

These recommended improvements are summarized in Figure III-6. The projects with identified locations are shown in the Recommended Improvements exhibit in Appendix D.

Figure III-6: Summary of Recommended Source Improvements

Name/#	Flow (CFS)	Flow (gpm)	Est. Year Installed
<b>Wells</b>			
Treatment Plan Shallow	0.178	80	2024
Treatment Plant Deep	0.267	120	2024
1-5 Year AZ Well Field	1.872	840	2026
1-5 Year UT Well Field	1.872	840	2026
6-10 Year AZ Well Field	2.139	960	2033
6-10 Year UT Well Field	2.139	960	2033
Trailhead Well 1	0.390	175	2034
Trailhead Well 2	0.390	175	2034
Hildale Groundwater Project PH I	0.780	350	2035
Hildale Groundwater Project PH II	0.780	350	2036
11-20 Year AZ Well Field	3.743	1,680	2039
11-20 Year UT Well Field	3.743	1,680	2039
Hildale Groundwater Project PH III	0.390	175	2040
<b>Total Projected New Source</b>	<b>18.683</b>	<b>8,385</b>	

The estimated schedule for the recommended improvements is based on projected growth and the anticipated project priority. It is recommended that the early projects be pushed forward as much as possible as funding options become available.

## E. SOURCE CAPACITY SUMMARY

Figure III-7 and Figure III-8 show the comparison between the available source capacity and the projected required source capacity. The available source capacity in Figure III-8 represents the source capacity available with the implementation of the recommended improvements including the various new wells required in each planning window.

Figure III-7: Projected Source Capacity with Existing Conditions

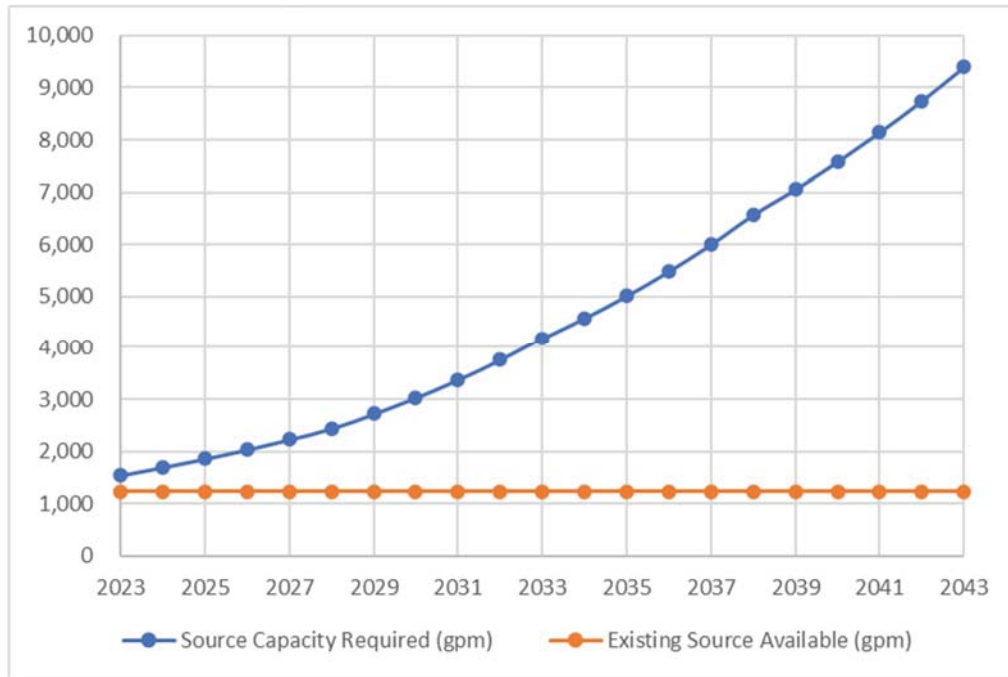
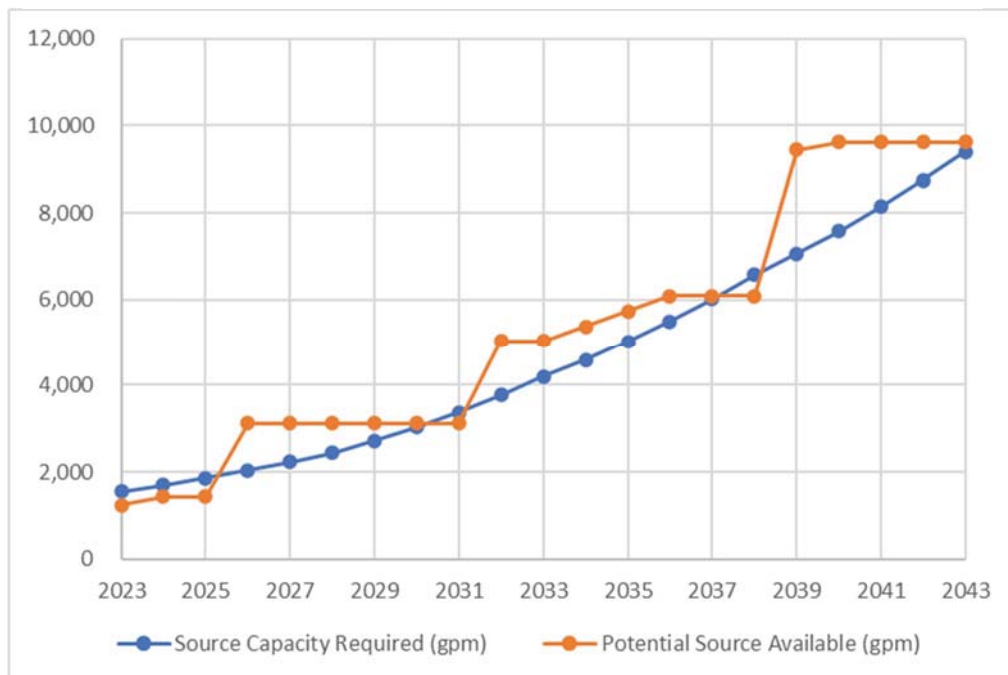


Figure III-8: Projected Source Capacity with Recommended Improvements



## IV. WATER STORAGE CAPACITY ANALYSIS

Water storage capacity requirements are found in the State of Utah Public Drinking Water Regulations, R309-510. These regulations require storage for the community's culinary water system to meet one full day's average use requirement for all connections in the community in addition to fire flows for a minimum of two hours.

### A. EXISTING WATER STORAGE CAPACITY

There are currently four existing water storage tanks. These tanks are identified in Figure IV-1 below. The Saddle Tank is higher than the other three, and it receives water from the springs. The outlet to the Saddle Tank is near the top of the tank allowing unpressurized outflow. In an emergency, there is a valve that can be opened to utilize the storage in the tank. The other three tanks all have the same high-water elevation and receive water from the wells through the treatment plant.

Figure IV-1: Storage Capacity Summary

Existing Tank	Available Storage (gal)
Saddle Tank	60,000
800,000 Gallon Tank	800,000
600,000 Gallon Tank	600,000
Elm Street Tank	1,000,000
<b>Total Existing Storage Capacity</b>	<b>2,460,000</b>

### B. EXISTING REQUIRED WATER STORAGE CAPACITY

As shown in Section II-E, average water usage per ERU also known as the Average Day Demand (ADD) in the water system is 846 gpd/ERU. In general, fire flow requirements are set by the local Fire Authority or are based on building size and type of construction. This plan uses the same minimum fire flow as the previous plans of 1,500 gpm.

The required storage capacity was calculated by multiplying the ADD by the total number of ERUs currently existing in the system and adding the required fire flow of 1,500 gpm for 2 hours. When compared with the system's total storage capacity summarized above, the calculation shows that the city has surplus total storage capacity under current conditions. The results of this analysis are shown in Figure IV-2.

Figure IV-2: Required Storage Capacity (Existing Conditions)

Total Required Storage Capacity	1,404,162 gal
Total Existing Storage Available	2,460,000 gal
Existing Storage Capacity Surplus	1,055,838 gal

### C. PROJECTED REQUIRED WATER STORAGE CAPACITY

The projected culinary water storage capacity required at the end of the planning period is determined from the same factors explained in Section IV.B, but the projected number of ERUs is inserted into the calculations instead of the number of existing ERUs. The results of the analysis are shown below in Figure IV-4 and Figure IV-5.

Figure IV-3: Required Storage Capacity (5-Year Planning Window)

Total Required Storage Capacity	1,756,821 gal
Total Existing Storage Available	2,460,000 gal
Existing Storage Capacity Surplus	703,179 gal

Figure IV-4: Required Storage Capacity (10-Year Planning Window)

Total Required Storage Capacity	3,196,811 gal
Total Existing Storage Available	2,460,000 gal
Existing Storage Capacity Deficit	-736,811 gal

Figure IV-5: Required Storage Capacity (20-Year Planning Window)

Total Required Storage Capacity	6,945,872 gal
Total Existing Storage Available	2,460,000 gal
Existing Storage Capacity Deficit	-4,485,872 gal

The current storage capacity is not able to provide enough water for the 10- and 20-year windows. Therefore, improvements will be required in the future.

### D. STORAGE CAPACITY CHALLENGES

The storage capacity analysis results show that the city has adequate storage for their current needs. However, with the growth the city is expecting, the required storage will surpass the currently available storage capacity. In addition, there are still some concerns and shortcomings with the existing storage facilities.

- During summer months water operators have expressed concerns that because they are barely able to meet system demands with the wells during the day, and are not able to keep the tanks full. Therefore, the system does not have the full available storage shown in the calculation above.
- The water system consists of a single pressure zone. There are multiple areas around the system within each of the community's limits that are at an elevation higher than the existing tanks can serve and still meet pressure requirements.

## E. RECOMMENDED WATER STORAGE CAPACITY IMPROVEMENTS

Improvements need to be made to provide storage for the projected growth. An analysis was done to determine the location of the ERUs at the end of the planning period based on the available information regarding upcoming development mentioned in Section II.B. The system was divided into six regions and the total projected ERUs were placed in their corresponding region. This resulted in the following total projected ERUs per region:

- Northeast: 251 ERUs
- Northwest: 5,305 ERUs
- Central East: 376 ERUs
- Central West: 345 ERUs
- Southeast: 1,630 ERUs
- Southwest: 327 ERUs

The results of this analysis was used to determine the location and size of the recommended storage improvements. Using the minimum sizing requirement of 846 gpd/ERU a storage requirement was calculated for each region. This results in the following approximate storage required for each region:

- Northeast: 215,000 Gallons
- Northwest: 4,500,000 Gallons
- Central East: 320,000 Gallons
- Central West: 300,000 Gallons
- Southeast: 1,400,000 Gallons
- Southwest: 280,000 Gallons

The areas that require the most storage is the Northwest and Southeast. The existing tanks are able to provide the storage required for the other four regions. To reach the required storage the system needs storage in the following locations:

- Northwest: 4,000,000 Gallons
- Southeast: 500,000 Gallons

This additional 4.5 million gallons of storage will reach the states minimum sizing requirements. To provide emergency storage this plan also recommends an additional 1 million gallons of storage. This plan recommends 4 different storage projects be installed within the planning period to provide this additional storage. The recommended projects are as follows:

### 1. 1 TO 5 YEAR IMPROVEMENTS

- Sandhill Tank 1 – This tank would be constructed above the Elm Street tank to create a higher-pressure zone that would cover the area north of Utah Avenue and east of the highway. This project would include a booster pump to get water to the tank and valving to create the new pressure zone. It is recommended this tank be at least a 2 million gallons.

## 2. 6 TO 10 YEAR IMPROVEMENTS

- There are no recommended improvements for this planning period.

## 3. 11 TO 20 YEAR IMPROVEMENTS

- Trailhead Tank - This tank would be installed on the same site as the two wells recommended in Section III-D in the area Squirrel Canyon. This tank would serve two purposes. First, it would collect the water from the proposed Trailhead Wells and the Hildale Groundwater Project wells. The second purpose is to create a higher-pressure zone on the northeast side of Hildale. This pressure zone would serve the existing services and new development up the canyons north of Williams Avenue. This plan recommends the tank capacity to be 500,000 gallons, but the capacity should be reevaluated after the city receives results on how much water can be obtained from Trailhead Well 1.
- South Concrete Tank – In the southeast region of Colorado City, additional storage is required to provide storage for the new developments that are anticipated to be built in the area. It is recommended that the tank be 1,000,000 gallons and installed to be at the same elevation as the existing tanks.
- Sandhill Tank 2 – Recently Hildale City annexed land west of the previous city limits. There are new developments for this area in the preliminary planning stages for this area and it is anticipated that these developments will be started within the planning window. This tank would be used to serve development in this area. This plan uses a recommended storage capacity of 2,000,000 gallons and anticipates that the tank will be located in a similar area and elevation as the Sandhill Tank 1. As these developments progress further along the planning stages it is recommended that the size and location of this tank be reevaluated.

These recommended storage improvements are summarized in Figure IV-5. Appendix D includes an exhibit showing the location of these improvements.

Figure IV-6: Summary of Recommended Storage Improvements

Proposed Tank	Available Storage	Recommended Elev. (ft)	Est. Installation Date
Sandhill Tank 1	2,000,000	5,340	2025
Trailhead Tank	500,000	5,270	2034
South Concrete Tank	1,000,000	5,160	2035
Sandhill 2 Tank	2,000,000	5,340	2038
Total Projected New Storage	5,500,000		

## F. STORAGE CAPACITY SUMMARY

Figure IV-7 and Figure IV-8 show the comparison between the available storage capacity and the projected required storage capacity. The available storage capacity in Figure IV-8 represents the storage capacity available with the implementation of the recommended improvements.

Figure IV-7: Projected Storage Capacity with Existing Conditions

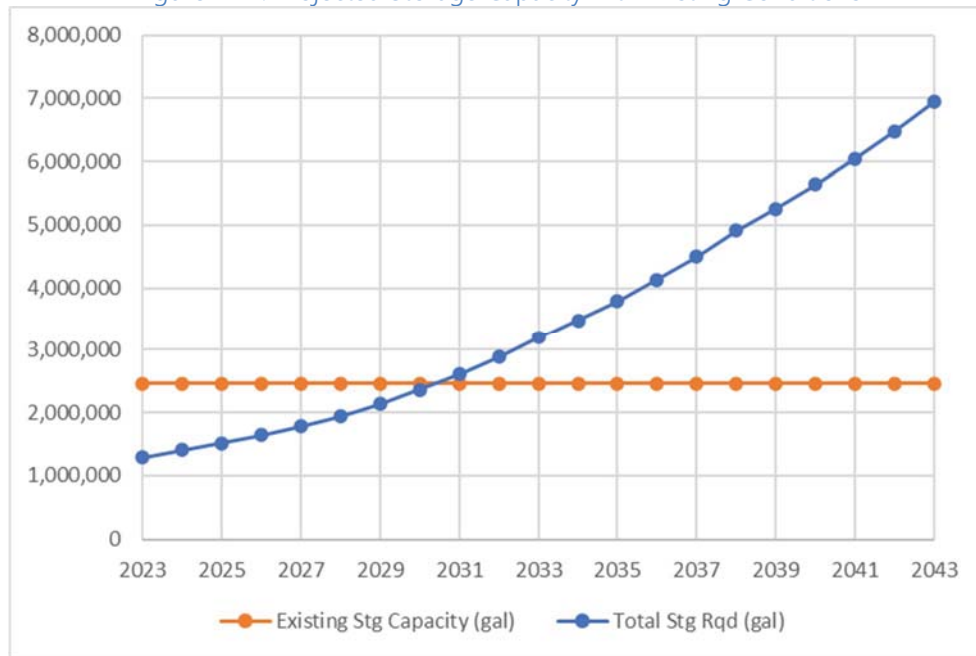
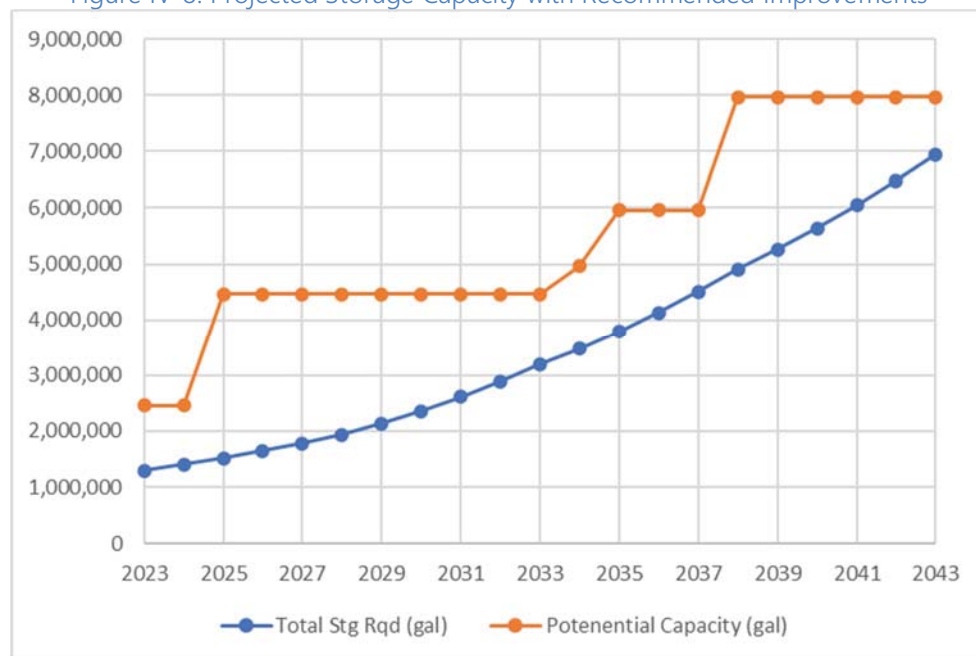


Figure IV-8: Projected Storage Capacity with Recommended Improvements



## V. WATER TREATMENT REQUIREMENTS AND ANALYSIS

### A. GENERAL REQUIREMENTS

The State of Utah Public Drinking Water Regulations, in accordance with the National Safe Drinking Water Act, have adopted “primary” regulations for the protection of public health and “secondary” regulations related to taste and aesthetics. The regulations recommend that all culinary water sources have provisions for continuous disinfection. Hildale and Colorado City have a culinary water treatment facility to treat the existing wells to meet the State’s requirements.

