

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, January 19, 2021, 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. Election of District Officers for 2021
4. Consider appointment of representative to CVWRF Board of Trustees
5. Consider approval of the December 15, 2020 Board Meeting Minutes
6. Discuss potential conflicts of interest

B. OUR COMMUNITY

1. Recognition of Gerald Lynn Larson for his years of service to Granger-Hunter Improvement District
2. Rate Study presentation
3. Jordan Valley Water Conservancy District review
4. Central Valley Water Reclamation Facility review
5. Legislative update

C. OUR TEAM

1. Risk Management/Insurance Claims
 - a. Consider approval of payment to Mr. Daniel and Mrs. Raelynn Beach for water damage caused to their residence resulting from a mainline rupture in the amount of \$42,989.39.
 - b. Review of property damage claim from Mr. Brian Lloyd and Mrs. Trisha Lloyd resulting from a sanitary sewer overflow in the amount of \$15,033.99.
2. Strategic Planning update
3. COVID and Vaccination update
4. Personnel update
5. Consider approval of the District's property and liability insurance in the amount of \$288,319.00 to Utah Local Governments Trust
6. Conservation Grant report

D. OUR OPERATIONS

1. Review & discuss Financial Report for December 2020
2. Review & discuss Paid Invoice Report for December 2020
3. Water maintenance update
 - a. Consider an award of contract with Wachs Water Services in the amount of \$51,400.00 for water leak detection program.
4. Wastewater maintenance update
 - a. Consider approval of purchase for a combination truck in the amount of \$448,304.83. The Vactor components procured from Owen Equipment in the amount of \$335,876.83, the cab and chassis from Premier Truck Group in the amount of \$112,428.00
5. Water Supply review
6. Capital Projects update
7. Engineering Department updates

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

F. CALENDAR

1. The next board meeting will be February 16, 2021

**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, December 15, 2020, at 5:00 P.M. and a Public Hearing at 6:00 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 (electronically):

Debra Armstrong	Chair
Corey Rushton	Trustee
Russell Sanderson	Trustee

Staff Members Present (electronically):

Jason Helm	General Manager
Todd Marti	Assistant General Manager/District Engineer
Troy Stout	Assistant General Manager/Chief Operating Officer
Kristy Johnson	Executive Assistant
Michelle Ketchum	Director of Administration
Dustin Martindale	Director of Water Systems
Ricky Necaie	Director of Wastewater
Victor Narteh	Director of Engineering
Justin Gallegos	Director of Information Technology
Austin Ballard	Controller
Dakota Cambruzzi	Human Resource Manager
Brent Rose	Legal Counsel – Clyde Snow & Sessions PC – <i>Excused</i>

Guests (electronically):

Adam Spackman	System Administrator, Granger-Hunter Improvement District
Ian Bailey	GIS Specialist/IT Specialist, Granger-Hunter Improvement District
Brooke Petersen	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
Roger Nordgren	Former GHID Board Member/West Valley City Resident
Darci Stephens	Gillmore Bell Public Finance Counsel
Christina Osborn	J-U-B Engineers
Mike Charnholm	Goble Sampson Associates, Inc.

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 5:00 P.M. Debra Armstrong called the meeting to order and recognized all those present.

**Approval of the
November 17, 2020
Board Meeting Minutes**

A motion to approve the Board Meeting Minutes from November 17, 2020, was made by Debra Armstrong, followed by a second from Russell Sanderson.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

Conflicts of interest

There were none.

**MANAGEMENT
TEAM REPORTS
Consider Adoption of
Resolution 12-15-20.2**

Darci Stephens with Gillmore Bell Public Finance Counsel, presented Resolution 12-15-20.2 which, she explained, is an amendment to the first supplemental indenture to remove the requirement to fund a debt service fund and related matters. A brief discussion took place regarding the removal of the debt service fund and whether or not it would affect the District’s credit for future transactions. Ms. Stephens clarified that removing the debt service fund would not affect the District’s ability to borrow funds in the future. Russell Sanderson made a motion to adopt Resolution No. 12-15-20.2, authorizing modification of the first supplemental indenture to remove the requirement to fund a debt service fund and related matters. Following a second from Debra Armstrong, the motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

**Consider Adoption of
Resolution 12-15-20.3**

Ms. Stephens presented Resolution 12-15-20.3 which authorizes the issuance and sale of not more than \$4,250,000 aggregate principal amount of water and sewer revenue refunding bonds, series 2021 and related matters. Russell Sanderson made a motion to adopt Resolution No. 12-15-20.3, authorizing the issuance and sale of not more than \$4,250,000 aggregate principal amount of water and sewer revenue refunding bonds, series 2021; fixing the maximum aggregate principal amount of the bonds, the maximum number of years over which the bonds may bear, and the maximum discount from par at which the bonds may be sold; providing for the running of a contest period; authorizing the execution by the issuer of a general indenture and a supplemental indenture, and other documents required in connection therewith; authorizing the taking of all other actions necessary to the consummation of the transactions contemplated by this resolution; and related matters.. Following a second from Debra Armstrong, the motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

**Consider Adoption of
the 2024 Strategic Plan**

Jason Helm presented the 2024 Strategic Plan. Mr. Helm discussed some of the minor changes that were made and the addition of Appendix A. Mr. Helm asked the Board to consider approval of 2024 Strategic Plan. Debra Armstrong made a motion to approve the adoption of the 2024 Strategic Plan as outlined. Following a second from Corey Rushton, the motion passed as follows:

Armstrong – aye Rushton – aye Sanderson – aye

Consider Adoption of the Employee Handbook

Mr. Helm presented the Employee Handbook. Mr. Helm discussed changes and updates made to the Employee Handbook and presented Whistleblower Policy Options for the Board to consider. Corey Rushton made a motion to approve the adoption of the Employee Handbook as outlined. Following a second from Debra Armstrong, the motion passed as follows:

Armstrong – aye Rushton – aye Sanderson – aye

Consider Approval of the 2021 Board Meeting Schedule

Mr. Helm asked the Board to consider approval of the 2021 board meeting schedule, noting the addition of a July meeting date if necessary. Corey Rushton made a motion to approve the 2021 board meeting schedule as outlined. Following a second from Russell Sanderson, the motion passed as follows:

Armstrong – aye Rushton – aye Sanderson – aye

Administrative Update

Mr. Helm presented the current delinquent account report update. – See Delinquent Account Report attached to these minutes for details.

FINANCIAL REPORT

Consider Adoption of Resolution 12-15-20.1

Austin Ballard asked the Board to consider the adoption Resolution No. 12-15-20.1 replacing the certification of authorized individuals for Zions Bank – Bond Escrow Accounts. This resolution empowers Jason Helm, General Manager and Austin Ballard, Controller to act as Authorized Representatives on behalf of the District for the ongoing administration needs of all outstanding bond issues. Russell Sanderson made a motion to approve Resolution No.12-15-20.1 as specified. Following a second from Corey Rushton, the motion passed as follows:

Armstrong – aye Rushton – aye Sanderson – aye

Review & Discuss Financial Report for November 2020

Mr. Ballard summarized the November 2020 Financial Report. Mr. Ballard explained the revenue is close to 90% for the year, leaving the District short about \$500,000 for the year. However, the District has worked hard to mitigate expenses where possible in order to offset the revenue shortage.

Review & Discuss Paid Invoice Report for November 2020

Mr. Ballard discussed the November check report which totaled \$3,198,590.28 coming from five categories; Jordan Valley (24%), Central Valley (27%), taxes, payroll and benefits (9%), infrastructure (30%), and other (10%).

CAPITAL PROJECTS & ENGINEERING REPORTS

Consider Approval of a Contract with Tonka/Water Kurita for Rushton Groundwater Treatment Plant

Todd Marti asked the Board to consider approval of a contract with Tonka Water/Kurita for the supply of the Rushton Groundwater Treatment Plant Horizontal Pressure Filter Equipment in the amount of \$1,132,806.00 contingent on final approval of the Granger-Hunter Improvement District tentative 2021 budget. Debra Armstrong made a motion to approve the contract as noted. Following a second from Russell Sanderson, the motion passed as follows:

Armstrong – aye Rushton – aye Sanderson – aye

PUBLIC HEARING

At 6:00 P.M., Debra Armstrong opened the Public Hearing on the proposed 2021 budget. Legal notices were put in the newspaper, according to requirement specifications, on December 4, 2021.

Jason Helm welcomed the public and gave a brief overview and history of the District and a timeline of the budget. Mr. Helm discussed some final budget changes that were made since the November 17, 2020 board meeting and gave a summary of the proposed 2021 budget.

At 6:14 P.M., Corey Rushton made a motion to enter into a public comment session, followed by a second from Russell Sanderson.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

Public Comments

Mr. Helm explained the process for submitting public comments due to the need to hold an electronic Public Hearing in order to comply with COVID-19 safety guidelines. Mr. Helm read one public comment that was submitted prior to the Public Hearing:

Jerry Hanson at 7015 W Oromia View Dr., West Valley City, representing Bingham Point HOA, a senior development. Mr. Hanson asked if it will cost more in 2021 for the same volume of water that was used in 2020. He stated that most of the residents there, live on fixed incomes and since water is paid by the HOA, an increase in their HOA fees has to be carefully budgeted.

There were no other public comments.

After all public comments were voiced, Russell Sanderson moved to close the public comment section of the public hearing at 6:18 P.M. Following a second from Debra Armstrong, the motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

Consider approval of Resolution 12-15-20.4

Corey Rushton made a motion to approve Resolution No. 12-15-20.4, adopting the Granger-Hunter Improvement District’s financial plan, budget and other fees for the calendar year ending December 31, 2021, as it stands at the present time. Following a second from Russell Sanderson, the motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

At 6:22 P.M., Russell Sanderson made a motion to close the Public Hearing, followed by a second from Debra Armstrong.

The motion passed as follows;

Armstrong – aye Rushton – aye Sanderson – aye

Consider Approval of a Contract with Bowen, Collins & Associates for the 2021 Master Plan, Capital Improvement and Infrastructure Management Plan, Rate Study and Impact Fee Analysis

Todd Marti asked the Board to consider approval of a contract to begin January 1, 2021 with Bowen, Collins & Associates for the 2021 Master Plan, Capital Improvement and Infrastructure Management Plan, Rate Study and Impact Fee Analysis in the amount of \$284,388.00 contingent on final approval of the Granger-Hunter Improvement District tentative 2021 budget. Russell Sanderson asked that the Board get monthly updates as the study progresses. Corey Rushton made a motion to approve the contract as noted. Following a second from Russell Sanderson, the motion passed as follows:

Armstrong – aye Rushton – aye Sanderson – aye

Capital Projects Update Engineering Department Updates

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

**MAINTENANCE REPORT
Water Maintenance Update**

Troy Stout presented the water maintenance report. Mr. Stout discussed the water maintenance update report and noted the spike in breaks and leaks during December 2020 with some discussion regarding possible earthquake related leaks. – See Water Maintenance Board Report attached to these minutes for details.

Wastewater Maintenance Update

Mr. Stout presented the wastewater maintenance report. – See Wastewater Maintenance 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 Russell Sanderson, the motion passed as follows and the meeting adjourned at 7:00 P.M.

Armstrong – aye Rushton – aye Sanderson – aye

Debra K. Armstrong, Chair

Austin Ballard, Clerk

Master Plan Update, Rate Study & Impact Fee Analysis Update

Project: Master Plan, Rate & Impact Fee Study & Long-Term Capital Facility Plan –Operations & Maintenance (Eng. Consulting)
 Consultant: Bowen, Collins & Associates
 Progress: 1%
 Budget: \$290,000
 Contract: \$284,388

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 contract has been signed and the Consultant is beginning work. The project kick-off meeting was held January 14, 2021 and District staff are beginning to compile documents relating to assets and past studies.



Project Manager
Keith Larson, P.E.

KEITH'S FINANCIAL STUDIES EXP.

- American Fork City
- Ash Creek SSD**
- Cedar Hills
- Cody, Wyoming
- Herriman City
- Jordanelle SSD**
- Kearns ID
- Layton City
- Lehi City
- Logan City
- Magna Water District
- McCall City, Idaho
- Murray City
- North Davis SD
- North Village SSD**
- Park City
- Payson City
- Pleasant Grove City
- Provo City
- Sandy City
- Sandy Suburban SD
- Saratoga Springs City
- Salt Lake County MSD
- South Valley SD
- Spanish Fork City
- Springville City
- Strawberry Lake View SSD**
- St. George City
- Summit Water
- Taylorsville-Bennion ID
- Timpanogos SSD**
- Twin Creek SSD**
- Virgin Valley WD
- WaterPro

KEITH'S MASTER PLANNING EXP.

- SLC Water Major Conveyance Plan and Sewer Master Plan
- Timpanogos Special Service District Capital Facility and Impact Fee Plans*
- Herriman City Potable and Secondary Water System Master Plans
- Magna Water District Water and Sewer Master Plans
- Payson City Sewer and Storm Drain Master Plans
- Twin Creeks Special Service District Water and Sewer Master Plans*
- Saratoga Springs Sewer and Storm Drain Capital Facility and Impact Fee Plans
- Jordanelle Special Service District Water and Sewer Master Plans*
- North Village Special Service District Water and Sewer Master Plans*
- Utah Water Conservancy District Water System Master Plan
- Provo City Sewer and Water Master Plans
- Orem City Water, Sewer, and Storm Drain Master Plans
- Sandy City Water Master Plan
- MWDLS Supply and Demand Study
- Lehi City Water, Sewer, and Pressure Irrigation Master Plans
- Ivins Water, Sewer, and Pressure Irrigation Master Plan
- Virgin Valley Water District Water Master Plan
- Layton City Water, Sewer, and Storm Drain Master Plans
- Ash Creek Special Service District Sewer Master Plan*
- American Fork Storm Drain Master Plan
- Park City Water Master Plan
- Snyderville Basin Water Transport Study
- Weber Basin Water Conservancy District Supply and Demand Study
- Ogden City Water Major Conveyance Study and Sanitary Sewer Master Plan
- Ashley Valley Wastewater Collection System Master Plan
- Major Conveyance Master Plan for JWCD



Capital Improvement and Infrastructure Management Plans

GRANGER-HUNTER IMPROVEMENT DISTRICT

JANUARY 19, 2021

Challenges Facing the District



FUTURE GROWTH



AGING
INFRASTRUCTURE



INCREASED O&M COSTS

The Solution – Capital Improvement and Infrastructure Management Plans

Identify Required Improvements

- Project growth and evaluate system capacity
- Assess rehabilitation and replacement needs
- Estimate future operation and maintenance costs

Explore Funding Alternatives

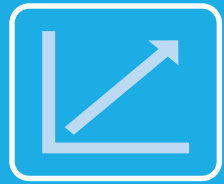
- Impact fee contributions
- Comparison of needs verses revenue
- Explore options to increase revenue if needed: User rates, property taxes increases, etc.

Execute the Plan

- Adopt multiple year improvement and financial plan
- Periodic review and revision

Identify Required Improvements

CAPACITY EVALUATION



Project Future Growth



Model System Performance



Identify Projects to Resolve System Deficiencies

INFRASTRUCTURE MANAGEMENT



Review Existing GIS and Inspection Data



Field Assess Condition of Larger Facilities



Develop Plan for the Rehabilitation and/or Replacement of System Infrastructure

Explore Funding Alternatives

Impact Fees

- Impact fees strictly dictated by state law
- Will calculate impact fees based on updated facility plan

Taxes

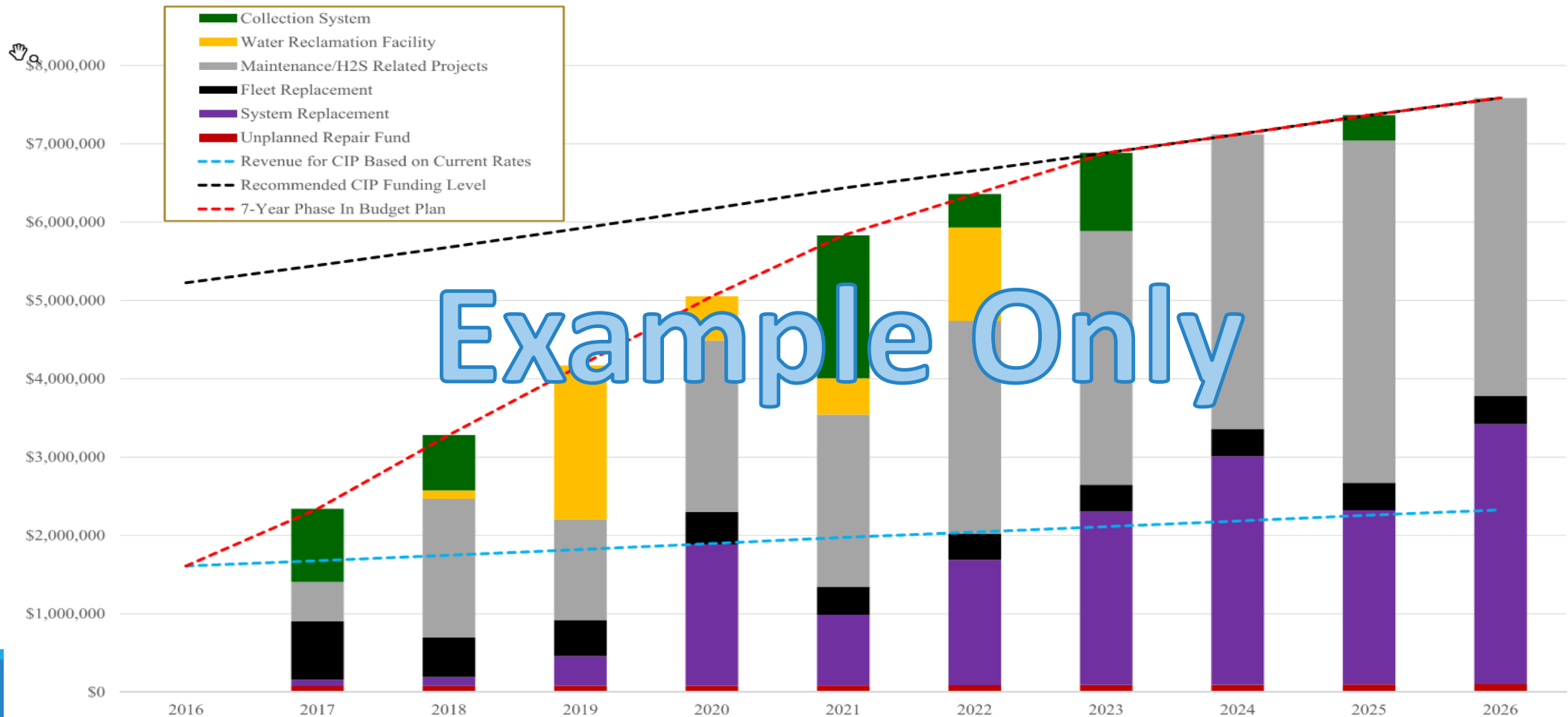
- Will explore revenue associated with current assessment and potential impacts of changing tax

Rates

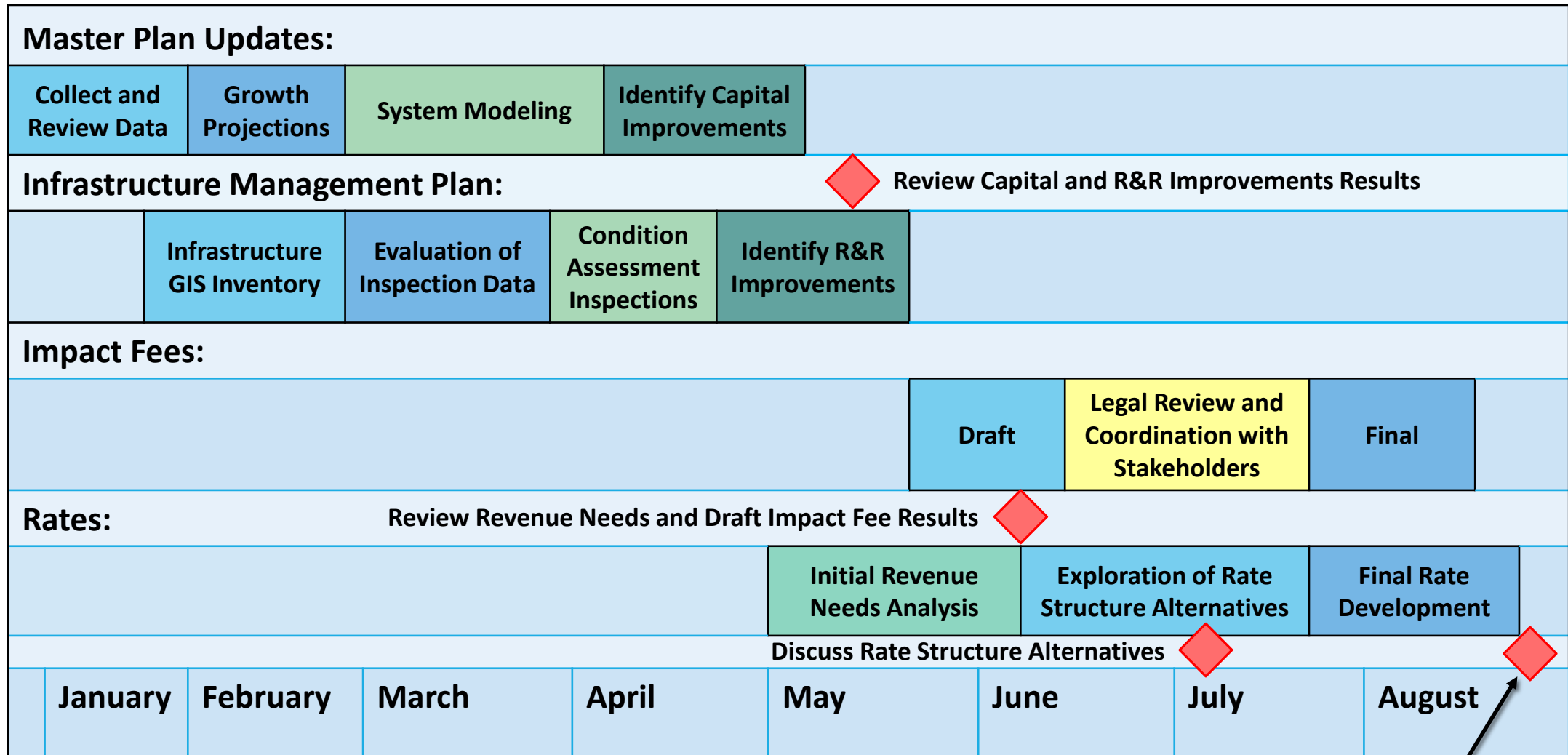
- Will evaluate up to 3 different rate structure alternatives
- Develop phase-in plan
- Comparison with other entities


Execute the Plan

Figure 7-5
Recommended Sewer Fund Expenditures, Scenario 2 - 7-year Phase In Plan



What to expect



 Board Review

Presentation of Final Results 

Jordan Valley Water Conservancy District review



JORDAN VALLEY WATER CONSERVANCY DISTRICT

*Monthly Summary of Water Deliveries in Acre Feet
November 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	127.85	117.46	9%	3,613.77	2,796.50	29%	2,078.23	1,756.06	18%	2,500	145%
Copperton Improvement District	0.00	0.00		0.96	20.64	-95%	0.96	0.00		0	
Draper City	147.22	121.63	21%	4,921.43	3,887.13	27%	3,012.13	2,554.29	18%	3,800	130%
Granger-Hunter Improvement District	761.84	667.79	14%	19,478.62	18,208.04	7%	10,944.53	11,478.15	-5%	18,500	105%
Herriman City	171.89	222.87	-23%	5,999.22	4,314.40	39%	3,577.14	3,010.74	19%	2,667	225%
Hexcel Corporation	58.56	55.88	5%	656.38	823.82	-20%	281.72	336.76	-16%	720	91%
Kearns Improvement District	338.53	367.12	-8%	8,632.80	7,105.00	22%	5,011.06	4,319.47	16%	7,000	123%
Magna Water District	65.57	62.29	5%	736.18	764.48	-4%	333.18	342.45	-3%	800	92%
Midvale City	110.67	155.76	-29%	3,425.14	2,461.95	39%	1,814.22	1,736.92	4%	3,085	111%
Riverton City	252.26	264.47	-5%	4,514.66	4,075.38	11%	2,355.11	2,221.16	6%	4,000	113%
South Jordan City	629.77	524.82	20%	18,528.42	14,649.23	26%	11,064.63	9,535.62	16%	14,200	130%
City of South Salt Lake	90.25	99.38	-9%	923.02	905.38	2%	532.15	476.93	12%	1,020	52%
Taylorsville-Bennion Improvement District	254.86	187.14	36%	4,397.42	4,044.12	9%	1,994.94	1,830.16	9%	4,700	94%
Utah Department of Corrections	38.44	45.96	-16%	463.96	486.96	-5%	195.83	218.84	-11%	548	85%
WaterPro, Inc.	11.68	80.37	-85%	1,350.90	911.77	48%	1,111.72	864.89	29%	950	142%
City of West Jordan	903.44	715.90	26%	21,922.59	17,671.13	24%	12,321.66	10,821.06	14%	16,500	133%
White City Water Improvement District	0.00	0.00		0.00	0.00		0.00	0.00		0	
Willow Creek Country Club	3.68	0.19	1831%	385.48	284.82	35%	241.57	204.81	18%	350	110%
Wholesale System Subtotal	3,966.51	3,689.04	8%	99,950.97	83,410.77	20%	56,870.78	51,708.32	10%	81,340	122%
Retail System	324.65	327.20	-1%	8,465.88	7,567.06	12%	4,898.52	4,605.29	6%		
Total Wholesale & Retail	4,291.17	4,016.24	7%	108,416.85	90,977.83	19%	61,769.31	56,313.61	10%		

Other M&I

MWDSLS (Transported)	290.84	57.00	410%	12,612.88	10,608.00	19%	8,467.88	7,321.00	410%		
MWDSLS (Treated)	0.00	0.00		0.00	0.00		0.00	0.00			
District Use (Non-revenue)	25.75	24.10	7%	650.50	545.87	19%	370.62	337.88	7%		
Other Deliveries Subtotal	316.59	81.10	290%	13,263.38	11,153.87	19%	8,838.49	7,658.88	290%		
Total M&I Deliveries	4,607.75	4,097.34	12%	121,680.23	102,131.70	19%	70,607.80	63,972.49	10%		

Irrigation and Raw Water Deliveries

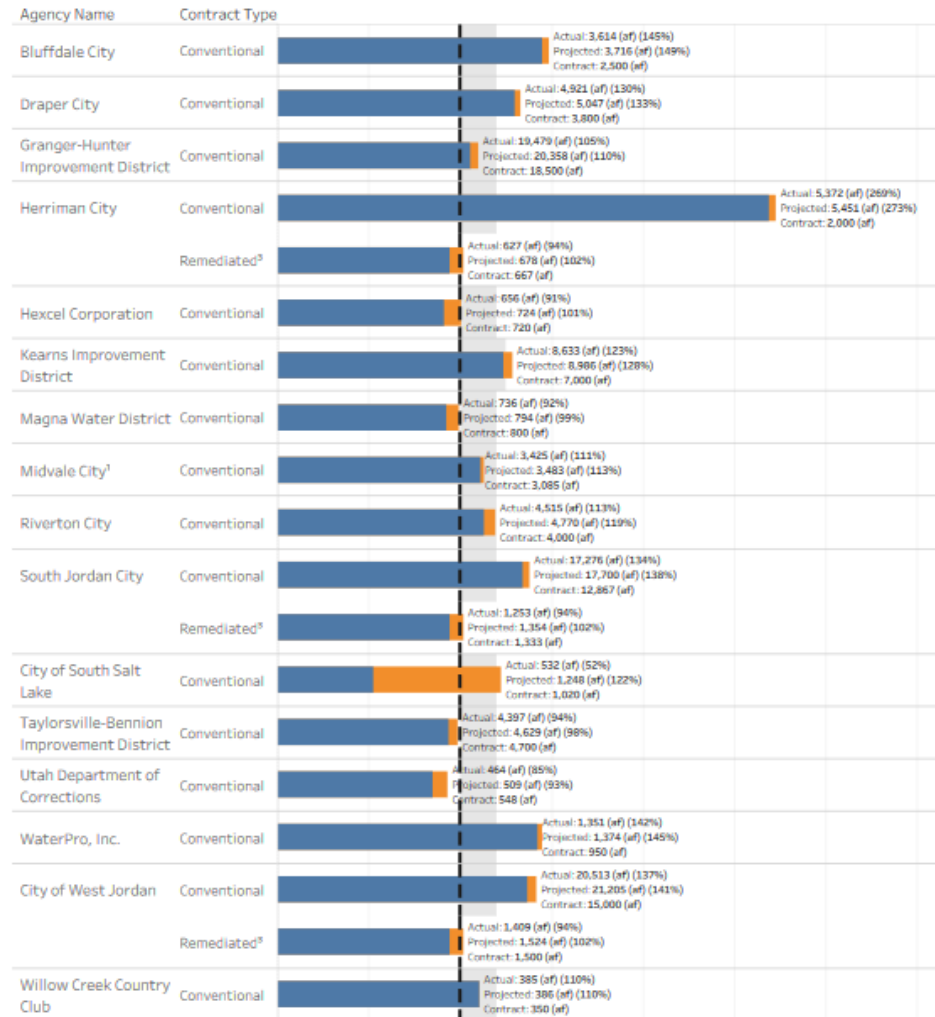
Welby Jacob Water Users	0.00	0.00		32,327.74	26,195.16	23%	19,762.45	18,733.02	5%		
Total Irrigation and Raw Water	0.00	0.00		32,327.74	26,195.16	23%	19,762.45	18,733.02	5%		
Total Deliveries	4,607.75	4,097.34	12%	154,007.96	128,326.86	20%	90,370.25	82,705.51	9%		

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 MWDSLS by JVVCD is delivered to Salt Lake City at 2100 South.
Water treated by JVVCD for MWDSLS is delivered to Sandy City along 11400 South.
District use includes water consumed in breaks, reservoir washing, fires, and irrigation.



