
GOALS.....	3-1
CHAPTER 4 – CONSERVATION MEASURES & IMPLEMENTATION	4-1
EXISTING CONSERVATION MEASURES.....	4-1
PROPOSED CONSERVATION MEASURES	4-3
REFERENCES	R-1

APPENDIX A

GHID BOARD ADOPTION OF CONSERVATION PLAN

LIST OF TABLES

Table 2-1	2019 Water System Connections.....	2-1
Table 2-2	Summary of GHID Wells	2-2
Table 2-3	Summary of JVWCD Connections	2-3
Table 2-4	GHID Percent Metered Connections by Type of Use	2-4
Table 2-5	Comparison of Water Produced to Metered Water Use.....	2-5
Table 2-6	2019 Water Rate Structure	2-5
Table 2-7	GHID Historical Water Supply Summary.....	2-6
Table 2-8	2019 Per Capita-Day Water Use by Type	2-7
Table 4-1	Existing Conservation Measures.....	4-1
Table 4-2	Proposed Conservation Measures	4-3

LIST OF FIGURES

Figure 2-1	Water System Service Area Map	After 2-1
Figure 2-2	Future Use Comparison	2-3
Figure 2-3	Historical Efficient Use	2-7

CHAPTER 1 – INTRODUCTION

In response to projected future growth along the Wasatch Front, the customers and leaders of the Granger-Hunter Improvement District (the District) are concerned about the future water supply in the region. The Utah State Legislature has passed legislation requiring public water suppliers to prepare a Water Conservation Plan and then to update the plan periodically. This 2020 report is an update of the District's 2014 Water Conservation Plan.

This report describes the drinking water system, reviews and summarizes water consumption, assesses the water conservation alternatives available to the District, sets goals to conserve water, and identifies existing and proposed water conservation measures to be implemented by the District. Appendix A includes the District's adoption of the following conservation plan update.

CHAPTER 2 – EXISTING WATER SYSTEM

SYSTEM PROFILE

The District is located on the northwest side of Salt Lake County, and is approximately bounded by 2100 South to 4700 South and 1300 West to 7200 West. In 2019, the District reported to the Division of Water Rights (DWRi) an estimated population of 126,815 people. The District anticipates growth and redevelopment will continue to add water demands to their existing system. The District estimates that in the next 30 years the population will increase to 152,675 residents. Water demands for the District are expected to increase accordingly.

At the end of 2019, the District had 27,188 connections to the water system. The connection type is shown in Table 2-1.

Table 2-1: 2019 Water System Connections

Connection Type	Total Connections
Residential	25,962
Commercial/Industrial	1,187
Institutional	352
Total	27,501