### B. EXISTING TREATMENT FACILITIES

The existing culinary water treatment plant uses a greensand filtration process which includes pretreating the water with potassium permanganate. The plant contains 6 pressure vessels designed to operate in parallel and treat 2,400 gpm. However, based on available data and communicating with system staff, the plant has demonstrated a functional capacity to treat approximately 2,000 gpm. The treatment plant needs to be able to treat more than the PDD so the system doesn’t run out of water. Figure V-1 below shows how the treatment plant capacity compares to the PDD.

Figure V-1: Required Treatment Capacity (Existing Conditions)

Total Required Source Capacity (PDD)	1,700 gpm
Total Existing Treatment Capacity	2,000 gpm
Existing Source Capacity Surplus	300 gpm

### C. PROJECTED WATER TREATMENT CAPACITY

As the communities continue to grow, the demands on the system will grow as well. The treatment plants will need to accommodate the increasing PDD. Below is a summary of the projected treatment capacity in relation to future treatment requirements.

Figure V-2: Projected Required Treatment Capacity (5-Year Planning Window)

Total Required Source Capacity (PDD)	2,440 gpm
Total Projected Treatment Capacity	2,000 gpm
Existing Treatment Capacity Deficit	-440 gpm

Figure V-3: Projected Required Treatment Capacity (10-Year Planning Window)

Total Required Source Capacity (PDD)	4,190 gpm
Total Projected Treatment Capacity	2,000 gpm
Existing Treatment Capacity Deficit	-2,190 gpm



Figure V-4: Projected Required Treatment Capacity (20-Year Planning Window)

Total Required Source Capacity (PDD)	9,397 gpm
Total Projected Treatment Capacity	2,000 gpm
Existing Treatment Capacity Deficit	-7,397 gpm

The existing treatment plant will not be able to treat enough water beyond the 5-year planning window. Improvements will need to be made to expand the treatment capacity in the near future.

#### D. RECOMMENDED WATER TREATMENT FACILITY IMPROVEMENTS

As mentioned before, the treatment plant has a surplus under existing conditions but will need to be improved within the next few years. The following recommendations are made to improve the treatment capacity:

##### 1. 1 TO 5 YEAR IMPROVEMENTS

- Raw Water Transmission Line - The raw water transmission lines which carry water from the wells to the treatment plant should be improved. These lines are old, undersized, and have iron and other mineral deposits adhering to the pipe. It is possible the amount of flow going to the treatment plant is restricted by these deposits. This project is a part of the Mohave County ARPA Water project and it is currently in the design phase. It is recommended that a new 12" transmission line be installed in Richard St. to convey water from the wells south of the treatment plant. It is also recommended that access points be installed that allow water operators to flush and clean out the lines on the new line and on the remaining existing raw water lines.
- Small Treatment Plant – The treatment capacity needs to be increased within the 5-year planning window, so it is recommended that a new treatment plant be constructed. This plant is recommended to treat approximately 1,600 gpm. There is no specific location selected for this plant, however it is recommended that it be built near the Power Plant well so that it can be incorporated into the culinary water system.

##### 2. 6 TO 10 YEAR IMPROVEMENTS

- There are no recommended improvements for this planning period.

##### 3. 11 TO 20 YEAR IMPROVEMENTS

- Additional Treatment Capacity Phase I - With the previous plant implemented, the treatment facilities will again be at a deficit again in the 11-20-year window. An additional 3,000 gpm will need to be added. This can be accomplished by either expanding the previous plant or building an entirely new plant. For planning purposes this report assumes

that a new treatment plant will be constructed. There is no location selected for a new plant, but once a well site study has been completed, it's recommended that the location be central to the additional wells that are constructed.

- Additional Treatment Capacity Phase II – In this planning window, an additional 3,000 gpm is necessary to be able to treat enough water for the system. There is no direct recommendation for this, however some options include improving the existing plant, expanding upon the Phase I Improvements, or constructing a new plant. The EOPC in Appendix C shows the cost of constructing a new plant.

This plan only identifies the deficit in treatment capacity and recommends general projects to make up the deficit. It does not include a detailed analysis or evaluation of treatment options or equipment.

## E. TREATMENT CAPACITY SUMMARY

Figure V-5 and Figure V-6 show the comparison between the available treatment capacity and the projected required treatment capacity. The available treatment capacity in Figure V-6 represents the treatment capacity available with the implementation of the recommended improvements.

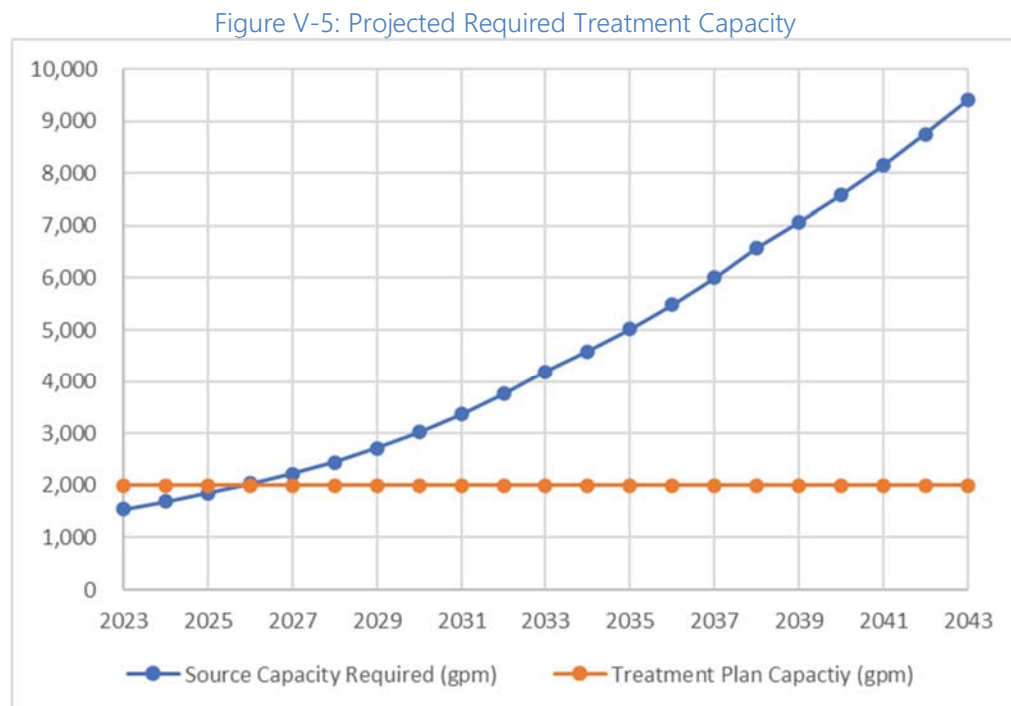
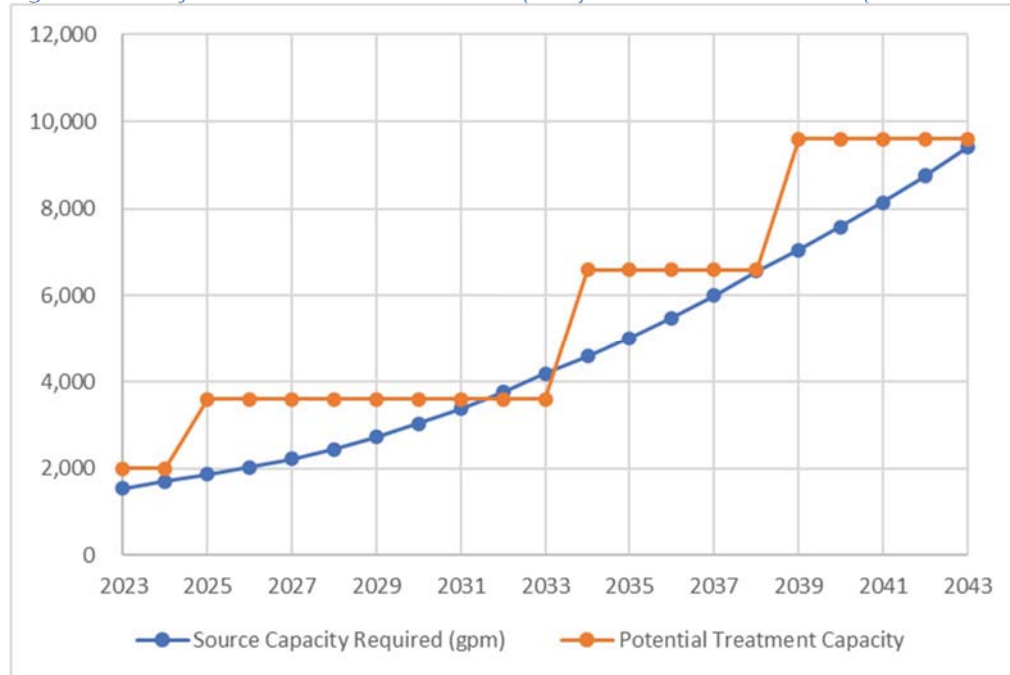


Figure V-6: Projected Available Treatment Capacity with Recommended Improvements



## VI. WATER DISTRIBUTION SYSTEM ANALYSIS

The State of Utah Public Water Regulations, R309-105-9, states three pressure conditions which must be met to demonstrate adequate service capacity of a system. These conditions are:

- At least 40 psi must be retained as residual pressure in the distribution system under a Peak Day Demand (PDD).
- At least 30 psi must be retained as residual pressure in the distribution system under Peak Instantaneous Demand (PID)
- At least 20 psi must be retained as residual pressure in the distribution system under PDD plus fire flow conditions.

### A. EXISTING DISTRIBUTION SYSTEM ANALYSIS

The existing PDD and PID were calculated in Section II. These flows are shown below:

- PDD – 1,692 gpd/ERU = 1,699 gpm with the existing number of ERUs
- PID – 2,446 gpm

As mentioned in Section IV.B, this report uses a fire flow of 1,500 gpm.

The existing Hildale and Colorado City culinary water distribution system has been modeled using the computer program WaterGEMS by Bentley Systems, Inc. For the existing system network there are areas which provide less than the required 40 psi of pressure for PDD, areas that provide less than 30 psi for PID, and areas that do not provide adequate fire flow. For the most part, the deficiencies in each of these requirements fall in the same areas of the system. Exhibits showing the areas of low pressure and fire flow are found in Appendix D. Below is a summary of these areas:

- Northwest Hildale (area between Utah Avenue and the Elm Street tank) – This area suffers from poor fire flow, lack of hydrants, and low pressure during PDD and PID. Fire flows in this area have been modeled as low as 253 gpm during PDD. This is largely the result of proximity to the elevation of the Elm St. tank. Pressures during PDD and PID are as low as 17 psi and 14 psi respectively.
- Northeast Hildale (area north of Jessop Avenue and west of Carlin Street) – This area suffers from poor fire flow, lack of hydrants, and low pressure during PDD and PID. Fire flows in this area have been modeled as low as 175 gpm during PDD. This is largely the result of proximity in elevation to the tanks, smaller line sizes, and lack of looping. Pressure during PDD and PID are as low as 27 psi and 21 psi respectively.
- East Colorado City (Between Edson Avenue and E Johnson Avenue) – This area suffers from poor fire flow and slightly low pressures during PDD and PID scenarios. Fire Flows

have been modeled as low as 544 gpm during PDD. This is largely due to the elevation of the area being too close to the same elevation of the existing tanks.

## **B. PROJECTED DISTRIBUTION SYSTEM ANALYSIS**

The projected distribution system analysis is performed using the same assumptions as in the existing system analysis, except that the projected number of connections for the 20-year planning window is inserted into the calculations. The results of this calculation for both PDD and PID are shown below:

- PDD – 1,531 gpd/ERU = 9,387 gpm with the projected number of ERUs
- PID – 11,412 gpm

The same water model that was used to examine the existing distribution system was used to analyze the scenarios of the projected system at the end of the 20-year window. With the relatively high projected growth rate, according to the model, the entire system does not meet the requirements of R309-105-9. The recommended improvements in Section V.D and Section VI.D and are intended to keep the system in compliance with the state code at the end of the 20-year planning window.

## **C. FIRE HYDRANTS**

State regulations require all new fire hydrants to be served from 8" diameter or larger pipelines unless it can be proven through the use of modeling that 6" lines are sufficient. There are several existing hydrants in the system that are on 6" or smaller pipes.

Utah state requirements also state that hydrants must be placed so no structure is further than 250 feet away from a hydrant. This means that generally, hydrants should be placed no more than 500 feet away from each other. There are numerous locations throughout the system where additional fire hydrants are needed to meet the required spacing.

## **D. RECOMMENDED DISTRIBUTION SYSTEM IMPROVEMENTS**

From the system deficiencies observed in the analysis, this plan recommends the following improvements:

### **1. 1 TO 5 YEAR IMPROVEMENTS**

- Fire Hydrants – Install additional fire hydrants to meet the minimum required spacing. In placing these new hydrants, some smaller lines will need to be replaced with 8" lines to meet the requirements mentioned above. It is recommended that this project replace all

undersized lines which are not already included in the other improvements. This project would help bring the system into compliance with fire flow requirements.

- Upper Pressure Zone Improvements – Install a new 8" diameter water main on Jessop Avenue and Newell Avenue from Juniper Street to Redwood Street. This will provide looping and help create the pressure zone that will be implemented with the new Sandhill Tank 1. This project involves disconnecting 6 North/South lines in Utah Avenue so all flow going south will flow through one PRV connecting the two pressure zones.
- Northwest Hildale Transmission Line – As mentioned in previous sections, Hildale City has recently annexed new land west of the current city boundary. Currently there is no water infrastructure in place to provide water to this area. A transmission line would need to be installed from the Sandhill 1 tank west to the new development areas. This plan assumes that this would need to be a 16" line from Sandhill Tank 1 to the edge of the new annexation area.
- Canyon Street Line – Install a new 8" water main in Canyon Street from Memorial Street to Newell Avenue. This would provide looping to the northeast Hildale area and help mitigate some of the low pressures and low fire flows. This water main would also act as a trunkline for delivering water from the new wells in the Hildale Groundwater Project and the Trailhead Wells.

## **2. 6 TO 10 YEAR IMPROVEMENTS**

- Hildale Street Line – Install a new 8" water main along Hildale Street from Academy Avenue to Cooke Avenue. This will provide looping to northern Colorado City and provide an additional line crossing the river.

## **3. 11 TO 20 YEAR IMPROVEMENTS**

- Southwest Hildale Transmission Line – As the area west of Hildale City is developed, an additional transmission line should be constructed to provide additional looping to the system. The size and exact location of this line will depend on the timing and location of new development in the west side of the city. Depending on how the area develops, it is possible that this project will be installed in the earlier planning window instead of the Northwest Hildale Transmission Line.
- Transmission Line to Airport – Install a new 12" line extending south on Township Avenue towards the airport. The purpose of this line is to provide water service to potential commercial and industrial developments.

These recommended improvements are summarized in Figure VI-1. Appendix D includes an exhibit showing the location of these improvements.