Jordan Valley Water Conservancy District Wholesale Contract Progress by % November 2020

■ Actual % of Contract
■ Projected % of Contract²



¹Due to an increase in contract Midvale projections fall short of their contract total.

²Projected deliveries are calculated as an average monthly delivery over the previous three years for months left in the contract year.

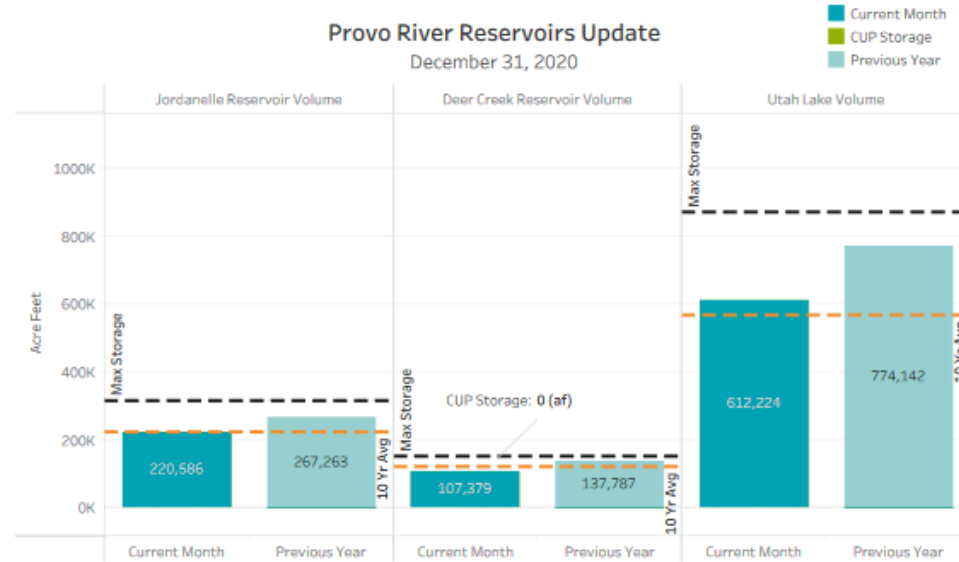
³Remediated water is credited first as it becomes available.



Jordan Valley Water Conservancy District

Provo River Reservoirs Update

December 31, 2020

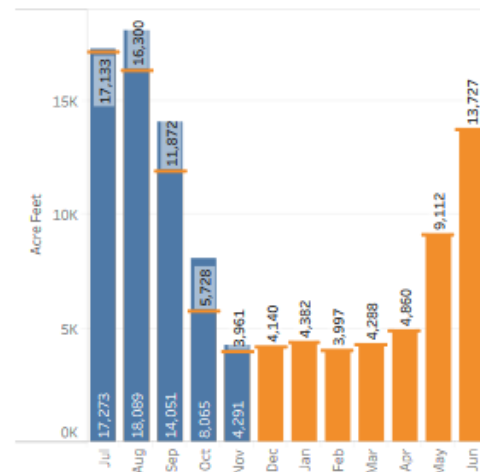


The available data for Jordanelle Reservoir 10 Yr Avg begins with April, 2014.

Wholesale + Retail Actual & Projected Deliveries

FY 2021

Through November 2020



Water Outlook Update

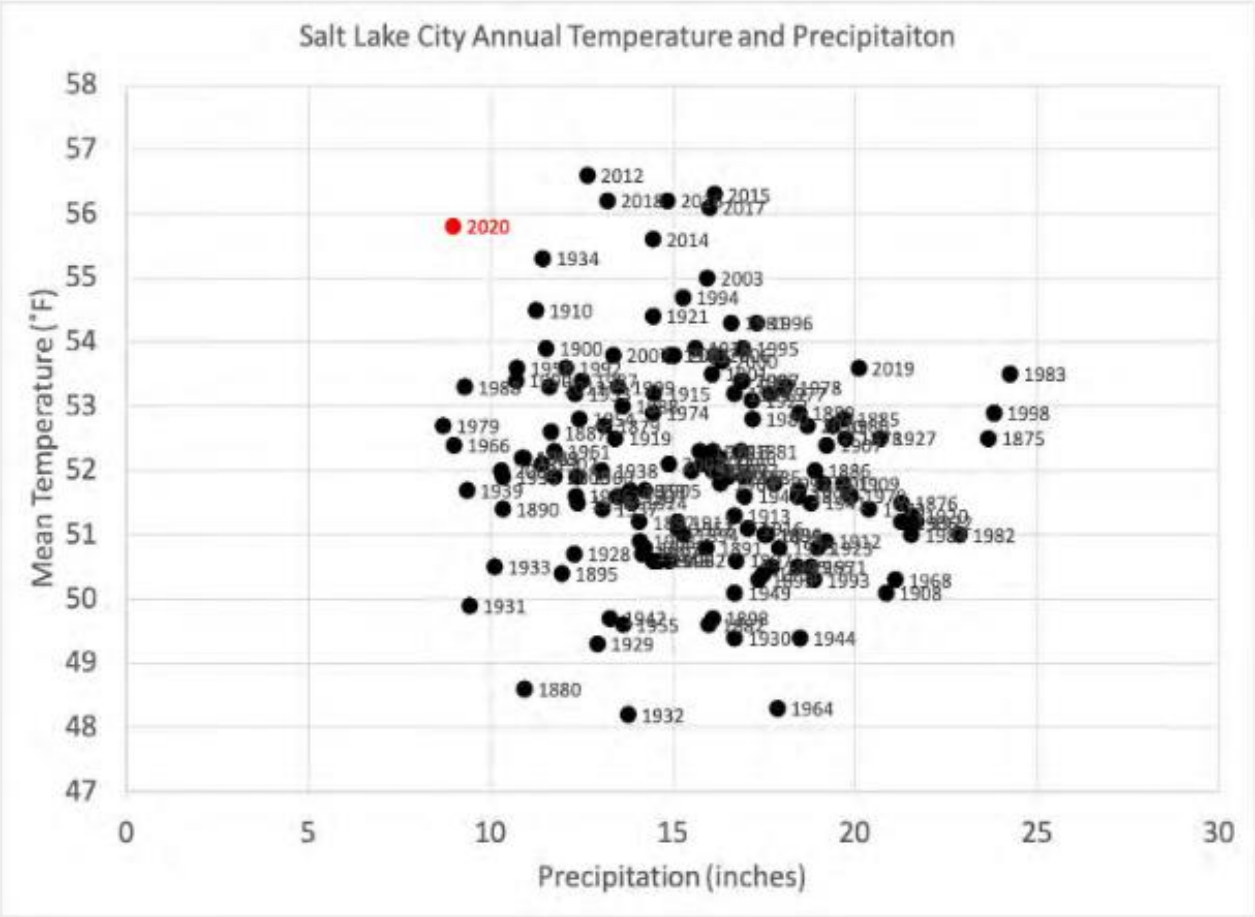
(Provo River - Utah Lake - Jordan River)

January 5, 2021

BASIN		SNOW WATER EQUIVALENT			TOTAL PRECIPITATION		
Site Name	Elev (ft)	Curre.	Median	% of Median	Current	Avg	% of Avg
Beaver Divide	8,280	2.5	4.4	57%	4.5	8.4	54%
Brighton	8,766	4.9	8.9	55%	6.6	13.0	51%
Cascade Mountain	7,774	3.9	9.5	41%	5.1	13.0	39%
Clear Creek #1	8,975	3.7	6.2	60%	6.4	9.8	65%
Clear Creek #2	7,837	3.9	5.2	75%	5.3	8.0	66%
Daniels-Strawberry	8,008	3.8	5.5	69%	4.5	9.8	46%
Dry Fork	7,093	3.1	5.9	53%	4.2	9.3	45%
Lookout Peak	8,161	6.8	9.4	72%	8.9	15.0	59%
Louis Meadow	6,700	4.7	9.4	50%	6.3	13.5	47%
Mill-D North	8,963	6.0	8.7	69%	6.0	12.4	48%
Parleys Summit	7,585	4.5	6.4	70%	6.7	11.3	59%
Payson R.S.	8,044	3.5	6.2	56%	5.4	8.3	65%
Snowbird	9,177	9.3	12.1	77%	10.7	17.9	60%
Timpanogos Divide	8,140	4.8	7.1	68%	6.1	12.8	48%
Trial Lake	9,992	6.1	8.1	75%	6.2	11.2	55%
Basin Index (%)					75%		64%

-M = Missing Data
 * = Analysis may not provide a valid measure of conditions
 R= Rough, <10 years of data available.

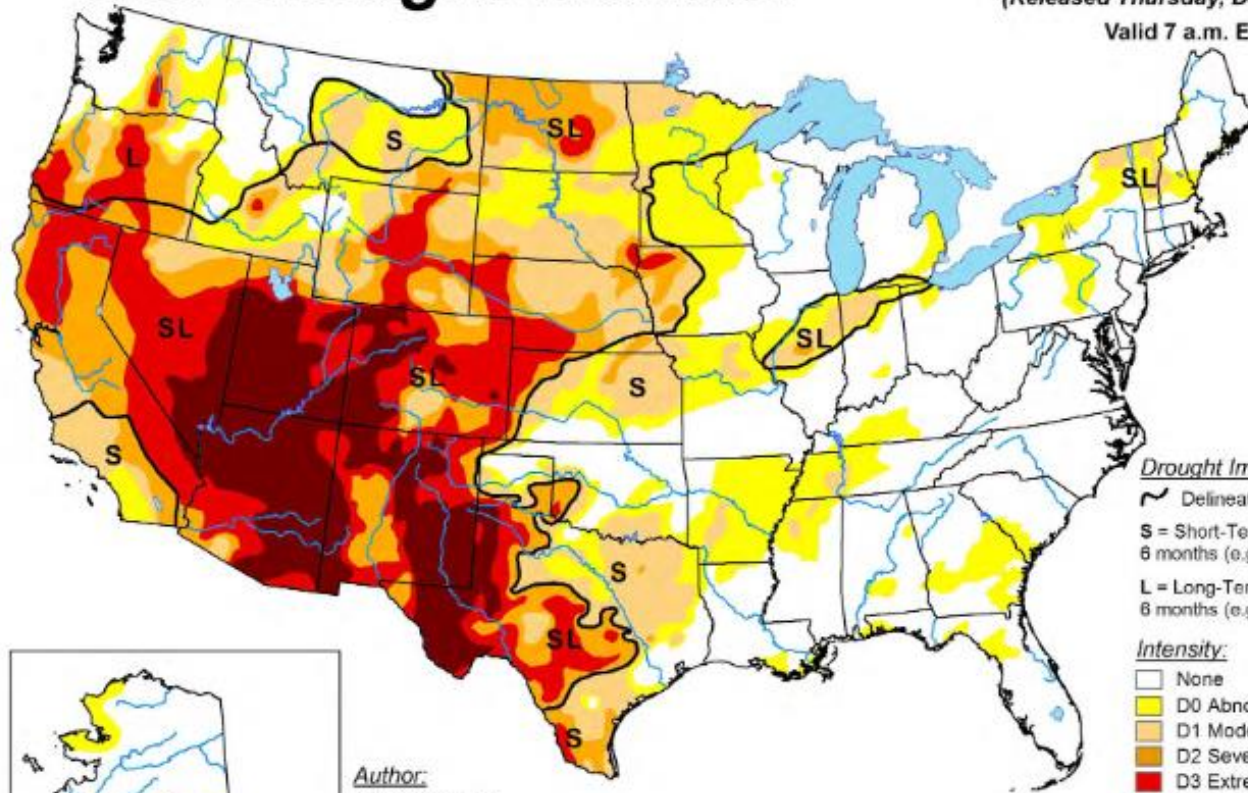




U.S. Drought Monitor

December 29, 2020
(Released Thursday, Dec. 31, 2020)

Valid 7 a.m. EST

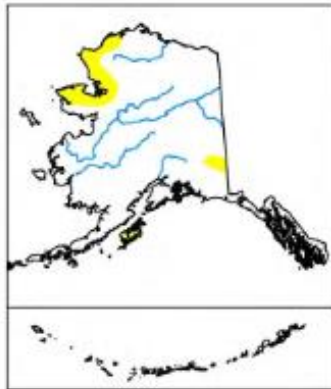


Drought Impact Types:

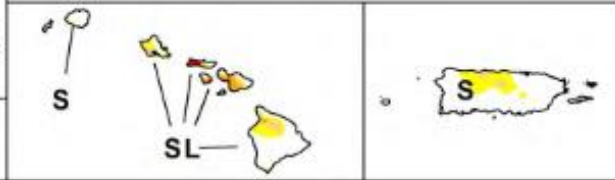
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought



Author:
Adam Hartman
NOAA/NWS/NCEP/CPC



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu



GRANGER-HUNTER
IMPROVEMENT DISTRICT



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Water Quality Report

Lead and Copper Rule Revisions

January 13, 2021



GRANGER-HUNTER
IMPROVEMENT DISTRICT

Central Valley Water Reclamation Facility review



**Central Valley Water Reclamation Facility
Monthly Cost Summary
December 31, 2020**

Description	Monthly Costs
Facility Operation	1,831,938
Pretreatment Field	74,492
Entity Lab Work	4,590
Net Lab Costs	67,771
Bond Trust Payment	453,062
Bond/Cash Capital	4,416,572
State Loan	3,300,600
Pay-as-you-go CIP	206,939
	10,355,964

Member Entity	O & M Monthly					
	Capital %	Average %	Pretreatment %	2017A Bond %	2017B Bond %	2019A Bond %
Cottonwood	18.3866%	15.5841%	6.96%	32.7511%	0.00%	30.1386%
Mt Olympus	22.8006%	23.9141%	24.19%	0.00%	0.00%	0.0000%
Granger-Hunter	22.9532%	25.5076%	21.64%	40.8854%	0.00%	37.6239%
Kearns	10.9200%	11.8422%	4.55%	0.00%	100.00%	17.8996%
Murray	8.7471%	7.4639%	16.20%	15.5807%	0.00%	14.3379%
South Salt Lake	6.0535%	4.6045%	24.60%	10.7828%	0.00%	0.0000%
Taylorsville-Ben	10.1390%	11.0836%	1.86%	0.00%	0.00%	0.0000%
	100.0000%	100.0000%	100.0000%	100.0000%	100.00%	100.0000%

Calculation	Description	Cottonwood	Mount Olympus	Granger-Hunter	Kearns	Murray	South Salt Lake	Taylorsville-Bennion	Total
Monthly flows % (Table 5)	Facility Operation	285,491.05	438,091.49	467,283.42	216,941.76	136,734.02	84,351.59	203,044.68	1,831,938.01
Directly reimbursable costs	Pretreatment Field	5,184.64	18,019.61	16,120.07	3,389.39	12,067.70	18,325.03	1,385.55	74,491.99
Directly reimbursable costs	Entity Lab Work	120.00	1,170.00	1,221.00	180.00	624.00	315.00	960.00	4,590.00
Monthly flows % (Table 5)	Net Lab Costs	10,561.50	16,206.82	17,286.76	8,025.58	5,058.36	3,120.52	7,511.47	67,771.01
	Total O & M	301,357.19	473,487.92	501,911.25	228,536.73	154,484.08	106,112.14	212,901.70	1,978,791.01
	2019 Bond Entity Capital Draws (Do not pay)	812,057.43	-	1,013,744.60	482,289.66	386,321.97	-	-	2,694,413.66
	State Loan Draws (Do not pay)	606,868.12	752,556.60	757,593.32	360,425.52	288,706.78	-	334,647.83	3,100,798.17
	State Loan SSL	-	-	-	-	-	199,801.82	-	199,801.82
	Cash Entity Capital	-	1,007,004.92	-	-	-	267,357.19	447,796.24	1,722,158.35
	Monthly CIP (pay-as-you-go)	38,049.05	47,183.33	47,499.12	22,597.74	18,101.16	12,527.05	20,981.55	206,939.00
	2017 A & B Bond Trust Payments	60,391.72	-	75,391.04	40,928.00	28,730.19	19,883.05	-	225,324.00
	2019A Bond Trust Payments	68,637.04	-	85,683.92	40,764.19	32,652.85	-	-	227,738.00
	Total Entity Bill for Month	468,435.00	1,527,676.17	710,485.33	332,826.66	233,968.28	605,681.25	681,679.49	4,560,752.18



Table 3

November-2020

Summary Of Loadings To The Central Valley Plant
Based On Data From Previous 12 Months

ENTITY	FLOW MGD	BOD Mg/l	BOD # Per Day	TSS Mg/l	TSS # Per Day
COTTONWOOD	6.38	239.18	12,735.19	261.95	13,947.51
MOUNT OLYMPUS	11.17	212.21	19,775.25	210.93	19,655.81
GRANGER-HUNTER	10.72	232.49	20,793.96	252.18	22,554.61
KEARNS	3.25	422.67	11,462.89	407.59	11,054.04
MURRAY	3.24	254.59	6,870.40	218.16	5,887.25
SOUTH SALT LAKE	1.95	311.40	5,060.29	188.13	3,057.16
TAYLORSVILLE-BENNION	4.27	289.31	10,312.83	259.84	9,262.37
TOTALS	40.99	254.51	87,010.81	249.85	85,418.74

Table 5

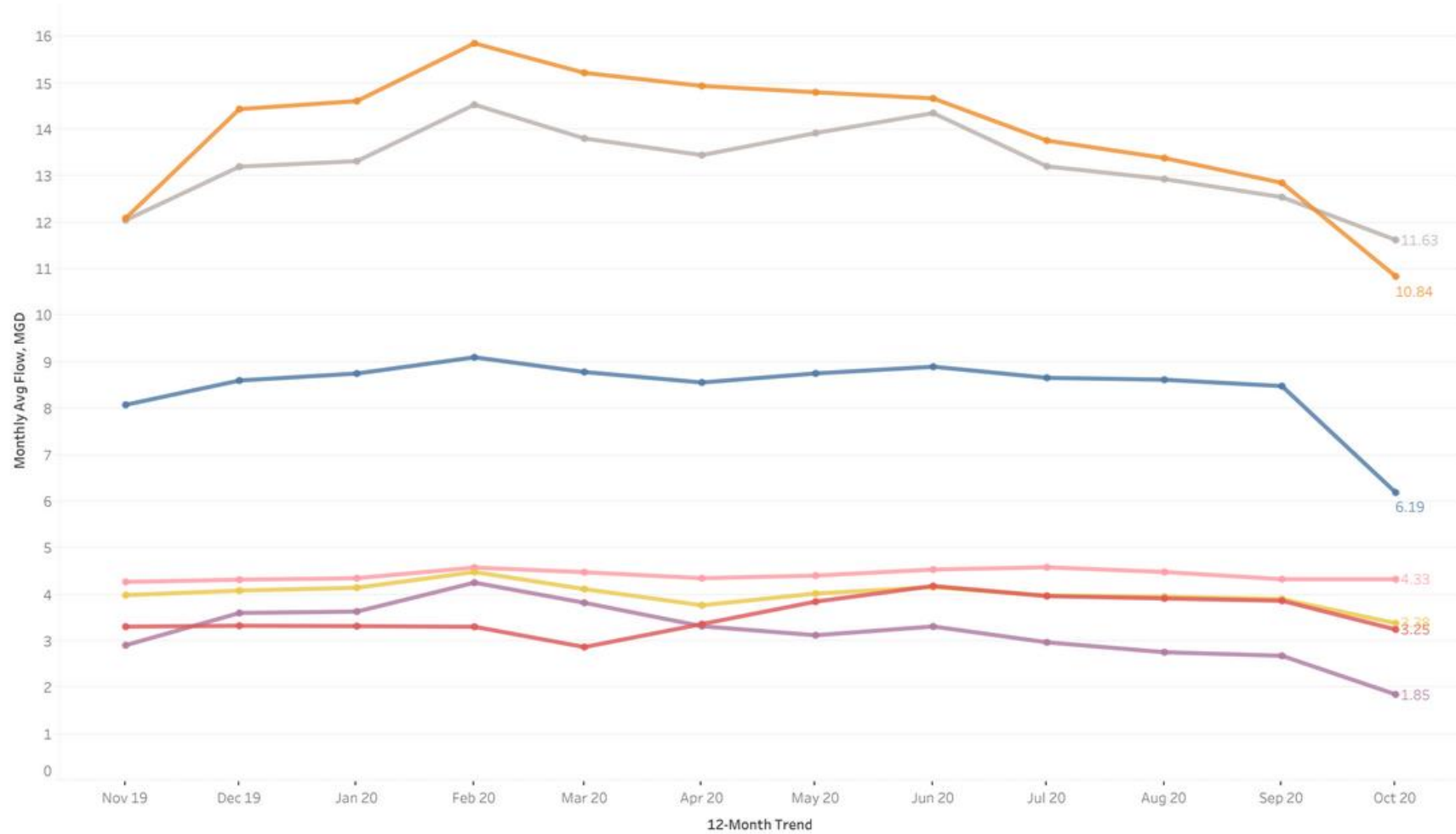
November-2020

Entities Share Of O&M Cost

ENTITY	Percent Based On Flow	Percent Based On BOD	Percent Based On TSS	Percent Of Total O&M Cost's
COTTONWOOD	3.6601%	4.9048%	7.0192%	15.5841%
MOUNT OLYMPUS	6.4059%	7.6162%	9.8920%	23.914099%
GRANGER-HUNTER	6.1482%	8.0085%	11.3508%	25.507548%
KEARNS	1.8643%	4.4148%	5.5631%	11.8421%
MURRAY	1.8551%	2.6460%	2.9628%	7.4639%
SOUTH SALT LAKE	1.1171%	1.9489%	1.5385%	4.6045%
TAYLORSVILLE-BENNION	2.4504%	3.9719%	4.6614%	11.0836%
TOTALS	23.5011%	33.5111%	42.9879%	100.0000%

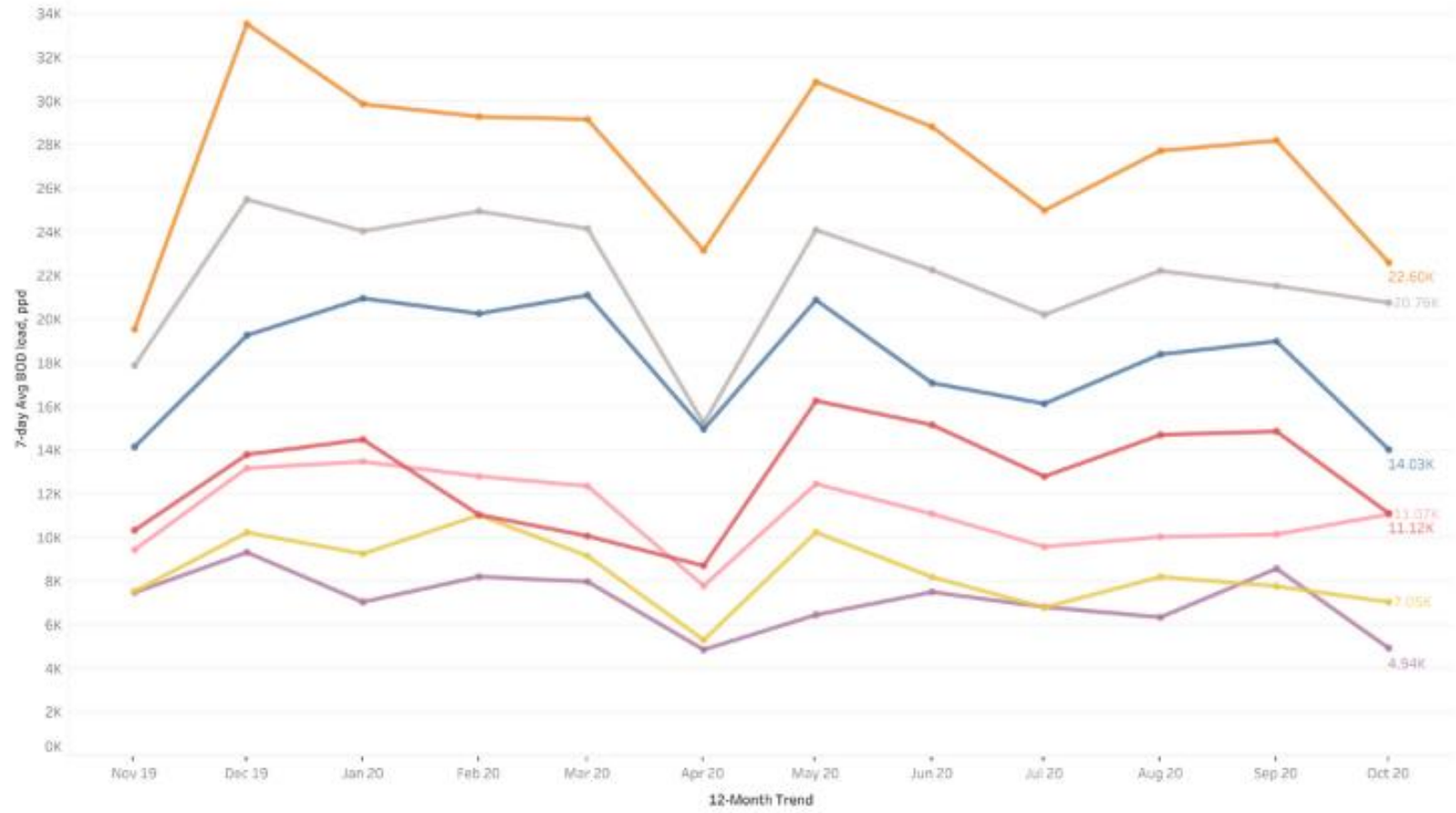


Member Entity Flow Comparison



- Entity**
- Cottonwood
 - Granger-Hunter
 - Kearns
 - Mount Olympus
 - Murray
 - South Salt Lake
 - Taylorville-Bennion