INVENTORY OF WATER RESOURCES

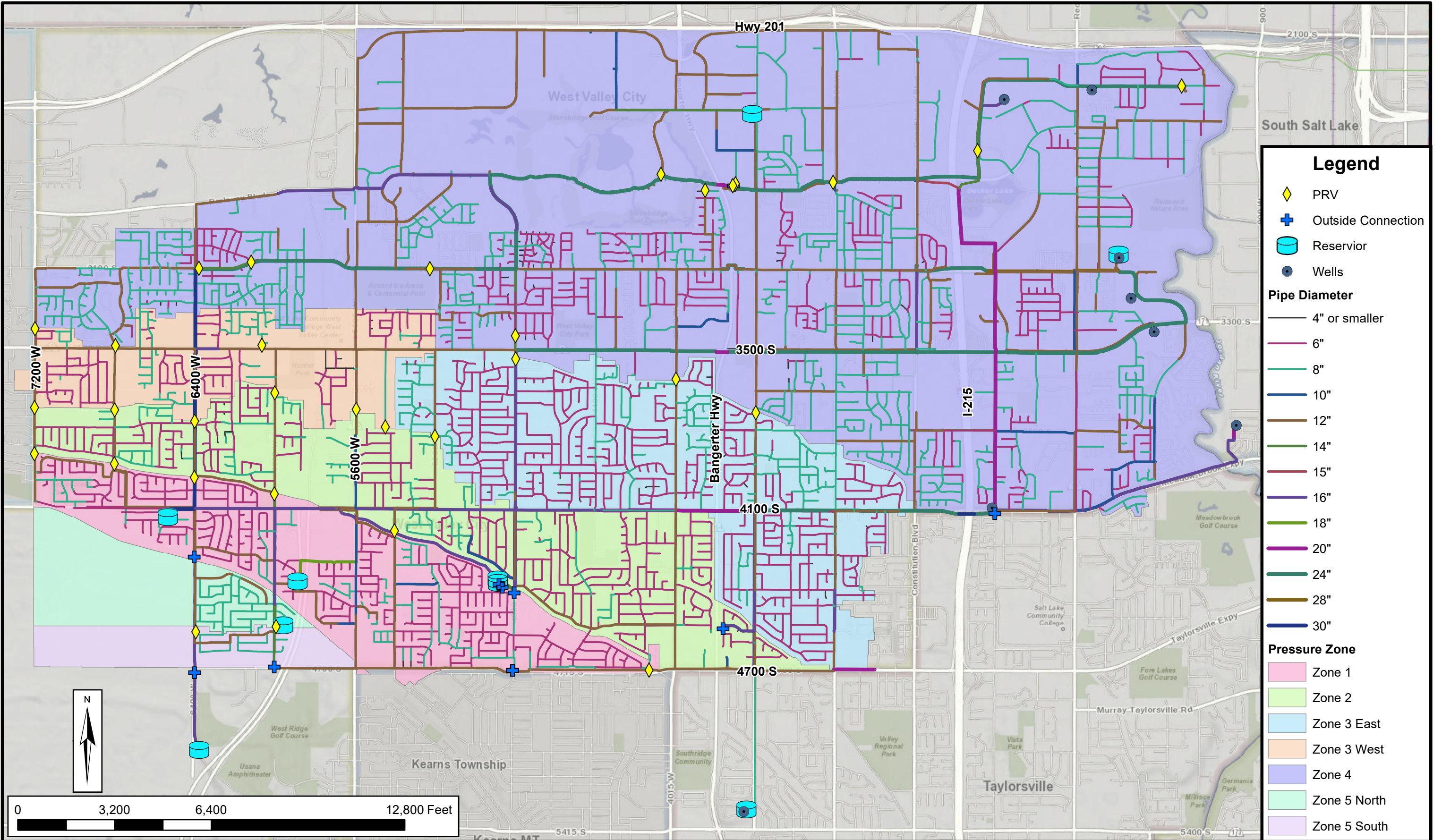
The Granger-Hunter Improvement District is a drinking water and sanitary sewer utility provider which serves an area of approximately 24½ square miles primarily in the West Valley City area. The water system contains approximately 375 miles of distribution pipe ranging in size from 4 to 30 inches in diameter, over 27,500 water meters, 3,116 fire hydrants, 5,453 valves, 31 PRV stations, 6 booster pumping stations and 9 water storage reservoirs totaling 27 million gallons. Figure 2-1 shows the system and service area boundaries.

Approximately, seventy five percent of the water supply is purchased from the Jordan Valley Water Conservancy District (JVWCD), with the remaining 25 percent provided from District owned sources. A noteworthy aspect of the contract with JVWCD, is that GHID is charged for an annual volume of water whether that amount of water is used or not. Currently that amount is set at 18,500 ac-ft per year (AFY) and will remain at this amount until the contract is re-negotiated.

The District currently owns and operates eight wells. The total capacity of all of the District's high-quality wells is 15,910 gpm, which is approximately 25,600 AFY. Based on the District's 40-year water right plan, the District's current water right volume is 21,266 ac-ft per year (HAL 2010). If all the wells could produce maximum flow all year round, the yearly volume would be higher, but demand falls below well capacity during the winter months.

The District's eight wells are naturally recharged. The aquifer from which the District pumps their wells is recharged through the following sources:

- Precipitation in the Oquirrh Mountains that infiltrates down into the bedrock aquifer.
- Precipitation on the foothills of the Oquirrh Mountains.
- Infiltration from canals and ditches.



Legend

- PRV
- Outside Connection
- Reservoir
- Wells

Pipe Diameter

- 4" or smaller
- 6"
- 8"
- 10"
- 12"
- 14"
- 15"
- 16"
- 18"
- 20"
- 24"
- 28"
- 30"

Pressure Zone

- Zone 1
- Zone 2
- Zone 3 East
- Zone 3 West
- Zone 4
- Zone 5 North
- Zone 5 South



Granger-Hunter Improvement District

Water System Service Area Map

FIGURE 2-1

SUPPLY

Current water supply categorized by source is shown in Table 2-2. Associated water rights and source capacity are also included.