Figure VI-1: Summary of Recommended Distribution Improvements

Proposed Improvement	Est. Installation Date
Fire Hydrant Project	2024
Upper Pressure Zone Improvements	2026
Canyon Street Line	2028
Northwest Hildale Transmission Line	2028
Hildale Street Line	2030
Southwest Hildale Transmission Line	2040
Transmission Line to Airport	2042

## VII. WATER AVAILABILITY

A major concern for the community is long term availability of their water source. With the ongoing drought, this is a concern for most, if not all, communities in the surrounding counties. The following are ideas that the city could investigate to potentially lengthen the availability of water in the area. These ideas are not recommended improvements but starting points for future conversations.

### A. WATER CONSERVATION PROGRAM

Implementing a water conservation program is a good way to reduce current water usage and prolong water availability as well as defer the need for some water infrastructure improvements. A conservation program is cheap in that it does not require any construction of infrastructure prior to implementation. Below is a potential list of items that could be included in such a program:

- Provide education on how much water local grasses and trees require and encourage residents to limit outdoor watering to not exceed what is needed.
- Perform a “water audit” on city owned irrigation to determine if outdoor water use could be reduced on city owned property.
- Look into capturing rainwater for outdoor watering. (This would require some investigation on how much water Utah and Arizona will allow to be captured and used)
- Provide incentives for residents to change their existing landscaping to something which requires less water such as Xeriscape.
- Add water conservation language in the Building and Zoning Codes

### B. CONSTRUCTION WATER

Currently construction water is typically obtained from fire hydrants. This means that the construction in town typically uses culinary water for construction. This may not be a major usage of the culinary water system, but there may be some inexpensive options to provide non culinary grade water for use as construction water.

The Power Plant Well is currently unavailable for use in the culinary water system. This well could be set up with a connection to provide non culinary grade construction water. While this option does alleviate some strain from the culinary water system, it is still using the same aquifer (source) that the culinary water system is using.

### C. RECYCLE BACKWASH WATER AT TREATMENT PLANT

Part of the process of the existing treatment plant includes backwashing the filters occasionally with clean, culinary grade water. Currently the backwash water is sent into the sewer system which is common in many similar plants. It is possible to capture the backwash water, reuse a portion of it, and send it back through the plant. This option saves a minimal amount of water, backwashes do not happen frequently, and they do not use a large amount of water per backwash. However,



this adjustment would save water and should be considered when making future improvements to the treatment facility.

#### **D. SECONDARY WATER SYSTEM**

Implementing a secondary water system would be a major benefit to the culinary water system. A secondary system in Hildale and Colorado City would reduce the culinary water use by roughly 40%. This reduction would greatly help with the deficiencies discussed in previous sections of this plan. However, constructing a new water system from the ground up is not cheap, and the added irrigation user rate needed to implement a new system would increase most customer water bills. It is possible to install a complete system in phases or install a small system just for parks or specific high outdoor use areas.

#### **E. WASTEWATER REUSE**

Treating wastewater for reuse is an option that would provide more water which is not coming from the same sources as the culinary water system. Treating wastewater sufficiently to be used for human consumption is very expensive and not likely practical for Hildale and Colorado City. However, reuse could be used for things such as construction water or irrigation for parks and agriculture that is not for human consumption. Treatment to this level is cheaper and may provide a cost-effective alternative for the city.

#### **F. INSTALLING AUTOMATIC METERING**

Installing instant read smart meters in the system would provide multiple benefits such as providing accurate usage data, acting as a leak detection system, and educating water users on their usage to encourage conservation. Smart metering can record usage to provide actual data for finding the ADD, PDD, and PID.

## VIII. SUMMARY OF RECOMMENDED IMPROVEMENTS

### A. PRIORITY OF IMPROVEMENTS

Figure VIII-1 shows a summary of the proposed improvements with the estimated cost for the project in today's dollars, the estimated year the improvements will be installed and the estimated cost of the project accounting for inflation. This plan uses an assumed inflation rate of 3%.

Figure VIII-1: Summary of Recommended Improvements

Project	Cost Estimate	Est Year of Installation	Cost Estimate With Inflation
<b>Source Improvements</b>			
Treatment Plant Wells	\$ 1,288,700	2024	\$ 1,327,400
5 Year Arizona Well Field	\$ 3,333,400	2024-2028	\$ 3,642,500
5 Year Utah Well Field	\$ 6,923,700	2024-2028	\$ 7,565,700
10 Year Arizona Well Field	\$ 3,809,600	2029-2033	\$ 4,970,700
10 Year Utah Well Field	\$ 7,912,800	2029-2033	\$ 10,324,400
Trailhead Well 1	\$ 2,445,300	2034	\$ 3,384,900
Trailhead Well 2	\$ 1,713,100	2034	\$ 2,371,300
Hildale Groundwater Project PH I	\$ 3,793,500	2035	\$ 5,408,600
Hildale Groundwater Project PH II	\$ 4,220,100	2036	\$ 6,197,400
Hildale Groundwater Project PH III	\$ 3,105,400	2040	\$ 5,132,800
20 Year Arizona Well Field	\$ 6,666,800	2033-2042	\$ 11,690,300
20 Year Utah Well Field	\$ 13,847,400	2033-2042	\$ 24,281,500
Source Subtotal	\$ 59,059,800		\$ 86,297,500
<b>Storage Improvements</b>			
Sandhill Tank 1	\$ 5,938,100	2025	\$ 6,299,700
Trailhead Tank	\$ 2,875,500	2034	\$ 3,980,400
South Concrete Tank	\$ 4,432,500	2035	\$ 6,319,700
Sandhill Tank 2	\$ 6,475,100	2038	\$ 10,088,000
Storage Subtotal	\$ 19,721,200		\$ 26,687,800
<b>Treatment Improvements</b>			
Raw Water Transmission Line	\$ 1,092,500	2024	\$ 1,125,300
Small Treatment Plant (1,600 gpm)	\$ 5,904,800	2025	\$ 6,264,400
Additional Treatment Capacity PH1	\$ 8,739,000	2034	\$ 12,096,800
Additional Treatment Capacity PH2	\$ 10,312,200	2039	\$ 16,548,100
Treatment Subtotal	\$ 19,051,200		\$ 36,034,600
<b>Distribution Improvements</b>			
Fire Hydrant Project	\$ 1,733,500	2024	\$ 1,785,500
Upper Pressure Zone Improvements	\$ 846,500	2026	\$ 925,000
Canyon St. Line	\$ 388,900	2028	\$ 450,800
Northwest Hildale Transmission Line	\$ 1,977,400	2028	\$ 2,292,300
Hildale St. Line	\$ 454,390	2030	\$ 558,800
Southwest Hildale Transmission Line	\$ 903,800	2040	\$ 1,493,800
Transmission Line to Airport	\$ 2,039,350	2042	\$ 3,576,000
Distribution Subtotal	\$ 8,343,840		\$ 11,082,200
<b>Grand Total</b>	<b>\$ 106,176,040.00</b>		<b>\$ 160,102,100.00</b>

The detailed cost estimate for each project is located in Appendix C.

## IX. POSSIBLE FINANCING PLAN

The purpose of this possible finance plan is to show what a funding plan may look like to pay for the projects recommended for 2024. The city may also choose to complete the improvements in separate smaller projects. The projects are assumed to be paid with loan and grant money. It should be noted that agencies may require some amount of self-participation in order to provide funding. This plan assumes a 10% self-participation match.

Figure IX-1 outlines a possible financing plan from the Utah Division of Drinking Water (DDW). This plan assumes 20% of the funding from DDW will be grant and 70% will be loan with the remaining 10% as self-participation. The loan is assumed to be at a 4% interest rate and payback term of 20 years. It is possible a lower interest rate or higher portion of grants will be available. It is recommended that as the city prepares to start this project they contact DDW and other funding agencies such as the Water Infrastructure Finance Authority of Arizona, US Department of Agriculture - Rural Development, or the Utah Community Impact Board to determine what funding is available and where they can get the best financing terms.

The possible financing plan shown in Figure IX-1 results in an annual loan payment of \$224,525. This annual payment along with other O&M expenses for the water system, would require an average monthly charge for culinary water user rates to be \$51.35 per ERU.

The city is looking into adjusting their culinary water impact fees. A majority of the recommended improvements in this plan are fully or partially Impact Fee eligible. Collecting impact fees would help to fund the recommended improvements.

Figure IX-1: Possible Financing plan

HILDALE CITY/TOWN OF COLORADO CITY					
POSSIBLE FINANCING PLAN 2024 projects					
<b>Total Project Cost (Construction + Professional Services):</b>					<b>\$ 4,238,200</b>
<b>Proposed Funding:</b>	<b>% of Proj.</b>	<b>Rate</b>	<b>Term</b>	<b>Principal</b>	<b>Est. Payment</b>
Self Participation	10%			\$ 423,820.00	
DDW Grant	20%			\$ 762,876.00	
DDW Loan	70%	4.00%	20	\$ 3,051,504.00	\$224,535.01
<b>TOTAL PROJECT ANNUAL PAYMENT (2023):</b>					<b>\$224,535.00</b>
<b>O&amp;M EXPENSES: (First Year of New Debt Service Payment)</b>					
Office Expenses and Travel				\$	38,867.63
Repairs and Maintenance				\$	375,825.72
Utilities				\$	189,954.97
Legal and Professional Fees				\$	68,482.00
Renewal and Replacement Fund					\$0
Interest Income				\$	(5,962.58)
<b>Subtotal Expenses:</b>					<b>\$667,168</b>
<b>EXISTING DEBT SERVICE</b>					
Existing Debt Service					\$0
<b>Subtotal Existing Annual Debt Service:</b>					<b>\$0</b>
<b>GRAND TOTAL EXPENSES:</b>					<b>\$891,703</b>
<b>ANNUAL INCOME</b>					
Impact Fees Expended for 2023 Projects				\$	-
Total Number Of <u>ERU</u>					1,447
Average Monthly Water User Rate/ERU					<b>\$51.35</b>
Charges for Services, Fees, etc.					\$891,703
<b>GRAND TOTAL INCOME:</b>					<b>\$891,703</b>

## X. IMPACT FEE ANALYSIS

This plan constitutes an Impact Fee Facilities Plan (IFFP) and Impact Fee Analysis (IFA) for Hildale City and Infrastructure Improvements Plan for the Town of Colorado City. The Utah Administrative Code allows a community to charge an impact fee to provide funding for the projects required by this growth. The Arizona Administrative Code allows a community to charge a development fee to provide funding for the projects required by this growth. This plan was developed to have the fee comply with both the Utah Administrative Code and the Arizona Revised Statutes and uses the term "impact fee" to refer to development fee in Colorado City as well as the impact fees in Hildale City.

The plan identifies the existing demands on the system as well as future demands which will be placed on the system due to growth. The total cost that is eligible for the impact fee assessment is equal to the portion of a planned project in the planning window that is attributed or caused by growth. The combined costs of these projects are divided by the projected number of new ERUs that will be added to the system. Impact fees can also cover debt service that is incurred by projects that provide excess capacity to be used for growth.

While this master plan uses a planning window of 20 years, the IFFP & IFA use a planning window of 10 years encompassing the start of 2024 to the end of 2033. This shorter window is based on regulations on impact fee collection and use. Impact fees must be encumbered within six years of their receipt according to Utah State Impact Fee law and within 10 years of receipt according to Arizona State Development Fee law. This plan accounts for all incoming fees to be encumbered for eligible projects and debts in the continuous six-year window to satisfy the more stringent law.

### A. EXISTING IMPACT FEES

Currently, neither community charges a culinary water Impact Fee.

### B. LEVEL OF SERVICE

Impact Fee laws prohibit the use of Impact Fees to increase the level of service beyond that which is currently provided. This requires a determination of the existing level of service upon which to base future improvements. The existing level of service provided by the culinary water system, and which was used to evaluate the system in previous sections of the report, is the Utah State Code minimum sizing requirements.

### C. PROPORTIONATE SHARE ANALYSIS

Impact fee laws in Utah and Arizona require that only that portion of the facility, whether existing, new, or future, that is required for growth may be included in the impact fee calculations. A proportionate share analysis must be made of all the facilities to determine a reasonable and logical ratio of cost for each improvement.

## 1. WATER SOURCE

The analysis in Section III shows that the existing system has a source capacity deficit of 465 gpm. Because this is an existing deficiency, the recommended improvements that fix this deficiency are not impact fee eligible. It is anticipated that the deep and shallow treatment plan wells are projected to provide 200 gpm which is less than the existing deficit of 465 gpm and therefore are considered non-impact fee eligible. The 5-Year well field for Utah and Arizona combined are projected to provide 1,680 gpm. This will bring the capacity above the 465 deficit and provide an additional 1,435 gpm. The additional 1,435 gpm above the existing capacity deficit is additional source capacity that is needed for the projected growth and therefore impact fee eligible. This results in both the 1-5 Year Arizona Well Field and 1-5 Year Utah Well Field projects being 84.3% impact fee eligible.

All of the other wells projects within the 10 year planning period provide additional source that is needed for the projected growth and are considered 100% impact fee eligible. This includes the following projects:

- 10 Year Arizona Well Field
- 10 Year Utah Well Field

## 2. WATER STORAGE

Only one water storage project is in the 10-year planning window, Sandhill Tank 1. The storage that is provided by this tank is needed for the projected growth. Therefore, the tank is considered 100% impact fee eligible.

## 3. WATER TREATMENT

The Raw Water Transmission Line is an improvement recommended in the water treatment section. This project helps with the operation and maintenance of the raw water line to the existing treatment plant and does not provide additional treatment capacity. Because this project does not provide any additional treatment capacity needed for the projected growth it is not considered impact fee eligible.

This plan has one recommended improvement to water treatment that will add to the treatment capacity. The Small Treatment Plant provides additional treatment capacity that is needed for the projected growth and is considered 100% impact fee eligible.

## 4. WATER DISTRIBUTION

A majority of the proposed water distribution projects in the 10-year planning period serve to improve the existing level of service for the system users or provide currently needed fire flows. These projects are not considered impact fee eligible. However, there are a few projects that would extend the service area to allow for growth in areas that currently do not have access to the water system and therefore are unable to be developed. These projects include the following:

- Upper Pressure Zone Improvements. – This project provides increased pressures for the existing units located north of Utah Avenue. This is an area that has historically had issues with low pressures and will fix an existing deficiency. However, this project also allows for the system to extend further north and allow for growth and development in new areas. Because this project fixes existing deficiencies and allows for the extension of the system it is considered 50% impact fee eligible.
- Northwest Hildale Transmission Line – This project extends the system northwest of Hildale and allows for areas to be developed that currently do not have access to the culinary water system. Because this project provides an area for growth to occur it is considered 100% impact fee eligible.

## 5. FUTURE PLANNING

It is recommended that the capital facilities plan be updated every five (5) years. Since this plan update falls within the 10-year planning period, it is 100% impact fee eligible.

### D. ZONAL IMPACT FEES

For impact fees, Hildale and Colorado City each adopt their own impact fee ordinance for their corresponding communities. With the communities being in different states, they each have different Impact Fee laws that need to be followed for each ordinance. The recommended improvements also do not affect each community equally. Zonal impact fees were established with each community being its own zone.

With the projected growth in the 10-year planning window, it is expected there will be an additional 2,417 ERUs added to the system. Based on information currently available regarding future developments, it is anticipated that more of the additional ERUs will be located in Hildale than in Colorado City. For this reason, it is assumed that 55% of the 2,417 ERUs will be in Hildale, resulting in 1,330 ERUs. The remaining 1,088 additional ERUs, or 45%, will be located in Colorado City.

The Impact Fee Analysis will establish the impact fee eligible cost for each of the eligible projects and that cost will be divided amongst both zones based on the percentage of benefit that project provides to each zone.

### E. IMPACT FEE ANALYSIS

The total cost that is eligible for the impact fee assessment is equal to the portion of any planned water improvements project that will be constructed in the next 10 years to accommodate new growth. The combined total cost that is due to new growth is divided by the projected number of new ERUs that will be added to the system.

It is recommended that Hildale City and the Town of Colorado City begin charging impact fees per ERU. Figure X-1 shows the impact fee per meter size for Hildale and Figure X-2 shows the impact fee per meter size for Colorado City. Should a lower impact fee be adopted, the remaining construction cost deficit would need to be funded through other means. Appendix E contains the analysis performed to determine the impact fee.

Figure X-1: Maximum Zonal Impact Fee- Hildale

Meter Size	ERUs	Impact Fee
5/8" & 3/4"	1.00	\$ 12,580.00
1"	1.78	\$ 22,364.44
1 1/2"	4.00	\$ 50,320.00
2"	7.11	\$ 89,457.78
3"	16.00	\$ 201,280.00
4"	28.44	\$ 357,831.11
6"	64.00	\$ 805,120.00

Figure X-2: Maximum Zonal Impact Fee- Colorado City

Meter Size	ERUs	Impact Fee
5/8" & 3/4"	1.00	\$ 11,807.00
1"	1.78	\$ 20,990.22
1 1/2"	4.00	\$ 47,228.00
2"	7.11	\$ 83,960.89
3"	16.00	\$ 188,912.00
4"	28.44	\$ 335,843.56
6"	64.00	\$ 755,648.00

It is important to note that these impact fees are for the improvements summarized in this Plan and do not provide for the city to design and build anything beyond the proposed projects. All new additions to the system will need to be considered in the impact fee calculations. Otherwise, the developer should be required to make the improvements.