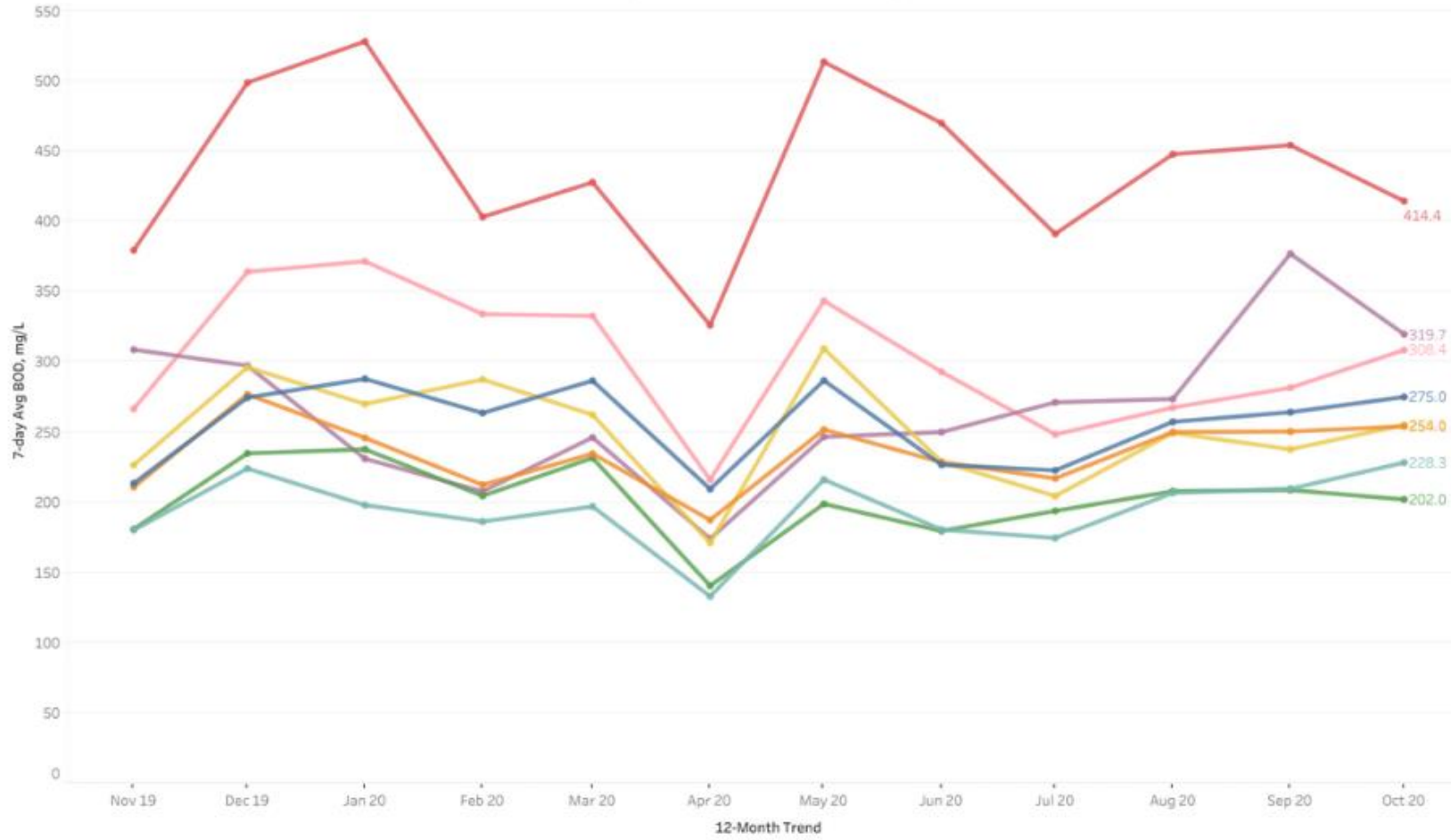
Member Entity BOD Load Comparison



- Entity
- Cottonwood
 - Granger-Hunter
 - Kearns
 - Mount Olympus
 - Murray
 - South Salt Lake
 - Taylorville-Bennion



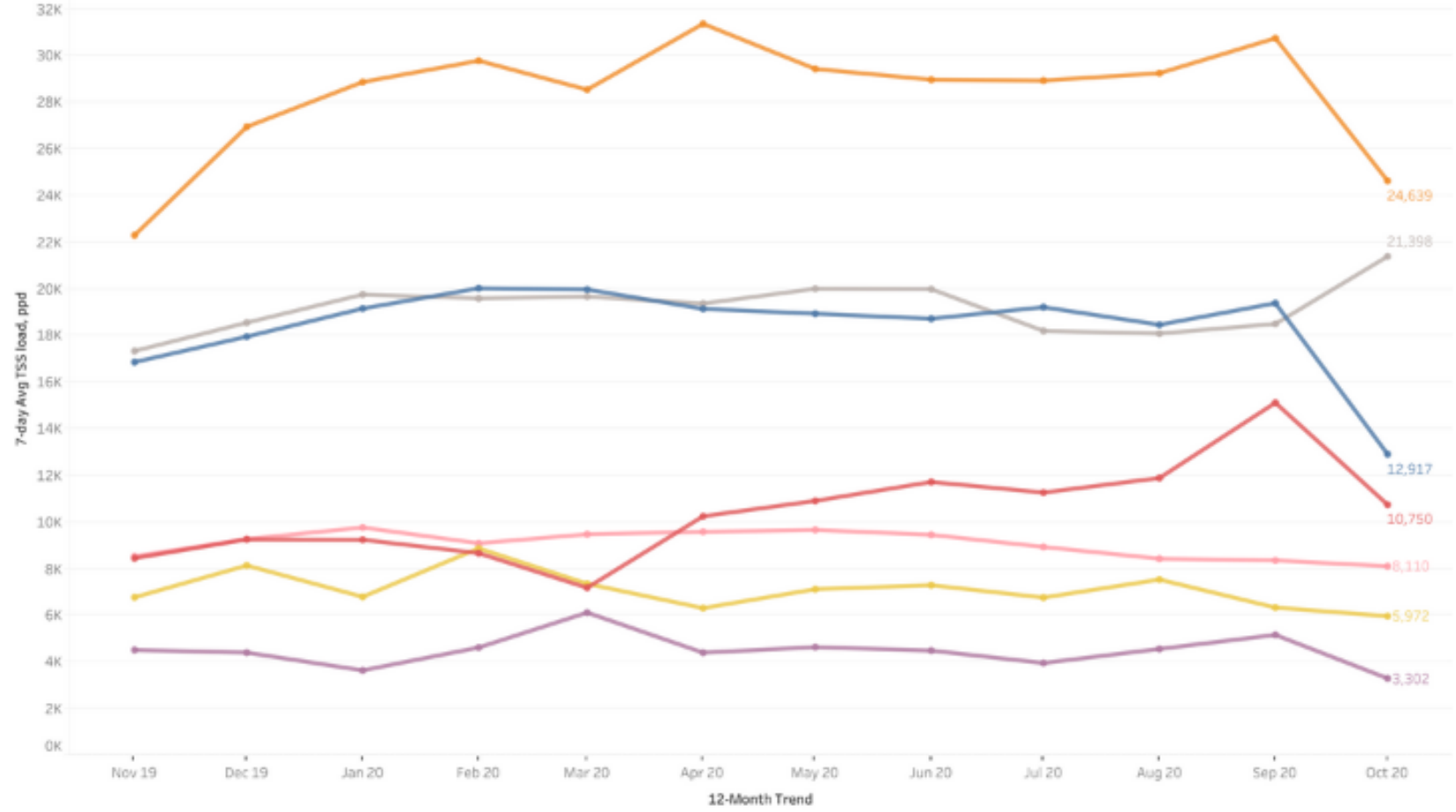
Member Entity BOD Concentration Comparison



- Entity
- Cottonwood
 - Granger-Hunter
 - Kearns
 - Mount Olympus East
 - Mount Olympus South
 - Murray
 - South Salt Lake
 - Taylorville-Bennion



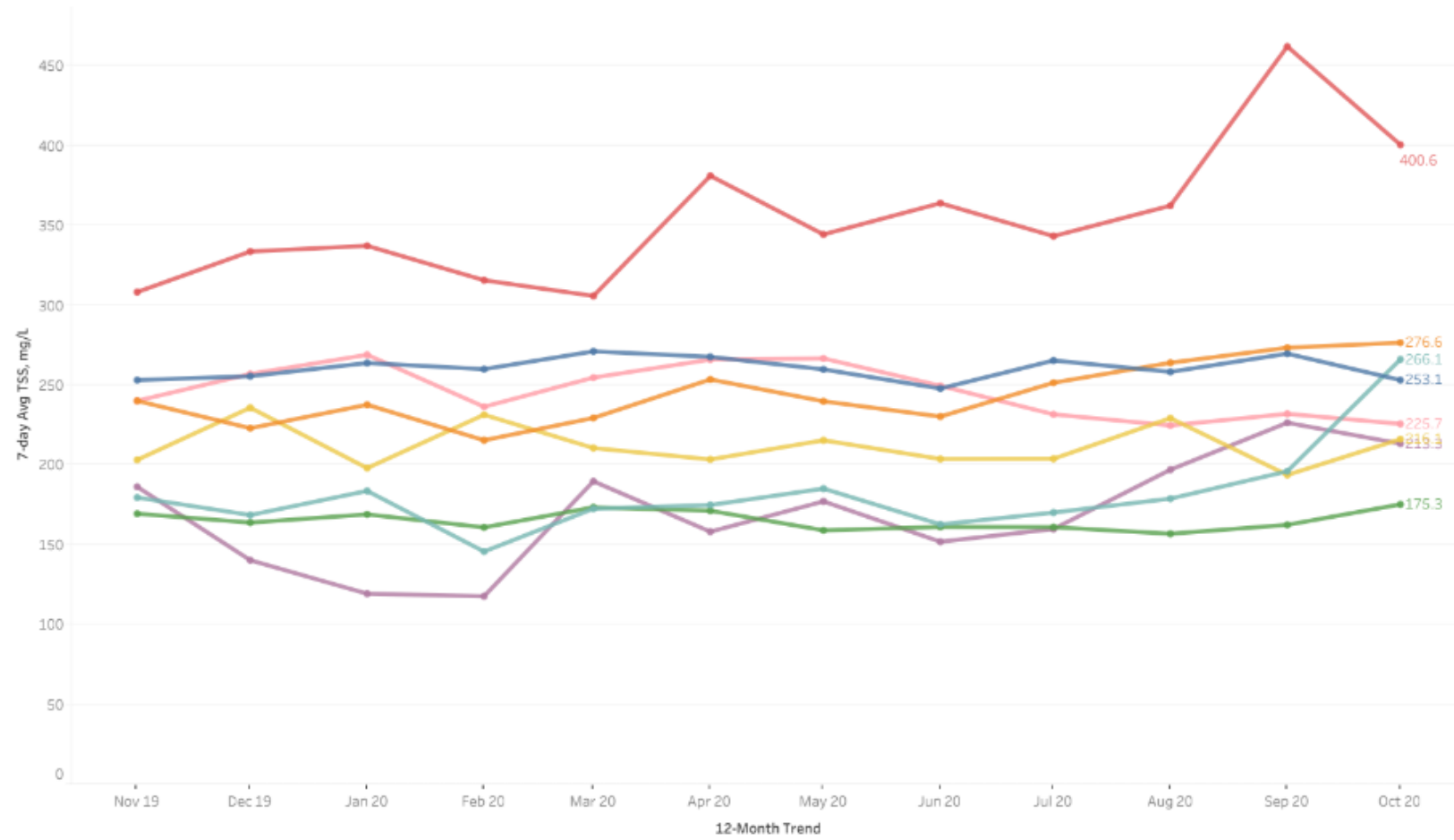
Member Entity TSS Load Comparison



- Entity
- Cottonwood
 - Granger-Hunter
 - Kearns
 - Mount Olympus
 - Murray
 - South Salt Lake
 - Taylorville-Bennion



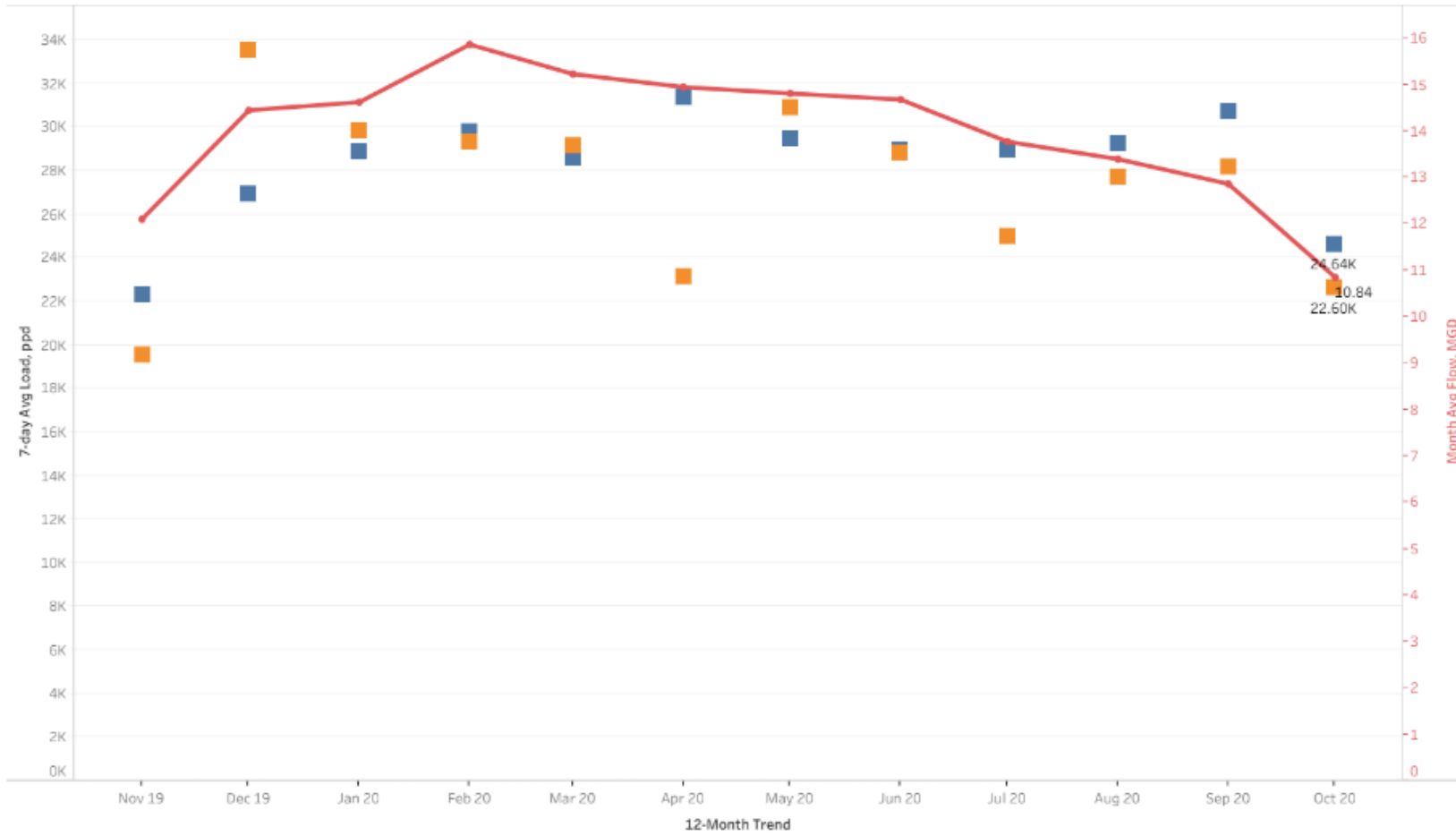
Member Entity TSS Concentration Comparison



- Entity**
- Cottonwood
 - Granger-Hunter
 - Kearns
 - Mount Olympus East
 - Mount Olympus South
 - Murray
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 - Taylorville-Bennion



Granger-Hunter Monthly Flow and Load



- Measure Names**
- Sum of Monthly Avg Entity Flows
 - 7-day Avg BOD load
 - 7-day Avg TSS load



Legislative Update

January 19



H.B. 13

School and Child Care Center Water Testing Requirements

(Rep. Handy)

- ❖ Requires testing of drinking water for lead at schools and child care centers
- ❖ Addresses funding
- ❖ Requires action if lead tests results are above a certain level
- ❖ Utah's Lead and Copper Rule



H.B. 14

Water Conservancy District Amendments

(Rep. Handy)

- ❖ Amends provisions of the Election Code to provide for filling a vacancy on the board of a water conservancy district located in more than one county.



H.B. 144

Water Conservancy District Amendments

(Rep. Moss)

- ❖ Requires retail water provider to establish a culinary water rate structure that incorporates increasing block units of water used
- ❖ Inclusion of provision to take into consideration the lot size of a customer receiving water



S.B. 16

Utah Retirement Systems Amendments (Senator Harper)

- ❖ Minor amendments



Claims Against the District Not Covered by Insurance

Section 8.3.C Administrative Handbook

*The District will provide restoration or replacement of damaged furnishings and/or structure based on the current fair market value. The General Manager or an Assistant General Manager is authorized to settle claims for restoration and replacement up to \$20,000 per occurrence. **Any claim in excess of \$20,000 must be authorized by the Board.***

Claim Description :

- Water Main Rupture – Cast Iron Pipe Shear on October 23, 2020
- Flooded basement at 4394 Early Duke Street with three feet of water

Liability Review:

- Homeowner's Insurance Policy does not provide Coverage
- GHID General Liability Coverage – Declined Liability, Not Negligent
 - Contesting – In Process and Review
- GHID No-Fault Insurance Coverage – \$5,000
- Section 8.3 requires District payment for clean-up costs

Cost Review:

- Clean-up Costs - \$27,893.46 (Section 8.3 requires District payment)
- Restoration – \$34,701.98 (A)
- Contents - \$13,287.41 (B)
- No-Fault Insurance Coverage - \$5,000.00 (C)
- Resulting No-Fault Claim - **\$42,989.39** (A + B - C)

RECOMMENDATION:

Consider Approval, in accordance with the Administrative Handbook and the GHID Sewer System Management Plan, of payment in the amount of **\$42,989.39** to the Property Owners for restoration and contents replacement as damaged during the October 23, 2020 water main rupture incident at 4394 Early Duke Street.



COVID-19 Vaccination Update

Priority Groups:


- Healthcare Workers
- School Staff
- Age Based – 70+ starting January 18th
- General Public / Essential Workers
 - Essential Workers have been removed from the Distribution Timeline

Vaccine Distribution Timing:

- Highly dependent upon number of vaccines received
- Efficiency of distribution
- ~103,000 doses administered to date with some being second doses, ~3% of the State population

Frequently Asked Questions:


- Vaccine can be required by employers of staff, most opting for strong encouragement
- Public administration and management of vaccines will be overseen by the Health Department
- Unknown when masks can stop being worn, to be determined by CDC, Health Departments
- If you've had COVID-19 within 90 days – discouraged from getting vaccine
- Side effects include slight fever, headache, soreness that go away in a couple days
- Health Department is advising not necessary or possible to get on a waiting list. When available it will be available in multiple locations and process outlined.



Vaccine distribution timeline*

- Now – February**
 - Any healthcare worker who has contact with patients (like dentists, pharmacists, independent medical clinics, physical or occupational therapists, front office staff in a clinic, medical aesthetics, home healthcare workers, community health workers, public health workers, etc.)
 - Tribal health, Tribal EMS, and Tribal public health workers
 - Long-term care facility staff and residents (including assisted living and skilled nursing facilities)
 - K-12 teachers and school staff
 - All first responders like EMS personnel, law enforcement officers, dispatchers, and corrections officers
 - Utahns 70 years of age and older
- March – July**
 - Tribal reservation communities
 - Additional Utahns based on age (prioritization to be determined)
 - Utahns with certain underlying medical conditions (specific medical conditions to be determined)
 - Additional Utahns living in congregate care settings (prioritization to be determined)
 - Racial and ethnic groups at higher-risk
 - All Utahns

*Subject to change based on vaccine availability



Coronavirus.Utah.gov/Vaccine



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OFFICIAL VACCINE INFORMATION
FOR THE STATE OF UTAH

Vaccine distribution timeline*

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Coronavirus.Utah.gov/Vaccine



GRANGER-HUNTER
IMPROVEMENT DISTRICT

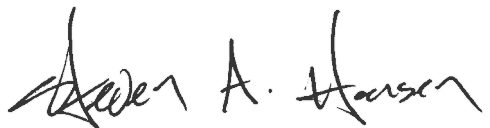


Insurance Coverage General Term Sheet

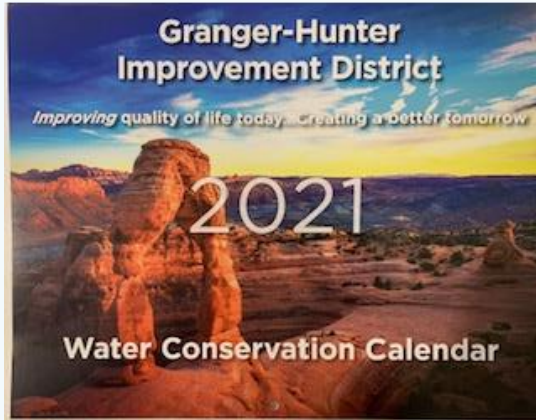
Coverage will be governed by the terms and conditions of your policies.

1. Insured: Granger-Hunter Improvement District
2. Coverage Type: Liability, Property, and Auto Physical Damage
3. Coverage Term: 1/23/21 to 1/23/22
4. 2021 Liability Premium: \$105,967
5. 2021 Property Premium: \$71,353 per current rate and statement of values
6. 2021 Auto Physical Damage Premium: \$20,302 per current rate and schedule
7. 2021 Excess Earthquake & Flood: \$90,697 per current statement of values
8. Granger-Hunter Improvement District retains the right to any rate reductions offered by the Trust during policy term

Order to bind insurance coverage:

Approved By	Date
Name, Title	
	1.12.21
Steven A. Hansen CEO	Date

Conservation Grant Update



2021 Conservation Calendars are now available to GHID customers.

WaterSense Showerheads and Spray Nozzles are now available to new customers to promote and encourage water conservation.



Vivante HOA near Redwood Rd. and 3100 South



*Old Turbo Meter-
Not able to register
in gallons*



New OMNI Meter

The Large Meter Replacement portion of the Vivante HOA project is complete, and all meters are now reading in gallons.





GRANGER-HUNTER
IMPROVEMENT DISTRICT

REVENUES

Preliminary

	Actual 12/31/2019	Amended Budget 2019	% of Budget	Actual 12/31/2020	Budget 2020	% of Budget
REVENUES						
Operating Revenues:						
Water Sales	\$ 18,818,502	\$ 19,629,500	95.9%	\$ 20,816,138	\$ 19,728,000	105.5%
Sewer Service Charges	11,844,134	11,748,000	100.8%	11,003,591	11,807,000	93.2%
Central Valley Assessmt	2,681,835	2,700,000	99.3%	2,687,030	2,700,000	99.5%
Engineering Fees	8,970	4,100	218.8%	7,542	6,000	125.7%
Connection fees	31,222	34,000	91.8%	41,271	34,000	121.4%
Inspection	50,647	49,000	103.4%	77,394	49,000	157.9%
Delinquent/Turn-on Fees	31,955	35,000	91.3%	10,340	35,000	29.5%
Conservation Grant	69,706	68,500	101.8%	58,211	68,500	85.0%
Total Operating Revenue	<u>33,536,971</u>	<u>34,268,100</u>	97.9%	<u>34,701,517</u>	<u>34,427,500</u>	100.8%
Property Tax Revenue:						
Property Tax	3,316,896	3,300,000	100.5%	3,351,602	3,400,000	98.6%
Motor Vehicle	232,938	250,000	93.2%	215,789	250,000	86.3%
Personal Property	346,485	315,000	110.0%	333,213	325,000	102.5%
Delinquent Tax/Interest	76,643	80,000	95.8%	73,016	80,000	91.3%
Tax Increment for RDA	213,243	239,000	89.2%	158,840	200,000	79.4%
Total Property Tax Revenue	<u>4,186,205</u>	<u>4,184,000</u>	100.1%	<u>4,132,460</u>	<u>4,255,000</u>	97.1%
Non-operating Revenue:						
Impact Fees - Water	632,736	375,000	168.7%	796,642	300,000	265.5%
Impact Fees - Sewer	290,373	188,000	154.5%	396,138	150,000	264.1%
Interest	653,964	500,000	130.8%	336,820	525,000	64.2%
Sale of Surplus Equipment	56,727	109,000	52.0%	77,086	59,000	130.7%
Other	142,552	110,000	129.6%	101,474	120,000	84.6%
Total Non-operating Revenue	<u>1,776,352</u>	<u>1,282,000</u>	138.6%	<u>1,708,160</u>	<u>1,154,000</u>	148.0%
Total Revenues	<u>\$ 39,499,528</u>	<u>\$ 39,734,100</u>	99.4%	<u>\$ 40,542,137</u>	<u>\$ 39,836,500</u>	101.8%

Percent of Year Completed: 100.00%



GRANGER-HUNTER
IMPROVEMENT DISTRICT

EXPENSES

Preliminary

	Actual 12/31/2019	Amended Budget 2019	% of Budget	Actual 12/31/2020	Budget 2020	% of Budget
EXPENSES						
Payroll Wages:						
Salaries & Wages	\$ 4,896,363	\$ 4,785,017	102.3%	\$ 4,905,821	\$ 5,028,072	97.6%
Overtime Wages	151,473	200,000	75.7%	128,249	175,000	73.3%
On-call Pay	36,797	56,280	65.4%	67,011	71,280	94.0%
Incentive Pay	13,087	15,000	87.2%	10,027	15,000	66.8%
Vehicle Allowance	877	-	0.0%	5,997	9,000	66.6%
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>5,118,947</u>	<u>5,327,747</u>	<u>96.1%</u>	<u>5,463,211</u>	<u>5,570,352</u>	<u>98.1%</u>
Payroll Benefits:						
State Retirement Plan	853,891	901,300	94.7%	803,381	955,045	84.1%
401K Plan	570,732	572,100	99.8%	593,319	598,677	99.1%
Health/Dental Insurance	1,417,410	1,628,877	87.0%	1,295,819	1,670,320	77.6%
Medicare	70,491	70,350	100.2%	73,686	73,547	100.2%
Workers Compensation Ins	35,602	45,000	79.1%	18,091	40,000	45.2%
Life/LTD/LTC Insurance	74,245	75,000	99.0%	67,411	75,000	89.9%
State Unemployment	-	5,000	0.0%	7,784	5,000	155.7%
<i>Total Payroll Benefits</i>	<u>3,022,371</u>	<u>3,297,627</u>	<u>91.7%</u>	<u>2,859,491</u>	<u>3,417,589</u>	<u>83.7%</u>
Operations & Maintenance:						
Repair & Replacement	806,223	801,373	100.6%	580,606	655,560	88.6%
Building & Grounds	89,219	82,462	108.2%	67,220	82,450	81.5%
Vehicle Maint & Fuel	216,158	229,000	94.4%	152,831	189,431	80.7%
Vehicle Lease	19,719	218,409	9.0%	232,900	254,600	91.5%
Tools & Supplies	31,750	35,000	90.7%	65,255	73,400	88.9%
Water Purchases	10,520,489	10,506,937	100.1%	10,796,402	11,010,400	98.1%
Treatment Chemicals	38,451	68,800	55.9%	36,867	41,300	89.3%
Water Lab Testing Fees	60,839	106,000	57.4%	38,787	76,750	50.5%
Utilities	823,504	1,009,000	81.6%	897,921	982,000	91.4%
<i>Total O&M</i>	<u>12,606,352</u>	<u>13,056,981</u>	<u>96.5%</u>	<u>12,868,789</u>	<u>13,365,891</u>	<u>96.3%</u>
CVWRF:						
Facility Operations	3,693,088	4,400,414	83.9%	3,914,418	4,494,860	87.1%
Project Betterments	-	1,712,549	0.0%	705,355	1,360,725	51.8%
Interceptor Monitoring	2,849	3,875	73.5%	(2,967)	-	0.0%
Pre-treatment Field	235,564	243,993	96.5%	247,763	283,675	87.3%
Laboratory	225,166	239,538	94.0%	219,486	227,418	96.5%
CVW Debt Service	1,424,239	1,488,436	95.7%	1,912,270	1,954,999	97.8%
<i>Total CVWRF</i>	<u>\$ 5,580,906</u>	<u>8,088,805</u>	<u>69.0%</u>	<u>\$ 6,996,325</u>	<u>\$ 8,321,677</u>	<u>84.1%</u>