Table 2-2: Summary of GHID Wells

Sources	Associated Water Right	Flow Right Volume (ac-ft/year)
All Wells: Pumping Capacity	57-2821	941
Sanderson Well #1 1,300 gpm	57-8776	1,289
Sorenson Well #4 260 gpm		
Woodbury #8 Well 1,600 gpm	59-1639	114
Acord Well #12 2,000 gpm		
Wright #14 Well 1,050 gpm	59-5132	2,000
Evans #15 Well 3,000 gpm		
Taggart #16 Well 3,000 gpm	59-5144	1,497
Well #17 3,700 gpm		
(Total Pumping Capacity = 15,910 gpm)		
Sanderson Well #1	59-1517	3,620
Sorenson Well #4		
Woodbury #8 Well	59-1545	223
Acord Well #12		
Evans #15 Well	59-3434	2,273
Taggart #16 Well		
Well #17		
Sanderson Well #1	59-1203	2,172
Sorenson Well #4	59-1204	724
Woodbury #8 Well	59-1207	1,347
Acord Well #12		
Sanderson Well #1	59-1516	3,620
Sorenson Well #4	59-3435	1,448
Total Well Water Right Volume (ac-ft/year)		21,268
JVWCD	Contract with JVWCD	18,500
GHID Reliable Supply		Wells: 21,268 ac-ft JVWCD: 18,500 ac-ft Total: 39,768 ac-ft

The District has 10 metered wholesale connections from JVWCD. A list of the connections is presented in Table 2-3. Summing the individual “Max Day Contract” values gives the JVWCD connections a total capacity of 26,749 gpm. The “Minimum Annual” volume in the contract is 18,500 ac-ft. As shown in Table 2-3, the actual capacity of most of the JVWCD connections is higher than the contractual limit.

Table 2-3: Summary of JWCD Connections

ZONE	CONNECTION ID	MAX CAPACITY (gpm)	MAX DAY CONTRACT (gpm)
Zone 4	10	4,000	3,745
Anderson / Breeze (Zones 1, 2, 4, & 5)	15	7,000	6,955
Zone 3	20	4,000	1,070
Tank Farm (Zones 2, 3, & 4)	30	5,000	5,885
Tank Farm (Zones 2, 3, & 4)	32	6,500	6,150
Zone 1	50	2,500	535
Zone 1	60	1,500	0
Zone 1	70	2,000	2,140
Zone 1	71	2,000	269
Breeze (Zones 1, 2, 4, & 5)	80	4,000	0
TOTAL		38,500	26,749

A comparison between reliable supply, current and projected water use, and efficient use is presented on Figure 2-2. Future water use was projected by using the population projection and demand per ERC from the 2016 Drinking Water Master Plan (HAL, 2016), scaled to match current water use. The reliable supply (39,768 ac-ft) is based on the annual 18,500 ac-ft contract with JWCD and the maximum feasible well production of 21,268 ac-ft.

The regional efficient use goal is to reduce per capita-day use by 11% from the 2015 baseline by 2030. The regional efficient use curve is based on a 210 gallons per capita-day (gpcd) baseline in 2015 gradually being reduced to 187 gpcd by 2030. From 2030 to 2050, the water use per capita-day is assumed to remain the same. The regional use values were converted to a volume based on District population estimates and projections.

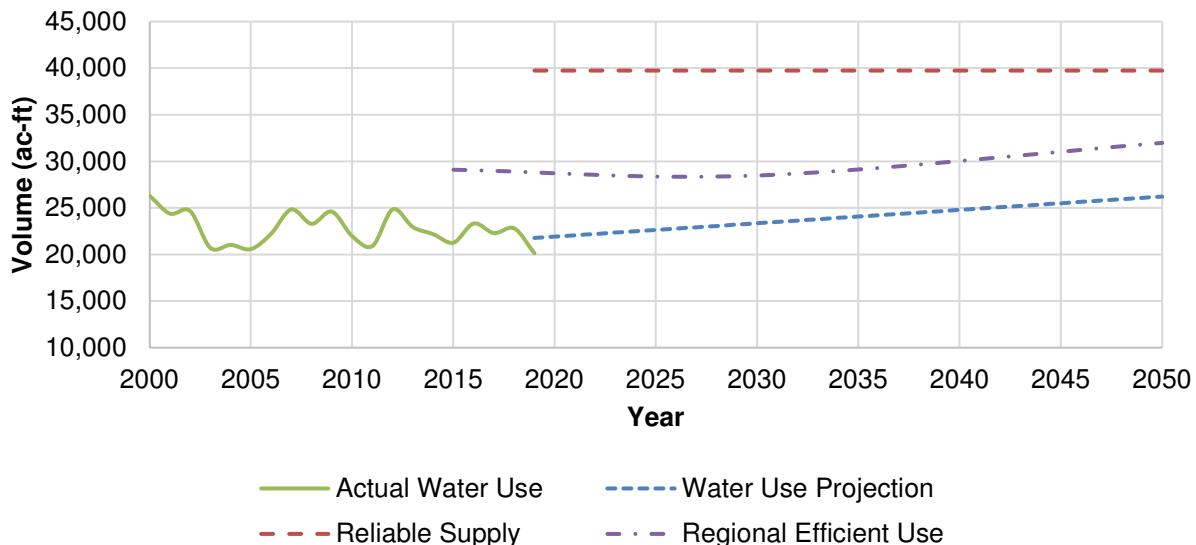


Figure 2-2: Future Use Comparison

After reaching conservation targets, if future demands exceed the existing water supply the District plans to meet these demands through additional wholesale purchase from Jordan Valley Water Conservancy District, or through replacing or rehabilitating existing wells. Some of the wells are only pumped at a lower capacity because of manganese levels. If these wells were retrofitted to treat the manganese, their production could be maximized.