## F. IMPACT FEE CERTIFICATION

In general, it is beneficial to update this impact fee facilities plan and analysis at least every five years, or more frequently if drastic growth or changes affect the assumptions and data in this plan. It is assumed that this plan will be updated as recommended.



There are items relating to impact fees that Hildale City and the Town of Colorado City must consider when planning for, collecting, and expending impact fees in accordance with Utah Code 11-36a-101 and Arizona Code 9-463.05.

Staff from each community must understand that impact fees can only be expended for a system improvement that is identified in the Impact Fee Facilities Plan and that is for the specific facility type for which the fee was collected. Impact fees must be expended or encumbered for permissible use within six years of their receipt unless Utah Code 11-36a-602(2)(b) applies. Also, impact fees must have proper accounting (track each fee in and out) in accordance with Utah Code 11-36a-601 and Arizona Code 9-463.05.

In accordance with Utah Code 11-36a-306 a certification of impact fee analysis is in Appendix F.

# APPENDIX A

## Growth Rate Analysis

Population & Growth Rate								
Calendar Year	Est. Growth Rate	Hildale Population	Colorado City Population	Total Population	Hildale Connections	Colorado City Connections	Total Connections	Number of ERUs
2023		3,224	5,358	8,582	435	790	1,224	1,315
2024	10.0%	3,547	5,894	9,440	478	869	1,347	1,446
2025	10.0%	3,901	6,483	10,384	526	956	1,481	1,591
2026	10.0%	4,291	7,132	11,423	578	1,051	1,630	1,750
2027	10.0%	4,720	7,845	12,565	636	1,156	1,792	1,925
2028	10.0%	5,192	8,629	13,822	700	1,272	1,972	2,117
2029	12.0%	5,816	9,665	15,480	784	1,425	2,208	2,371
2030	12.0%	6,513	10,825	17,338	878	1,596	2,473	2,656
2031	12.0%	7,295	12,124	19,419	983	1,787	2,770	2,974
2032	12.0%	8,170	13,578	21,749	1,101	2,001	3,103	3,331
2033	12.0%	9,151	15,208	24,359	1,233	2,242	3,475	3,731
2034	10.0%	10,066	16,729	26,794	1,357	2,466	3,822	4,104
2035	10.0%	11,073	18,401	29,474	1,492	2,712	4,205	4,514
2036	10.0%	12,180	20,241	32,421	1,641	2,984	4,625	4,966
2037	10.0%	13,398	22,266	35,663	1,806	3,282	5,088	5,462
2038	10.0%	14,738	24,492	39,230	1,986	3,610	5,596	6,009
2039	8.0%	15,917	26,452	42,368	2,145	3,899	6,044	6,489
2040	8.0%	17,190	28,568	45,758	2,317	4,211	6,528	7,008
2041	8.0%	18,565	30,853	49,418	2,502	4,548	7,050	7,569
2042	8.0%	20,050	33,321	53,372	2,702	4,912	7,614	8,175
2043	8.0%	21,654	35,987	57,641	2,918	5,305	8,223	8,829

# APPENDIX B

## Water Use Analysis

Year	Total Usage (Thousand Gallons)	Number of Connections	Usage per Conn (gpd/conn)	Number of ERUs	Usage per ERU (gpd/ERU)
2018	303,105	863	962	848	979
2019	251,780	763	904	806	856
2020	285,109	799	978	855	914
2021	279,736	855	896	924	829
2022	309,026	1,113	761	1,195	708
5-Year Avg:	285,751	879	900	925	846
This Master Plan will use a historic daily usage of 846 gpd/ERU					

Peak Instantaneous Demand Calculations (State)			
Indoor Peak Instantaneous Demand			
Q=	$10.8 \times N^{.64}$		N= No. of ERU
2024	Q=	1,138	gpm
	Q=	1,132	gpd/ERU
Outdoor Peak Instantaneous Demand			
Irrigation Zone 5 =		9.04	gpm/Irrigated Acre
Irrigated Acres /ERU		0.1	Irrigated Acres/ERU
Q=	Irr Acres/ERU X Irr Zone FactorX No. ERU		
Example:			
2023	Q=	1,308	gpm

Current & Projected Required Source Capacity							
Year	# of ERU	Percent Reduction In Usage Per ERU	Peak Day Usage (gpd/ERU)	Source Capacity Required (gpm)	Existing Source Available (gpm)	Treatment Plant Capacity (gpm)	Source Capacity Surplus/Deficit (gpm)
2023	1,315	0.0%	1,692	1,545	1,234	2,000	(311)
2024	1,447	0.0%	1,692	1,700	1,234	2,000	(466)
2025	1,592	0.5%	1,684	1,861	1,234	2,000	(627)
2026	1,751	1.0%	1,675	2,037	1,234	2,000	(803)
2027	1,926	1.5%	1,667	2,229	1,234	2,000	(995)
2028	2,119	2.0%	1,658	2,440	1,234	2,000	(1,206)
2029	2,373	2.5%	1,650	2,719	1,234	2,000	(1,485)
2030	2,658	3.0%	1,641	3,029	1,234	2,000	(1,795)
2031	2,977	3.5%	1,633	3,376	1,234	2,000	(2,142)
2032	3,334	4.0%	1,624	3,761	1,234	2,000	(2,527)
2033	3,734	4.5%	1,616	4,190	1,234	2,000	(2,956)
2034	4,107	5.0%	1,607	4,584	1,234	2,000	(3,350)
2035	4,518	5.5%	1,599	5,017	1,234	2,000	(3,783)
2036	4,970	6.0%	1,590	5,489	1,234	2,000	(4,255)
2037	5,467	6.5%	1,582	6,006	1,234	2,000	(4,772)
2038	6,014	7.0%	1,574	6,572	1,234	2,000	(5,338)
2039	6,495	7.5%	1,565	7,059	1,234	2,000	(5,825)
2040	7,015	8.0%	1,557	7,583	1,234	2,000	(6,349)
2041	7,576	8.5%	1,548	8,145	1,234	2,000	(6,911)
2042	8,182	9.0%	1,540	8,749	1,234	2,000	(7,515)
2043	8,837	9.5%	1,531	9,397	1,234	2,000	(8,163)

$$Required\ Source\ Capacity = \#ERU \times \frac{gpd}{\#ERU} \times \frac{1\ Day}{24\ hr} \times \frac{1\ hr}{60\ min}$$



Storage Capacity Analysis												
Year	Number of ERUs	Percent Reduction In Usage Per ERU	Avg. Usage (gpd/ERU)	Storage Required (gal)	Fire Flow Stg Rqd (gal)	Existing Stg Capacity (gal)	Total Stg Rqd (gal)	Storage Capacity Surplus/Deficit (gal)	Project Name	Added Storage (gal)	Potential Capacity (gal)	Potential Surplus (gal)
2023	1315	0.0%	846	1,112,490	180,000	2,460,000	1,292,490	1,167,510	Sandhill Tank 1	2,000,000	2,460,000	1,167,510
2024	1447	0.0%	846	1,224,162	180,000	2,460,000	1,404,162	1,055,838			2,460,000	1,055,838
2025	1592	0.5%	842	1,340,098	180,000	2,460,000	1,520,098	939,902			4,460,000	2,939,902
2026	1751	1.0%	838	1,466,533	180,000	2,460,000	1,646,533	813,467			4,460,000	2,813,467
2027	1926	1.5%	833	1,604,955	180,000	2,460,000	1,784,955	675,045			4,460,000	2,675,045
2028	2119	2.0%	829	1,756,821	180,000	2,460,000	1,936,821	523,179			4,460,000	2,523,179
2029	2373	2.5%	825	1,957,369	180,000	2,460,000	2,137,369	322,631			4,460,000	2,322,631
2030	2658	3.0%	821	2,181,208	180,000	2,460,000	2,361,208	98,792			4,460,000	2,098,792
2031	2977	3.5%	816	2,430,393	180,000	2,460,000	2,610,393	-150,393			4,460,000	1,849,607
2032	3334	4.0%	812	2,707,741	180,000	2,460,000	2,887,741	-427,741			4,460,000	1,572,259
2033	3734	4.5%	808	3,016,811	180,000	2,460,000	3,196,811	-736,811	Trailhead Tank	500,000	4,460,000	1,263,189
2034	4107	5.0%	804	3,300,796	180,000	2,460,000	3,480,796	-1,020,796			4,960,000	1,479,204
2035	4518	5.5%	799	3,612,005	180,000	2,460,000	3,792,005	-1,332,005	South Concrete Tank	1,000,000	5,960,000	2,167,995
2036	4970	6.0%	795	3,952,343	180,000	2,460,000	4,132,343	-1,672,343			5,960,000	1,827,657
2037	5467	6.5%	791	4,324,452	180,000	2,460,000	4,504,452	-2,044,452	Sandhill Tank 2	2,000,000	5,960,000	1,455,548
2038	6014	7.0%	787	4,731,695	180,000	2,460,000	4,911,695	-2,451,695			7,960,000	3,048,305
2039	6495	7.5%	783	5,082,662	180,000	2,460,000	5,262,662	-2,802,662			7,960,000	2,697,338
2040	7015	8.0%	778	5,459,915	180,000	2,460,000	5,639,915	-3,179,915			7,960,000	2,320,085
2041	7576	8.5%	774	5,864,506	180,000	2,460,000	6,044,506	-3,584,506			7,960,000	1,915,494
2042	8182	9.0%	770	6,298,995	180,000	2,460,000	6,478,995	-4,018,995			7,960,000	1,481,005
2043	8837	9.5%	766	6,765,872	180,000	2,460,000	6,945,872	-4,485,872			7,960,000	1,014,128

$$Required\ Storage\ Capacity = \#ERU \times \frac{gpd}{\#ERU} + Fire\ Flow\ (1,500gpm) \times \frac{60\ min}{1\ hr} \times 2hr$$

## Water Distribution Analysis

Year	No. ERU	ADD (gpm)	PDD (gpm)	PID Indoor (gpm)	PID Outdoor (gpm)	PID Total (gpm)
2023	1,315	773	1,545	1,070	1,189	2,259
2024	1,447	850	1,700	1,138	1,308	2,446
2025	1,592	931	1,861	1,210	1,439	2,649
2026	1,751	1,018	2,037	1,286	1,583	2,869
2027	1,926	1,115	2,229	1,366	1,741	3,108
2028	2,119	1,220	2,440	1,453	1,916	3,368
2029	2,373	1,359	2,719	1,562	2,145	3,707
2030	2,658	1,515	3,029	1,679	2,403	4,082
2031	2,977	1,688	3,376	1,806	2,691	4,497
2032	3,334	1,880	3,761	1,941	3,014	4,955
2033	3,734	2,095	4,190	2,087	3,376	5,463
2034	4,107	2,292	4,584	2,219	3,713	5,931
2035	4,518	2,508	5,017	2,358	4,084	6,443
2036	4,970	2,745	5,489	2,507	4,493	7,000
2037	5,467	3,003	6,006	2,664	4,942	7,606
2038	6,014	3,286	6,572	2,832	5,437	8,269
2039	6,495	3,530	7,059	2,975	5,871	8,846
2040	7,015	3,792	7,583	3,125	6,342	9,467
2041	7,576	4,073	8,145	3,283	6,849	10,132
2042	8,182	4,374	8,749	3,449	7,397	10,845
2043	8,837	4,699	9,397	3,623	7,989	11,612



# APPENDIX C

## Engineers Opinion of Probable Cost

## Engineer's Opinion of Probable Cost

**Treatment Plant Wells**

Project Location: Colorado City

18-Oct-23

BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 37,800.00	\$ 37,800.00
2	Pre-Construction DVD and Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
3	GeoPhysical Logging	1	LS	\$ 15,000.00	\$ 15,000.00
4	Disinfection and Capping	1	LS	\$ 4,000.00	\$ 4,000.00
5	Well Driller's Report	1	LS	\$ 2,500.00	\$ 2,500.00
6	Site Restoration	1	LS	\$ 10,000.00	\$ 10,000.00
7	Misc. Electrical Improvements	1	LS	\$ 15,000.00	\$ 15,000.00
<b>DEEP WELL</b>					
8	Conductor Casing	100	LF	\$ 400.00	\$ 40,000.00
9	20" Diameter Well Drilling	700	LF	\$ 123.00	\$ 86,100.00
10	12" Diameter Well Drilling - Pilot Hole	700	LF	\$ 160.00	\$ 112,000.00
11	12" Well Casing	600	LF	\$ 170.00	\$ 102,000.00
12	2" Galvanized Tremie Pipe	100	LF	\$ 40.00	\$ 4,000.00
13	Furnish and Install Pea Gravel	400	LF	\$ 115.00	\$ 46,000.00
14	Bentonite Packer	1	LS	\$ 6,000.00	\$ 6,000.00
15	Conductor Casing Removal	1	LS	\$ 8,000.00	\$ 8,000.00
16	Flow Meter	1	EA	\$ 10,000.00	\$ 10,000.00
17	Initial Well Development	40	HR	\$ 700.00	\$ 28,000.00
18	Install Pump for Development and Testing	1	LS	\$ 40,000.00	\$ 40,000.00
19	Well Development and Pumping	80	HR	\$ 700.00	\$ 56,000.00
20	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
21	Well Head, Disinfection and Capping	1	LS	\$ 8,500.00	\$ 8,500.00
22	Well Pad and Pipping	1	LS	\$ 15,000.00	\$ 15,000.00
<b>SHALLOW WELL</b>					
23	Conductor Casing	1	LS	\$ 40,000.00	\$ 40,000.00
24	16" Diameter Well Drilling	120	LF	\$ 270.00	\$ 32,400.00
25	8" Well Casing	80	LF	\$ 100.00	\$ 8,000.00
26	8" Stainless Steel Screen	40	LF	\$ 300.00	\$ 12,000.00
27	2" Galvanized Tremie Pipe	20	LF	\$ 40.00	\$ 800.00
28	Instrument Pipe	120	LF	\$ 50.00	\$ 6,000.00
29	Furnish and Install Fine Silica Sand	120	LF	\$ 125.00	\$ 15,000.00
30	Bentonite Packer	1	LS	\$ 6,000.00	\$ 6,000.00
31	Conductor Casing Removal	1	LS	\$ 6,000.00	\$ 6,000.00
32	Sanitary Grout Seal	1	LS	\$ 150.00	\$ 150.00
33	Flow Meter	1	LS	\$ 10,000.00	\$ 10,000.00
34	Initial Well Development	40	HR	\$ 700.00	\$ 28,000.00
35	Install Pump for Development and Testing	1	LS	\$ 40,000.00	\$ 40,000.00
36	Well Development and Pumping	80	HR	\$ 700.00	\$ 56,000.00
37	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
38	Well Head, Disinfection and Capping	1	LS	\$ 8,500.00	\$ 8,500.00
39	Well Pad and Pipping	1	LS	\$ 15,000.00	\$ 15,000.00
<b>SUBTOTAL</b>					<b>\$ 951,250.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 190,300.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 1,141,600.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	4.3%	LS	\$ 55,000.00	\$ 55,000.00
2	Bidding & Negotiating	0.6%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.7%	HR	\$ 47,600.00	\$ 47,600.00
4	Topographic & Property Survey	0.4%	EST	\$ 5,000.00	\$ 5,000.00
5	Permitting	0.8%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.9%	EST	\$ 12,000.00	\$ 12,000.00
7	Miscellaneous Professional Services	0.8%	EST	\$ 10,000.00	\$ 10,000.00
<b>SUBTOTAL</b>					<b>\$ 147,100.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 1,288,700.00</b>

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## Engineer's Opinion of Probable Cost