	Actual 12/31/2019	Budget 2019	% of Budget	Actual 12/31/2020	Budget 2020	% of Budget
General & Administrative:						
Office Supplies/Printing	\$ 24,787	\$ 37,100	66.8%	\$ 20,566	\$ 33,940	60.6%
Postage & Mailing	153,639	159,500	96.3%	133,505	159,500	83.7%
General Administrative	114,916	125,130	91.8%	50,446	61,000	82.7%
Computer Supplies	406,487	409,582	99.2%	373,970	494,243	75.7%
General Insurance	413,850	423,600	97.7%	276,268	439,612	62.8%
Utilities	88,511	105,500	83.9%	75,607	95,500	79.2%
Telephone	105,020	101,250	103.7%	100,699	120,200	83.8%
Training & Education	129,500	131,325	98.6%	58,149	133,200	43.7%
Safety	42,693	43,100	99.1%	41,091	39,620	103.7%
Legal fees	25,523	49,000	52.1%	41,012	44,000	93.2%
Auditing Fees	11,000	11,000	100.0%	12,000	12,000	100.0%
Professional Consulting	247,982	266,900	92.9%	65,126	97,400	66.9%
Public Relations/Conservation	39,681	69,450	57.1%	38,563	55,000	70.1%
Banking & Bonding	350,963	600,900	58.4%	356,872	330,900	107.8%
Admin Contingency	-	180,000	0.0%	-	180,000	0.0%
<i>Total General Administrative</i>	<u>2,154,552</u>	<u>2,713,337</u>	<u>79.4%</u>	<u>1,643,874</u>	<u>2,296,115</u>	<u>71.6%</u>
Total Operating Expenses	<u>28,483,128</u>	<u>32,484,497</u>	<u>87.7%</u>	<u>29,831,690</u>	<u>32,971,624</u>	<u>90.5%</u>
Net Operating Revenues	<u>11,016,400</u>	<u>\$ 7,249,603</u>	<u>152.0%</u>	<u>10,710,447</u>	<u>6,864,876</u>	<u>156.0%</u>
Indirect Operating Expenses:						
Depreciation	7,809,067	7,000,000	111.6%	7,137,014	7,700,000	92.7%
RDA Pass-Through	213,243	239,000	89.2%	158,840	200,000	79.4%
<i>Total Indirect Operating Exp</i>	<u>8,022,310</u>	<u>\$ 7,239,000</u>	<u>110.8%</u>	<u>7,295,854</u>	<u>7,900,000</u>	<u>92.4%</u>
Equipment and Infrastructure:						
Infrastructure	9,327,739	13,276,600	70.3%	8,028,781	15,746,152	51.0%
New Vehicles & Equipment	409,105	414,050	98.8%	414,785	409,747	101.2%
<i>Total Equipment</i>	<u>9,736,844</u>	<u>13,690,650</u>	<u>71.1%</u>	<u>8,443,566</u>	<u>16,155,899</u>	<u>52.3%</u>
Debt Service:						
Bond Interest	117,371	408,683	28.7%	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>398,371</u>	<u>689,683</u>	<u>57.8%</u>	<u>746,496</u>	<u>842,995</u>	<u>88.6%</u>
Total Equip & Debt Service	<u>10,135,215</u>	<u>\$ 14,380,333</u>	<u>70.5%</u>	<u>9,190,062</u>	<u>16,998,894</u>	<u>54.1%</u>
Net Revenues after Deprec, Infrastructure and Debt	<u>(7,141,125)</u>	<u>\$ (14,369,730)</u>	<u>49.7%</u>	<u>(5,775,469)</u>	<u>(18,034,018)</u>	<u>32.0%</u>
Add back Depreciation	7,809,067	7,000,000	111.6%	7,137,014	7,700,000	92.7%
Add back Infrastructure	9,327,739	13,276,600	70.3%	8,028,781	15,746,152	51.0%
Net Revenues, net of Infr & Depr	<u>\$ 9,995,681</u>	<u>\$ 5,906,870</u>	<u>169.2%</u>	<u>\$ 9,390,326</u>	<u>\$ 5,412,134</u>	<u>173.5%</u>

VENDOR SET: 01 Granger - Hunter Improvem
BANK: * ALL BANKS
DATE RANGE:12/01/2020 THRU 12/31/2020

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1710	CHAMBERWEST							
C-CHECK	CHAMBERWEST	UNPOST	V 12/10/2020			121562		950.00CR
1710	CHAMBERWEST							
M-CHECK	CHAMBERWEST	UNPOST	V 12/16/2020			121562		

* * T O T A L S * *

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	0	0.00	0.00	0.00
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	1	VOID DEBITS 0.00		
		VOID CREDITS 950.00CR		
		950.00CR	0.00	

TOTAL ERRORS: 0

VENDOR SET: 01	BANK: *	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			1	950.00CR	0.00	0.00
BANK: *		TOTALS:	1	950.00CR	0.00	0.00

VENDOR SET: 01 Granger - Hunter Improvem

BANK: GENCK GENERAL - CHECKING

DATE RANGE:12/01/2020 THRU 12/31/2020

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4990	WORKERS COMPEN OF UTAH I-7448092 01 500160	D	12/02/2020 NOV 2020/SCHEDULED P	2,676.05		001145		2,676.05
0001	US TREASURY I-T1 202012036017 01 23010	D	12/03/2020 FEDERAL WITHHOLDING	5.76		001146		
	I-T4 202012036017 01 23010	D	12/03/2020 FEDERAL W/H & MEDICARE PAYABLE	27.56		001146		
	01 500150		MEDICARE WITHHOLDING	27.56				60.88
0001	US TREASURY I-T1 202012086023 01 23010	D	12/08/2020 FEDERAL WITHHOLDING	15,412.47		001147		
	I-T4 202012086023 01 23010	D	12/08/2020 FEDERAL W/H & MEDICARE PAYABLE	2,631.59		001147		
	01 500150		MEDICARE WITHHOLDING	2,631.59				20,675.65
2532	HEALTHEQUITY INC I-HSB202012086023 01 22090	D	12/08/2020 HEALTH SAVINGS ACCOU	3,633.29		001148		3,633.29
4640	UTAH RETIREMENT SYSTEMS I-2DC202012086023 01 500110	D	12/08/2020 TIER 2 DEFINED CONTR	563.97		001149		
	I-2HY202012036017 01 500110	D	12/08/2020 TIER 2 HYBRID CONTRI	47.40		001149		
	I-2HY202012086023 01 500110	D	12/08/2020 TIER 2 HYBRID CONTRI	11,891.08		001149		
	I-45%202012086023 01 22040	D	12/08/2020 457 CONTRIBUTION %	307.71		001149		
	I-457202012086023 01 22040	D	12/08/2020 457 CONTRIBUTION AMO	90.00		001149		
	I-45B202012086023 01 500120	D	12/08/2020 457 CONTRIB - BOARD	110.78		001149		
	I-4K2202012086023 01 22040	D	12/08/2020 401(K) \$ TIER 2 EMP	20.00		001149		
	I-4KB202012086023 01 500120	D	12/08/2020 401(K) CONTRIB - BOA	27.69		001149		
	I-4KP202012086023 01 22040	D	12/08/2020 401(K) % CONTRIBUTIO	161.50		001149		
	I-DC4202012086023 01 500110	D	12/08/2020 TIER 2 DC 401K	843.01		001149		
	I-HY4202012036017 01 500110	D	12/08/2020 TIER 2 HYBRID 401K	2.68		001149		
	I-HY4202012086023 01 500110	D	12/08/2020 TIER 2 HYBRID 401K	669.80		001149		
	I-PRA202012086023	D	12/08/2020 POST RET AMORTIZATION			001149		

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4640	UTAH RETIREMENT SYSTEMCONT							
I-PRA202012086023	POST RET AMORTIZATION	D	12/08/2020			001149		
01 500110	STATE RETIREMENT PLAN	POST RET AMORTIZATIO		29.52				
I-RT2202012086023	TIER 2 ROTH IRA CONTRIB AMOUNT	D	12/08/2020			001149		
01 22040	RETIREMENT CONTRIB PAYABLE	TIER 2 ROTH IRA CONT		450.00				
I-RTH202012086023	ROTH IRA CONTRIBUTION AMNT	D	12/08/2020			001149		
01 22040	RETIREMENT CONTRIB PAYABLE	ROTH IRA CONTRIBUTIO		330.00				
I-T24202012086023	TIER 2 - 457 CONTRIB	D	12/08/2020			001149		
01 22040	RETIREMENT CONTRIB PAYABLE	TIER 2 - 457 CONTRIB		5.00				
I-USR202012036017	UT STATE RET CONTRIBUTION	D	12/08/2020			001149		
01 500110	STATE RETIREMENT PLAN	UT STATE RET CONTRIB		295.52				
I-USR202012086023	UT STATE RET CONTRIBUTION	D	12/08/2020			001149		
01 500110	STATE RETIREMENT PLAN	UT STATE RET CONTRIB		18,273.29				34,118.95
1267	APELLO							
I-110166-1220	DEC 2020 ANSWERING SERVICE	D	12/10/2020			001150		
01 510470	TELEPHONE	DEC 2020 ANSWERING S		672.15				672.15
1320	ASPHALT MATERIALS INC							
I-103232	Asphalt for Repairs	D	12/10/2020			001151		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		557.54				
I-103663	Asphalt for Repairs	D	12/10/2020			001151		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		2,275.73				
I-103847	Asphalt for Repairs	D	12/10/2020			001151		
01 530210	REPAIR SUPPLIES - CONST	Asphalt for Repairs		699.70				3,532.97
2188	FERGUSON ENTERPRISES, INC							
I-1136418	Emergency Repair Parts	D	12/10/2020			001152		
01 530210	REPAIR SUPPLIES - CONST	Emergency Repair Par		420.50				
I-1137544	Emergency Site Repairs	D	12/10/2020			001152		
01 530210	REPAIR SUPPLIES - CONST	Emergency Site Repai		1,417.50				1,838.00
3040	MAGNA WATER CO							
I-202012086028	NOV 2020 SEWER CHARGES	D	12/10/2020			001153		
01 41020	SEWER SERVICE CHARGES	HUNTER VILLAGE PH 17		2,235.75				
01 41020	SEWER SERVICE CHARGES	HUNTER VILLAGE PH 16		596.20				
01 41020	SEWER SERVICE CHARGES	7200 WEST SEWER		178.86				
01 41020	SEWER SERVICE CHARGES	ORCHARDVIEW SUBDIV		924.11				
01 41020	SEWER SERVICE CHARGES	MAJESTIC VILLAS PASS		2,444.42				6,379.34
3850	SALT LAKE CEMENT CUTTING							
I-89453	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement Cutting for R		150.00				
I-89500	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement Cutting for R		150.00				
I-89553	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement Cutting for R		276.00				
I-89554	Cement Cutting for Repair	D	12/10/2020			001154		

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3850	SALT LAKE CEMENT CUTTICONT							
I-89554	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	150.00				
I-89555	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	150.00				
I-89556	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	150.00				
I-89591	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	124.00				
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	26.00				
I-89597	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	150.00				
I-89699	Cement Cutting for Repair	D	12/10/2020			001154		
01 530210	REPAIR SUPPLIES - CONST	Cement	Cutting for R	150.00				1,476.00
4880	WEST VALLEY CITY							
I-202012096030	NOV 2020 STORMWATER	D	12/10/2020			001155		
01 510460	UTILITIES - ADMIN	2888 S	3600 W	296.00				
01 510460	UTILITIES - ADMIN	2824 S	3600 W	276.00				
01 550280	UTILITIES - WW	1247 W	2320 S A	4.00				
01 550280	UTILITIES - WW	1155 W	2320 S	4.00				
01 550280	UTILITIES - WW	1247 W	2320 S B	24.00				
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-154241	MATTER 006400/GENERAL	D	12/16/2020			001156		
01 510500	LEGAL EXPENSE	MATTER	006400/GENERA	1,365.00				1,365.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2400	GRANGER HUNTER IMP DIST							
I-202012156037	GHID-2 DEC 2020	D	12/16/2020			001157		
01 530280	UTILITIES - WATER/OPS	GHID-2	DEC 2020	26.00				
I-202012156038	GHID-4 NOV 2020	D	12/16/2020			001157		
01 510460	UTILITIES - ADMIN	GHID-4	NOV 2020	821.20				
01 530280	UTILITIES - WATER/OPS	GHID-4	NOV 2020	92.77				
01 550280	UTILITIES - WW	GHID-4	NOV 2020	53.00				
I-202012166042	GHID-1 DEC 2020	D	12/16/2020			001157		
01 530280	UTILITIES - WATER/OPS	GHID-1	DEC 2020	117.00				1,109.97
4704	VERIZON WIRELESS							
I-9868454923	NOV 2020 CELL PHONE & EQUIPMEN	D	12/16/2020			001158		
01 510470	TELEPHONE	OCT 2019	CELL PHONE	3,065.12				
01 510440	COMPUTER SUPPLIES/EQUIPMENT	OCT 2019	EQUIPMEN	49.99				3,115.11
0001	US TREASURY							
I-T1 202012226050	FEDERAL WITHHOLDING	D	12/22/2020			001159		
01 23010	FEDERAL W/H & MEDICARE PAYABLE	FEDERAL	WITHHOLDING	15,135.95				
I-T4 202012226050	MEDICARE WITHHOLDING	D	12/22/2020			001159		
01 23010	FEDERAL W/H & MEDICARE PAYABLE	MEDICARE	WITHHOLDING	2,581.23				
01 500150	MEDICARE	MEDICARE	WITHHOLDING	2,581.23				20,298.41
2532	HEALTHEQUITY INC							
I-HSB202012226050	HEALTH SAVINGS ACCOUNT	D	12/22/2020			001160		
01 22090	CAFETERIA PLAN PAYABLE	HEALTH	SAVINGS ACCOU	3,633.29				
01 500130	HEALTH INSURANCE	HEALTH	SAVINGS ACCOU	4,625.00				8,258.29
4640	UTAH RETIREMENT SYSTEMS							
I-2DC202012226050	TIER 2 DEFINED CONTRIBUTION	D	12/22/2020			001161		
01 500110	STATE RETIREMENT PLAN	TIER 2	DEFINED CONTR	574.00				
I-2HY202012226050	TIER 2 HYBRID CONTRIBUTION	D	12/22/2020			001161		
01 500110	STATE RETIREMENT PLAN	TIER 2	HYBRID CONTRI	11,837.84				
I-45%202012226050	457 CONTRIBUTION %	D	12/22/2020			001161		
01 22040	RETIREMENT CONTRIB PAYABLE	457	CONTRIBUTION %	307.71				
I-457202012226050	457 CONTRIBUTION AMOUNT	D	12/22/2020			001161		
01 22040	RETIREMENT CONTRIB PAYABLE	457	CONTRIBUTION AMO	90.00				
I-4K2202012226050	401(K) \$ TIER 2 EMP CONTRIB	D	12/22/2020			001161		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K)	\$ TIER 2 EMP	20.00				
I-4KP202012226050	401(K) % CONTRIBUTION AMOUNT	D	12/22/2020			001161		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K)	% CONTRIBUTIO	152.10				
I-DC4202012226050	TIER 2 DC 401K	D	12/22/2020			001161		
01 500110	STATE RETIREMENT PLAN	TIER 2	DC 401K	858.00				
I-HY4202012226050	TIER 2 HYBRID 401K	D	12/22/2020			001161		
01 500110	STATE RETIREMENT PLAN	TIER 2	HYBRID 401K	666.79				
I-RT2202012226050	TIER 2 ROTH IRA CONTRIB AMOUNT	D	12/22/2020			001161		
01 22040	RETIREMENT CONTRIB PAYABLE	TIER 2	ROTH IRA CONT	450.00				
I-RTH202012226050	ROTH IRA CONTRIBUTION AMNT	D	12/22/2020			001161		
01 22040	RETIREMENT CONTRIB PAYABLE	ROTH	IRA CONTRIBUTIO	330.00				
I-T24202012226050	TIER 2 - 457 CONTRIB	D	12/22/2020			001161		

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4640	I-T24202012226050 01 22040	UTAH RETIREMENT SYSTEMCONT TIER 2 - 457 CONTRIB	D 12/22/2020			001161		
	I-USR202012226050 01 500110	RETIREMENT CONTRIB PAYABLE UT STATE RET CONTRIBUTION STATE RETIREMENT PLAN	TIER 2 - 457 CONTRIB D 12/22/2020 UT STATE RET CONTRIB	5.00 17,915.62		001161		33,207.06
2400	I-202012296056 01 530280 01 550280	GRANGER HUNTER IMP DIST GHID-3 DEC 2020 UTILITIES - WATER/OPS UTILITIES - WW	D 12/30/2020 GHID-3 DEC 2020 GHID-3 DEC 2020	117.00 53.00		001162		
	I-202012296057 01 510460 01 530280 01 550280	GHID-4 DEC 2020 UTILITIES - ADMIN UTILITIES - WATER/OPS UTILITIES - WW	D 12/30/2020 GHID-4 DEC 2020 GHID-4 DEC 2020 GHID-4 DEC 2020	801.76 92.77 53.00		001162		1,117.53
1	I-202005185760	R & S DRILLING, ,FIRE HYD RFD	V 5/20/2020			120582		616.84
1	M-CHECK	R & S DRILLING, R & S DRILLING,	UNPOST UNPOST V 12/09/2020			120582		616.84CF
1	I-202011256005 01 43099	MCMANUS CONSTRUCTION, ,FH REF MISC INCOME	R 12/02/2020 MCMANUS CONSTRUCTION	1,486.08		121519		1,486.08
1	I-202011256006 01 43099	AMERICOM TECHNOLOGY, ,FH REF MISC INCOME	R 12/02/2020 AMERICOM TECHNOLOGY,	734.59		121520		734.59
1	I-202011306007 01 43099	JOHANSEN INTERIORS, ,FR HY REF MISC INCOME	R 12/02/2020 JOHANSEN INTERIORS, :	644.58		121521		644.58
1	I-202011306008 01 43099	ICO CONSTRUCTION, ,FIRE HY REF MISC INCOME	R 12/02/2020 ICO CONSTRUCTION, :,F	885.26		121522		885.26
1	I-202011306011 01 520920-20E	BRIGHTON CANAL COMPANY, LLC, , PIONEER WWPS REPLACEMENT	R 12/02/2020 BRIGHTON CANAL COMPA	20,000.00		121523		20,000.00
1069	I-202012016016 01 510430	ADAMS, MARY ON CALL TRAINING REFRESHMENTS GENERAL ADMINISTRATIVE	R 12/02/2020 ON CALL TRAINING REF	53.04		121524		53.04

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1087	APCO INC							
I-7263	SCADA Master Plan	R	12/02/2020			121525		
01 520920-20N	SCADA MODIFICATIONS/UPGRADES			9,705.00				9,705.00
1403	AZTECA SYSTEMS, LLC							
I-INV3180	CITYWORKS ANNUAL RENEWAL	R	12/02/2020			121526		
01 510440	COMPUTER SUPPLIES/EQUIPMENT			35,000.00				35,000.00
1680	CENTURY EQUIPMENT CO							
I-SP36567	OUTRIGGER PADS #42 & 44	R	12/02/2020			121527		
01 570230	VEHICLE MAINT & FUEL - VEH			209.50				
01 570230	VEHICLE MAINT & FUEL - VEH			736.32				
01 570230	VEHICLE MAINT & FUEL - VEH			118.00				
01 570230	VEHICLE MAINT & FUEL - VEH			18.98CR				
01 570230	VEHICLE MAINT & FUEL - VEH			3.80				
I-SP36678	STARTER MOTOR & RELAY	R	12/02/2020			121527		
01 570230	VEHICLE MAINT & FUEL - VEH			414.18				
01 570230	VEHICLE MAINT & FUEL - VEH			19.77				
01 570230	VEHICLE MAINT & FUEL - VEH			25.00CR				1,457.59
1726	CLARK, STEVE							
I-202011306010	2020 SAFETY BOOT REIMB	R	12/02/2020			121528		
01 510490	SAFETY EXPENSE			100.00				100.00
1741	COLONIAL LIFE & ACCIDENT INSUR							
I-CLA202011105988	COLONIAL LIFE INS AFTER TAX	R	12/02/2020			121529		
01 22050	HEALTH INSURANCE PAYABLE			62.46				
I-CLA202011236002	COLONIAL LIFE INS AFTER TAX	R	12/02/2020			121529		
01 22050	HEALTH INSURANCE PAYABLE			62.46				
I-CLP202011105988	COLONIAL LIFE INS PRETAX	R	12/02/2020			121529		
01 22050	HEALTH INSURANCE PAYABLE			58.53				
I-CLP202011236002	COLONIAL LIFE INS PRETAX	R	12/02/2020			121529		
01 22050	HEALTH INSURANCE PAYABLE			58.53				241.98
1845	CRUS OIL, INC.							
I-0485120	DEF, RAGS AND FILTERS	R	12/02/2020			121530		
01 570230	VEHICLE MAINT & FUEL - VEH			6.89				
01 570230	VEHICLE MAINT & FUEL - VEH			14.36				
01 570230	VEHICLE MAINT & FUEL - VEH			47.11				
01 570230	VEHICLE MAINT & FUEL - VEH			83.99				
01 570230	VEHICLE MAINT & FUEL - VEH			17.49				
01 570230	VEHICLE MAINT & FUEL - VEH			3.65				
01 570230	VEHICLE MAINT & FUEL - VEH			3.16				
I-0485121	DEF, RAGS AND FILTERS	R	12/02/2020			121530		
01 570230	VEHICLE MAINT & FUEL - VEH			110.64				
I-0485124	DEF, RAGS AND FILTERS	R	12/02/2020			121530		
01 510230	VEHICLE FUEL - ADM			208.50				
I-0485353	DEF, RAGS AND FILTERS	R	12/02/2020			121530		

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1845	CRUS OIL, INC. CONT							
I-0485353	DEF, RAGS AND FILTERS	R	12/02/2020			121530		
01 570230	VEHICLE MAINT & FUEL - VEH	FRPH2FP		6.32				
I-0486527	BACKHOE FILTER	R	12/02/2020			121530		
01 570230	VEHICLE MAINT & FUEL - VEH	BB7499	Lube Filter	14.88				
01 570230	VEHICLE MAINT & FUEL - VEH	P569206	hyd filter	82.50				599.49
1945	DEX YP							
I-202011306009	NOV 2020 ADVERTISING CHARGE	R	12/02/2020			121531		
01 510470	TELEPHONE	NOV 2020 ADVERTISING		135.00				135.00
2663	INTERMOUNTAIN CLAIMS, INC.							
I-SLC105403	CLAIM/B LLOYD SEWER BACKUP	R	12/02/2020			121532		
01 510450	GENERAL INSURANCE	CLAIM/B LLOYD SEWER		456.20				456.20
2734	J-U-B ENGINEERS, INC.							
I-0138265	20B:RUSHTON WTR TRTMT PLT/PROF	R	12/02/2020			121533		
01 520920-20B	RUSHTON WATER TREATMENT PLANT	20B:RUSHTON WTR TRTM		30,249.57				30,249.57
2734.5	JACQUES & ASSOCIATES							
I-1523	19F:3600 W WATERLINE/PROFESSIO	R	12/02/2020			121534		
01 520920-19F	3600 WEST WATERLINE	19F:3600 W WATERLINE		4,101.64				
I-1524	18K:PRINTERS ROW WTRLN REPLACE	R	12/02/2020			121534		
01 520920-18K	PRINTERS ROW WATERLINE REPLACE	18K:PRINTERS ROW WTR		2,001.72				
I-1525	19C:2200 W WATERLINE/PROFESSIO	R	12/02/2020			121534		
01 520920-19C	2200 W WATERLINE PROJECT	19C:2200 W WATERLINE		2,924.00				9,027.36
2772	JOHNSON, KRISTY							
I-202012016013	STAFF MTG FOOD/HLTHY LIV INCEN	R	12/02/2020			121535		
01 510430	GENERAL ADMINISTRATIVE	STAFF MEETING REFRES		81.33				
01 510430	GENERAL ADMINISTRATIVE	HEALTHY LIVING INCEN		31.98				113.31
2971	LEGALSHIELD							
C-202012016015	W/H ROUNDING ADJ	R	12/02/2020			121536		
01 500170	LIFE/LTD/LTC INSURANCE	W/H ROUNDING ADJ		0.07CR				
I-LSP202011105988	LEGAL SHIELD PAYABLE	R	12/02/2020			121536		
01 22061	LEGAL SHIELD PAYABLE	LEGAL SHIELD PAYABLE		102.65				
I-LSP202011236002	LEGAL SHIELD PAYABLE	R	12/02/2020			121536		
01 22061	LEGAL SHIELD PAYABLE	LEGAL SHIELD PAYABLE		102.65				205.23
3210	MOUNTAINLAND SUPPLY COMPANY							
I-S103746761.001	HANDHELD REPAIR	R	12/02/2020			121537		
01 560210	REPAIR SUPPLIES - METER	HANDHELD REPAIR		580.33				580.33

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3215	I-INV5776 01 510220	MOUNTAIN VALLEY MECHANICAL AIR HAND/DAMPER/ACTUATOR MAINT BUILDING & GROUNDS	R 12/02/2020 AIR HAND/DAMPER/ACTU	280.00		121538		280.00
3245	I-778939 01 510520	NATIONAL BENEFIT SERVICES LLC NOV 2020 COBRA PROFESSIONAL CONSULTING	R 12/02/2020 NOV 2020 COBRA	72.80		121539		72.80
3382	I-854461-0 01 510410 I-854461-1 01 510410	OFFICE PRODUCTS DEALER Whiteboards OFFICE SUPPLIES/PRINTING Whiteboards OFFICE SUPPLIES/PRINTING	R 12/02/2020 Whiteboards R 12/02/2020 Whiteboards	849.00 150.00		121540 121540		999.00
3790	I-6695-706194 01 510440	ROYAL WHOLESALE ELECTRIC FALCON ST PRV/WIRE COMPUTER SUPPLIES/EQUIPMENT	R 12/02/2020 FALCON ST PRV/WIRE	72.37		121541		72.37
3980	I-8180934222 01 510430	SHRED-IT USA NOV 2020 DOCUMENT SHREDDING GENERAL ADMINISTRATIVE	R 12/02/2020 NOV 2020 DOCUMENT SH	76.71		121542		76.71
4545	I-202012016012 01 500170 I-UNM202010275965 01 22060 I-UNM202011105988 01 22060 I-UNM202011236002 01 22060	UNUM LIFE INSURANCE CO OF AMER DEC 2020 LTC PREMIUM PAYMENT LIFE/LTD/LTC INSURANCE LONG TERM CARE ER OTHER INSURANCE PAYABLE LONG TERM CARE ER OTHER INSURANCE PAYABLE LONG TERM CARE ER OTHER INSURANCE PAYABLE	R 12/02/2020 DEC 2020 LTC PREMIUM R 12/02/2020 LONG TERM CARE ER R 12/02/2020 LONG TERM CARE ER R 12/02/2020 LONG TERM CARE ER	202.35 1.75 1.75 1.75		121543 121543 121543 121543		207.60
4938	I-105929 01 510220	WINGFOOT CORPORATION DEC 2020 JANITORIAL SVCS BUILDING & GROUNDS	R 12/02/2020 DEC 2020 JANITORIAL	1,889.00		121544		1,889.00
1106	I-AAX202011236002 01 22050 I-AAX202012086023 01 22050 I-AGP202011236002 01 22050 I-AGP202012086023 01 22050	AFLAC GROUP INSURANCE AFLAC GROUP INS AFTER TAX HEALTH INSURANCE PAYABLE AFLAC GROUP INS AFTER TAX HEALTH INSURANCE PAYABLE AFLAC GROUP INS PRE TAX HEALTH INSURANCE PAYABLE AFLAC GROUP INS PRE TAX HEALTH INSURANCE PAYABLE	R 12/08/2020 AFLAC GROUP INS AFTE R 12/08/2020 AFLAC GROUP INS AFTE R 12/08/2020 AFLAC GROUP INS PRE R 12/08/2020 AFLAC GROUP INS PRE	39.77 39.77 82.33 82.33		121545 121545 121545 121545		244.20