WATER MEASUREMENT

Water meters are critical to track water use and incentivize conservation. Percent of metered connections by type are summarized in Table 2-4.

Table 2-4: GHID Percent Metered Connections by Type of Use

Year	Percent Water Use			
	Residential	Commercial	Industrial	Institutional/Other
2001	96.5%	3.1%	0.1%	0.3%
2002	97.0%	2.5%	0.1%	0.4%
2003	94.9%	4.3%	0.1%	0.7%
2004	96.6%	2.7%	0.1%	0.6%
2005	96.7%	2.6%	0.1%	0.7%
2006	96.3%	2.5%	0.1%	1.0%
2007	96.3%	2.5%	0.1%	1.1%
2008	96.2%	2.5%	0.1%	1.2%
2009	95.9%	2.8%	0.1%	1.2%
2010	95.3%	3.4%	0.1%	1.2%
2011	Unavailable			
2012	Unavailable			
2013	94.9%	4.0%	0.0%	1.2%
2014	94.7%	4.0%	0.0%	1.2%
2015	94.7%	4.0%	0.0%	1.2%
2016	94.6%	4.1%	0.0%	1.3%
2017	94.5%	4.1%	0.0%	1.4%
2018	94.4%	5.0%	0.0%	0.5%
2019	94.4%	4.3%	0.0%	1.3%

Table 2-5 compares the water produced by the District’s drinking water sources to the metered water delivered to users from 2000 to present. Possible explanations for the unaccounted water use include leaks in the distribution system, meter inaccuracies, and miscellaneous unmetered water use (such as pipe line flushing, fire suppression, etc.). Inaccurate and old meters are being replaced with Advanced Metering Infrastructure (AMI) type meters. This allows the District to quickly identify leaks and provide customers with current water usage information, which should minimize water and revenue loss.

Data in Table 2-5 does not completely match the data submitted to DWRi prior to 2013 because more accurate data has been compiled by the District. The data from 2013 to present matches closely with what has been submitted to DWRi.

Table 2-5: Comparison of Water Produced to Metered Water Use

Year*	Total Metered Use (ac-ft)	Total Source Production (ac-ft)	Percent of Water Unaccounted For
2000	26,292	26,304	0.05%
2001	24,406	25,263	3.39%
2002	24,687	24,784	0.39%
2003	20,733	22,473	7.74%
2004	21,054	21,777	3.32%
2005	20,590	21,512	4.28%
2006	22,230	24,625	9.73%
2007	24,856	26,921	7.67%
2008	23,298	25,493	8.61%
2009	24,622	24,630	0.03%
2010	22,009	24,276	9.34%
2011	20,941	22,950	8.75%
2012	24,858	27,328	9.04%
2013	22,964	25,238	9.01%
2014	22,215	24,409	8.99%
2015	21,288	23,620	9.87%
2016	23,340	24,529	4.85%
2017	22,310	22,438	0.57%
2018	22,808	25,300	9.85%
2019	20,141	23,378	13.85%

*Data does not completely match the data submitted to DWRI prior to 2013 because more accurate data has been compiled by the District.

BILLING

Current Water Rate Structure

The District’s drinking water rate structure is summarized in Table 2-6. The District has different rates based on the volume used.

Table 2-6: 2019 Water Rate Structure

Water Tiers	Price
Tier 1 (Less than 7,000 gallons)	\$1.77 per 1,000 gallons
Tier 2 (7,001 - 15,000 gallons)	\$1.90 per 1,000 gallons
Tier 3 (15,001 gallons and above)	\$2.05 per 1,000 gallons
Multi-Unit (apartments, condos, etc.)	\$1.90 per 1,000 gallons
Monthly Availability fee - 3/4" and 1" meters	\$13.00

*Note: Monthly Availability Fee increases for all meters larger than 1" according to meter size. For customers with a fireline, the monthly fee is according to meter size.

WATER USE

Historical water supplied by the District's drinking water sources is summarized in Table 2-7.