**Trailhead Well 1**  
Project Location: Hildale City

18-Oct-23  
BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 83,600.00	\$ 83,600.00
2	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
4	Subsurface Investigation	4	HR	\$ 250.00	\$ 1,000.00
5	Materials Sampling & Testing	1	LS	\$ 7,500.00	\$ 7,500.00
6	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 10,000.00	\$ 10,000.00
8	Erosion Control Compliance	1	LS	\$ 7,500.00	\$ 7,500.00
9	Geophysical Survey	1	LS	\$ 20,000.00	\$ 20,000.00
10	Access and Drill Pad Construction	1	LS	\$ 145,000.00	\$ 145,000.00
11	Conductor Casing and Seal	100	LF	\$ 650.00	\$ 65,000.00
12	Drill 12" Pilot Borehole	600	LF	\$ 160.00	\$ 96,000.00
13	Drill 20" Reamed Borehole	600	LF	\$ 123.00	\$ 73,800.00
14	Geophysical Logging	1	LS	\$ 9,000.00	\$ 9,000.00
15	Well Installation - 12" Steel Casing	500	LF	\$ 170.00	\$ 85,000.00
16	Well Installation - 12" SS Screen 70 Slot	200	LF	\$ 350.00	\$ 70,000.00
17	Installation of Gravel Pack - 8-12	550	LF	\$ 115.00	\$ 63,250.00
18	Installation of Annular Grout Seal	150	LF	\$ 115.00	\$ 17,250.00
19	Initial Well Development	40	HR	\$ 750.00	\$ 30,000.00
20	Install Pump for Development and Testing	1	LS	\$ 42,000.00	\$ 42,000.00
21	Well Development by pumping	80	HR	\$ 425.00	\$ 34,000.00
22	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
23	Well Disinfecting	1	LS	\$ 5,000.00	\$ 5,000.00
24	Well Head	1	LS	\$ 2,500.00	\$ 2,500.00
25	Well Capping	1	LS	\$ 750.00	\$ 750.00
26	Roadway Restoration	48,000	SF	\$ 6.00	\$ 288,000.00
27	10" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	8,000	LF	\$ 72.00	\$ 576,000.00
28	10" Gate Valve Assembly	4	EA	\$ 5,000.00	\$ 20,000.00
29	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 1,798,650.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 359,700.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 2,158,400.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	4.5%	LS	\$ 110,000.00	\$ 110,000.00
2	Bidding & Negotiating	0.3%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.7%	HR	\$ 89,900.00	\$ 89,900.00
4	Topographic & Property Survey	0.7%	EST	\$ 17,500.00	\$ 17,500.00
5	Water Right Change Application	0.8%	EST	\$ 20,000.00	\$ 20,000.00
6	Funding and Administrative Services	0.5%	EST	\$ 12,000.00	\$ 12,000.00
7	Permitting	0.4%	EST	\$ 10,000.00	\$ 10,000.00
8	Miscellaneous Professional Services	0.8%	EST	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 286,900.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 2,445,300.00</b>

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## Engineer's Opinion of Probable Cost

**Trailhead Well 2**

18-Oct-23

Project Location: Hildale City

BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 32,000.00	\$ 32,000.00
2	Erosion Control Compliance	1	LS	\$ 5,000.00	\$ 5,000.00
3	Geophysical Survey	1	LS	\$ 20,000.00	\$ 20,000.00
4	Access and Drill Pad Construction	1	LS	\$ 50,000.00	\$ 50,000.00
5	Conductor Casing and Seal	100	LF	\$ 650.00	\$ 65,000.00
6	Drill 12" Pilot Borehole	600	LF	\$ 175.00	\$ 105,000.00
7	Drill 20" Reamed Borehole	600	LF	\$ 123.00	\$ 73,800.00
8	Geophysical Logging	1	LS	\$ 9,000.00	\$ 9,000.00
9	Well Installation - 12" Steel Casing	170	LF	\$ 170.00	\$ 28,900.00
10	Well Installation - 12" SS Screen 70 Slot	200	LF	\$ 350.00	\$ 70,000.00
11	Installation of Gravel Pack - 8-12	550	LF	\$ 115.00	\$ 63,250.00
12	Installation of Annular Grout Seal	150	LF	\$ 115.00	\$ 17,250.00
13	Initial Well Development	40	HR	\$ 750.00	\$ 30,000.00
14	Install Pump for Development and Testing	1	LS	\$ 42,000.00	\$ 42,000.00
15	Well Development by pumping	80	HR	\$ 425.00	\$ 34,000.00
16	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
17	Well Disinfecting	1	LS	\$ 5,000.00	\$ 5,000.00
18	Well Head	1	LS	\$ 2,500.00	\$ 2,500.00
19	Well Capping	1	LS	\$ 750.00	\$ 750.00
20	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	150	LF	\$ 65.00	\$ 9,750.00
21	8" Gate Valve Assembly	1	EA	\$ 2,900.00	\$ 2,900.00
22	Water Right Procurement	1	LS	\$ 650,000.00	\$ 650,000.00
<b>SUBTOTAL</b>					<b>\$ 1,326,100.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 265,200.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 1,591,300.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	2.6%	LS	\$ 45,000.00	\$ 45,000.00
2	Bidding & Negotiating	0.4%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	2.0%	HR	\$ 33,800.00	\$ 33,800.00
4	Topographic & Property Survey	0.2%	EST	\$ 3,500.00	\$ 3,500.00
5	Permitting	0.6%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.7%	EST	\$ 12,000.00	\$ 12,000.00
39	Miscellaneous Professional Services	0.6%	EST	\$ 10,000.00	\$ 10,000.00
<b>SUBTOTAL</b>					<b>\$ 121,800.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 1,713,100.00</b>

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## Engineer's Opinion of Probable Cost

Hildale Groundwater Project PH I  
Project Location: Hildale City

18-Oct-23  
BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 132,900.00	\$ 132,900.00
2	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
4	Subsurface Investigation	4	HR	\$ 250.00	\$ 1,000.00
5	Materials Sampling & Testing	1	LS	\$ 7,500.00	\$ 7,500.00
6	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 10,000.00	\$ 10,000.00
8	Erosion Control Compliance	1	LS	\$ 7,500.00	\$ 7,500.00
9	Geophysical Survey	1	LS	\$ 23,000.00	\$ 23,000.00
10	Access and Drill Pad Construction	1	LS	\$ 130,000.00	\$ 130,000.00
11	Conductor Casing and Seal	100	LF	\$ 650.00	\$ 65,000.00
12	Drill 12" Pilot Borehole	650	LF	\$ 175.00	\$ 113,750.00
13	Drill 20" Reamed Borehole	650	LF	\$ 123.00	\$ 79,950.00
14	Geophysical Logging	1	LS	\$ 9,000.00	\$ 9,000.00
15	Caliper	1	LS	\$ 6,500.00	\$ 6,500.00
16	Well Installation - 12" Steel Casing	550	LF	\$ 100.00	\$ 55,000.00
17	Well Installation - 12" SS Screen 70 Slot	200	LF	\$ 350.00	\$ 70,000.00
18	Installation of Gravel Pack - 8-12	600	LF	\$ 115.00	\$ 69,000.00
19	Installation of Annular Grout Seal	150	LF	\$ 115.00	\$ 17,250.00
20	Initial Well Development	40	HR	\$ 750.00	\$ 30,000.00
21	Install Pump for Development and Testing	1	LS	\$ 42,000.00	\$ 42,000.00
22	Well Development by pumping	80	HR	\$ 425.00	\$ 34,000.00
23	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
24	Well Disinfecting	1	LS	\$ 5,000.00	\$ 5,000.00
25	Well Head	1	LS	\$ 2,500.00	\$ 2,500.00
26	Well Capping	1	LS	\$ 750.00	\$ 750.00
27	Roadway Restoration	30,000	SF	\$ 7.75	\$ 232,500.00
28	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	5,000	LF	\$ 65.00	\$ 325,000.00
29	8" Gate Valve Assembly	8	EA	\$ 2,900.00	\$ 23,200.00
30	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 15,000.00	\$ 15,000.00
31	Water Right Procurement	1	LS	\$ 1,300,000.00	\$ 1,300,000.00
<b>SUBTOTAL</b>					<b>\$ 2,833,800.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 566,800.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 3,400,600.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	2.6%	LS	\$ 100,000.00	\$ 100,000.00
2	Bidding & Negotiating	0.2%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.0%	HR	\$ 113,400.00	\$ 113,400.00
4	Topographic & Property Survey	0.5%	EST	\$ 20,000.00	\$ 20,000.00
5	Funding and Administrative Services	0.3%	EST	\$ 12,000.00	\$ 12,000.00
5	Permitting	0.3%	EST	\$ 10,000.00	\$ 10,000.00
6	Environmental (Including Biological and Archeological) Report	0.9%	EST	\$ 35,000.00	\$ 35,000.00
8	BLM ROW Negotiation (SF299 Application & POD)	0.3%	EST	\$ 10,000.00	\$ 10,000.00
9	Miscellaneous Engineering Services	0.5%	EST	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 392,900.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 3,793,500.00</b>

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## Engineer's Opinion of Probable Cost

Hildale Groundwater Project PH II  
Project Location: Hildale City

18-Oct-23  
BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 152,000.00	\$ 152,000.00
2	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
4	Subsurface Investigation	4	HR	\$ 250.00	\$ 1,000.00
5	Materials Sampling & Testing	1	LS	\$ 7,500.00	\$ 7,500.00
6	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 10,000.00	\$ 10,000.00
8	Erosion Control Compliance	1	LS	\$ 7,500.00	\$ 7,500.00
9	Geophysical Survey	1	LS	\$ 23,000.00	\$ 23,000.00
10	Access and Drill Pad Construction	1	LS	\$ 130,000.00	\$ 130,000.00
11	Conductor Casing and Seal	100	LF	\$ 650.00	\$ 65,000.00
12	Drill 12" Pilot Borehole	650	LF	\$ 175.00	\$ 113,750.00
13	Drill 20" Reamed Borehole	650	LF	\$ 123.00	\$ 79,950.00
14	Geophysical Logging	1	LS	\$ 9,000.00	\$ 9,000.00
15	Caliper	1	LS	\$ 6,500.00	\$ 6,500.00
16	Well Installation - 12" Steel Casing	550	LF	\$ 100.00	\$ 55,000.00
17	Well Installation - 12" SS Screen 70 Slot	200	LF	\$ 350.00	\$ 70,000.00
18	Installation of Gravel Pack - 8-12	600	LF	\$ 115.00	\$ 69,000.00
19	Installation of Annular Grout Seal	150	LF	\$ 115.00	\$ 17,250.00
20	Initial Well Development	40	HR	\$ 750.00	\$ 30,000.00
21	Install Pump for Development and Testing	1	LS	\$ 42,000.00	\$ 42,000.00
22	Well Development by pumping	80	HR	\$ 425.00	\$ 34,000.00
23	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
24	Well Disinfecting	1	LS	\$ 5,000.00	\$ 5,000.00
25	Well Head	1	LS	\$ 2,500.00	\$ 2,500.00
26	Well Capping	1	LS	\$ 750.00	\$ 750.00
27	Roadway Restoration	50,400	SF	\$ 7.75	\$ 390,600.00
28	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	8,400	LF	\$ 65.00	\$ 546,000.00
29	8" Gate Valve Assembly	9	EA	\$ 2,900.00	\$ 26,100.00
30	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 15,000.00	\$ 15,000.00
31	Water Right Procurement	1	LS	\$ 1,300,000.00	\$ 1,300,000.00
<b>SUBTOTAL</b>					<b>\$ 3,234,900.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 647,000.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 3,881,900.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	2.8%	LS	\$ 120,000.00	\$ 120,000.00
2	Bidding & Negotiating	0.2%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	2.3%	HR	\$ 96,700.00	\$ 96,700.00
4	Topographic & Property Survey	0.5%	EST	\$ 22,000.00	\$ 22,000.00
5	Funding and Administrative Services	0.3%	EST	\$ 12,000.00	\$ 12,000.00
6	Permitting	0.2%	EST	\$ 10,000.00	\$ 10,000.00
7	Environmental (Including Biological and Archeological) Report	0.9%	EST	\$ 40,000.00	\$ 40,000.00
8	BLM ROW Negotiation (SF299 Application & POD)	0.2%	EST	\$ 10,000.00	\$ 10,000.00
9	Miscellaneous Engineering Services	0.5%	EST	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 338,200.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 4,220,100.00</b>

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## Engineer's Opinion of Probable Cost

Hildale Groundwater Project PH III  
Project Location: Hildale City

18-Oct-23  
BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 110,000.00	\$ 110,000.00
2	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
4	Subsurface Investigation	4	HR	\$ 250.00	\$ 1,000.00
5	Materials Sampling & Testing	1	LS	\$ 7,500.00	\$ 7,500.00
6	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 10,000.00	\$ 10,000.00
8	Erosion Control Compliance	1	LS	\$ 7,500.00	\$ 7,500.00
9	Geophysical Survey	1	LS	\$ 23,000.00	\$ 23,000.00
10	Access and Drill Pad Construction	1	LS	\$ 130,000.00	\$ 130,000.00
11	Conductor Casing and Seal	100	LF	\$ 650.00	\$ 65,000.00
12	Drill 12" Pilot Borehole	600	LF	\$ 175.00	\$ 105,000.00
13	Drill 20" Reamed Borehole	600	LF	\$ 123.00	\$ 73,800.00
14	Geophysical Logging	1	LS	\$ 9,000.00	\$ 9,000.00
15	Caliper	1	LS	\$ 6,500.00	\$ 6,500.00
16	Well Installation - 12" Steel Casing	500	LF	\$ 170.00	\$ 85,000.00
17	Well Installation - 12" SS Screen 70 Slot	200	LF	\$ 350.00	\$ 70,000.00
18	Installation of Gravel Pack - 8-12	550	LF	\$ 115.00	\$ 63,250.00
19	Installation of Annular Grout Seal	150	LF	\$ 115.00	\$ 17,250.00
20	Initial Well Development	40	HR	\$ 750.00	\$ 30,000.00
21	Install Pump for Development and Testing	1	LS	\$ 42,000.00	\$ 42,000.00
22	Well Development by pumping	80	HR	\$ 425.00	\$ 34,000.00
23	Misc. Well and Pump Testing	1	LS	\$ 10,000.00	\$ 10,000.00
24	Well Disinfecting	1	LS	\$ 5,000.00	\$ 5,000.00
25	Well Head	1	LS	\$ 2,500.00	\$ 2,500.00
26	Well Capping	1	LS	\$ 750.00	\$ 750.00
27	Roadway Restoration	39,000	SF	\$ 8.00	\$ 312,000.00
28	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	6,500	LF	\$ 65.00	\$ 422,500.00
29	8" Gate Valve Assembly	8	EA	\$ 2,900.00	\$ 23,200.00
30	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 20,000.00	\$ 20,000.00
31	Water Right Procurement	1	LS	\$ 650,000.00	\$ 650,000.00
<b>SUBTOTAL</b>					<b>\$ 2,352,250.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 470,500.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 2,822,800.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	3.2%	LS	\$ 100,000.00	\$ 100,000.00
2	Bidding & Negotiating	0.2%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	2.2%	HR	\$ 68,100.00	\$ 68,100.00
4	Topographic & Property Survey	0.6%	EST	\$ 20,000.00	\$ 20,000.00
5	Funding and Administrative Services	0.4%	EST	\$ 12,000.00	\$ 12,000.00
6	Permitting	0.3%	EST	\$ 10,000.00	\$ 10,000.00
7	Environmental (Including Biological and Archeological) Report	1.1%	EST	\$ 35,000.00	\$ 35,000.00
8	BLM ROW Negotiation (SF299 Application & POD)	0.3%	EST	\$ 10,000.00	\$ 10,000.00
9	Miscellaneous Engineering Services	0.6%	EST	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 282,600.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 3,105,400.00</b>

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## Engineer's Opinion of Probable Cost