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1725	I-CS2202012086023 01 22080	CHILD SUPPORT SERVICES CASE #C001446501 GARNISHMENT PAYABLE	R 12/08/2020 CASE #C001446501	84.46		121546		84.46
1725	I-CS3202012086023 01 22080	CHILD SUPPORT SERVICES CASE #C001355847 GARNISHMENT PAYABLE	R 12/08/2020 CASE #C001355847	172.62		121547		172.62
2902	I-G07202012086023 01 22080	KIRK A CULLIMORE CIVIL NO 190402707 GARNISHMENT PAYABLE	R 12/08/2020 CIVIL NO 190402707	315.94		121548		315.94
4650	I-T2 202011105988 01 23020 I-T2 202011236002 01 23020	UTAH STATE TAX COMMISSION STATE WITHHOLDING STATE W/H PAYABLE STATE WITHHOLDING STATE W/H PAYABLE	R 12/08/2020 STATE WITHHOLDING R 12/08/2020 STATE WITHHOLDING	8,075.03 8,513.68		121549 121549		16,588.71
4870	I-202012086025 01 22040 I-4K%202012036017 01 500120 I-4K%202012086023 01 22040 01 500120 I-LMS202012086023 01 22040	WELLS FARGO ADVISORS 401(K) LOAN PAYMENT - LM2 RETIREMENT CONTRIB PAYABLE 401(K) CONTRIBUTIONS 401K PLAN EXPENSE 401(K) CONTRIBUTIONS RETIREMENT CONTRIB PAYABLE 401K PLAN EXPENSE 401(K) LOAN PAYMENT RETIREMENT CONTRIB PAYABLE	R 12/08/2020 401(K) LOAN PAYMENT R 12/08/2020 401(K) CONTRIBUTIONS R 12/08/2020 401(K) CONTRIBUTIONS 401(K) CONTRIBUTIONS 401(K) CONTRIBUTIONS R 12/08/2020 401(K) LOAN PAYMENT	299.87 219.08 259.78 21,095.05 1,616.29		121550 121550 121550 121550 121550		23,490.07
1	I-202005185760 01 43099	R & S DRILLING, ,FIRE HYD RFD MISC INCOME	R 12/10/2020 Reissue R & S DRILLING, :,FIR	616.84		121551		616.84
1	I-202012036019 01 43099	FIBERTEL, ,FR HYD REFUND MISC INCOME	R 12/10/2020 FIBERTEL, :,FR HYD RE	1,203.25		121552		1,203.25
1	I-202012086020 01 510490	DANIEL BARBOSA, ,2020 BOOT REI SAFETY EXPENSE	R 12/10/2020 DANIEL BARBOSA, :,202	100.00		121553		100.00
1064	I-0002218280 01 510220	ACE RECYCLING & DISPOSAL DEC 2020 MONTHLY CHARGES BUILDING & GROUNDS	R 12/10/2020 DEC 2020 MONTHLY CHA	262.20		121554		262.20

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1210	AMERICAN EXPRESS							
I-202012086022	NOV 2020 PURCHASES	R	12/10/2020			121555		
01 21015	AMEX/MC PAYABLE		NOV 2020 PURCHASES	42,252.51				
01 510480	TRAINING & EDUCATION - ADM		MEM RWDS ANNUAL PROG	55.00				
01 12060	A/R - OTHER		NOV UASD INTUIT CHR	48.49				
01 550210	REPAIR SUPPLIES - WW		PHOTOCELLS/OUTSIDE L	95.22				
01 550210	REPAIR SUPPLIES - WW		LIGHT BULBS	163.17				
01 510430	GENERAL ADMINISTRATIVE		ASSP MEMBERSHIP/N FA	235.00				
01 510440	COMPUTER SUPPLIES/EQUIPMENT		BATTERIES/4G JETPACK	14.84				
01 510480	TRAINING & EDUCATION - ADM		AWWA CONF REFUND	243.30CR				
01 510480	TRAINING & EDUCATION - ADM		WST WTR CERT EXAM FE	50.00				
01 510410	OFFICE SUPPLIES/PRINTING		CALENDARS	78.89				
01 510440	COMPUTER SUPPLIES/EQUIPMENT		LAPTOP KEYBOARDS/PWR	57.62				
01 530210	REPAIR SUPPLIES - CONST		WELL REPAIRS	492.00				
01 510220	BUILDING & GROUNDS		FLOOR MARKING TAPE	40.72				
01 510410	OFFICE SUPPLIES/PRINTING		CALENDARS	20.38				
01 510220	BUILDING & GROUNDS		MICROWAVE KIT/KITCHE	13.91				
01 510440	COMPUTER SUPPLIES/EQUIPMENT		ZOOM MEETINGS	214.40				
01 510480	TRAINING & EDUCATION - ADM		WATER CERT RENEW/6 E	900.00				
01 510410	OFFICE SUPPLIES/PRINTING		OFFICE SUPPLIES	91.73				
01 510410	OFFICE SUPPLIES/PRINTING		CALENDAR	25.62				
01 510410	OFFICE SUPPLIES/PRINTING		WALL CLOCK	38.98				
01 510410	OFFICE SUPPLIES/PRINTING		WHITEBOARD SUPPLIES	15.97				
01 510410	OFFICE SUPPLIES/PRINTING		CALENDARS	24.27				
01 510410	OFFICE SUPPLIES/PRINTING		WALL CLOCK	68.00				
01 510410	OFFICE SUPPLIES/PRINTING		WALL CLOCK	34.99				
01 510440	COMPUTER SUPPLIES/EQUIPMENT		ZOOM TAX REFUND	14.50CR				
01 510440	COMPUTER SUPPLIES/EQUIPMENT		CELL PHONE CASE/D MO	32.88				44,806.79
1412	BAILEY, IAN							
I-202012086024	REIMB TUITION/WGU 2020	R	12/10/2020			121556		
01 510480	TRAINING & EDUCATION - ADM		REIMB TUITION/WGU 20	1,165.00				1,165.00
1434	BATTERY SYSTEMS INC							
I-6191340	UNIT 37 AND 4 BATTERY	R	12/10/2020			121557		
01 570230	VEHICLE MAINT & FUEL - VEH		UNIT 37 BATTERY	85.15				
01 570230	VEHICLE MAINT & FUEL - VEH		UNIT 4 BATTERY	49.90				135.05
1465	BLACK SHEEP OILFIELD SVCS, LLC							
I-19C:NO 3	PMT 3/19C:2200 W WATERLINE	R	12/10/2020			121558		
01 520920-19C	2200 W WATERLINE PROJECT		PMT 3/19C:2200 W WAT	250,729.04				250,729.04
1525	BRADY INDUSTRIES OF UTAH LLC							
I-6662112	JANITORIAL SUPPLIES	R	12/10/2020			121559		
01 510220	BUILDING & GROUNDS		JANITORIAL SUPPLIES	300.15				300.15

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1570	BREW 2 YOU LLC							
I-1142	HOLIDAY CATERING	R	12/10/2020			121560		
01 510430	GENERAL ADMINISTRATIVE	HOLIDAY CATERING		686.76				686.76
1650	CDW GOVERNMENT LLC							
I-4415403	Replacement laptop for GM	R	12/10/2020			121561		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	Replacement laptop f		2,163.31				
I-4683368	Replacement laptop for GM	R	12/10/2020			121561		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	Replacement laptop f		168.26				2,331.57
1710	CHAMBERWEST							
I-9233	LEADERSHIP INST/BALLARD	V	12/10/2020			121562		950.00
1710	CHAMBERWEST							
M-CHECK	CHAMBERWEST	UNPOST V	12/16/2020			121562		950.00CR
1725.5	CINTAS CORPORATION							
I-4069313563	MATS	R	12/10/2020			121563		
01 510220	BUILDING & GROUNDS	MATS		119.24				119.24
1845	CRUS OIL, INC.							
I-0486803	Muffin Monster filters	R	12/10/2020			121564		
01 550210	REPAIR SUPPLIES - WW	Muffin Monster filte		93.84				93.84
1922	DAWSON INFRASTRUCTURE SOLUTION							
I-200948	Bolts for CCTV tractor	R	12/10/2020			121565		
01 550240	TOOLS & SUPPLIES - WW	Bolts for CCTV tract		74.25				
01 550240	TOOLS & SUPPLIES - WW	Bolts for CCTV tract		0.27				74.52
1959	DISH							
I-202012086026	DEC 2020 MONTHLY CHARGES	R	12/10/2020			121566		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	DEC 2020 MONTHLY CHA		65.56				65.56
1980	DOMINION ENERGY							
I-202012086029	NOV 2020 MONTHLY CHARGES	R	12/10/2020			121567		
01 530280	UTILITIES - WATER/OPS	3222 S CULTURAL CENT		40.17				
01 530280	UTILITIES - WATER/OPS	2320 S 1600 W		47.73				
01 550280	UTILITIES - WW	2911 WHISTLING LN		7.65				
01 550280	UTILITIES - WW	4555 S 6000 W		130.05				
01 550280	UTILITIES - WW	6000 W 2920 S		37.61				
01 530280	UTILITIES - WATER/OPS	4092 S 2200 W		140.88				
01 530280	UTILITIES - WATER/OPS	1285 W 2320 S		14.68				
01 530280	UTILITIES - WATER/OPS	1540 W 3100 S		101.21				
01 550280	UTILITIES - WW	2151 W 3100 S		550.36				
01 530280	UTILITIES - WATER/OPS	2390 S 3600 W		180.78				
01 510460	UTILITIES - ADMIN	2880 S 3600 W		1,241.36				
01 530280	UTILITIES - WATER/OPS	4500 S 4800 W REAR		46.10				
01 530280	UTILITIES - WATER/OPS	6525 W 4100 S		138.92				

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1980	DOMINION ENERGY CONT							
I-202012086029	NOV 2020 MONTHLY CHARGES	R	12/10/2020			121567		
01 530280	UTILITIES - WATER/OPS	3745 S	1000 W WH #8	65.60				2,743.10
2102	ENTERPRISE FM TRUST							
I-FBN4102252	DEC 2020 VEHICLE LEASE CHARGES	R	12/10/2020			121568		
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				
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	533.84				
01 510235	VEHICLE LEASE	UNIT 52	LEASE CHARGE	533.84				
01 510235	VEHICLE LEASE	UNIT 55	LEASE CHARGE	533.84				
01 510235	VEHICLE LEASE	UNIT 12	LEASE CHARGE	616.91				
01 510235	VEHICLE LEASE	UNIT 60	LEASE CHARGE	541.91				17,248.60
2184.1	FASTENAL COMPANY							
I-UTSAL69002	PPE VENDING SUPPLIES	R	12/10/2020			121569		
01 510490	SAFETY EXPENSE	PPE VENDING SUPPLIES		580.41				
I-UTSAL69240	PPE VENDING SUPPLIES	R	12/10/2020			121569		
01 510490	SAFETY EXPENSE	PPE VENDING SUPPLIES		96.25				676.66
2380	GRAINGER INC							
I-9721782382	HVAC Repairs	R	12/10/2020			121570		
01 530210	REPAIR SUPPLIES - CONST	HVAC Repairs		148.53				
I-9722353530	HVAC Repairs	R	12/10/2020			121570		
01 530210	REPAIR SUPPLIES - CONST	HVAC Repairs		297.06				445.59

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2443	GS TRACKME LLC							
I-8137	DEC 2020 GPS TRACKING SERVICE	R	12/10/2020			121571		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	DEC 2020 GPS TRACKIN		1,049.60				1,049.60
2511	HARRINGTON INDUSTRIAL PLASTICS							
I-020C4270	WELL 17/LEVEL TRANSMITTER	R	12/10/2020			121572		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	WELL 17/LEVEL TRANSM		308.32				308.32
2590	HOME DEPOT CREDIT SERVICES							
I-202012086021	NOV 2020 PURCHASES	R	12/10/2020			121573		
01 530210	REPAIR SUPPLIES - CONST	SPRINKLER ACCESSORIE		18.49				
01 550240	TOOLS & SUPPLIES - WW	MH SUPPLIES/DRILL BI		32.92				
01 530210	REPAIR SUPPLIES - CONST	VAULT SUPPLY		80.88				
01 530240	TOOLS & SUPPLIES - CONST	FLASHLIGHT/UNIT 11		39.97				
01 560210	REPAIR SUPPLIES - METER	METER TOOLS		46.88				
01 550240	TOOLS & SUPPLIES - WW	TAPE MEASURE		9.97				
01 510440	COMPUTER SUPPLIES/EQUIPMENT	IT SUPPLIES		28.90				
01 520240	TOOLS & SUPPLIES - ENG	BAGS/INSPECTOR TEST		59.94				
01 530210	REPAIR SUPPLIES - CONST	SPRINKLERS		32.69				
01 530210	REPAIR SUPPLIES - CONST	GLUE		9.97				
01 530240	TOOLS & SUPPLIES - CONST	PSI GUAGE SETUP		27.22				
01 550210	REPAIR SUPPLIES - WW	STORAGE SHELVING		437.80				
01 530240	TOOLS & SUPPLIES - CONST	BROOM		32.97				
01 550210	REPAIR SUPPLIES - WW	CLEANER		17.97				
01 550210	REPAIR SUPPLIES - WW	STORAGE CABINET		324.36				
01 550210	REPAIR SUPPLIES - WW	KEYS		7.17				
01 510220	BUILDING & GROUNDS	DISHWASHER PARTS		74.56				
01 530210	REPAIR SUPPLIES - CONST	MULCH		24.25				
01 550240	TOOLS & SUPPLIES - WW	BATTERY CHARGER		24.98				1,331.89
2637	INDUSTRIAL SAFETY EQUIPMENT, L							
I-2020-20431	PPE/HIP BOOTS	R	12/10/2020			121574		
01 510490	SAFETY EXPENSE	PPE/BOOTS		104.20				104.20
2844	KDK CONSTRUCTION							
I-20M:NO 3	PMT 3/20M:BLDG A BATHROOM UPGR	R	12/10/2020			121575		
01 520920-20M	BLDG A BATHROOM UPGRADES	PMT 3/20M:BLDG A BAT		19,748.20				19,748.20
3007	H W LOCHNER, INC							
I-17689-02	20K:4700 S WTRLN RPLC 5600 W/P	R	12/10/2020			121576		
01 520920-20K	4700 S Wtrln Rplc 5600 W Inter	20K:4700 S WTRLN RPL		20,907.82				20,907.82
3119	UTAH MEDIA GROUP							
I-0001304716-01	DEC 2020/PUBLIC NOTICE	R	12/10/2020			121577		
01 510500	LEGAL EXPENSE	DEC 2020/PUBLIC NOTI		57.08				57.08

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3404	PACE, JOSHUA I-202012096031 01 510490	R	12/10/2020			121578		
	2020 BOOT REIMBURSEMENT SAFETY EXPENSE	2020	BOOT REIMBURSEM	100.00				100.00
3464	PERRY, AARON I-202012036018 01 510490	R	12/10/2020			121579		
	2020 BOOT REIMBURSEMENT SAFETY EXPENSE	2020	BOOT REIMBURSEM	100.00				100.00
3466	PERRY, RYAN I-202012086027 01 510490	R	12/10/2020			121580		
	2020 BOOT REIMBURSEMENT SAFETY EXPENSE	2020	BOOT REIMBURSEM	100.00				100.00
3480	PITNEY BOWES I-3312469051 01 510420	R	12/10/2020			121581		
	2020 4TH QTR LEASING POSTAGE & MAILING	2020	4TH QTR LEASING	410.19				410.19
3522	PRECISION POWER INC I-44267 01 530210	R	12/10/2020			121582		
	Generator Repairs REPAIR SUPPLIES - CONST		Generator Repair	763.20				
	I-44303 01 530210	R	12/10/2020			121582		
	Generator Repairs REPAIR SUPPLIES - CONST		Generator Repair	1,045.97				
	01 530210	R	12/10/2020			121582		
	Generator Repairs REPAIR SUPPLIES - CONST		Generator Repair	344.82				
	I-44304 01 530210	R	12/10/2020			121582		
	Generator Repairs REPAIR SUPPLIES - CONST		Generator Repair	850.73				
	I-44305 01 530210	R	12/10/2020			121582		
	Generator Repairs REPAIR SUPPLIES - CONST		Generator Repair	1,367.32				4,372.04
3548.1	PROJECT ENGINEERING CONSULTANT I-22274 01 520920-18B	R	12/10/2020			121583		
	18B:4100 S WTRLINE/PROF SVC 4100 S/WEST OF BANGERTER		18B:4100 S WTRLINE/P	3,858.83				3,858.83
3550	PSOMAS I-168268 01 520920-19F	R	12/10/2020			121584		
	19F:3600 W WATERLINE/PROFESSIO 3600 WEST WATERLINE		19F:3600 W WATERLINE	3,713.75				3,713.75
3790	ROYAL WHOLESALE ELECTRIC I-6695-705963 01 510440	R	12/10/2020			121585		
	MISC WIRE COMPUTER SUPPLIES/EQUIPMENT		MISC WIRE	166.81				166.81
3935	SCOTT R HALE PLUMBING I-514080 01 510220	R	12/10/2020			121586		
	CAFETERIA SINK CLOG BUILDING & GROUNDS		CAFETERIA SINK CLOG	159.00				159.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4248	STREAMLINE							
I-108150	DEC 2020 WEBSITE HOSTING	R	12/10/2020			121587		
01 510440	COMPUTER SUPPLIES/EQUIPMENT	DEC 2020 WEBSITE HOS		550.00				550.00
4350	THE DATA CENTER							
I-52994	NOV 2020 FULL SERVICE PRINTING	R	12/10/2020			121588		
01 510420	POSTAGE & MAILING	NOV 2020 FULL SERVIC		3,164.31				
I-52995	NOV 2020 POSTAGE & HANDLING	R	12/10/2020			121588		
01 510420	POSTAGE & MAILING	NOV 2020 POSTAGE & H		8,522.45				11,686.76
4405	THOMAS PETROLEUM							
I-0062456-IN	FUEL RIDGLELAND & PLANT	R	12/10/2020			121589		
01 510230	VEHICLE FUEL - ADM	FUEL RIDGLELAND		1,863.55				
01 510230	VEHICLE FUEL - ADM	FUEL PLANT		874.20				
01 510230	VEHICLE FUEL - ADM	FUEL RIDGLELAND & PL		1.89				2,739.64
4587	UTAH COMMUNICATIONS, INC							
I-128908	RADIOS MOVED TO NEW UNITS	R	12/10/2020			121590		
01 570230	VEHICLE MAINT & FUEL - VEH	RADIOS MOVED TO NEW		208.45				208.45
4703.1	VERACITY NETWORKS, LLC							
I-4682555	NOV 2020 LAND LINE/INTERNET	R	12/10/2020			121591		
01 510470	TELEPHONE	NOV 2020 LAND LINE/I		2,601.24				2,601.24
4899	WESTERN WATER WORKS SUPPLY COM							
I-2100749-00	Water Valve Boxes	R	12/10/2020			121592		
01 530210	REPAIR SUPPLIES - CONST	Water Valve Boxes		2,196.00				2,196.00
4910	WHEELER MACHINERY CO							
I-PS001066402	Generator Repair	R	12/10/2020			121593		
01 530210	REPAIR SUPPLIES - CONST	Block Heater		738.60				738.60
4995	WORKFORCE QA							
I-547722	RANDOM EMPLOYEE DRUG TESTING	R	12/10/2020			121594		
01 510520	PROFESSIONAL CONSULTING	RANDOM EMPLOYEE DRUG		220.00				220.00
1	CAZIER EXCAVATION,							
I-202012106035	,FR HYD RFD	R	12/16/2020			121595		
01 43099	MISC INCOME	CAZIER EXCAVATION,.,		161.68				161.68
1	DRILL RITE,							
I-202012156039	,FIRE HYD REFUND	R	12/16/2020			121596		
01 43099	MISC INCOME	DRILL RITE,.,FIRE HY		748.46				748.46

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1	I-202012156040 01 43099	FLEETWASH INC, , FIRE HYD REF MISC INCOME	R 12/16/2020 FLEETWASH INC, :, FIRE	589.82		121597		589.82
1160	I-242277 01 560210 01 560210 01 560210	ALPINE SUPPLY BOLTS FOR LARGE METERS REPAIR SUPPLIES - METER REPAIR SUPPLIES - METER REPAIR SUPPLIES - METER	R 12/16/2020 5/8-11X2 3/4 HHCS S. 5/8 FW SAE SS 5/8-11 HEX NUT 316 S	65.22 17.59 48.79		121598		131.60
1298	I-20339 01 510480	ARLINGTON SALES AND RENTAL LLC Crane Safety Training TRAINING & EDUCATION - ADM	R 12/16/2020 Crane Safety Trainin	2,400.00		121599		2,400.00
1610	I-0703886-IN 01 550210	CARDWELL DISTRIBUTING oil for Muffin Monsters REPAIR SUPPLIES - WW	R 12/16/2020 Hydraulic oil for Mu	856.95		121600		856.95
1625	I-J60270 01 550210	CARSON ELEVATOR, LLC WWPS elevator inspection REPAIR SUPPLIES - WW	R 12/16/2020 WWPS elevator inspec	973.40		121601		973.40
1670	I-202012106034 01 580310 01 580340 01 580350 01 580350 01 580320 01 580380	CENTRAL VALLEY WATER REC FACIL NOV 2020 INVOICE FACILITY OPERATION - C.V. PRETREATMENT FIELD - C.V. LABORATORY - C.V. LABORATORY - C.V. PROJECT BETTERMENTS- C.V. CVW DEBT SERVICE	R 12/16/2020 FACILITY OPERATION PRETREATMENT FIELD ENTITY LAB WORK NET LAB COSTS MONTHLY CIP LOAN PAYMENT	355,589.81 25,599.54 5,932.00 16,212.50 70,507.41CR 161,074.96		121602		493,901.40
1725.7	I-5100376514 01 510440	CISCO SYSTEMS DEC 2020 WEBEX EVENTS COMPUTER SUPPLIES/EQUIPMENT	R 12/16/2020 DEC 2020 WEBEX EVENT	113.30		121603		113.30
1740	I-0232795-IN 01 510220	COLONIAL FLAG AND SPECIALTY CO FLAG ROTATION BUILDING & GROUNDS	R 12/16/2020 FLAG ROTATION	97.00		121604		97.00
1845	I-0487762 01 550240	CRUS OIL, INC. Vehicle Cleaning Supplies TOOLS & SUPPLIES - WW	R 12/16/2020 Vehicle Cleaning Sup	51.93		121605		51.93

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1911 I-29250 01 510430	DATA SERVICES - SLCO DEC 2020 MONTHLY CHARGES GENERAL ADMINISTRATIVE	R	12/16/2020	25.00		121606		25.00
2070 I-19056 01 520920	ECT SALES AND SERVICE Well 16 VFD INFRASTRUCTURE PURCHASES	R	12/16/2020	28,941.83		121607		28,941.83
2101 I-0000361405 01 510520	EMPLOYERS COUNCIL HR SUPPORT PROFESSIONAL CONSULTING	R	12/16/2020	1,697.50		121608		1,697.50
2380 I-9743530801 01 550210	GRAINGER INC Chain hoists for stations REPAIR SUPPLIES - WW	R	12/16/2020	1,667.60		121609		1,667.60
2631 I-108836 01 550210	I-D ELECTRIC CO New transformer Montec REPAIR SUPPLIES - WW	R	12/16/2020	3,385.00		121610		3,385.00
2790 I-INV00829 01 520270	JORDAN VALLEY WATER CONSERVANC NOV 2020 LABORATORY SERVICES WATER TESTING FEES	R	12/16/2020	1,125.60		121611		1,125.60
2987 I-1256831-20201130 01 510430	LEXISNEXIS RISK SOLUTIONS NOV 2020 MINIMUM COMMITMENT GENERAL ADMINISTRATIVE	R	12/16/2020	50.00		121612		50.00
3010 I-202012106033 01 550240	LOWES COMPANIES INC NOV 2020 PURCHASES TOOLS & SUPPLIES - WW	R	12/16/2020	189.05		121613		189.05
3170 I-PM-INV004351 01 510430	MONSEN ENGINEERING LLC ESTIMATE TRIMBLE GPS REPAIR GENERAL ADMINISTRATIVE	R	12/16/2020	140.87		121614		140.87
3225 I-401995 01 570230	MOUNTAIN WEST TRUCK CENTER UNIT 10 COOLANT LEAK FIX VEHICLE MAINT & FUEL - VEH	R	12/16/2020	1,442.06		121615		1,442.06
3243 I-44-00356333 01 550210	NPW/AUTO VALUE fan belt for exhaust fan REPAIR SUPPLIES - WW	R	12/16/2020	14.86		121616		14.86

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3466	PERRY, RYAN							
I-202012156041	REIMB CDL/TANKER ENDORSEMENT	R	12/16/2020			121617		
01 510480	TRAINING & EDUCATION - ADM	REIMB CDL/TANKER END		61.00				61.00
3480	PITNEY BOWES							
I-202012106032	POSTAGE MACHINE	R	12/16/2020			121618		
01 510420	POSTAGE & MAILING	POSTAGE MACHINE		450.00				450.00
4000	SILVER SPUR CONSTRUCTION							
I-19F:NO 4	PMT 4/19F:3600 WEST WATERLINE	R	12/16/2020			121619		
01 520920-19F	3600 WEST WATERLINE	PMT 4/19F:3600 WEST		369,635.50				369,635.50
4100	SNAP-ON INDUSTRIAL DIV OF IDSC							
I-ARV/46201439	SNAPON DIAGNOSTIC UPGRADE	R	12/16/2020			121620		
01 570240	TOOLS - VEH	SNAPON DIAGNOSTIC UP		588.64				588.64
4510	UNITED PARCEL SERVICE							
I-000037Y34X500	SHIPPING/K ROBISON	R	12/16/2020			121621		
01 570230	VEHICLE MAINT & FUEL - VEH	SHIPPING/K ROBISON		27.39				27.39
4882	WEST WIND LITHO							
I-16972	2021 CALENDAR PRINT	R	12/16/2020			121622		
01 510530	PUBLIC RELATIONS/CONSERVATION	2021 CALENDAR PRINT		6,069.00				6,069.00
1725	CHILD SUPPORT SERVICES							
I-CS2202012226050	CASE #C001446501	R	12/22/2020			121623		
01 22080	GARNISHMENT PAYABLE	CASE #C001446501		84.46				84.46
1725	CHILD SUPPORT SERVICES							
I-CS3202012226050	CASE #C001355847	R	12/22/2020			121624		
01 22080	GARNISHMENT PAYABLE	CASE #C001355847		172.62				172.62
2902	KIRK A CULLIMORE							
I-G07202012226050	CIVIL NO 190402707	R	12/22/2020			121625		
01 22080	GARNISHMENT PAYABLE	CIVIL NO 190402707		315.94				315.94
4870	WELLS FARGO ADVISORS							
I-4K%202012226050	401(K) CONTRIBUTIONS	R	12/22/2020			121626		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K) CONTRIBUTIONS		259.78				
01 500120	401K PLAN EXPENSE	401(K) CONTRIBUTIONS		20,849.11				
I-LM2202012226050	401(K) LOAN PAYMENT	R	12/22/2020			121626		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K) LOAN PAYMENT		299.87				
I-LMS202012226050	401(K) LOAN PAYMENT	R	12/22/2020			121626		
01 22040	RETIREMENT CONTRIB PAYABLE	401(K) LOAN PAYMENT		1,616.29				23,025.05

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1 I-202012216045 01 43099	LANDMARK INSTALLATIONS HDD, ,F MISC INCOME	R	12/23/2020	230.00		121627		230.00
1 I-202012226051 01 510490	LEVI ALLRED, ,2020 BOOT REIMBU SAFETY EXPENSE	R	12/23/2020	100.00		121628		100.00
1 I-202012226052 01 560210	KEVIN KILLPACK, ,REIMB BATTERY REPAIR SUPPLIES - METER	R	12/23/2020	7.93		121629		7.93
1142 I-202012216046 01 510540	ALLIANZ CONSULTING SOLUTIONS, NOV 20 CC FEE REDUC SRVCS BANKING & BONDING EXPENSE	R	12/23/2020	347.33		121630		347.33
1160 I-242624 01 560210	ALPINE SUPPLY ANTI-SEIZE PASTE REPAIR SUPPLIES - METER	R	12/23/2020	32.08		121631		32.08
1268.1 I-139748 01 510430	APPLICANTPRO JAN 2021 MONTHLY CHARGES GENERAL ADMINISTRATIVE	R	12/23/2020	169.00		121632		169.00
1444 I-202012226053 01 510480	BEASON, RILEY M TUITION REIMB/IND ELEC,CET TRAINING & EDUCATION - ADM	R	12/23/2020	871.76		121633		871.76
1465 I-19C:NO 4 01 520920-19C	BLACK SHEEP OILFIELD SVCS, LLC PMT 4/19C:2200 W WATERLINE 2200 W WATERLINE PROJECT	R	12/23/2020	66,775.50		121634		66,775.50
1500 I-24872 01 520920-20E	BOWEN COLLINS AND ASSOCIATES 20E:PIONEER WWPS REPLACEMENT PIONEER WWPS REPLACEMENT	R	12/23/2020	17,008.20		121635		17,008.20
1721 I-202012216047 01 510440	CHASE CARD SERVICES NOV 2020 PURCHASES COMPUTER SUPPLIES/EQUIPMENT	R	12/23/2020	120.00		121636		120.00
1725.5 I-1901781046 01 510430 I-4070731968 01 510220	CINTAS CORPORATION GHID LOGO HATS & SCARVES GENERAL ADMINISTRATIVE MATS BUILDING & GROUNDS	R	12/23/2020	757.50		121637		757.50
		R	12/23/2020	119.24		121637		876.74