Table 2-7: GHID Historical Water Supply Summary

Year	Source Supplied (ac-ft)									Total (ac-ft)
	Acord Well #12	Evans #15 Well	Sanderson Well #1	Sorenson Well #4	Taggart #16 Well	Well #17	Woodbury #8 Well	Wright #14 Well	JVWCD Purchases	
2000	1,643		19	189			761	1,357	19,133	23,102
2001	1,736		749	319			1,930	2,009	17,394	24,136
2002	96		1,520	491			1,456	2,149	16,898	22,610
2003	714	548	612	421	1,072		1,372	1,508	15,473	21,720
2004	784		276	191	480		457	233	18,659	21,079
2005	2,109	364	521	174	688		464	85	16,920	21,324
2006	1,796	905	843	233	1,980		534	1,004	16,960	24,256
2007	2,240	660	1,271	355	1,932		1,256	920	17,606	26,240
2008	1,926	1,028	1,173	272	1,672		1,061	565	17,621	25,317
2009	615	1,744	996	299	1,378		667	128	18,665	24,492
2010	912	1,311	1,344	336	621		618	368	18,455	23,966
2011	Unavailable									22,950
2012	Unavailable									27,328
2013	742	461	1,420	137	1,937		594	280	19,655	25,226
2014	1,202	600	1,220	221	1,730		330	189	18,905	24,398
2015	1,784	459	887	10	1,509				18,960	23,609
2016	1,510	786	1,323		1,382				19,517	24,518
2017	1,096	200	664		1,663	966			17,838	22,428
2018	750	495	779		1,963	1,615	529		19,157	25,288
2019		964	242		1,627	1,095	479	33	18,928	23,368

Water use data from 2019 was evaluated to determine indoor versus outdoor use. Indoor use can be estimated by determining the average use during winter months. Any use above this amount during other times of the year is assumed to be outdoor watering. All outdoor watering is done using the drinking water system because the District does not have a secondary system. The only monthly data available to estimate indoor use was monthly source data. There is no monthly data available to determine indoor versus outdoor use by type. The 2019 per capita-day water use is shown in Table 2-8.

Table 2-8: 2019 Per Capita-Day Water Use by Type

Type	Indoor Use (Winter Use) (gpcd)	Outdoor Use (gpcd)	Total (gpcd)
Residential	Unknown	Unknown	108
Commercial/Industrial	Unknown	Unknown	21
Institutional	Unknown	Unknown	13
Total	82	60	142

Annual per capita-day use was calculated from 2000 to present using data reported to DWRi and provided by the District. Figure 2-3 shows the District’s overall decreasing per capita-day trend.

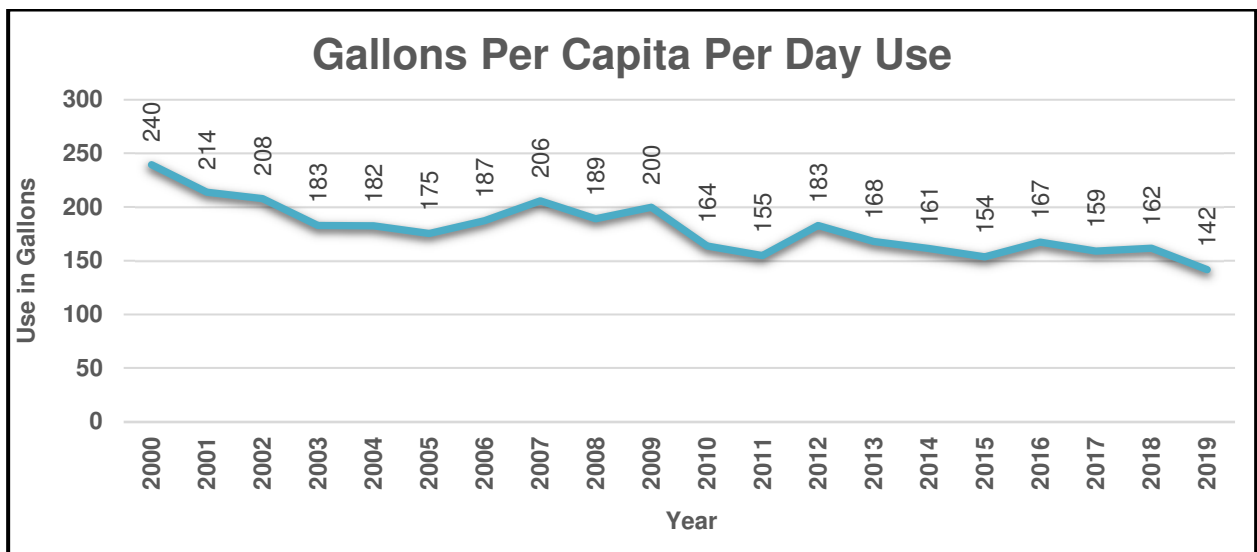


Figure 2-3: Historical Efficient Use

CHAPTER 3 – CONSERVATION ISSUES AND GOALS

IDENTIFIED PROBLEMS

The District is concerned with the potential waste of water from inefficient indoor/outdoor water use and from system wide losses. The following specific concerns have been identified by the District:

- Water loss from line breaks
- Water theft from hydrants or contractors
- Illegal connections
- Water loss from aged meters (District & non-District such as JVVCD)
- Water loss from leaks on both the customer and District's side

GOALS

The conservation goal for the District according to the Regional Water Conservation Goal, which replaced the Governor's goal, is 11% reduction from a 2015 baseline by 2030. The previous goal from the Governor was 25% reduction from a 2000 baseline by 2025. The previous goal of 25% reduction has been met since 2010 because the District's per capita-day use has been below 180 gpcd. The new regional goal is to go from 210 gpcd in 2015 to 187 gpcd by 2030. The District is already meeting the new conservation goal. As such, the District recognizes the importance of conservation and will set a goal to maintain their 2015 use of 154 gpcd. The District believes their conservation efforts would have the greatest impact if they focus on finding and resolving leaks in their infrastructure.

CHAPTER 4 – CONSERVATION MEASURES & IMPLEMENTATION

The District believes that water conservation is an important factor for allowing the District to meet water demands into the future. Although the District hasn't appointed a separate water conservation coordinator, staff is aware of the conservation goals and work together to implement the goals. Water conservation efforts are coordinated by:

Michelle Ketchum
 Director of Administrative Services
 2888 South 3600 West
 West Valley City, UT 84119
 Ph. #801-968-3551

EXISTING CONSERVATION MEASURES

Table 4-1 identifies water conservation measures that are currently being implemented by the District. The measures will continue to be implemented according to the plan indicated in Table 4-1. It is believed that existing conservation measures and public education programs are working based on the continued decline of water use rates seen since 2000.

Table 4-1: Existing Conservation Measures

Conservation Measure	Implementation Plan
<u>Public Education:</u> Promote water conservation measures to District customers through public education.	Advertise conservation measures through: <ul style="list-style-type: none"> • The District's website. • The annual Water Quality Report. • The District's annual calendar with conservation tips in the margins. • District mailers distributed with bills. • Third party messaging on social media platforms to send out conservation tips, as well as system updates like construction projects or line breaks.
<u>Replacement Program for Old Pipelines:</u> District replaces approximately 4 miles of pipeline per year.	As the annual budget will allow, replace old or undersized pipeline: <ul style="list-style-type: none"> • Whenever a street is reconstructed. • According to master planned projects. • As leaks are detected.
<u>Replace Old Water Service Laterals:</u> New copper or poly laterals installed in place of steel galvanized or other old laterals.	Replace laterals with copper or poly water services as leaks are detected and as part of any pipeline replacement project.
<u>Improved SCADA System:</u> Monitor and upgrade software as needed to keep SCADA modern.	The District's SCADA system is an integral part of improving operational efficiency. It is a monitoring system that can continually be improved that allows for real-time measurement and control of pumping rates, water flows, system pressures and other operational data. Water loss can result from pressures that are too high or low. Maintaining appropriate water pressure helps to avoid line breaks or overuse to compensate for low pressure.

Conservation Measure	Implementation Plan
<u>Replacement Program of Large Old Water Meters:</u> New accurate meters installed as needed.	Water meters read less accurate as they age, which results in unaccounted water losses. Currently, large meter vaults are being re-plumbed by internal and external contractors.
<u>AMI Meter Replacement:</u> AMI meters are installed during new construction or when old meters are replaced during lateral reconnection. Educate customers on how to view and understand data.	AMI Metering is a system that provides water meter readings in real-time and is updated at designated time increments. The data collected from real-time monitoring provide the most up-to-date information about the water meter reading and daily usage. This provides customers with almost instant monitoring of water consumption, data from previous consumption totals and increased leak detection through the District's customer portal.
<u>District Landscaped Improvements:</u> Practice water-wise irrigation for District facilities.	The District has implemented water-wise landscape improvements at some District facilities to provide opportunities for public learning of turf conversion, examples of proper water efficient landscaping, and a bio-swale for stormwater runoff.
<u>High Water Usage Reports:</u> Notify customers of abnormally high usage.	When high water consumption readings pass through the District's billing department, customers are notified and offered assistance in determining if/where they may have a leak.
<u>Emergency Response Personnel:</u> Provide 24-hour repair crews.	24-hour standby personnel are available to receive notifications of water leaks. Repair crews can be dispatched immediately.
<u>Evaluate Water Rate Structure:</u> The water rate structure promotes water conservation through increasing rates and higher overage costs during peak water use times.	The District implemented a tiered rate structure in 2018 with gradual rate increases with usage to encourage water conservation.