Arizona Well Fields  
Project Location: Colorado City

11-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION (ONE WELL)</b>					
1	Mobilization	5%	LS	\$ 16,100.00	\$ 16,100.00
2	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3	SWPPP Compliance	1	LS	\$ 2,000.00	\$ 2,000.00
4	Dust Control & Watering	1	LS	\$ 2,000.00	\$ 2,000.00
5	Subsurface Investigation	10	HR	\$ 40.00	\$ 400.00
6	Construction Staking	1	LS	\$ 500.00	\$ 500.00
7	Clearing, Grubbing, Excavation, & Demolition	1	LS	\$ 2,000.00	\$ 2,000.00
8	8" Diameter Test Well Drilling	150	LF	\$ 87.00	\$ 13,050.00
9	Develop and Pump Test Well	1	LS	\$ 17,400.00	\$ 17,400.00
10	Water Sampling (Full Drinking Water Standard)	1	EA	\$ 26,000.00	\$ 26,000.00
11	Furnish and Install Conductor Casing (Production Well)	1	LS	\$ 7,800.00	\$ 7,800.00
12	20" Diameter Production Well Drilling	150	LF	\$ 160.00	\$ 24,000.00
13	12" Diameter Casing	100	LF	\$ 52.00	\$ 5,200.00
14	12" Diameter Stainless Steel Screen	50	LF	\$ 350.00	\$ 17,500.00
15	3" Galvanized Gravel Pack Tremie Pipe	60	LF	\$ 16.00	\$ 960.00
16	2" Conduit for Level Indicator	150	LF	\$ 7.00	\$ 1,050.00
17	Concrete Grout and Seal	3	CY	\$ 1,200.00	\$ 3,600.00
18	Furnish and Install Pea Gravel (Disinfected)	3	CY	\$ 350.00	\$ 1,050.00
19	Bentonite Plug	1	LS	\$ 4,400.00	\$ 4,400.00
20	Furnish and Install Fine Silica Sand	3	CY	\$ 2,100.00	\$ 6,300.00
21	Develop Production Well	150	HR	\$ 435.00	\$ 65,250.00
22	Production Well Test Pump Equipment	1	LS	\$ 17,400.00	\$ 17,400.00
23	Test Pump Production Well	48	HR	\$ 260.00	\$ 12,480.00
24	Recovery Testing	12	HR	\$ 175.00	\$ 2,100.00
25	Disinfection and Capping	1	LS	\$ 550.00	\$ 550.00
26	Well House Building	1	LS	\$ 75,000.00	\$ 75,000.00
27	Piping to Connect to Raw Water System	1	LS	\$ 12,000.00	\$ 12,000.00
<b>SUBTOTAL</b>					<b>\$ 338,100.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 67,600.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 405,700.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	7.6%	LS	\$ 36,000.00	\$ 36,000.00
2	Bidding & Negotiating	1.6%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services/Miscellaneous Services	5.7%	HR	\$ 27,000.00	\$ 27,000.00
<b>SUBTOTAL</b>					<b>\$ 70,500.00</b>
<b>TOTAL PROJECT COST FOR ONE WELL</b>					<b>\$ 476,200.00</b>
<b>0-5 YEAR WELL FIELD</b>					
	Number of New Wells	7	EA	\$ 476,200.00	\$ 3,333,400.00
<b>TOTAL PROJECT COST AZ 0-5 YEAR WELL FIELD</b>					<b>\$ 3,333,400.00</b>
<b>6-10 YEAR WELL FIELD</b>					
	Number of New Wells	8	EA	\$ 476,200.00	\$ 3,809,600.00
<b>TOTAL PROJECT COST AZ 6-10 YEAR WELL FIELD</b>					<b>\$ 3,809,600.00</b>
<b>11-20 YEAR WELL FIELD</b>					
	Number of New Wells	14	EA	\$ 476,200.00	\$ 6,666,800.00
<b>TOTAL PROJECT COST AZ 11-20 YEAR WELL FIELD</b>					<b>\$ 6,666,800.00</b>

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## Engineer's Opinion of Probable Cost

Utah Well Fields  
Project Location: Hildale City

11-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION (ONE WELL)</b>					
1	Mobilization	5%	LS	\$ 16,099.50	\$ 16,099.50
2	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3	SWPPP Compliance	1	LS	\$ 2,000.00	\$ 2,000.00
4	Dust Control & Watering	1	LS	\$ 2,000.00	\$ 2,000.00
5	Subsurface Investigation	10	HR	\$ 40.00	\$ 400.00
6	Construction Staking	1	LS	\$ 500.00	\$ 500.00
7	Clearing, Grubbing, Excavation, & Demolition	1	LS	\$ 2,000.00	\$ 2,000.00
8	8" Diameter Test Well Drilling	150	LF	\$ 87.00	\$ 13,050.00
9	Develop and Pump Test Well	1	LS	\$ 17,400.00	\$ 17,400.00
10	Water Sampling (Full Drinking Water Standard)	1	EA	\$ 26,000.00	\$ 26,000.00
11	Furnish and Install Conductor Casing (Production Well)	1	LS	\$ 7,800.00	\$ 7,800.00
12	20" Diameter Production Well Drilling	150	LF	\$ 160.00	\$ 24,000.00
13	12" Diameter Casing	100	LF	\$ 52.00	\$ 5,200.00
14	12" Diameter Stainless Steel Screen	50	LF	\$ 350.00	\$ 17,500.00
15	3" Galvanized Gravel Pack Tremie Pipe	60	LF	\$ 16.00	\$ 960.00
16	2" Conduit for Level Indicator	150	LF	\$ 7.00	\$ 1,050.00
17	Concrete Grout and Seal	3	CY	\$ 1,200.00	\$ 3,600.00
18	Furnish and Install Pea Gravel (Disinfected)	3	CY	\$ 350.00	\$ 1,050.00
19	Bentonite Plug	1	LS	\$ 4,400.00	\$ 4,400.00
20	Furnish and Install Fine Silica Sand	3	CY	\$ 2,100.00	\$ 6,300.00
21	Develop Production Well	150	HR	\$ 435.00	\$ 65,250.00
22	Production Well Test Pump Equipment	1	LS	\$ 17,400.00	\$ 17,400.00
23	Test Pump Production Well	48	HR	\$ 260.00	\$ 12,480.00
24	Recovery Testing	12	HR	\$ 175.00	\$ 2,100.00
25	Disinfection and Capping	1	LS	\$ 550.00	\$ 550.00
26	Well House Building	1	LS	\$ 75,000.00	\$ 75,000.00
27	Piping to Connect to Raw Water System	1	LS	\$ 12,000.00	\$ 12,000.00
<b>SUBTOTAL</b>					<b>\$ 338,089.50</b>
<b>CONTINGENCY</b>				20%	<b>\$ 67,617.90</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 405,707.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	7.6%	LS	\$ 36,019.43	\$ 36,019.43
2	Bidding & Negotiating	1.6%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services/Miscellaneous Services	5.7%	HR	\$ 27,000.00	\$ 27,000.00
<b>SUBTOTAL</b>					<b>\$ 70,519.43</b>
<b>TOTAL PROJECT COST FOR ONE WELL</b>					<b>\$ 476,200.00</b>
<b>0-5 YEAR WELL FIELD</b>					
	Number of New Wells	7	EA	\$ 476,200.00	\$ 3,333,400.00
	Purchase Water Rights	677	AC-FT	\$ 5,300.00	\$ 3,590,318.61
<b>TOTAL PROJECT COST AZ 0-5 YEAR WELL FIELD</b>					<b>\$ 6,923,700.00</b>
<b>6-10 YEAR WELL FIELD</b>					
	Number of New Wells	8	EA	\$ 476,200.00	\$ 3,809,600.00
	Purchase Water Rights	774	AC-FT	\$ 5,300.00	\$ 4,103,221.27
<b>TOTAL PROJECT COST AZ 6-10 YEAR WELL FIELD</b>					<b>\$ 7,912,800.00</b>
<b>11-20 YEAR WELL FIELD</b>					
	Number of New Wells	14	EA	\$ 476,200.00	\$ 6,666,800.00
	Purchase Water Rights	1,355	AC-FT	\$ 5,300.00	\$ 7,180,637.23
<b>TOTAL PROJECT COST AZ 11-20 YEAR WELL FIELD</b>					<b>\$ 13,847,400.00</b>

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## Engineer's Opinion of Probable Cost

**Sandhill Tank 1**

Project Location: Hildale City

18-Oct-23

BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 211,800.00	\$ 211,800.00
2	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
3	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
5	Subsurface Investigation	20	HR	\$ 350.00	\$ 7,000.00
6	Restore Surface Improvements	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 12,000.00	\$ 12,000.00
8	Materials Sampling & Testing	1	LS	\$ 35,000.00	\$ 35,000.00
9	Excavation & Demolition	1	LS	\$ 25,000.00	\$ 25,000.00
10	Earthwork & Grading	1	LS	\$ 400,000.00	\$ 400,000.00
11	2MG Concrete Storage Tank	1	LS	\$ 2,800,000.00	\$ 2,800,000.00
12	Tank Site Appurtenances	1	LS	\$ 75,000.00	\$ 75,000.00
13	Metering Station	1	LS	\$ 40,000.00	\$ 40,000.00
14	16" PVC (C900), Fittings, Installation, Pipe Bedding, Trench Backfill	1,360	LF	\$ 120.00	\$ 163,200.00
15	16" Gate Valve Assembly	4	EA	\$ 6,750.00	\$ 27,000.00
16	12" PVC (C900), Fittings, Installation, Pipe Bedding, Trench Backfill	2,264	LF	\$ 95.00	\$ 215,080.00
17	12" Gate Valve Assembly	10	EA	\$ 6,500.00	\$ 65,000.00
18	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 30,000.00	\$ 30,000.00
19	Surface Restoration	1	LS	\$ 15,000.00	\$ 15,000.00
20	Elm Street PRV and Vault	1	EA	\$ 100,000.00	\$ 100,000.00
21	Valving and Piping to Create New Pressure Zone	1	LS	\$ 45,000.00	\$ 45,000.00
22	Misc Electrical and SCADA Improvements	1	LS	\$ 20.00	\$ 20.00
23	Tank Access Road	28,992	SF	\$ 2.75	\$ 79,728.00
24	Fence and Gate	1	LS	\$ 75,000.00	\$ 75,000.00
<b>SUBTOTAL</b>					<b>\$ 4,447,328.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 889,500.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 5,336,800.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	3.4%	LS	\$ 200,000.00	\$ 200,000.00
2	Bidding & Negotiating	0.1%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	4.5%	HR	\$ 266,800.00	\$ 266,800.00
4	Topographic & Property Survey	0.3%	EST	\$ 15,000.00	\$ 15,000.00
5	Geotechnical Report	0.2%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.2%	EST	\$ 12,000.00	\$ 12,000.00
7	Permitting	0.2%	EST	\$ 10,000.00	\$ 10,000.00
8	Environmental (Including Biological and Archeological) Report	0.5%	EST	\$ 30,000.00	\$ 30,000.00
9	SCADA Design	0.3%	EST	\$ 15,000.00	\$ 15,000.00
10	BLM ROW Negotiation (SF299 Application & POD)	0.2%	EST	\$ 10,000.00	\$ 10,000.00
11	Miscellaneous Engineering Services	0.4%	EST	\$ 25,000.00	\$ 25,000.00
<b>SUBTOTAL</b>					<b>\$ 601,300.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 5,938,100.00</b>

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## Engineer's Opinion of Probable Cost

**Trailhead Tank**  
Project Location: Hildale City

12-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 100,700.00	\$ 100,700.00
2	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
3	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
5	Subsurface Investigation	30	HR	\$ 350.00	\$ 10,500.00
6	Restore Surface Improvements	1	LS	\$ 7,800.00	\$ 7,800.00
7	Construction Staking	1	LS	\$ 5,000.00	\$ 5,000.00
8	Materials Sampling & Testing	1	LS	\$ 35,000.00	\$ 35,000.00
9	Earthwork	1	LS	\$ 200,000.00	\$ 200,000.00
10	500K Concrete Storage Tank	1	LS	\$ 810,000.00	\$ 810,000.00
11	Tank Site Appurtenances	1	LS	\$ 100,000.00	\$ 100,000.00
12	Fence and Gate	1	LS	\$ 20,000.00	\$ 20,000.00
13	Metering Station	1	LS	\$ 34,000.00	\$ 34,000.00
14	Tank Access Rd	5,500	SF	\$ 2.00	\$ 11,000.00
15	10" PVC (C900), Fittings, Installation, Pipe Bedding, Trench Backfill	8,000	LF	\$ 75.00	\$ 600,000.00
16	10" Gate Valve Assembly	5	EA	\$ 5,000.00	\$ 25,000.00
17	Misc. Connections, Fittings, and Tie-Ins	1	LS	\$ 20,000.00	\$ 20,000.00
18	Misc Electrical and SCADA Improvements	1	LS	\$ 20,000.00	\$ 20,000.00
19	PRV and Vault	1	EA	\$ 100,000.00	\$ 100,000.00
<b>SUBTOTAL</b>					<b>\$ 2,115,500.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 423,100.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 2,538,600.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	3.3%	LS	\$ 95,000.00	\$ 95,000.00
2	Bidding & Negotiating	0.3%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	4.4%	HR	\$ 126,900.00	\$ 126,900.00
4	Topographic & Property Survey	0.3%	EST	\$ 8,000.00	\$ 8,000.00
5	Geotechnical Report	0.3%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.4%	EST	\$ 12,000.00	\$ 12,000.00
7	Permitting	0.3%	EST	\$ 10,000.00	\$ 10,000.00
10	Environmental (Including Biological and Archeological) Report	0.9%	EST	\$ 25,000.00	\$ 25,000.00
11	BLM ROW Negotiation (SF299 Application & POD)	0.3%	EST	\$ 10,000.00	\$ 10,000.00
39	Miscellaneous Professional Services	0.7%	EST	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 336,900.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 2,875,500.00</b>

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## Engineer's Opinion of Probable Cost

**South Concrete Tank**  
Project Location: Colorado City

12-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 154,900.00	\$ 154,900.00
2	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
5	Subsurface Investigation	30	HR	\$ 350.00	\$ 10,500.00
6	Restore Surface Improvements	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 12,000.00	\$ 12,000.00
8	Materials Sampling & Testing	1	LS	\$ 35,000.00	\$ 35,000.00
9	Excavation & Demolition	1	LS	\$ 25,000.00	\$ 25,000.00
10	Earthwork & Grading	1	LS	\$ 400,000.00	\$ 400,000.00
11	1MG Concrete Storage Tank	1	LS	\$ 1,500,000.00	\$ 1,500,000.00
12	Tank Site Appurtenances	1	LS	\$ 250,000.00	\$ 250,000.00
13	Metering Station	1	LS	\$ 40,000.00	\$ 40,000.00
14	12" PVC (C900), Fittings, Installation, Pipe Bedding, Trench Backfill	4,000	LF	\$ 110.00	\$ 440,000.00
15	12" Gate Valve Assembly	10	EA	\$ 6,750.00	\$ 67,500.00
16	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 30,000.00	\$ 30,000.00
17	Surface Restoration	1	LS	\$ 15,000.00	\$ 15,000.00
18	PRV and Vault	1	EA	\$ 100,000.00	\$ 100,000.00
19	Valving and Piping to Create New Pressure Zone	1	LS	\$ 45,000.00	\$ 45,000.00
20	Misc Electrical and SCADA Improvements	1	LS	\$ 20,000.00	\$ 20,000.00
21	Tank Access Road	32,000	SF	\$ 2.00	\$ 64,000.00
22	Fence and Gate	1	LS	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 3,252,400.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 650,500.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 3,902,900.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	4.5%	LS	\$ 200,000.00	\$ 200,000.00
2	Bidding & Negotiating	0.2%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	4.4%	HR	\$ 195,100.00	\$ 195,100.00
4	Topographic & Property Survey	0.3%	EST	\$ 15,000.00	\$ 15,000.00
5	Geotechnical Report	0.2%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.3%	EST	\$ 12,000.00	\$ 12,000.00
7	Permitting	0.2%	EST	\$ 10,000.00	\$ 10,000.00
8	Environmental (Including Biological and Archeological) Report	0.7%	EST	\$ 30,000.00	\$ 30,000.00
9	SCADA Design	0.3%	EST	\$ 15,000.00	\$ 15,000.00
10	BLM ROW Negotiation (SF299 Application & POD)	0.2%	EST	\$ 10,000.00	\$ 10,000.00
11	Miscellaneous Engineering Services	0.6%	EST	\$ 25,000.00	\$ 25,000.00
<b>SUBTOTAL</b>					<b>\$ 529,600.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 4,432,500.00</b>

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## Engineer's Opinion of Probable Cost

**Sandhill Tank 2**  
Project Location: Hildale City

18-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 232,100.00	\$ 232,100.00
2	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3	Pre-Construction DVD & Project Sign	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
5	Subsurface Investigation	30	HR	\$ 350.00	\$ 10,500.00
6	Restore Surface Improvements	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 12,000.00	\$ 12,000.00
8	Materials Sampling & Testing	1	LS	\$ 35,000.00	\$ 35,000.00
9	Excavation & Demolition	1	LS	\$ 25,000.00	\$ 25,000.00
10	Earthwork & Grading	1	LS	\$ 400,000.00	\$ 400,000.00
11	2MG Concrete Storage Tank	1	LS	\$ 2,800,000.00	\$ 2,800,000.00
12	Tank Site Appurtenances	1	LS	\$ 250,000.00	\$ 250,000.00
13	Metering Station	1	LS	\$ 40,000.00	\$ 40,000.00
14	24" PVC (C900), Fittings, Installation, Pipe Bedding, Trench Backfill	2,700	LF	\$ 150.00	\$ 405,000.00
15	24" Gate Valve Assembly	6	EA	\$ 9,500.00	\$ 57,000.00
16	16" PVC (C900), Fittings, Installation, Pipe Bedding, Trench Backfill	2,350	LF	\$ 120.00	\$ 282,000.00
17	16" Gate Valve Assembly	5	EA	\$ 6,750.00	\$ 33,750.00
18	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 30,000.00	\$ 30,000.00
19	Surface Restoration	1	LS	\$ 15,000.00	\$ 15,000.00
20	PRV and Vault	1	EA	\$ 100,000.00	\$ 100,000.00
21	Valving and Piping to Create New Pressure Zone	1	LS	\$ 45,000.00	\$ 45,000.00
22	Misc Electrical and SCADA Improvements	1	LS	\$ 20,000.00	\$ 20,000.00
23	Tank Access Road	18,800	SF	\$ 2.00	\$ 37,600.00
24	Fence and Gate	1	LS	\$ 20,000.00	\$ 20,000.00
<b>SUBTOTAL</b>					<b>\$ 4,873,450.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 974,700.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 5,848,200.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	3.1%	LS	\$ 200,000.00	\$ 200,000.00
2	Bidding & Negotiating	0.1%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	4.5%	HR	\$ 292,400.00	\$ 292,400.00
4	Topographic & Property Survey	0.2%	EST	\$ 15,000.00	\$ 15,000.00
5	Geotechnical Report	0.2%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.2%	EST	\$ 12,000.00	\$ 12,000.00
7	Permitting	0.2%	EST	\$ 10,000.00	\$ 10,000.00
8	Environmental (Including Biological and Archeological) Report	0.5%	EST	\$ 30,000.00	\$ 30,000.00
9	SCADA Design	0.2%	EST	\$ 15,000.00	\$ 15,000.00
10	BLM ROW Negotiation (SF299 Application & POD)	0.2%	EST	\$ 10,000.00	\$ 10,000.00
11	Miscellaneous Engineering Services	0.4%	EST	\$ 25,000.00	\$ 25,000.00
<b>SUBTOTAL</b>					<b>\$ 626,900.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 6,475,100.00</b>