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1845	CRUS OIL, INC. I-0487428 01 550210 01 550210							
	Muffin Monster oil filter	R	12/23/2020			121638		
	REPAIR SUPPLIES - WW			200.00				
	REPAIR SUPPLIES - WW			106.40				306.40
1925	DEAN, KYLE I-202012216048 01 510490							
	2020 BOOT REIMBURSEMENT	R	12/23/2020			121639		
	SAFETY EXPENSE		2020 BOOT REIMBURSEM	100.00				100.00
2072	EDA ARCHITECTS, INC. I-220068.002 01 520920-20G							
	20G:BLDG B REMODEL & EXPSN/PRO	R	12/23/2020			121640		
	BLDG B REMODEL & EXPANSION		20G:BLDG B REMODEL &	34,615.00				34,615.00
2184.1	FASTENAL COMPANY I-MN019484077 01 510490							
	PPE VENDING SUPPLIES	R	12/23/2020			121641		
	SAFETY EXPENSE		PPE VENDING SUPPLIES	20.00				20.00
2283	FRANSON CIVIL ENGINEERS INC. I-07044 01 520920-19C							
	19C:2200 W WATERLINE/PROFESSIO	R	12/23/2020			121642		
	2200 W WATERLINE PROJECT		19C:2200 W WATERLINE	9,593.00				9,593.00
2333	GARCIA, ALEJANDRO I-202012216043 01 510490							
	2020 BOOT REIMBURSEMENT	R	12/23/2020			121643		
	SAFETY EXPENSE		2020 BOOT REIMBURSEM	100.00				100.00
2380	GRAINGER INC I-9750433535 01 550240							
	Hose Reel for Unit 35	R	12/23/2020			121644		
	TOOLS & SUPPLIES - WW		Hose Reel for Unit 3	229.06				229.06
2490	HANSEN, ALLEN & LUCE, INC. I-43157 01 520920-20D I-43300 01 520520							
	20D:KENT BOOSTER RPLCMNT & TNK	R	12/23/2020			121645		
	KENT BOOSTER RPLCMNT & TANK		20D:KENT BOOSTER RPL	8,500.25				
	2020 WST WTR MODEL UPDATE	R	12/23/2020			121645		
	PROFESSIONAL CONSULTING - ENG		2020 WST WTR MODEL U	7,946.66				16,446.91
2505	HARMONS DIST. I-112803/1 01 510430							
	SYMPATHY/L ALLRED	R	12/23/2020			121646		
	GENERAL ADMINISTRATIVE		SYMPATHY/L ALLRED	39.50				39.50
2620	HYDRO SPECIALTIES CO I-23853 01 530210							
	WS Emergency Site Repairs	R	12/23/2020			121647		
	REPAIR SUPPLIES - CONST		WS Emergency Site Re	1,200.00				1,200.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
2734	J-U-B ENGINEERS, INC. I-0139037 01 520920-20B	R	12/23/2020	70,431.86		121648		70,431.86
2772	JOHNSON, KRISTY I-202012216049 01 510430	R	12/23/2020	152.15		121649		152.15
2790	JORDAN VALLEY WATER CONSERVANC I-202012216044 01 530250	R	12/23/2020	419,490.70		121650		419,490.70
2920	LANCE EXCAVATING INC. I-19D:NO 6 01 520920-19D	R	12/23/2020	30,353.45		121651		30,353.45
3003	LINCOLN NATIONAL LIFE INSURANC I-VLI202012086023 01 22062	R	12/23/2020	178.36		121652		178.36
	I-VLI202012226050 01 22062	R	12/23/2020	178.36		121652		356.72
3215	MOUNTAIN VALLEY MECHANICAL I-INV5901 01 530210	R	12/23/2020	2,010.00		121653		2,010.00
3340	NICKERSON COMPANY INC I-J22428 01 530210	R	12/23/2020	14,000.00		121654		14,000.00
	01 530210			625.00				14,625.00
3630	RASMUSSEN EQUIPMENT I-10119856 01 530210	R	12/23/2020	334.00		121655		334.00
	I-10121889 01 530210	R	12/23/2020	167.00		121655		501.00
3722	RHINO PUMPS LLC I-INV3019 01 550210	R	12/23/2020	16,315.67		121656		16,315.67
3950	SELECTHEALTH I-203560001226 01 500130	R	12/23/2020	10,608.10		121657		10,608.10
	01 500130			1,786.10				1,786.10
	01 500130			1,324.80				1,324.80
	01 500130			854.40				854.40
	I-610000-10000-11429	R	12/23/2020			121657		

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
3950	SELECTHEALTH CONT							
I-610000-10000-11429	HEALTHY LIVING INC-GLASS SCALE	R	12/23/2020			121657		
01 510430	GENERAL ADMINISTRATIVE			55.00				
I-FSM202012086023	HEALTH INS FAM. SELECT MED	R	12/23/2020			121657		
01 500130	HEALTH INSURANCE			82,261.60				
I-SSM202012086023	SINGLE SELECT MED	R	12/23/2020			121657		
01 500130	HEALTH INSURANCE			3,638.40				97,878.80
4189	STANLEY CONSULTANTS, INC							
I-0227748	18K:PRINTERS ROW WATERLINE REP	R	12/23/2020			121658		
01 520920-18K	PRINTERS ROW WATERLINE REPLACE18K:PRINTERS ROW WAT			4,838.50				4,838.50
4324	TEKCOLLECT							
I-472930	NOV 2020 COLLECTIONS	R	12/23/2020			121659		
01 510430	GENERAL ADMINISTRATIVE			75.57				75.57
4374	THE HON COMPANY LLC							
I-1223273	3 Guest Chairs	R	12/23/2020			121660		
01 510410	OFFICE SUPPLIES/PRINTING			779.94				779.94
4478	TYLER BUSINESS FORMS							
I-53681	2020 1095 FORMS	R	12/23/2020			121661		
01 510410	OFFICE SUPPLIES/PRINTING			113.52				113.52
4545	UNUM LIFE INSURANCE CO OF AMER							
I-202012236054	JAN 2021 LTC PREMIUM PAYMENT	R	12/23/2020			121662		
01 500170	LIFE/LTD/LTC INSURANCE			258.50				
I-UNM202012086023	LONG TERM CARE ER	R	12/23/2020			121662		
01 22060	OTHER INSURANCE PAYABLE			1.75				
I-UNM202012226050	LONG TERM CARE ER	R	12/23/2020			121662		
01 22060	OTHER INSURANCE PAYABLE			1.75				262.00
4693	UTOPIA							
I-EPIV00000670746	DEC 2020 FIBER OPTICS	R	12/23/2020			121663		
01 510440	COMPUTER SUPPLIES/EQUIPMENT			500.00				500.00
1	AMERICAN TECHNOLOGY,							
I-202012306061	,FH REF	R	12/30/2020			121664		
01 43099	MISC INCOME			1,297.74				1,297.74
1434	BATTERY SYSTEMS INC							
I-6258140	NEW BATTERY - UNIT 22	R	12/30/2020			121665		
01 570230	VEHICLE MAINT & FUEL - VEH			72.70				72.70

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4435	TITUS INDUSTRIAL GROUP INC.							
I-8467	Composite MH Frame & Cove	R	12/30/2020			121675		
01 550210	REPAIR SUPPLIES - WW	Composite MH Frame &		9,002.35				9,002.35

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	156	2,948,835.81	0.00	2,948,502.65
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	18	144,482.65	0.00	144,482.65
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	2	VOID DEBITS 616.84		
		VOID CREDITS 1,566.84CR	950.00CR	0.00

TOTAL ERRORS: 0

** G/L ACCOUNT TOTALS **

G/L ACCOUNT	NAME	AMOUNT
01 12060	A/R - OTHER	48.49
01 21015	AMEX/MC PAYABLE	42,252.51
01 22040	RETIREMENT CONTRIB PAYABLE	7,070.90
01 22050	HEALTH INSURANCE PAYABLE	486.18
01 22060	OTHER INSURANCE PAYABLE	8.75
01 22061	LEGAL SHIELD PAYABLE	410.60
01 22062	VOLUNTARY LIFE PAYABLE	356.72
01 22080	GARNISHMENT PAYABLE	1,146.04
01 22090	CAFETERIA PLAN PAYABLE	7,266.58
01 23010	FEDERAL W/H & MEDICARE PAYABLE	35,794.56
01 23020	STATE W/H PAYABLE	16,588.71
01 41020	SEWER SERVICE CHARGES	6,379.34
01 43099	MISC INCOME	8,598.30
01 500110	STATE RETIREMENT PLAN	64,468.52
01 500120	401K PLAN EXPENSE	42,301.71
01 500130	HEALTH INSURANCE	102,448.80
01 500150	MEDICARE	5,240.38
01 500160	WORKERS COMP INS	2,676.05
01 500170	LIFE/LTD/LTC INSURANCE	460.71
01 510220	BUILDING & GROUNDS	3,355.02
01 510230	VEHICLE FUEL - ADM	2,948.14
01 510235	VEHICLE LEASE	17,248.60
01 510410	OFFICE SUPPLIES/PRINTING	2,801.29
01 510420	POSTAGE & MAILING	12,546.95
01 510430	GENERAL ADMINISTRATIVE	3,014.89

VENDOR SET: 01 Granger - Hunter Improvem
 BANK: GENCK GENERAL - CHECKING
 DATE RANGE:12/01/2020 THRU 12/31/2020

** G/L ACCOUNT TOTALS **

G/L ACCOUNT	NAME	AMOUNT
01 510440	COMPUTER SUPPLIES/EQUIPMENT	45,337.82
01 510450	GENERAL INSURANCE	456.20
01 510460	UTILITIES - ADMIN	6,365.71
01 510470	TELEPHONE	6,473.51
01 510480	TRAINING & EDUCATION - ADM	5,484.46
01 510490	SAFETY EXPENSE	1,700.86
01 510500	LEGAL EXPENSE	1,422.08
01 510520	PROFESSIONAL CONSULTING	1,990.30
01 510530	PUBLIC RELATIONS/CONSERVATION	6,069.00
01 510540	BANKING & BONDING EXPENSE	347.33
01 520240	TOOLS & SUPPLIES - ENG	59.94
01 520270	WATER TESTING FEES	1,125.60
01 520520	PROFESSIONAL CONSULTING - ENG	7,946.66
01 520920	INFRASTRUCTURE PURCHASES	28,941.83
01 520920-18B	4100 S/WEST OF BANGERTER	3,858.83
01 520920-18C	METER 80 PIPING MODIFICATIONS	21,350.72
01 520920-18K	PRINTERS ROW WATERLINE REPLACE	6,840.22
01 520920-19C	2200 W WATERLINE PROJECT	330,021.54
01 520920-19D	PRV UPGRADES & LRG MTR REPLACE	30,353.45
01 520920-19F	3600 WEST WATERLINE	377,450.89
01 520920-20B	RUSHTON WATER TREATMENT PLANT	100,681.43
01 520920-20C	2020 SWR REHAB PROJECT	548,934.70
01 520920-20D	KENT BOOSTER RPLCMNT & TANK	8,500.25
01 520920-20E	PIONEER WWPS REPLACEMENT	37,008.20
01 520920-20G	BLDG B REMODEL & EXPANSION	34,615.00
01 520920-20K	4700 S Wtrln Rplc 5600 W Inter	20,907.82
01 520920-20M	BLDG A BATHROOM UPGRADES	19,748.20
01 520920-20N	SCADA MODIFICATIONS/UPGRADES	9,705.00
01 530210	REPAIR SUPPLIES - CONST	33,593.48
01 530240	TOOLS & SUPPLIES - CONST	100.16
01 530250	WATER SUPPLY EXPENSE	419,490.70
01 530280	UTILITIES - WATER/OPS	43,850.62
01 550210	REPAIR SUPPLIES - WW	33,661.76
01 550240	TOOLS & SUPPLIES - WW	612.43
01 550280	UTILITIES - WW	13,036.77
01 560210	REPAIR SUPPLIES - METER	798.82
01 570230	VEHICLE MAINT & FUEL - VEH	3,734.23
01 570240	TOOLS - VEH	588.64
01 580310	FACILITY OPERATION - C.V.	355,589.81
01 580320	PROJECT BETTERMENTS- C.V.	70,507.41CR
01 580340	PRETREATMENT FIELD - C.V.	25,599.54
01 580350	LABORATORY - C.V.	22,144.50
01 580380	CVW DEBT SERVICE	161,074.96
	*** FUND TOTAL ***	3,092,985.30

VENDOR SET: 01 Granger - Hunter Improvem
BANK: GENCK GENERAL - CHECKING
DATE RANGE:12/01/2020 THRU 12/31/2020

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
VENDOR SET: 01	BANK: GENCK	TOTALS:	NO 176	INVOICE AMOUNT 3,092,985.30			DISCOUNTS 0.00	CHECK AMOUNT 3,092,985.30
BANK: GENCK	TOTALS:		176	3,092,985.30			0.00	3,092,985.30
REPORT TOTALS:			176	3,092,985.30			0.00	3,092,985.30

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: 12/01/2020 THRU 12/31/2020
CHECK AMOUNT RANGE: 0.00 THRU 999,999,999.99
INCLUDE ALL VOIDS: YES

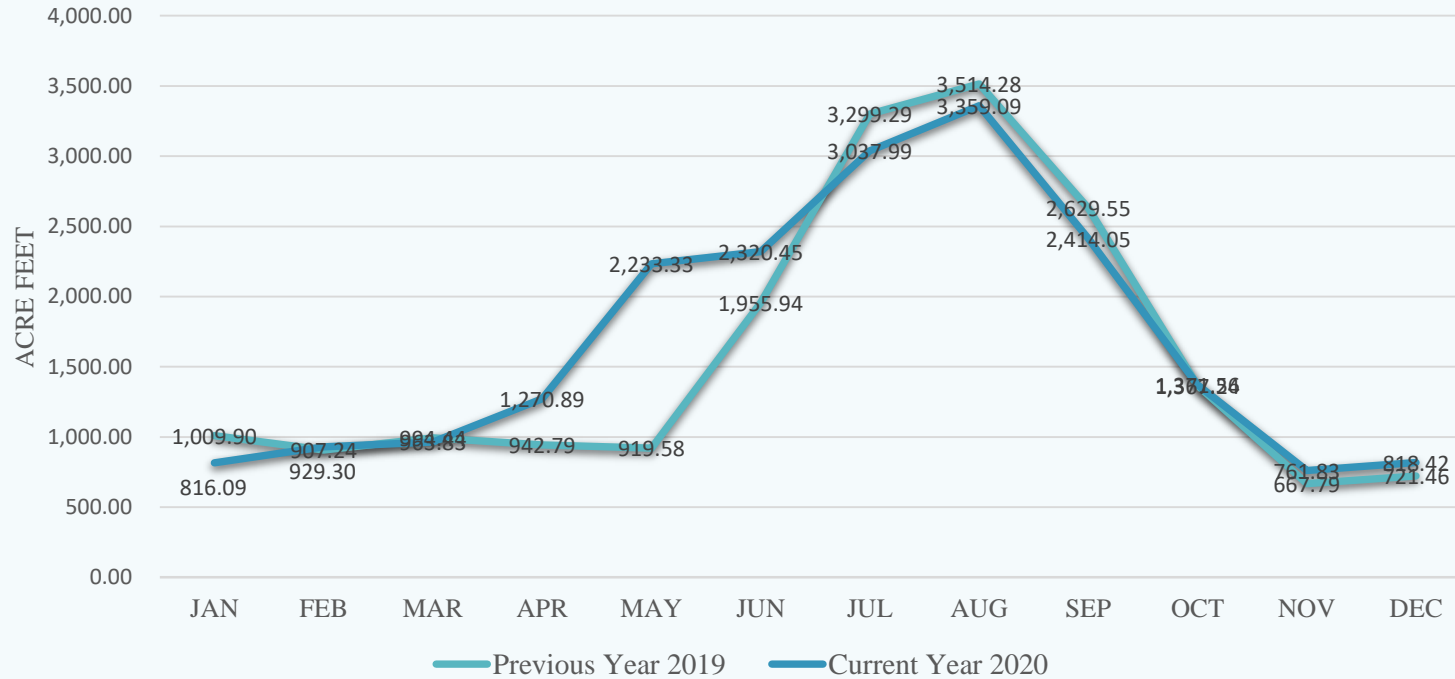
PRINT OPTIONS

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

Operations Report

JVWCD TOTAL METER CONSUMPTION BY MONTH



Combined total water produced from JVWCD and GHID in 2020 was 27,688.81 acre-ft (9,022,426,427.31 gal).

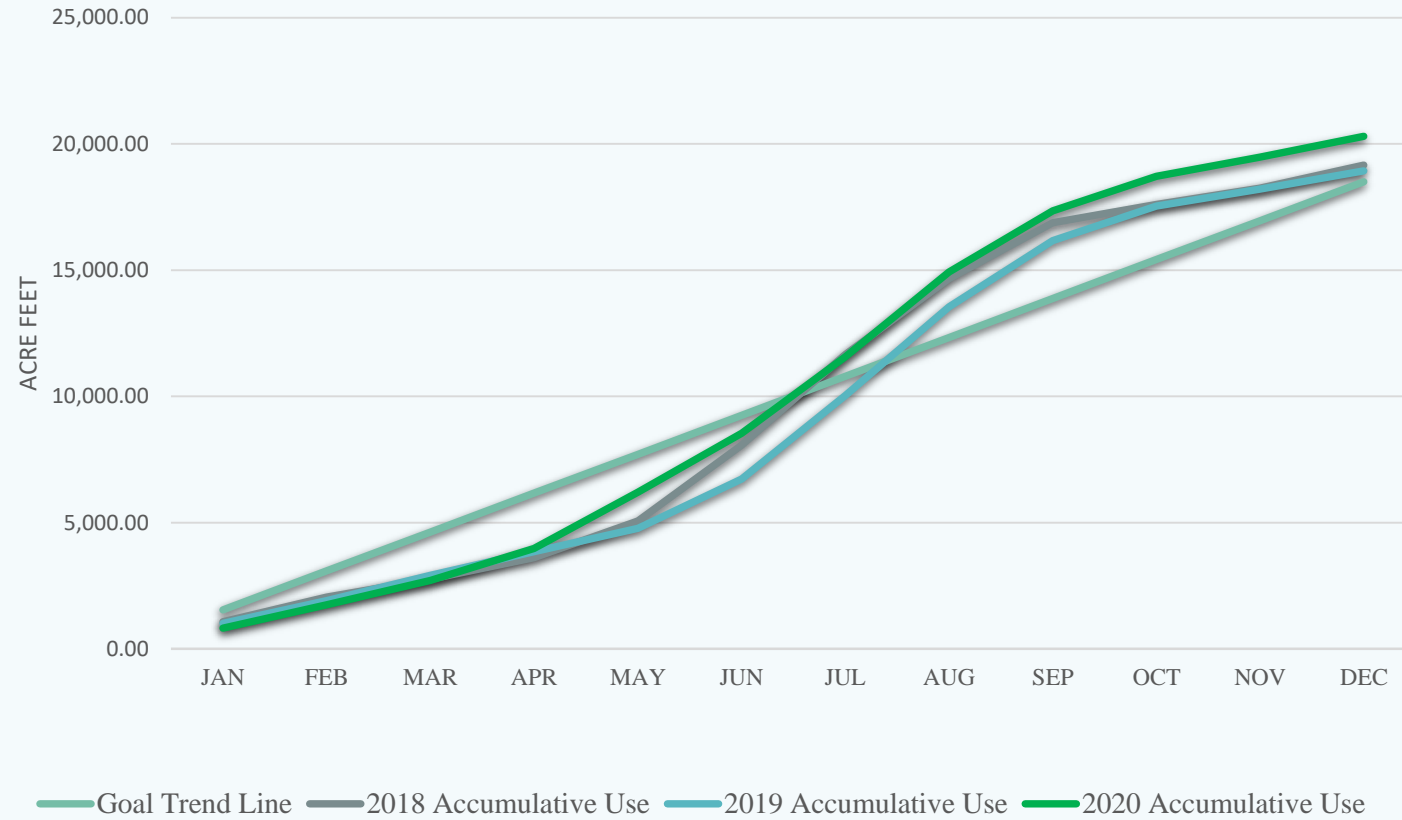
20,296.83 acre-ft (6,613,742,352.33) was purchased from JVWCD. Due to a record dry year and unforeseen/uncontrollable events (4100S, Well 16 VFD, JVWCD disruption of service) we exceeded our contract by 1,796.83 acre-ft or 9.71%

Water production in 2019 was 23,367 acre-ft. Water use hasn't been this high since 2012.



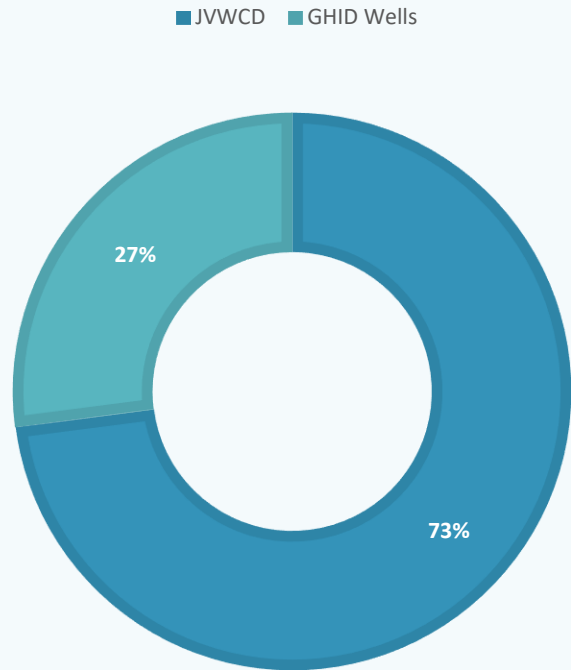
Water Production

ACCUMULATIVE JWCD WATER CONSUMPTION

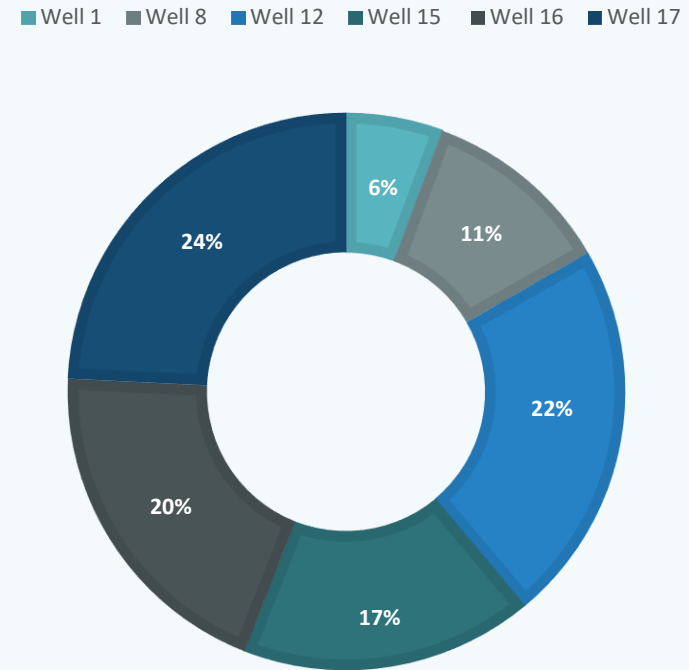


Water Production

2020 YTD PRODUCTION BY SOURCE

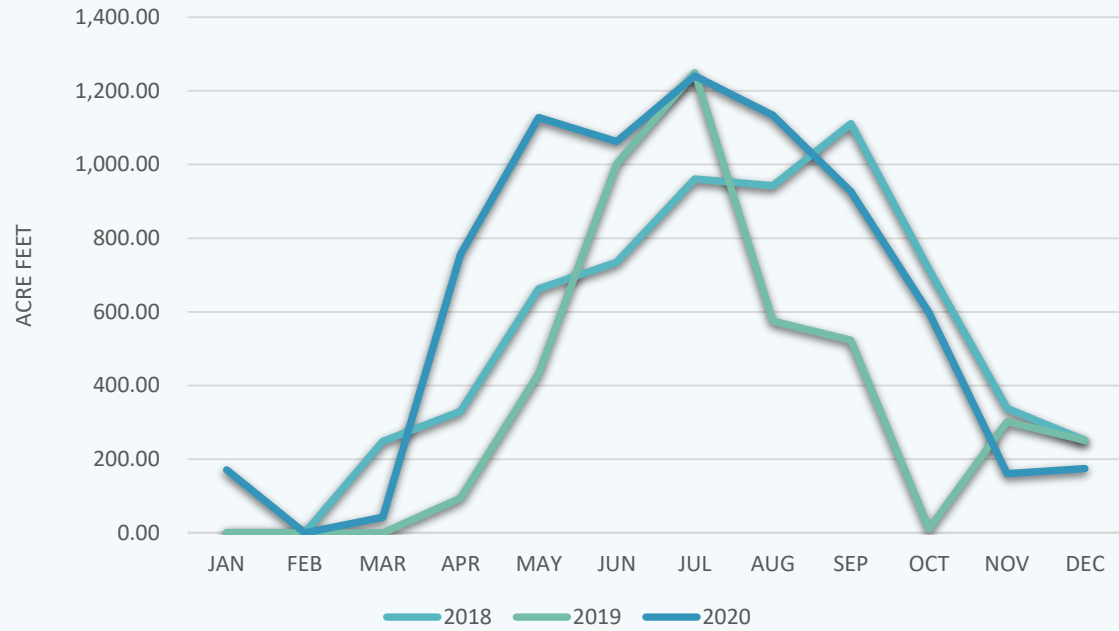


2020 YTD WELL PRODUCTION

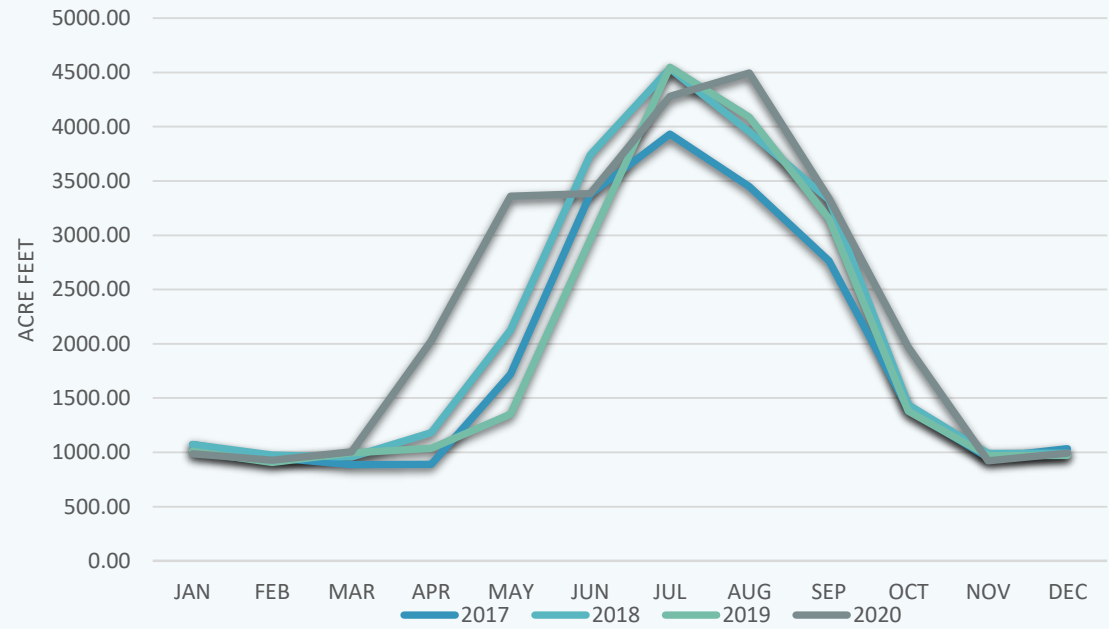


Water Production

GHID Deep Wells



Combined Source Total Water Produced



Capital Projects Status – January 19, 2021

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:	97%
Original Construction:	\$4,803,454
Current Contract:	\$4,968,354
Change Order %:	3.3%

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: A punchlist walk-through was held on Thursday, January 7th. Working on pulling power to the Falcon Street PRV. Contractor is working on fence installation.

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:	95%
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: Work is suspended due to cold weather and will resume in Spring 2021.



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:	80%
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 contractor will shut down for the winter after the pipe installation at the 2200 West 3800 South intersection is complete. Work will resume in early Spring 2021.



Meter box and trench for water service at 3850 S. 2200 W.