In addition to water conservation measures implemented by GHID, residents of the District also have access to conservation measures that are implemented by Jordan Valley Water Conservancy District (JVWCD) and Utah Water Savers. A summary of their efforts are included below:

JVWCD

- Free Water Audits: At the request of residential, commercial, industrial, or institutional water users, JVWCD will perform a check of the sprinkling system and landscaping to increase irrigation efficiency and promote conservation.
- Water-Wise Landscaping Classes: JVWCD offers landscaping classes that focus on water conservation principles for residential and commercial water users.
- Large Water User Workshops: Provides tools to assist large outdoor water users with managing large landscaped areas. Applicable to public schools, churches, parks and recreation, municipalities, etc.
- Water Quest – Saving Water by the Yard: Four residential homes within the Salt Lake Valley were re-landscaped to demonstrate what a water-wise landscape actually looks like in a home setting. These homes serve as localized demonstration gardens with before and after photos included on the JVWCD website.

Utah Water Savers

- **Toilet Replacement:** Old toilets are a leading cause of wasted water in Utah homes. Rebates are given for replacing toilets that use more than 1.6 gallons per flush and were installed in homes built before 1994.
- **Smart Controller Rebates:** Smart controllers can help save water by automatically adjusting watering schedules based on local weather and landscape needs. Rebates for smart controllers are available throughout the state.
- **Localscapes Rewards:** Localscapes is an approach to landscaping designed specifically for Utah. Cash rewards and plan reviews will be given for landscaping projects that meet program requirements.
- **Landscape Consultations:** Customers can sign up for a free consultation to get expert advice about their watering practices, landscape, and sprinkler system.
- **Flip Your Strip:** Park strips are one of the most difficult places for grass to thrive and maintain. This program offers cash rebates to "flip" park strips to be water efficient and beautiful.

PROPOSED CONSERVATION MEASURES

Table 4-2 identifies water conservation measures that are proposed to be implemented by the District in the future. The District plans to continue the measures described in Table 4-1. Therefore, they have been included below with additional proposed measures to be implemented in 2021. The proposed conservation measures will be evaluated annually, after water use data has been reported, to measure progress.

Table 4-2: Proposed Conservation Measures

Conservation Measure	Implementation Plan
<p><u>Public Education:</u> Continue to promote water conservation measures to District residents through public education.</p>	<p>Advertise conservation measures through:</p> <ul style="list-style-type: none"> • The District's website. • The annual Water Quality Report. • The District's annual calendar with conservation tips in the margins. • District mailers distributed with bills. • Third party messaging on social media platforms to send out conservation tips, as well as system updates, like construction projects or line breaks. • Upload educational short videos to the District's YouTube account on a range of topics such as: how to detect leaks, how to keep pipes from freezing, how to winterize sprinkler system, etc.
<p><u>Replacement Program for Old Pipelines:</u> Continue to replace approximately 4 miles of pipeline per year.</p>	<p>As the annual budget will allow, replace old or undersized pipeline:</p> <ul style="list-style-type: none"> • Whenever a street is reconstructed. • According to master planned projects. • As leaks are detected.
<p><u>Replace Old Water Service Laterals:</u> Continue to install new copper or poly laterals in place of steel galvanized or other old laterals.</p>	<p>Replace laterals with copper or poly water services as leaks are detected and as part of any pipeline replacement project.</p>
<p><u>Replacement Program of Large Old Water Meters:</u> Continue to install new accurate meters as needed.</p>	<p>Water meters read less accurate as they age, which results in unaccounted water losses. Large meter vaults will be re-plumbed by internal and external contractors.</p>