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## Engineer's Opinion of Probable Cost

**Raw Water Transmission Line**

18-Oct-23

Project Location: Colorado City

BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 37,800.00	\$ 37,800.00
2	Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
3	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
4	Subsurface Investigation	10	HR	\$ 250.00	\$ 2,500.00
5	Restore Surface Improvements	1	LS	\$ 15,000.00	\$ 15,000.00
6	Construction Staking	1	LS	\$ 10,000.00	\$ 10,000.00
7	Erosion Control Compliance	1	LS	\$ 5,000.00	\$ 5,000.00
8	Materials Sampling & Testing	1	LS	\$ 12,500.00	\$ 12,500.00
9	Excavation & Demolition	1	LS	\$ 20,000.00	\$ 20,000.00
10	12" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	2,500	LF	\$ 110.00	\$ 275,000.00
11	12" Gate Valve Assembly	8	EA	\$ 6,500.00	\$ 52,000.00
12	Pavement Restoration	26,400	SF	\$ 7.75	\$ 204,600.00
13	Access/Cleanout Structure	4	EA	\$ 5,000.00	\$ 20,000.00
14	Misc. Fittings, Connections, and Tie-Ins	1	LS	\$ 20,000.00	\$ 20,000.00
15	Electrical Conduit	2,500	LF	\$ 40.00	\$ 100,000.00
<b>SUBTOTAL</b>					<b>\$ 794,400.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 158,900.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 953,300.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	4.6%	LS	\$ 50,000.00	\$ 50,000.00
2	Bidding & Negotiating	0.7%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.6%	HR	\$ 39,700.00	\$ 39,700.00
4	Topographic & Property Survey	1.4%	EST	\$ 15,000.00	\$ 15,000.00
5	Permitting	0.5%	EST	\$ 5,000.00	\$ 5,000.00
6	Funding and Administrative Services	1.1%	EST	\$ 12,000.00	\$ 12,000.00
7	Miscellaneous Engineering Services	0.9%	EST	\$ 10,000.00	\$ 10,000.00
<b>SUBTOTAL</b>					<b>\$ 139,200.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 1,092,500.00</b>

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## Engineer's Opinion of Probable Cost

**Small Treatment Plant (1,600 gpm)**  
Project Location: Hildale City

12-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 206,000.00	\$ 206,000.00
2	Pilot Study	1	LS	\$ 75,000.00	\$ 75,000.00
3	Construction Staking	1	LS	\$ 15,000.00	\$ 15,000.00
4	Dust Control & Watering	1	LS	\$ 20,000.00	\$ 20,000.00
5	Package Pressure Filtration System	1	LS	\$ 1,300,000.00	\$ 1,300,000.00
6	Site Earthwork	1	LS	\$ 150,000.00	\$ 150,000.00
7	Water Treatment Plant Building & Appurtenances	1	LS	\$ 1,000,000.00	\$ 1,000,000.00
8	Chlorinator System	1	LS	\$ 100,000.00	\$ 100,000.00
9	Chlorine Contact Chamber	1	LS	\$ 200,000.00	\$ 200,000.00
10	Effluent Pump Station	1	LS	\$ 275,000.00	\$ 275,000.00
11	Electrical Systems	1	LS	\$ 350,000.00	\$ 350,000.00
12	Mechanical System	1	LS	\$ 200,000.00	\$ 200,000.00
13	Miscellaneous Piping to and from Site	1	LS	\$ 185,000.00	\$ 185,000.00
14	Miscellaneous Valves	1	LS	\$ 90,000.00	\$ 90,000.00
15	Miscellaneous Site Improvements (parking, fence, gate, etc.)	1	LS	\$ 110,000.00	\$ 110,000.00
16	SCADA Improvements	1	LS	\$ 50,000.00	\$ 50,000.00
<b>SUBTOTAL</b>					<b>\$ 4,326,000.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 865,200.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 5,191,200.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.3%	LS	\$ 311,500.00	\$ 311,500.00
2	Bidding & Negotiating	0.2%	HR	\$ 10,000.00	\$ 10,000.00
3	Engineering Construction Services	4.4%	HR	\$ 259,600.00	\$ 259,600.00
4	Topographic & Property Survey	0.3%	EST	\$ 15,000.00	\$ 15,000.00
5	Geotechnical Report	0.2%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.3%	EST	\$ 20,000.00	\$ 20,000.00
7	Permitting	0.2%	EST	\$ 12,500.00	\$ 12,500.00
8	SCADA Design	0.4%	EST	\$ 25,000.00	\$ 25,000.00
9	Miscellaneous Professional Services	0.8%	EST	\$ 50,000.00	\$ 50,000.00
<b>SUBTOTAL</b>					<b>\$ 713,600.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 5,904,800.00</b>

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## Engineer's Opinion of Probable Cost

Additional Treatment Capacity (3,000 gpm)  
Project Location: Not Specified

12-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 306,800.00	\$ 306,800.00
2	Pilot Study	1	LS	\$ 75,000.00	\$ 75,000.00
3	Construction Staking	1	LS	\$ 15,000.00	\$ 15,000.00
4	Dust Control & Watering	1	LS	\$ 20,000.00	\$ 20,000.00
5	Package Pressure Filtration System	1	LS	\$ 2,300,000.00	\$ 2,300,000.00
6	Site Earthwork	1	LS	\$ 200,000.00	\$ 200,000.00
7	Water Treatment Plant Building & Appurtenances	1	LS	\$ 1,500,000.00	\$ 1,500,000.00
8	Chlorinator System	1	LS	\$ 100,000.00	\$ 100,000.00
9	Chlorine Contact Chamber	1	LS	\$ 325,000.00	\$ 325,000.00
10	Effluent Pump Station	1	LS	\$ 375,000.00	\$ 375,000.00
11	Electrical Systems	1	LS	\$ 400,000.00	\$ 400,000.00
12	Mechanical System	1	LS	\$ 275,000.00	\$ 275,000.00
13	Miscellaneous Piping to and from Site	1	LS	\$ 225,000.00	\$ 225,000.00
14	Miscellaneous Valves	1	LS	\$ 100,000.00	\$ 100,000.00
15	Miscellaneous Site Improvements (parking, fence, gate, etc.)	1	LS	\$ 175,000.00	\$ 175,000.00
16	SCADA Improvements	1	LS	\$ 50,000.00	\$ 50,000.00
<b>SUBTOTAL</b>					<b>\$ 6,441,800.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 1,288,400.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 7,730,200.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.5%	LS	\$ 479,800.00	\$ 479,800.00
2	Bidding & Negotiating	0.1%	HR	\$ 10,000.00	\$ 10,000.00
3	Engineering Construction Services	4.4%	HR	\$ 386,500.00	\$ 386,500.00
4	Topographic & Property Survey	0.2%	EST	\$ 15,000.00	\$ 15,000.00
5	Geotechnical Report	0.1%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.2%	EST	\$ 20,000.00	\$ 20,000.00
7	Permitting	0.1%	EST	\$ 12,500.00	\$ 12,500.00
8	SCADA Design	0.3%	EST	\$ 25,000.00	\$ 25,000.00
9	Miscellaneous Engineering Services	0.6%	EST	\$ 50,000.00	\$ 50,000.00
<b>SUBTOTAL</b>					<b>\$ 1,008,800.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 8,739,000.00</b>

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## Engineer's Opinion of Probable Cost

Additional Treatment Capacity PH2 (4,000 gpm)  
Project Location: Not Specified

12-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 363,300.00	\$ 363,300.00
2	Pilot Study	1	LS	\$ 75,000.00	\$ 75,000.00
3	Construction Staking	1	LS	\$ 15,000.00	\$ 15,000.00
4	Dust Control & Watering	1	LS	\$ 20,000.00	\$ 20,000.00
5	Package Pressure Filtration System	1	LS	\$ 3,000,000.00	\$ 3,000,000.00
6	Site Earthwork	1	LS	\$ 200,000.00	\$ 200,000.00
7	Water Treatment Plant Building & Appurtenances	1	LS	\$ 1,750,000.00	\$ 1,750,000.00
8	Chlorinator System	1	LS	\$ 100,000.00	\$ 100,000.00
9	Chlorine Contact Chamber	1	LS	\$ 375,000.00	\$ 375,000.00
10	Effluent Pump Station	1	LS	\$ 425,000.00	\$ 425,000.00
11	Electrical Systems	1	LS	\$ 450,000.00	\$ 450,000.00
12	Mechanical System	1	LS	\$ 315,000.00	\$ 315,000.00
13	Miscellaneous Piping to and from Site	1	LS	\$ 225,000.00	\$ 225,000.00
14	Miscellaneous Valves	1	LS	\$ 115,000.00	\$ 115,000.00
15	Miscellaneous Site Improvements (parking, fence, gate, etc.)	1	LS	\$ 150,000.00	\$ 150,000.00
16	SCADA Improvements	1	LS	\$ 50,000.00	\$ 50,000.00
<b>SUBTOTAL</b>					<b>\$ 7,628,300.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 1,525,700.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 9,154,000.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.4%	LS	\$ 558,000.00	\$ 558,000.00
2	Bidding & Negotiating	0.1%	HR	\$ 10,000.00	\$ 10,000.00
3	Engineering Construction Services	4.4%	HR	\$ 457,700.00	\$ 457,700.00
4	Topographic & Property Survey	0.1%	EST	\$ 15,000.00	\$ 15,000.00
5	Geotechnical Report	0.1%	EST	\$ 10,000.00	\$ 10,000.00
6	Funding and Administrative Services	0.2%	EST	\$ 20,000.00	\$ 20,000.00
7	Permitting	0.1%	EST	\$ 12,500.00	\$ 12,500.00
8	SCADA Design	0.2%	EST	\$ 25,000.00	\$ 25,000.00
9	Miscellaneous Engineering Services	0.5%	EST	\$ 50,000.00	\$ 50,000.00
<b>SUBTOTAL</b>					<b>\$ 1,158,200.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 10,312,200.00</b>

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## Engineer's Opinion of Probable Cost

**Fire Hydrant Improvements**

18-Oct-23

Project Location: Hildale City

BCW/tcd

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 61,700.00	\$ 61,700.00
2	Pre-Construction DVD and Project Sign	1	LS	\$ 2,500.00	\$ 2,500.00
3	Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
4	Subsurface Investigation	24	HR	\$ 250.00	\$ 6,000.00
5	Materials Sampling & Testing	1	LS	\$ 16,000.00	\$ 16,000.00
6	Dust Control & Watering	1	LS	\$ 9,000.00	\$ 9,000.00
7	Construction Staking	1	LS	\$ 13,000.00	\$ 13,000.00
8	Erosion Control Compliance	1	LS	\$ 6,000.00	\$ 6,000.00
9	6" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	2,100	LF	\$ 50.00	\$ 105,000.00
10	6" Gate Valve Assembly	80	EA	\$ 2,000.00	\$ 160,000.00
11	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	2,930	LF	\$ 65.00	\$ 190,450.00
12	8" Gate Valve Assembly	8	EA	\$ 2,900.00	\$ 23,200.00
13	Fire Hydrant Assembly	78	EA	\$ 7,000.00	\$ 546,000.00
14	Restore Gravel Road	21,200	SF	\$ 3.25	\$ 68,900.00
15	Pavement Restoration	9,100	SF	\$ 7.50	\$ 68,250.00
16	Restore Surface Improvements	1	LS	\$ 10,000.00	\$ 10,000.00
<b>SUBTOTAL</b>					<b>\$ 1,296,000.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 259,200.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 1,555,200.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	4.6%	LS	\$ 79,000.00	\$ 79,000.00
2	Bidding & Negotiating	0.4%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.7%	HR	\$ 64,800.00	\$ 64,800.00
4	Topographic & Property Survey	0.6%	EST	\$ 10,000.00	\$ 10,000.00
5	Funding and Administrative Services	0.7%	EST	\$ 12,000.00	\$ 12,000.00
6	Miscellaneous Engineering Services	0.3%	EST	\$ 5,000.00	\$ 5,000.00
<b>SUBTOTAL</b>					<b>\$ 178,300.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 1,733,500.00</b>

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## Engineer's Opinion of Probable Cost

Upper Pressure Zone Improvements  
Project Location: Hildale City

17-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 29,100.00	\$ 29,100.00
2	Pre-Construction DVD	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 7,500.00	\$ 7,500.00
4	Subsurface Investigation	16	HR	\$ 250.00	\$ 4,000.00
5	Materials Sampling & Testing	1	LS	\$ 10,000.00	\$ 10,000.00
6	Dust Control & Watering	1	LS	\$ 7,500.00	\$ 7,500.00
7	Construction Staking	1	LS	\$ 7,500.00	\$ 7,500.00
8	Erosion Control Compliance	1	LS	\$ 6,000.00	\$ 6,000.00
9	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	5,000	LF	\$ 65.00	\$ 325,000.00
10	8" Gate Valve Assembly	14	EA	\$ 5,000.00	\$ 70,000.00
11	Disconnect and Reconnect Water Services	6	EA	\$ 2,000.00	\$ 12,000.00
12	Restore Gravel Road	30,000	SF	\$ 3.25	\$ 97,500.00
13	Restore Surface Improvements	1	LS	\$ 10,000.00	\$ 10,000.00
14	Misc. Connections, Fittings, and Tie-Ins	1	LS	\$ 10,000.00	\$ 10,000.00
15	6" Fire Hydrant Assembly	2	EA	\$ 7,000.00	\$ 14,000.00
<b>SUBTOTAL</b>					<b>\$ 611,600.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 122,300.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 733,900.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.3%	LS	\$ 45,000.00	\$ 45,000.00
2	Bidding & Negotiating	0.9%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.6%	HR	\$ 30,600.00	\$ 30,600.00
4	Topographic & Property Survey	0.9%	EST	\$ 7,500.00	\$ 7,500.00
5	Funding and Administrative Services	1.4%	EST	\$ 12,000.00	\$ 12,000.00
6	Permitting	0.6%	EST	\$ 5,000.00	\$ 5,000.00
7	Miscellaneous Professional Services	0.6%	EST	\$ 5,000.00	\$ 5,000.00
<b>SUBTOTAL</b>					<b>\$ 112,600.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 846,500.00</b>

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## Engineer's Opinion of Probable Cost

**Canyon Street Line**  
Project Location: Hildale City

17-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 12,400.00	\$ 12,400.00
2	Pre-Construction DVD	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
4	Subsurface Investigation	8	HR	\$ 250.00	\$ 2,000.00
5	Materials Sampling & Testing	1	LS	\$ 10,000.00	\$ 10,000.00
6	Dust Control & Watering	1	LS	\$ 10,000.00	\$ 10,000.00
7	Construction Staking	1	LS	\$ 7,500.00	\$ 7,500.00
8	Erosion Control Compliance	1	LS	\$ 7,500.00	\$ 7,500.00
9	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	1,500	LF	\$ 65.00	\$ 97,500.00
10	8" Gate Valve Assembly	5	EA	\$ 5,000.00	\$ 25,000.00
11	Restore Surface Improvements	1	LS	\$ 10,000.00	\$ 10,000.00
12	Pavement Restoration	9,000	SF	\$ 6.00	\$ 54,000.00
13	Misc. Connections, Fittings, and Tie-Ins	1	LS	\$ 7,500.00	\$ 7,500.00
14	Reconnect Water Services	5	EA	\$ 1,200.00	\$ 6,000.00
<b>SUBTOTAL</b>					<b>\$ 260,900.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 52,200.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 313,100.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	6.4%	LS	\$ 25,000.00	\$ 25,000.00
2	Bidding & Negotiating	1.9%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	4.7%	HR	\$ 18,300.00	\$ 18,300.00
4	Topographic & Property Survey	1.9%	EST	\$ 7,500.00	\$ 7,500.00
5	Funding and Administrative Services	2.6%	EST	\$ 10,000.00	\$ 10,000.00
6	Permitting	1.3%	EST	\$ 5,000.00	\$ 5,000.00
7	Miscellaneous Engineering Services	0.6%	EST	\$ 2,500.00	\$ 2,500.00
<b>SUBTOTAL</b>					<b>\$ 75,800.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 388,900.00</b>