12" waterline installation west of 2200 W. 3800 S. intersection

19F: 3600 West Waterline Project

Capital Project:	Well No. 4 - 3600 West Pipeline
Consultant:	PSOMAS
Contractor:	Silver Spur Construction
Design Progress:	100%
Construction Progress:	92%
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: All pipeline installation from 4700 South to the tank site is complete. The remaining work to be performed include additional pipeline pressure testing and disinfection, water tank improvements, and electrical work including RTU panel construction.



Capital Projects Status

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.

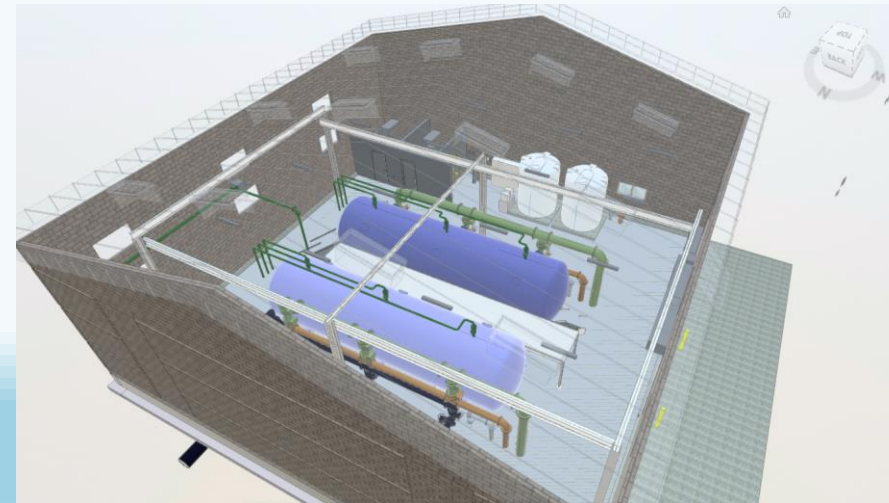
Project Update: The pre-design report is complete. District staff will prepare an RFP to hire a consultant to design the project in early 2021.

20B: Rushton Groundwater Treatment Plant

- Capital Project: Wells 1, 12, 17 Treatment Facility
- Consultant: J-U-B Engineers
- Contractor: To be determined
- Design Progress: 59%
- 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: Working on the contract and pilot testing with Tonka/Kurita (Filter Supplier). Consultant is working on finalizing pipeline alignment on 3300 South and connections on 3100 South.



Revised internal layout



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: 60%
- 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.

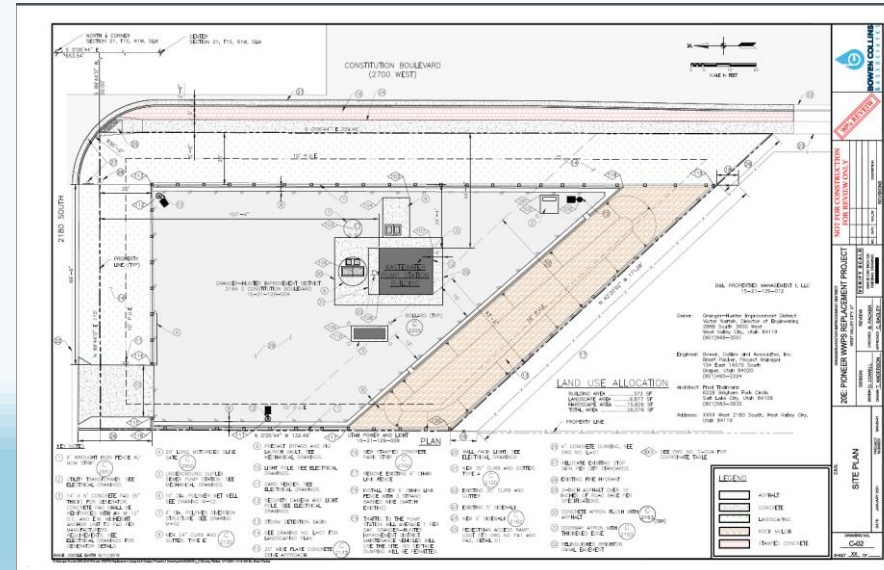
Project Update: 60% design has been submitted and reviewed. The plans will be submitted to West Valley City for input on aesthetics/landscaping/fencing. District staff met with Jordan Valley Water staff and discussed the appraisal and the estimated value of the tanks. GHID/JVWCD will be jointly hiring an Engineer to conduct a third-party analysis of both GHID and JVWCD proposed tank purchase costs.

20E: Pioneer WWPS Replacement

- Capital Project: Pioneer WWPS Replacement
- Consultant: Bowen Collins & Associates, Inc.
- Contractor: To be determined
- Design Progress: 90%
- 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 consultant plans to send documents to West Valley City and the Utah Department of Environmental Quality for review in the next month.



Site plan



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 contractor plans to mobilize in February and begin construction.

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: District staff are working with the Consultant to prepare a contract amendment to complete the design of the remodel and addition.



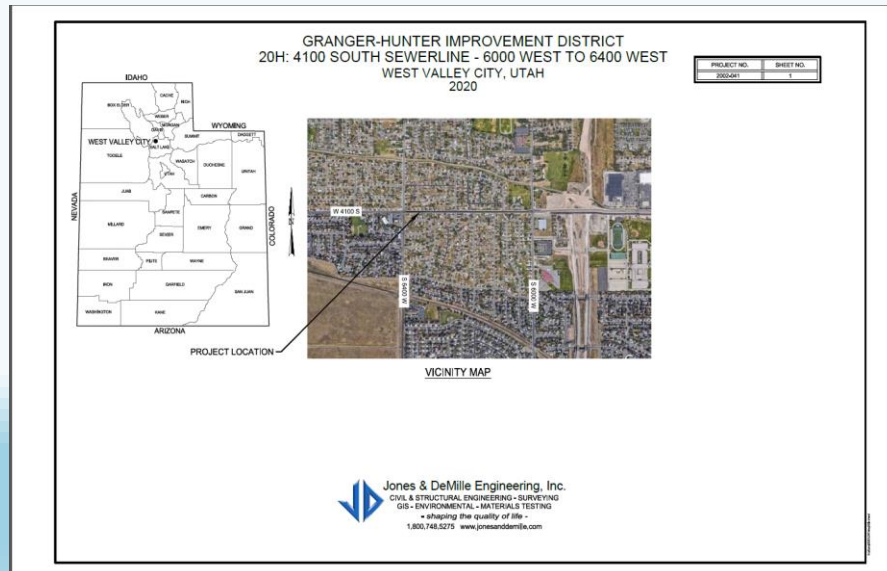
Capital Projects Status

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: 100%
- 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 project was advertised for bid on January 7. The District will receive bids until January 27. Construction is anticipated to begin in mid-April.



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: 90%
- 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: The design is almost complete. The District is currently reviewing the latest plans and specifications. The project will be advertised for bid after final revisions are completed.



Project location and limits



Capital Projects Status

21A: Large Meter Replacements

- Capital Project: -
- Consultant: GHID
- Contractor: To be determined
- Design Progress: 30%
- 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 annual recurring maintenance/replacement projects.

Project Update: Project design including utility potholing is ongoing.

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

21D: Enterprise Resource Planning Software Replacement

- Capital Project: Incode v10 Upgrade
- Vendor: To be determined
- Implementation Progress:
- Budget: \$80,000
- Current Contract: -

Project Description: Replacement or upgrade of the District’s Enterprise Resource Planning (Financial) software. Incode v9 is at the end of it’s useful life. This project will replace the current software with a more modern platform.

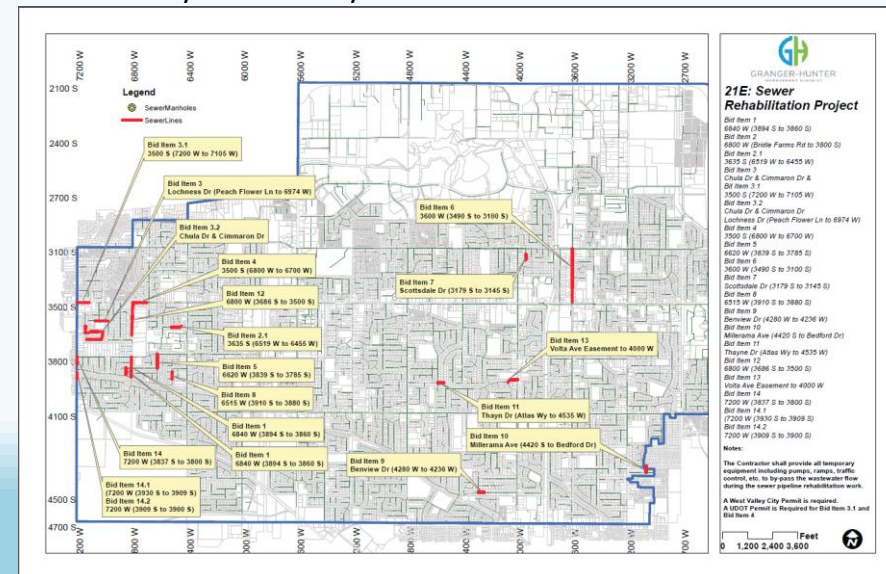
Project Update: The Request for Proposals for the software has been posted on Scisquest for vendors.

21E: Sewer Rehabilitation Project

- Capital Project: Sewer Lining and Manhole Rehabilitation
- Consultant: GHID
- Contractor: To be determined
- Design Progress: 95%
- Construction Progress: -
- Original Construction: -
- Current Contract: -
- Change Order %: -

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 annual recurring maintenance/replacement projects.

Project Update: Project design by District staff is almost complete. The project will be advertised for bids by mid-January.



Project location and limits



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. Interior furnishing is ongoing.

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 in the spring.

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: The vault has been ordered and will be installed when delivered. Construction will be completed by the end of February.

Taylorsville-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. Information on shared utility service is being reviewed by both GHID and TBID.



Breeze/Meter 80 Project Power Savings

Breeze/Meter 80 RMP Incentive

The Meter 80 connection currently has sufficient head pressure to serve Zones #1 and #2, which are currently served by the Breeze Booster Station. Zone #5 will continue to be served by the Breeze Booster Pump Station. Granger Hunter has requested assistance from Rocky Mountain Power in investigating the energy savings associated with installing a bypass to allow water delivered to Meter 80 to be directly piped to the Zones #1 and #2. Utah State Energy Code does not apply for this project.



Breeze PRV Bypass



Meter 80 Piping



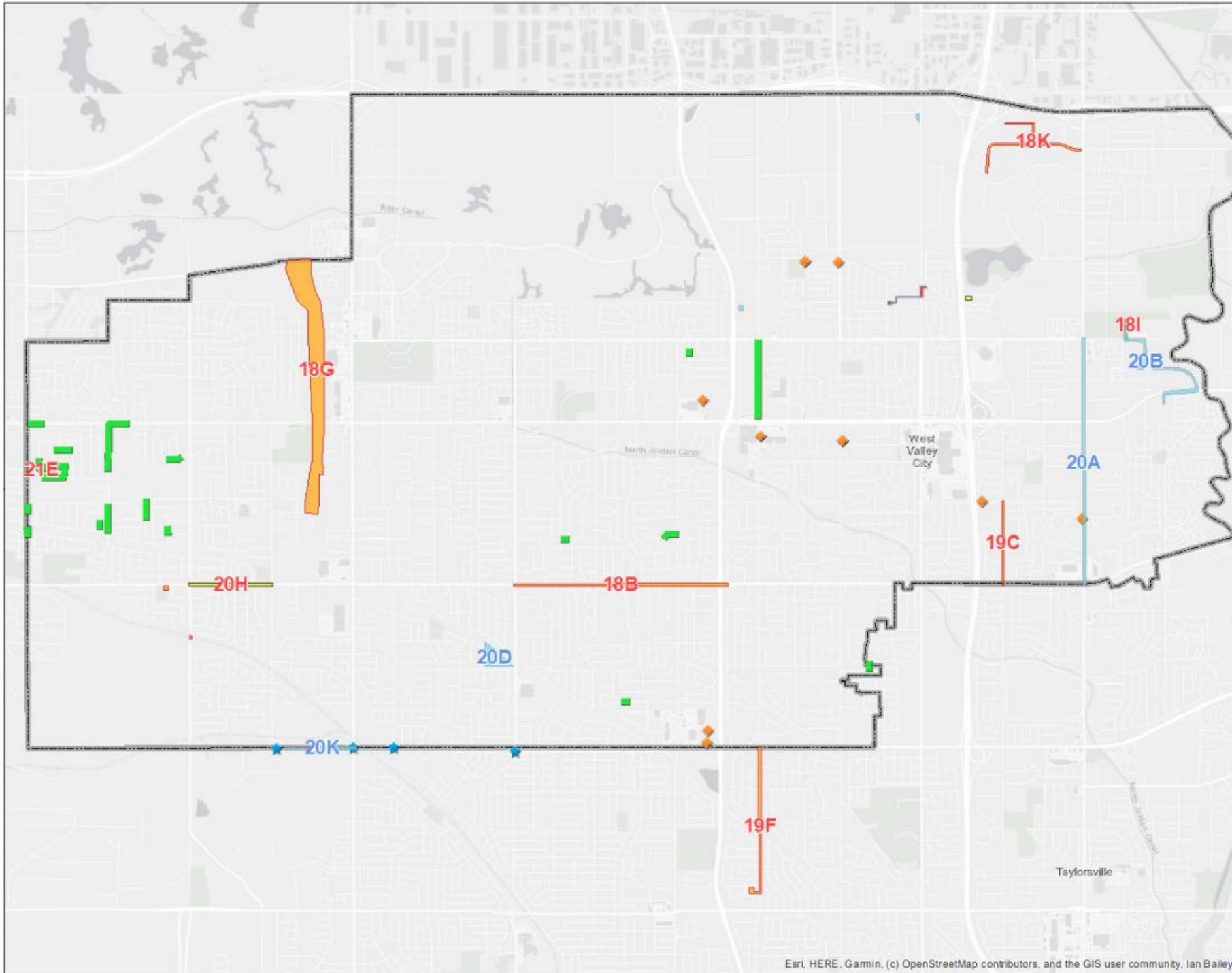
Chlorination Booster Building

	kWh Savings, Annual	kW Savings, avg per mo	Electric Cost Savings, Annual	Incremental Installed Cost	Incentive	Payback Before Incentive	Payback After Incentive	Installed Cost After Incentive	Percentage of Cost Paid by Incentive
Project Totals	447,872	49.0	\$24,243	\$164,152.80	\$67,180.80	6.8	4.0	\$96,972.00	40.9%

An average home in the U.S. uses 10,650 kWh per year.



Capital Projects Map



GRANGER-HUNTER
IMPROVEMENT DISTRICT

ArcGIS Web Map

Legend

21E: Sewer Rehabilitation Project

Planned Projects

Approved

Projects in Progress

Designed

Under Construction

Finished Projects this Year

Finished

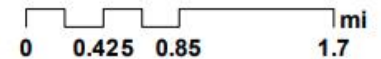
21A: Large Meter Replacement

21A: Large Meter Replacements

21C: Kearns GHID Interconnect

21C Kearns GHID Interconnect

GHID_Database.DBO.Boundary



Engineering Report

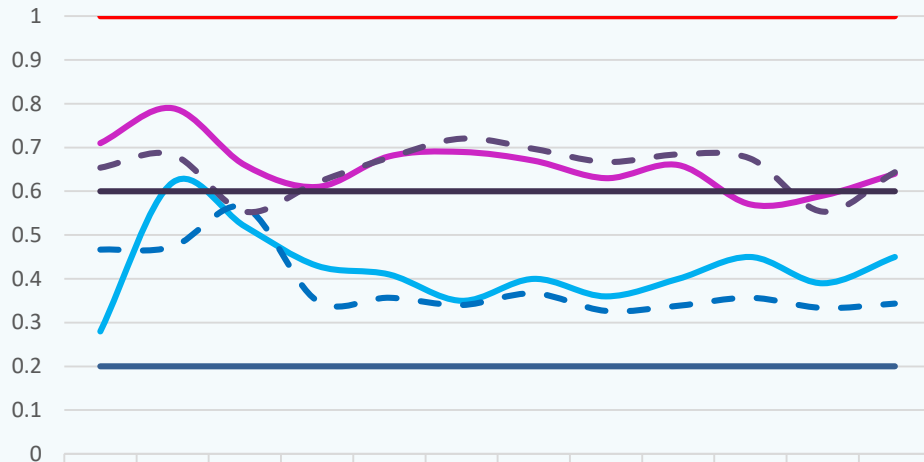
Plans Reviewed in December 2020

1) Phil's Farm Subdivision	4800 W. 4210 S.	Subdivision
7 Lot Subdivision		
2) CVS Pharmacy	5557 W. 4100 S.	Tenant Improvement
Commercial Bldg.		



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	0.39	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	0.59	0.64
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
Graph Last Year

Notices Sent - Last Month

Ready to send **108**

45 day Backflow Notice

Last update: 10 minutes ago

Notices Sent - Last Month

0 Reminders

Last update: 10 minutes ago

Notices Sent - Last Month

Ready to send **406**

30 Days Late Notice

Last update: 10 minutes ago

Notices Sent - Last Month

41 30 Days Late

Last update: 10 minutes ago

Notices Sent - Last Month

Ready to send **225**

90 day Backflow Notice

Last update: 10 minutes ago

Notices Sent - Last Month

0 90 Days Late

Last update: 10 minutes ago

Past Due

758

Last update: 10 minutes ago

Back flow Failed

3

Last update: 10 minutes ago

No Hazard Assessment's due this month

Last update: 10 minutes ago

17 Backflows added in the last 31 days

Last update: 10 minutes ago

All Backflow's in GIS

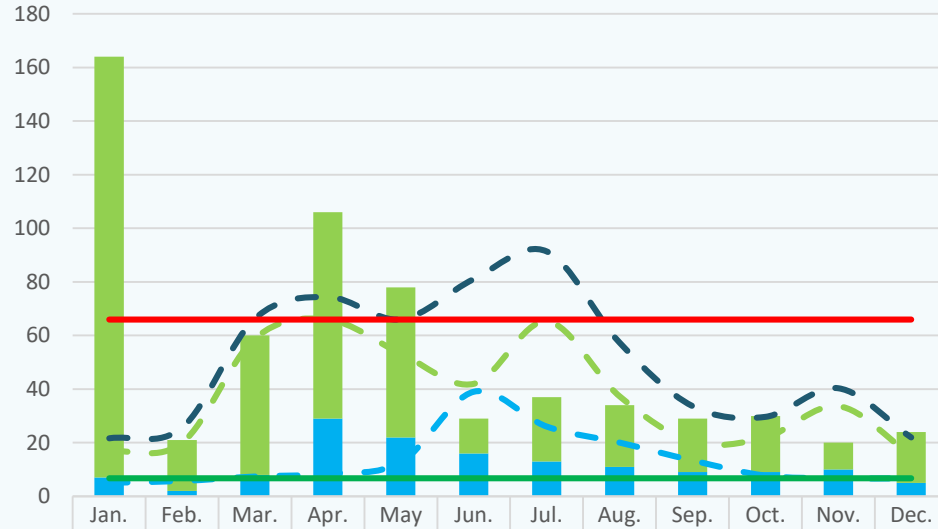
1,157

Last update: 10 minutes ago

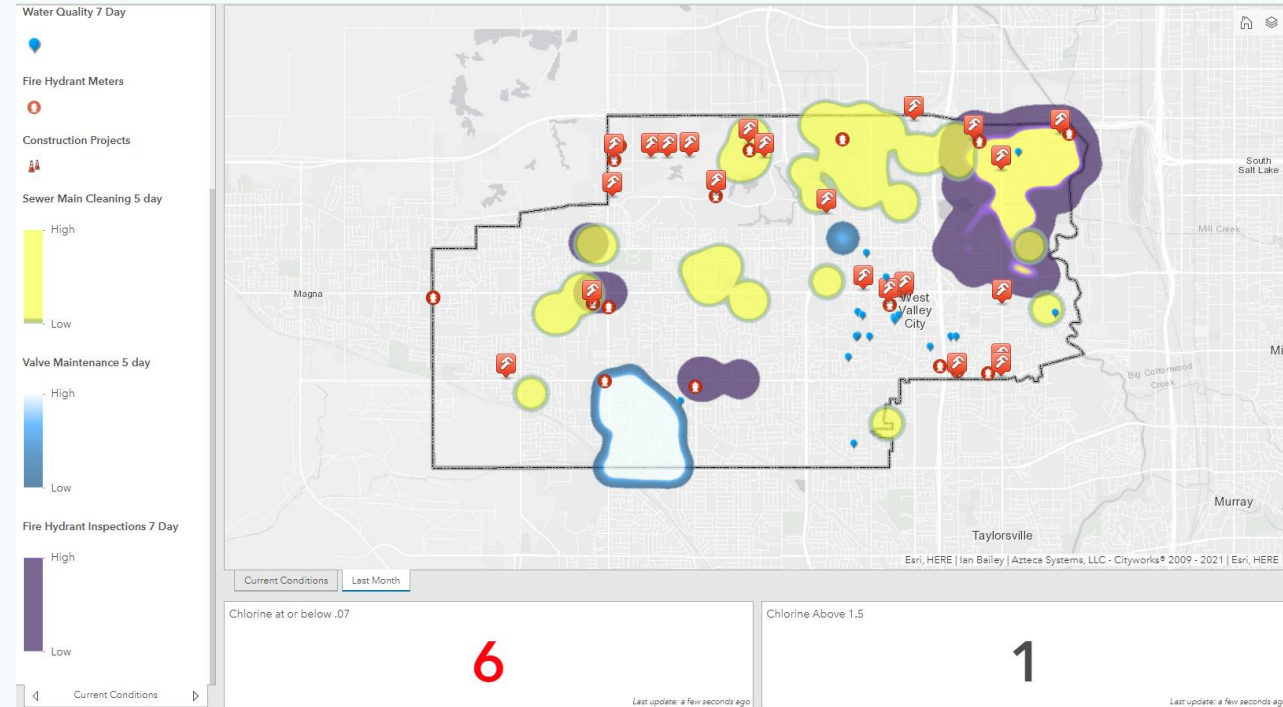


Water Quality Report

Water Quality and Pressure Complaints



Water Quality Complaint Locations – December 2020



Water Maintenance Project Approval

2021 Leak Detection Program

Project Description: As part of the District’s Strategic Initiative Water Loss Task Force and to aid with water loss identification, the District solicited proposals with pricing from vendors for leak detection services.

Conservation Funding Agreement: The District and Jordan Valley Water Conservancy District entered a Member Agency Water Conservation Funding Agreement, which outlines a cost-sharing structure between the two Districts. Jordan Valley Water Conservancy District (JVWCD) has agreed to cover 60 percent of the cost with GHID to cover 40 percent.

The request for proposal was posted on the District’s website and the Utah Public Procurement Place. The District received four (4) proposals from the following vendors.

1. Echologics Leak Detection Service
2. Utilis
3. Utility Services Associates
4. Wachs Water Services

Summary: Procurement selection was completed using a Request for Proposal Method. An Evaluation Committee was formed and evaluated all proposals with the following selection criteria:

- | | |
|---|-----|
| 1. Projects team and experience on past similar projects: | 40% |
| 2. Leak detection technology and plan for implementation: | 40% |
| 3. Cost: | 20% |

The Evaluation Committee ranked Wachs Water Services the highest with 80 points out of 100 possible. See attached Memorandum for additional information.

Approval Requested: Consider approval of a contract with Wachs Water Services for leak detection services in the amount of \$51,400.00 with \$30,840 to be reimbursed by JVWCD as agreed.

Pure Technologies and Wachs Water Services


In 2015 Wachs Water Services joined the Pure Technologies team, and together have over 20 years of leak detection experience on distribution and transmission systems, small and large diameter pipe size, and using inline and external leak detection technologies.

 *Wachs Water Services has inspected over 10,000 miles of water mains

Wachs Water Services has more than a decade of experience with multiple technologies and techniques for water main external leak detection, including specialized correlators, noise loggers, and ultra-sensitive sonic listening devices.

Highly trained field technicians have successfully inspected over 10,000 miles of water mains. In addition Wachs Water Services is the industry leader in valve and hydrant control having assessed over 250,000 hydrants and 850,000 valves.

Pure Technologies’ inline leak detection tools have surveyed over 7000 miles of transmission mains, discovering over 6,500 leaks. Proprietary technologies include the SmartBall® and Sahara® leak and gas pocket tools, some of the only technologies available that can inspect pressure pipes while still in operation.

 * Pure Technologies has surveyed over 7,000 miles of transmission mains, discovering over 6,500 leaks



To date, we have located more than **6,500 leaks** with our inline tools, representing

850
billion gallons
in water savings



Water Maintenance Update

2021 Leak Detection Program



2888 South 3600 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-5551 • Fax (801) 968-5467 • www.ghid.org

Memorandum

Date: January 13, 2021
To: Jason Helm, P.E., General Manager
From: Dustin Martindale, Director of Water Systems
Subject: Award of Granger-Hunter 2021 Leak Detection Program
Copy: Troy Stout, P.E., Assistant General Manager
 Todd Marti, MPA, P.E., Assistant General Manager/District Engineer

Granger-Hunter Improvement District (District) solicited proposals from vendors for leak detection services. It was expressed to the vendors that the objectives of the leak assessment effort include, but are not limited to:

1. Obtain field data on the average number and severity of undetected leaks per mile in strategic locations throughout the District and in known hot spot areas. Shall include precise location information for each leak.
2. Aid with data development that supports proven quantification of approximate water loss due to undetected leakage.
3. Provide information to support the analysis of localized/sectional pipeline replacement programs.

The request for proposal was posted on the District's website and the Utah Public Procurement Place (Scquest/Jaegger). Proposals were due January 12, and the District received four proposals from the following vendors:

1. Echologics Leak Detection Service
2. Utilis
3. Utility Services Associates
4. Wachs Water Services

An Evaluation Committee was formed and evaluated the vendor's proposals based on the following criteria:

No.	Criteria	Weighting
1.	Projects team and experience on past similar projects:	40%
2.	Leak detection technology and plan for implementation:	40%
3.	Cost:	20%

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Jason Helm, P.E., General Manager, CEO
 M. Troy Stout, P.E., Assistant General Manager, CAO
 Todd Marti, MPA, P.E., Assistant General Manager, District Engineer

Debra K. Armstrong, Chair
 Russell Sanderson, Trustee
 Corey L. Rushion, Trustee

The criteria were graded from 0-5, with 5 being the highest grade. The grades were then multiplied by the appropriate weighting factor to determine the total score. The points for cost were awarded by comparison of the total cost proposed vs. the number of miles of pipe inspected for leaks. The lowest cost per mile Vendor received all 20 points. All other Vendors received a weighted portion of the points according to their cost proposal percentage above the lowest proposed cost, with a proposal at twice the lowest cost receiving none of the points.

The Evaluation Committee included the following: Todd Marti (Assistant General Manager/District Engineer), Dustin Martindale (Water Systems Director), Troy Stout (Assistant General Manager), Shawn Ellis (Water Systems Division Manager), Michelle Ketchum (Director of Administrative Services), Victor Narteh (Director of Engineering), Jeremy Gregory (Staff Engineer). The Committee convened on Tuesday, January 12, 2021, to rank the proposals, and the results are as follows (out of 100 total):

PROPOSER	SCORE
Wachs Water Services	80.00
Proposer B	76.35
Proposer C	76.00
Proposer D	40.00

In December 2020, the Districts Board approved the budget for this work in the amount of \$55,500. Granger-Hunter Improvement District and Jordan Valley Water Conservancy District entered a Member Agency Water Conservation Funding Agreement, which outlines a cost-sharing structure between the two Districts. Jordan Valley Water Conservancy District has agreed to cover 60 percent of the cost of leak detection (\$33,300.00), and Granger-Hunter improvement District has agreed to cover 40 percent of the cost (\$22,200.00). Wachs Water Services proposal was priced at \$51,400.00.

The Committee ranked Wachs Water Services the highest with 80 points out of 100 possible. Based on this analysis, I recommend proceeding with requesting the Board of Trustees approve a contract with Wachs Water Services in the amount of \$51,400.00 for leak detection services.

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Wastewater Equipment Purchase Approval

Combination Single Engine Sewer Cleaner with Vacuum System and Heavy Duty Truck and Chassis

Purchase Description: During the 2021 Budget, the board approved \$450,000.00 for the purchase of a new combination truck to replace an existing unit that has met its optimal life cycle benefit. Purchase shall include procurement of a combination sewer clean mounted on a heavy duty truck chassis.