Conservation Measure	Implementation Plan
<p><u>Improved SCADA System:</u> Continue to monitor and upgrade software as needed to keep SCADA modern.</p>	<p>The District's SCADA system is an integral part of improving operational efficiency. It is a monitoring system that can continually be improved that allows for real-time measurement and control of pumping rates, water flows, system pressures and other operational data. Water loss can result from pressures that are too high or low. Maintaining appropriate water pressure helps to avoid line breaks or overuse to compensate for low pressure.</p>
<p><u>AMI Meter Replacement:</u> Continue to install AMI meters during new construction or when old meters are replaced during lateral reconnection. Educate customers on how to view and understand data.</p>	<p>AMI Metering is a system that provides water meter readings in real-time and is updated at designated time increments. The data collected from real-time monitoring provide the most up-to-date information about the water meter reading and daily usage. This will provide customers with almost instant monitoring of water consumption, data from previous consumption totals and increased leak detection through the District's customer portal.</p>
<p><u>District Landscaped Improvements:</u> Maintain water-wise irrigation for District facilities.</p>	<p>The District will maintain and construct new water-wise landscape improvements at some District facilities to provide opportunities for public learning of turf conversion, examples of proper water efficient landscaping, and a bio-swale for stormwater runoff.</p>
<p><u>High Water Usage Reports:</u> Continue to notify customers of abnormally high usage.</p>	<p>When high water consumption readings pass through the District's billing department, customers will be notified and offered assistance in determining if/where they may have a leak.</p>
<p><u>Emergency Response Personnel:</u> Continue to provide 24-hour repair crews.</p>	<p>Continue to offer 24-hour standby personnel available to receive notifications of water leaks. Repair crews can be dispatched immediately.</p>
<p><u>Evaluate Water Rate Structure:</u> Continue to evaluate and update the water rate structure.</p>	<p>The rates will be re-evaluated annually to determine water conservation effectiveness and necessary adjustments.</p>
<p><u>Participate in JWCD Grant Program:</u> Continue to take advantage of conservation effort assistance.</p>	<p>Possible efforts grant money could be applied to include:</p> <ul style="list-style-type: none"> • New Customer Sign-up packet that includes conservation ideas and water saving devices. • Additional phases to the District landscape project. • Giveaways for water-wise showerheads, smart sprinkler timers and hose nozzles.
<p><u>Estimate Fire Hydrant Testing and Flushing Flows:</u> Determination of hydrant test flows allows accounting for a portion of previously unaccounted for water.</p>	<p>The District plans to request estimates of the duration and flow rates for fire hydrant testing and flushing programs.</p>
<p><u>Conduct Annual Water Audit:</u></p>	<p>Identify the causes of water loss in the District system so they can be reduced and or eliminated.</p>
<p><u>Conduct a Smart Water Analytics Study:</u> Hire an analysis consultant to evaluate the District's system.</p>	<p>The District plans to conduct a study in 2021 to determine the pipes most likely to leak.</p>

REFERENCES

- Governor's Office of Management & Budget (GOPB). 2014. *Sub-County Population Projections*. 7 July 2014. <<http://gomb.utah.gov/budget-policy/demographic-economic-analysis/>>.
- Hansen, Allen & Luce (HAL), 2010. *Granger-Hunter Improvement District Drinking Water Right Summary*. Midvale, Utah.
- Hansen, Allen & Luce (HAL), 2016. *Granger-Hunter Improvement District Drinking Water System Master Plan*. South Jordan, Utah.
- U.S. Census Bureau, 2010. *American Fact Finder*. 9/5/19. <http://factfinder2.census.gov/faces/nav/jsf/pages/community_facts.xhtml>
- Utah Department of Natural Resources (DNR). 2019. *2015 Municipal and Industrial Water Use Data*: Division of Water Resources.
- Utah Department of Natural Resources (DNR). 2019. *2009 Residential Water Use Report*: Division of Water Resources.
- Utah Division of Administrative Rules. 2019. *Utah Administrative Code, Definitions – Water Conservation Plan Required 73-10-32*. The Department of Administrative Services.
- Utah Division of Water Rights. 2019. *Public Water Supplier Information*. 9/5/19. https://www.waterrights.utah.gov/asp_apps/viewEditPWS/pwsView.asp?SYSTEM_ID=114

APPENDIX A

GHID BOARD ADOPTION OF CONSERVATION PLAN



GRANGER-HUNTER
IMPROVEMENT DISTRICT

2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

ADOPTION OF THE 2020 WATER CONSERVATION PLAN UPDATE

RESOLUTION 11-17-20.3

Whereas, in response to projected future growth along the Wasatch Front, the customers and leaders of the Granger-Hunter Improvement District (the District) are concerned about the future water supply in the region.

Whereas, the Utah State Legislature has passed legislation (S.B. 73-10-32) requiring public water suppliers to prepare a Water Conservation Plan (Updated Plan) and then to update the plan periodically. This 2020 report is an update of the District's 2014 Water Conservation Plan.

Whereas, this Updated Plan describes the drinking water system, reviews and summarizes water consumption, assesses the water conservation alternatives available to the District, sets goals to conserve water, and identifies existing and proposed water conservation measures to be implemented by the District.

NOW, THEREFOR, BE IT RESOLVED by the Board of Trustees of Granger-Hunter Improvement District:

1. Granger-Hunter has met the requirements in its preparation of the Updated Plan.
2. The General Manager is authorized and directed to cause a copy of the Updated Plan to be filed with the Utah Division of Water Resources and with all other persons or entities deemed appropriate.
3. This Resolution shall take effect immediately upon execution by an authorized member of the Board of Trustees.

PASSED, ADOPTED AND APPROVED this _____, 2020

Granger-Hunter Improvement District Board of Trustees

Debra K. Armstrong, Chair

Corey L. Rushton, Trustee

Russell R. Sanderson, Trustee