Bid Summary: The District solicited bids from State Approved Vendors – Cooperative Contracts and received pricing from the following two (2) entities, in line with the specifications:

- | | |
|---|---------------|
| 1) Dawson Infrastructure Solutions | \$449,798.00. |
| 2) Owen Equipment / Premier Truck Group | \$448,304.83. |

Bid Details:

Dawson Infrastructure Solutions (State Contract MA3254) - Includes Sewer Equipment Company upfit with installation on Freightliner 114SD truck and chassis for a total \$449,798.00.

Owen Equipment (State Contract MA2153) / Premier Truck Group (State Contract MA1460) – Includes purchase of Vactor 2100i including installation from Owen Equipment in the amount of \$335,876.83 and the purchase of a Freightliner 114SD truck and chassis in the amount of \$112,428.00 for a total of \$448,304.83. Owen Equipment requires customer to purchase truck and chassis directly from a manufacturer resulting in two separate purchase contracts.

In compliance with State of Utah Approved Vendor solicitation stipulations, the low bid process performed has been determined to provide the best value to the District by comparing multiple State of Utah Cooperative Contracts vendor bids.

Approval Requested: Consider approval for the purchase of a Vactor 2100i combination single engine sewer cleaner with vacuum system mounted on a Freightliner 114SD heavy duty truck and chassis in the amount of \$448,304.83.



Figure 1 - Vactor 2100i installed on heavy duty truck and chassis.



Wastewater Equipment Purchase Approval



2008 South 3000 West • P.O. Box 701110 • West Valley City, Utah 84170-1110 • Phone (801) 968-3551 • Fax (801) 968-5467 • www.ghid.org

Memorandum

Date: January 13, 2021
To: Jason Helm, P.E., General Manager
From: Ricky Necaize, Director of Wastewater Systems
Subject: Purchase of Combination Sewer Cleaning Truck
Copy: Troy Stout, P.E., Assistant General Manager
Todd Marti, MPA, P.E., Assistant General Manager/District Engineer

During the 2021 Budget, the board approved \$450,000.00 for the purchase of a new combination truck to replace an existing unit that has met its optimal life cycle benefit. Purchase shall include procurement of a combination sewer clean mounted on a heavy duty truck chassis.

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- 1) Dawson Infrastructure Solutions \$449,798.00.
- 2) Owen Equipment / Premier Truck Group \$448,304.83.

Dawson Infrastructure Solutions (State Contract MA3254) - Includes Sewer Equipment Company upfit with installation on Freightliner 114SD truck and chassis for a total \$449,798.00.

Owen Equipment (State Contract MA2153) / Premier Truck Group (State Contract MA1480) - Includes purchase of Vactor 2100i including installation from Owen Equipment in the amount of \$335,876.83 and the purchase of a Freightliner 114SD truck and chassis in the amount of \$112,428.00 for a total of \$448,304.83. Owen Equipment requires customer to purchase truck and chassis directly from a manufacturer resulting in two separate purchase contracts.

State of Utah Approved Vendor – Cooperative Contract Stipulations

The vendors on this multiple award are listed in the Relate Contracts section below. Users are to review the contracts for available equipment and associated pricing. Users should determine the best value to their organization by comparing vendors.

Eligible Users must adhere to the following instructions:

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- Make sure to identify your organization as a government entity and provide the contract number in order to receive contract pricing.
- It is the responsibility of the User to ensure that the vendor is given the correct delivery and billing address.
- Users should return any invoice to the vendor reflecting incorrect pricing. Other items or services that are not listed on the contract must be invoiced separately.

In compliance with State of Utah Approved Vendor solicitation stipulations, the low bid process performed has been determined to provide the best value to the District by comparing multiple State of Utah Cooperative Contracts vendor bids.

Approval Requested: Consider approval for the purchase of a Vactor 2100i combination single engine sewer cleaner with vacuum system mounted on a Freightliner 114SD heavy duty truck and chassis in the amount of \$448,304.83.

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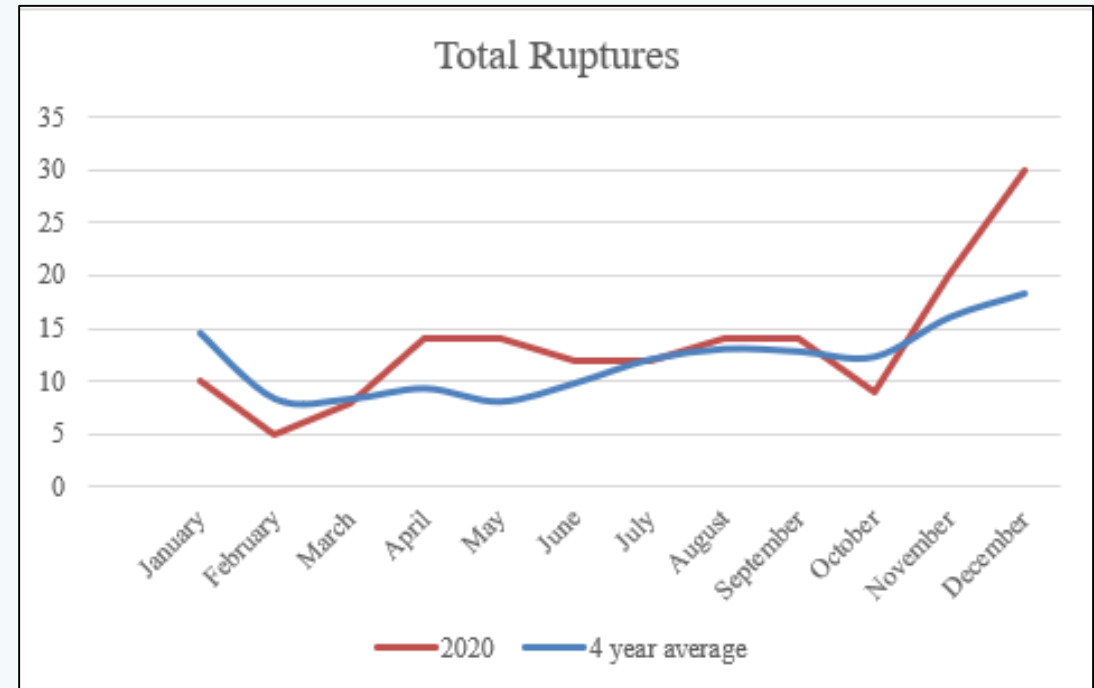
Water Maintenance Update

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	15	November	6	9	4	2	5	12	11	17	16	20
18	17	7	8	26	December	4	3	5	3	4	22	20	12	11	30
65	88	78	79	99	Totals to Date	57	59	49	54	63	122	147	127	133	162
65	88	78	79	99	Annual Totals	57	59	49	54	63	122	147	127	133	162
	+35%	-11%	+1%	+25%			+4%	-17%	+10%	+17%		+20%	-14%	+5%	+21.8%
	% Change from Prior Year					% Change from Prior Year					% Change from Prior Year				

Waterline breaks and leaks totaled 26 breaks and 4 service leaks in December 2020. The District experienced a higher-than-average number of breaks this December, and crews worked diligently to restore water services and keep our customers in water.

Four Year Average Trends

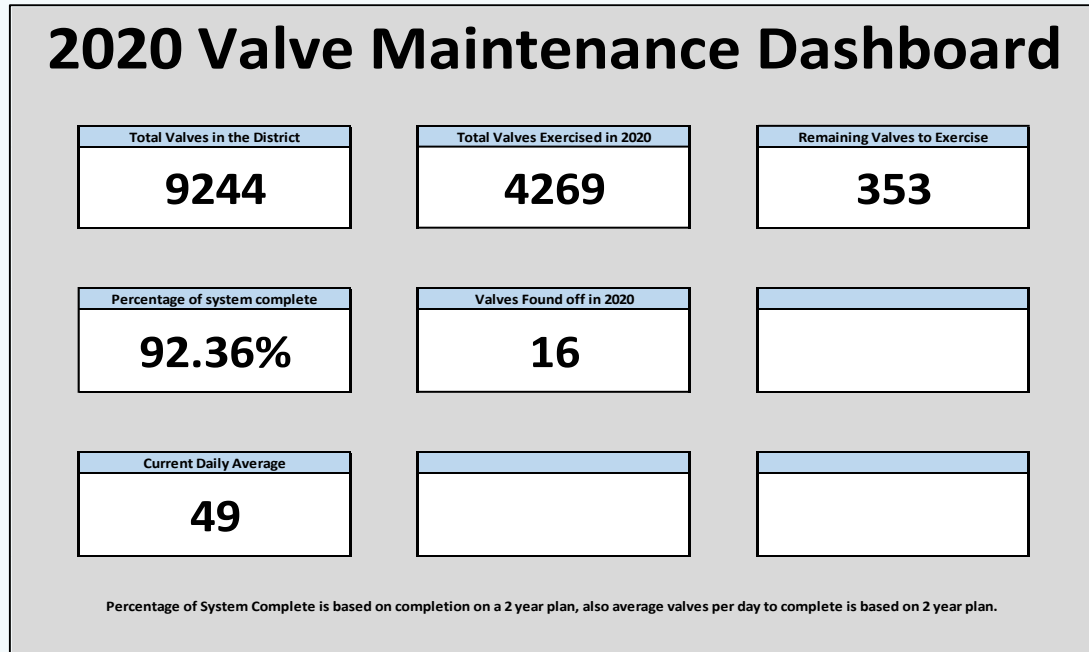


The District's breaks and leaks continued above the four-year trendline in December 2020.

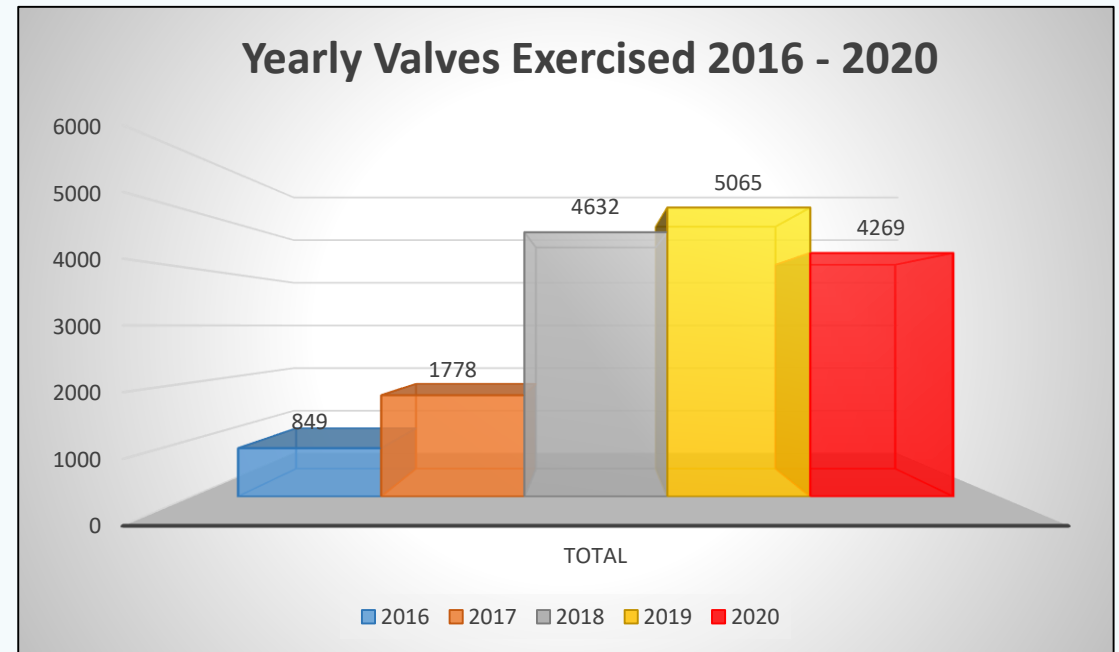


Water Maintenance Update

Valve Inspections



As of the end of December 2020, the District's valve crew has inspected and exercised 4,269 valves. The valve exercise program is on a two-year schedule to complete all the valves in the District. Currently, the valve crew is 92.36 percent complete for this year's valves to stay on track for our two-year plan.



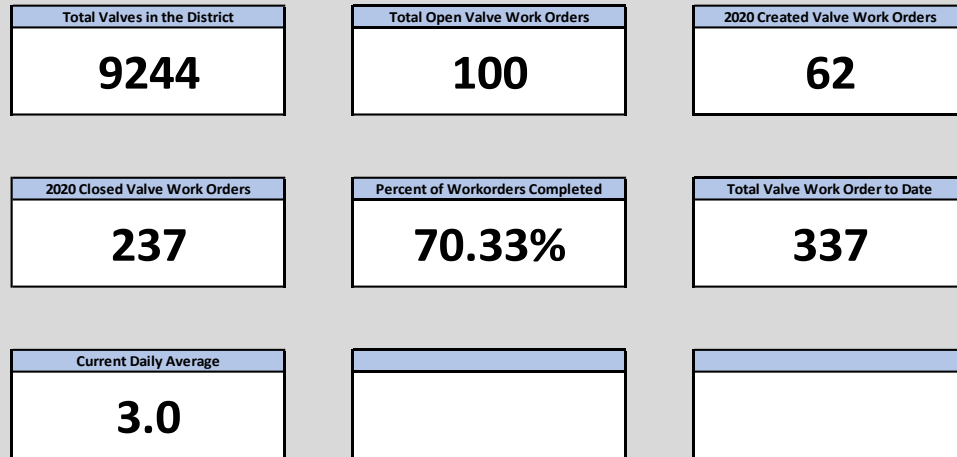
Above is a graph depicting the number of valves the District has exercised and inspected over the past five years. The District is currently on track to finish the year at or near the 2018 level of valves exercised.



Water Maintenance Update

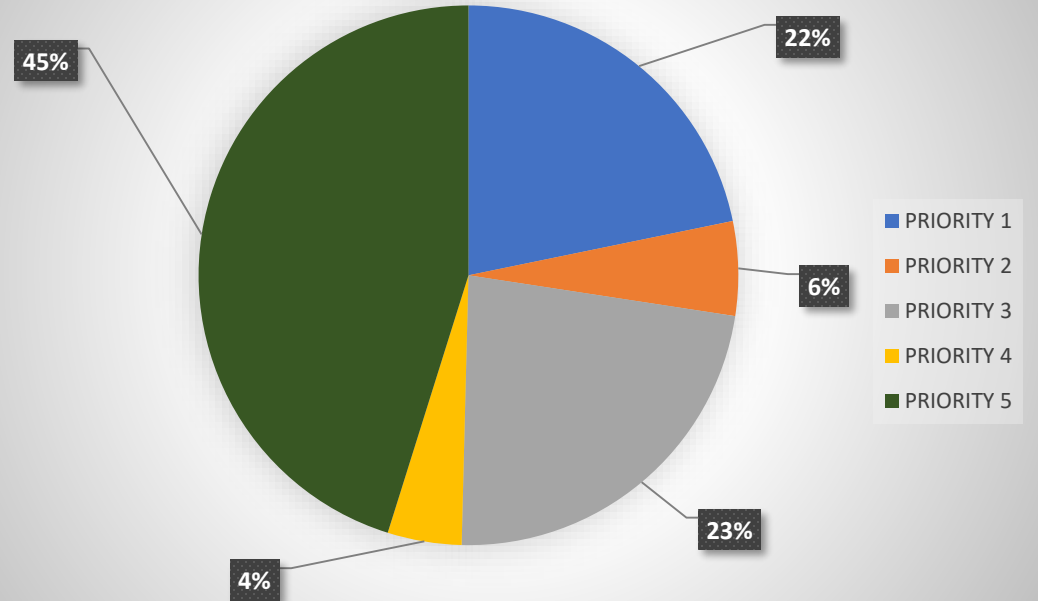
Valve Repair Crew

2020 Valve Repair Crew Workorders Dashboard



To date the District's valve repair crew has located and repaired 237 valves representing approximately 70.33 percent of the open valve work orders completed in 2020.

PRIORITY TOTAL FOR THE YEAR



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.

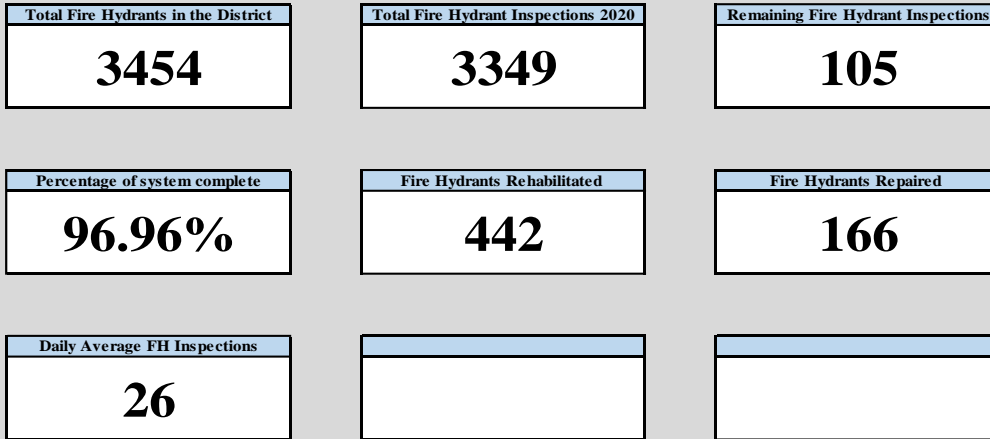
Priority 5: Locating valves that may be buried or misplaced on our map.



Water Maintenance Update

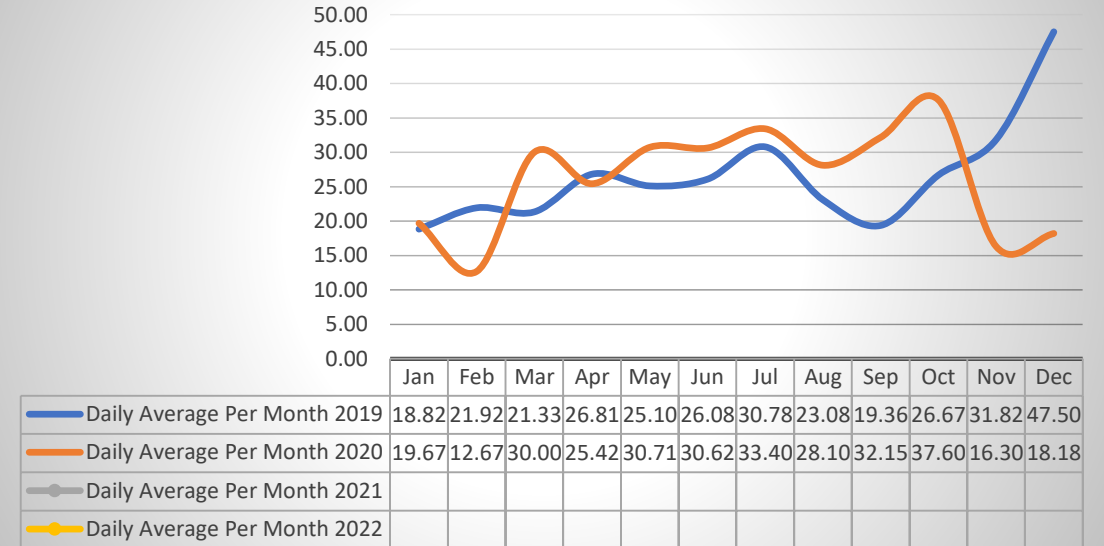
Fire Hydrant Maintenance

2020 Fire Hydrant Maintenance Dashboard



The District completed 96.96 percent of our fire hydrant inspections in 2020, completing the year 105 fire hydrant inspections shy of our goal of 3,349 fire hydrant inspections.

Daily Average FH Inspections Per Month



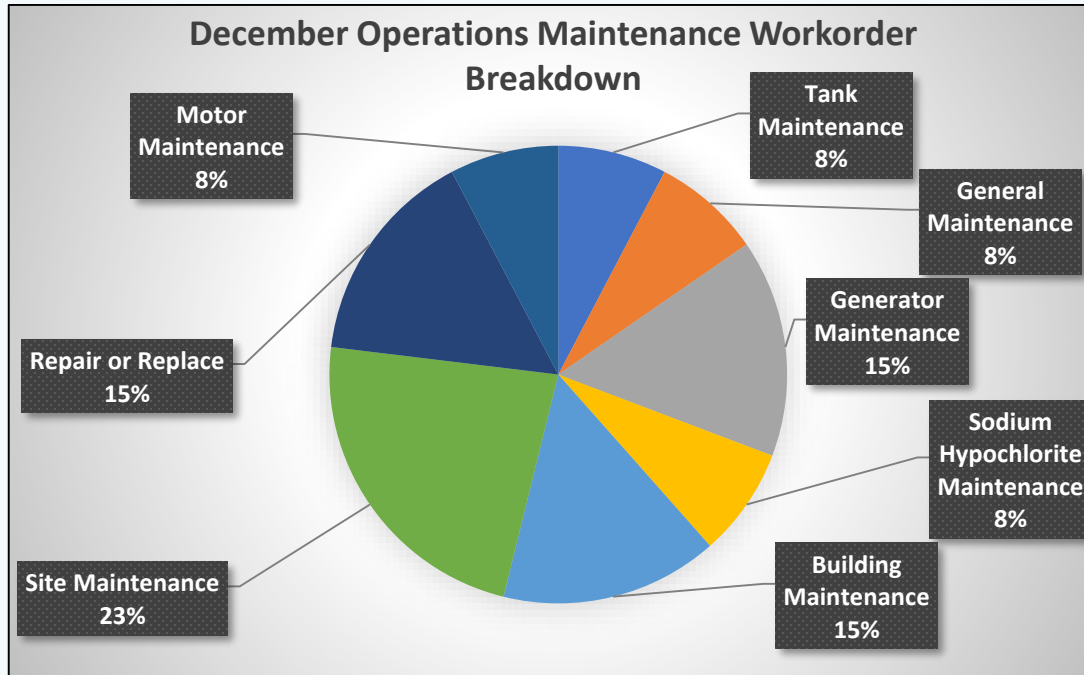
The above graph is the daily, average, fire hydrant inspections per month for 2019 and 2020.



Water Maintenance Update

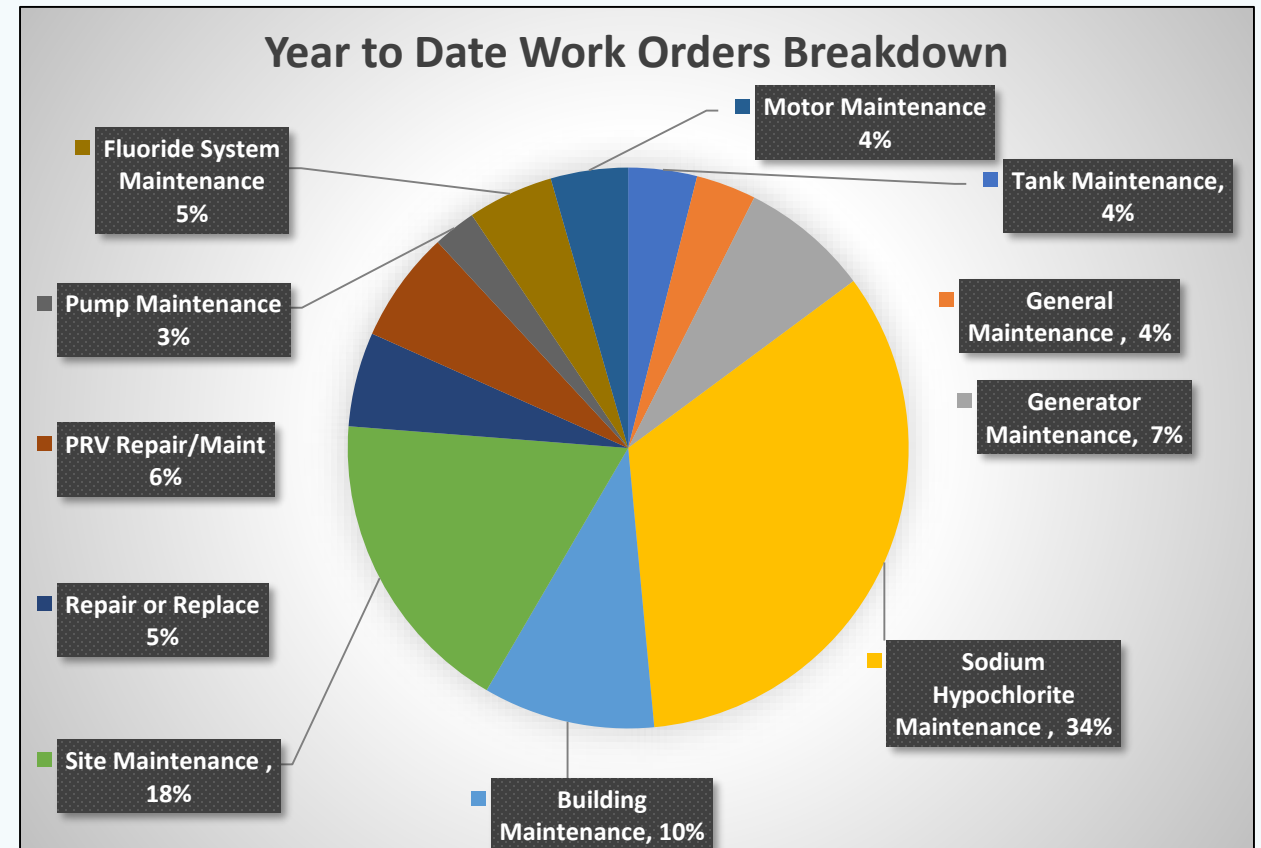
Operations Maintenance

In December, the water operation maintenance crew completed 18 PRV inspections and 25 preventative water site inspections. The water maintenance crew also completed 13 work orders, which includes:



- 1 Tank Maintenance
- 1 General Maintenance
- 2 Generator Maintenance
- 1 Sodium Hypochlorite Maintenance
- 2 Building Maintenance
- 3 Site Maintenance
- 2 Repair or Replace
- 1 Motor Maintenance

Year End Work Order Totals



The above chart is a representation of work order categories completed and the percentages of each category completed for 2020.



Wastewater Maintenance Update

Wastewater Maintenance Report

- Wastewater Maintenance –The WW Maintenance staff focused on the annual manhole inspections. There was also the near blockage on one of our trunk lines, where a contractor dropped asphalt down a manhole and nearly blocked the entire channel off with the asphalt.
- Wastewater Pumps Stations – The WWPS staff worked on routine proactive maintenance and reactive repair and replace maintenance. The wipes got the best of one of our grinders and completely jammed it, causing it to trip and not operate anymore.
- Pretreatment - Pretreatment is researching and performing data analysis, trying to figure the cause of the increase in TSS at the interceptor. Collecting data, performing District wide sampling, and research should help resolve the higher levels of TSS at the source. This research will allow the District to set reasonable benchmarks and focus on intentionally lowering the TSS levels.



Wastewater Maintenance Update

Depicts 2020 totals for the Wastewater Maintenance Division

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	858,955	521,432	28,343	100,258	889,700
% of Pipe Cleaned	53.51 %				
% of Pipe Inspected	32.49 %				



This image depicts hot asphalt that was dropped into a manhole that had hardened at Hunter Park. This happened when paving for the MVC project was performed. It was restricting flow and beginning to plug off the 18" sewer main on 3500 S.



This image depicts the asphalt that was removed from the manhole at Hunter Park. The picture doesn't do much justice, but the contractor removed approximately ten 5-gallon buckets of asphalt



This image depicts the manhole after the asphalt was removed from the manhole and displays what it looks like under normal operation.



Wastewater Maintenance Update



This is a Channel Grinder (Muffin Monster) we pulled in December. You can see the rags and wipes that have accumulated.



We had to use a hammer and chisel to remove the wipes from between the cutters on the Muffin Monster. You can see the wipes between the cutters.



This picture shows how the Muffin Monster should look under normal conditions without the wipes between the cutters.



Wastewater Maintenance Update

GHID Interceptor 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	10.68	237.86	228.71	279.00	254.00	199.00	203.29	252.57	276.57
Nov	11.49	10.79	11.13	10.79	221.71	245.86	210.86	231.14	202.29	202.29	240.14	250.71
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	12.17	211.85	222.36	233.30	233.01	181.34	201.11	199.82	247.50
Percent Change		-10%	8%	-5%	Percent Change	5%	5%	0%	Percent Change	11%	-1%	24%

Sewer Strength & Flow