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## Engineer's Opinion of Probable Cost

**Northwest Hildale Transmission Line**  
Project Location: Hildale City

17-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 69,300.00	\$ 69,300.00
2	Traffic Control	1	LS	\$ 12,000.00	\$ 12,000.00
3	Pre-Construction DVD	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 20,000.00	\$ 20,000.00
5	Subsurface Investigation	8	HR	\$ 250.00	\$ 2,000.00
6	Restore Surface Improvements	1	LS	\$ 12,000.00	\$ 12,000.00
7	Erosion Control Compliance	2	LS	\$ 8,000.00	\$ 16,000.00
8	Construction Staking	1	LS	\$ 12,500.00	\$ 12,500.00
9	Materials Sampling & Testing	1	LS	\$ 12,000.00	\$ 12,000.00
10	Surface Restoration	32,500	SF	\$ 5.00	\$ 162,500.00
11	24" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	4,150	LF	\$ 150.00	\$ 622,500.00
12	24" Gate Valve Assembly	12	EA	\$ 9,500.00	\$ 114,000.00
13	16" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	2,350	LF	\$ 120.00	\$ 282,000.00
14	16" Gate Valve Assembly	12	EA	\$ 6,750.00	\$ 81,000.00
15	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 35,000.00	\$ 35,000.00
<b>SUBTOTAL</b>					<b>\$ 1,454,300.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 290,900.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 1,745,200.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.3%	LS	\$ 105,000.00	\$ 105,000.00
2	Bidding & Negotiating	0.4%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.7%	HR	\$ 72,700.00	\$ 72,700.00
4	Topographic & Property Survey	0.8%	EST	\$ 15,000.00	\$ 15,000.00
5	Funding and Administrative Services	0.6%	EST	\$ 12,000.00	\$ 12,000.00
6	Permitting	0.3%	EST	\$ 5,000.00	\$ 5,000.00
7	Miscellaneous Engineering Services	0.8%	EST	\$ 15,000.00	\$ 15,000.00
<b>SUBTOTAL</b>					<b>\$ 232,200.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 1,977,400.00</b>

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## Engineer's Opinion of Probable Cost

**Hildale Street Line**

17-Oct-23

Project Location: Colorado City

MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 13,200.00	\$ 13,200.00
2	Pre-Construction DVD	1	LS	\$ 1,500.00	\$ 1,500.00
3	Traffic Control	1	LS	\$ 18,000.00	\$ 18,000.00
4	Subsurface Investigation	4	HR	\$ 250.00	\$ 1,000.00
5	Materials Sampling & Testing	1	LS	\$ 7,500.00	\$ 7,500.00
6	Dust Control & Watering	1	LS	\$ 7,500.00	\$ 7,500.00
7	Construction Staking	1	LS	\$ 7,000.00	\$ 7,000.00
8	Erosion Control Compliance	1	LS	\$ 7,500.00	\$ 7,500.00
9	8" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	2,650	LF	\$ 65.00	\$ 172,250.00
10	8" Gate Valve Assembly	7	EA	\$ 5,000.00	\$ 33,125.00
11	Restore Surface Improvements	1	LS	\$ 8,500.00	\$ 8,500.00
<b>SUBTOTAL</b>					<b>\$ 277,075.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 55,415.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 332,490.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.5%	LS	\$ 25,000.00	\$ 25,000.00
2	Bidding & Negotiating	1.7%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	4.3%	HR	\$ 19,400.00	\$ 19,400.00
4	Topographic & Property Survey	1.7%	EST	\$ 7,500.00	\$ 7,500.00
5	Funding and Administrative Services	2.2%	EST	\$ 10,000.00	\$ 10,000.00
6	Land & RoW Negotiation/Acquisition	11.0%	EST	\$ 50,000.00	\$ 50,000.00
7	Miscellaneous Engineering Services	0.6%	EST	\$ 2,500.00	\$ 2,500.00
<b>SUBTOTAL</b>					<b>\$ 121,900.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 454,390.00</b>

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## Engineer's Opinion of Probable Cost

**Southwest Hildale Transmission Line**  
Project Location: Hildale City

17-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 28,400.00	\$ 28,400.00
2	Traffic Control	1	LS	\$ 12,000.00	\$ 12,000.00
3	Pre-Construction DVD	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 20,000.00	\$ 20,000.00
5	Subsurface Investigation	8	HR	\$ 250.00	\$ 2,000.00
6	Restore Surface Improvements	1	LS	\$ 12,000.00	\$ 12,000.00
7	Erosion Control Compliance	2	LS	\$ 8,000.00	\$ 16,000.00
8	Construction Staking	1	LS	\$ 12,500.00	\$ 12,500.00
9	Materials Sampling & Testing	1	LS	\$ 12,000.00	\$ 12,000.00
10	Roadway Restoration	9,000	SF	\$ 6.00	\$ 54,000.00
11	12" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	1,900	LF	\$ 110.00	\$ 209,000.00
12	12" Gate Valve Assembly	12	EA	\$ 6,750.00	\$ 81,000.00
13	PRV and Vault	1	LS	\$ 100,000.00	\$ 100,000.00
14	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 35,000.00	\$ 35,000.00
<b>SUBTOTAL</b>					<b>\$ 595,400.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 119,100.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 714,500.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	11.6%	LS	\$ 105,000.00	\$ 105,000.00
2	Bidding & Negotiating	0.8%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.3%	HR	\$ 29,800.00	\$ 29,800.00
4	Topographic & Property Survey	1.7%	EST	\$ 15,000.00	\$ 15,000.00
5	Funding and Administrative Services	1.3%	EST	\$ 12,000.00	\$ 12,000.00
6	Permitting	0.6%	EST	\$ 5,000.00	\$ 5,000.00
7	Miscellaneous Engineering Services	1.7%	EST	\$ 15,000.00	\$ 15,000.00
<b>SUBTOTAL</b>					<b>\$ 189,300.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 903,800.00</b>

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## Engineer's Opinion of Probable Cost

Transmission Line to Airport  
Project Location: Colorado City

17-Oct-23  
MCG/bcw

NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	AMOUNT
<b>GENERAL CONSTRUCTION</b>					
1	Mobilization	5%	LS	\$ 71,600.00	\$ 71,600.00
2	Traffic Control	1	LS	\$ 12,000.00	\$ 12,000.00
3	Pre-Construction DVD	1	LS	\$ 1,500.00	\$ 1,500.00
4	Dust Control & Watering	1	LS	\$ 20,000.00	\$ 20,000.00
5	Subsurface Investigation	8	HR	\$ 250.00	\$ 2,000.00
6	Restore Surface Improvements	1	LS	\$ 12,000.00	\$ 12,000.00
7	Erosion Control Compliance	2	LS	\$ 8,000.00	\$ 16,000.00
8	Construction Staking	1	LS	\$ 12,500.00	\$ 12,500.00
9	Materials Sampling & Testing	1	LS	\$ 12,000.00	\$ 12,000.00
10	Roadway Restoration	42,750	SF	\$ 6.00	\$ 256,500.00
11	10" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	650	LF	\$ 90.00	\$ 58,500.00
12	10" Gate Valve Assembly	2	EA	\$ 5,250.00	\$ 10,500.00
13	12" PVC (C900) Line, Fitting, Tracer Wire, Bedding, & Backfill	7,900	EA	\$ 110.00	\$ 869,000.00
14	12" Gate Valve Assembly	17	EA	\$ 6,750.00	\$ 114,750.00
15	Misc. Connections, Fittings and Tie-ins	1	LS	\$ 35,000.00	\$ 35,000.00
<b>SUBTOTAL</b>					<b>\$ 1,503,850.00</b>
<b>CONTINGENCY</b>				20%	<b>\$ 300,800.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$ 1,804,650.00</b>
<b>INCIDENTALS</b>					
1	Engineering Design	5.1%	LS	\$ 105,000.00	\$ 105,000.00
2	Bidding & Negotiating	0.4%	HR	\$ 7,500.00	\$ 7,500.00
3	Engineering Construction Services	3.7%	HR	\$ 75,200.00	\$ 75,200.00
4	Topographic & Property Survey	0.7%	EST	\$ 15,000.00	\$ 15,000.00
5	Funding and Administrative Services	0.6%	EST	\$ 12,000.00	\$ 12,000.00
6	Permitting	0.2%	EST	\$ 5,000.00	\$ 5,000.00
7	Miscellaneous Engineering Services	0.7%	EST	\$ 15,000.00	\$ 15,000.00
<b>SUBTOTAL</b>					<b>\$ 234,700.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 2,039,350.00</b>

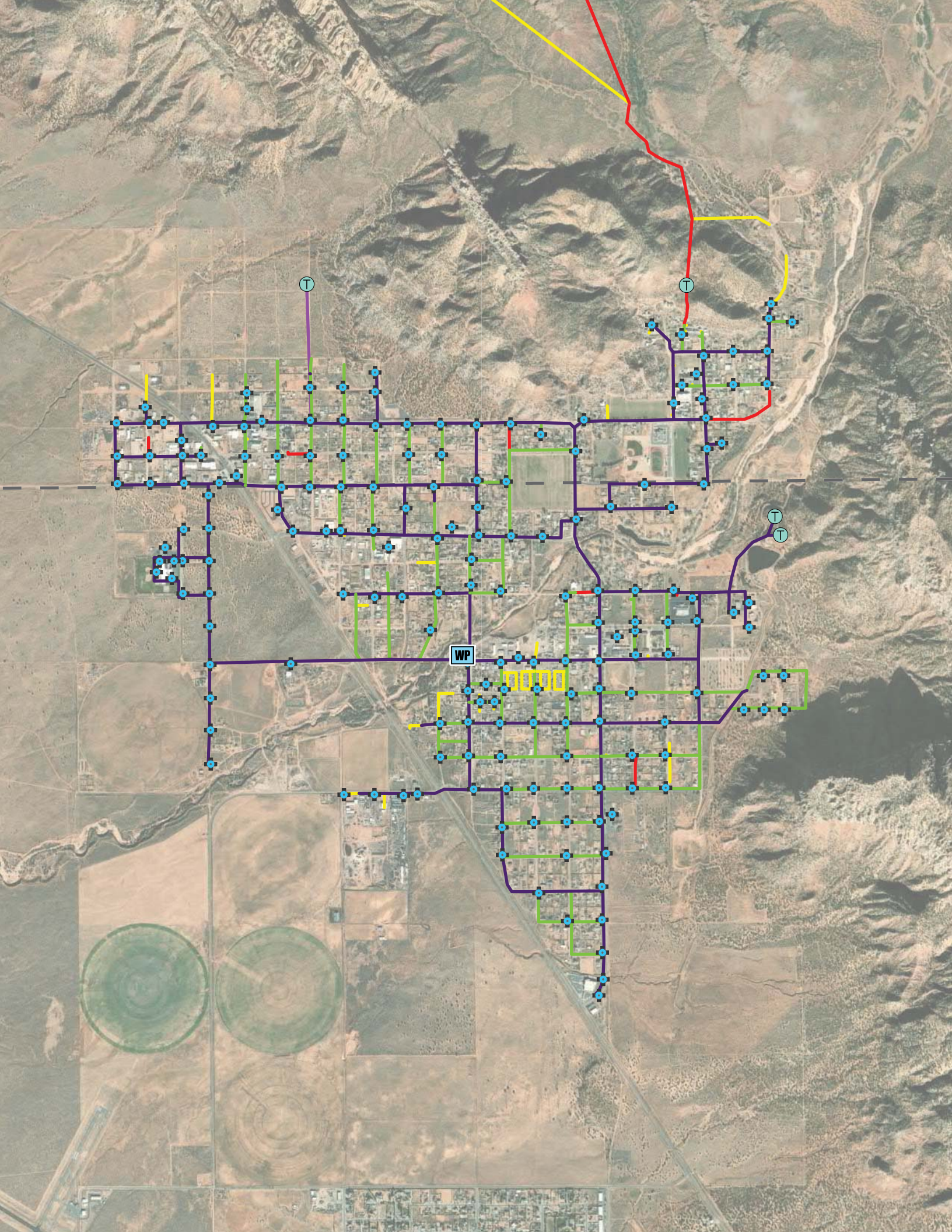
*In providing opinions of probable construction cost, the Client understands that the Engineer has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing, and that the opinion of probable construction cost provided herein is made on the basis of the Engineer's qualifications and experience. The Engineer makes no warranty, expressed or implied, as to the accuracy of such opinions compared to bid or actual costs.*



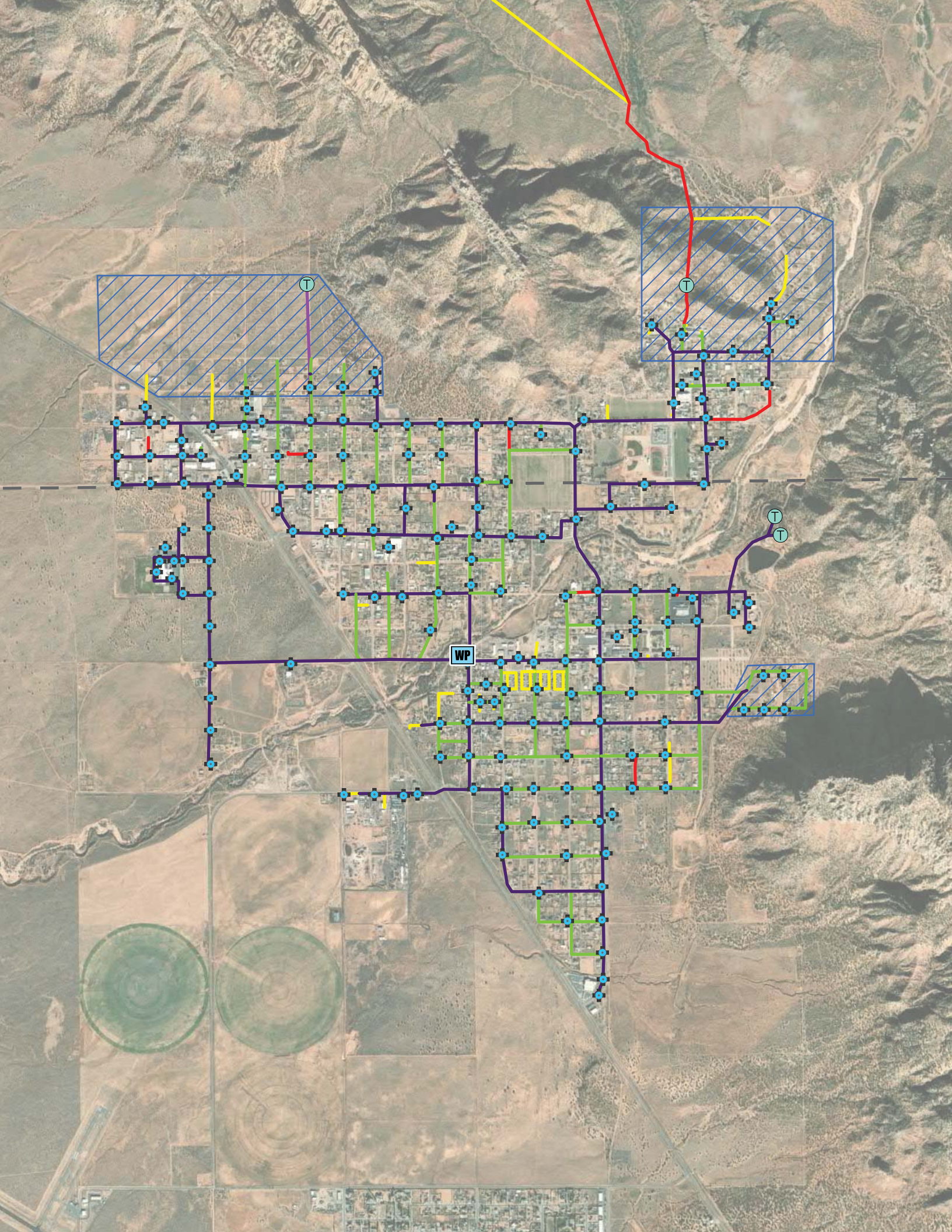
# APPENDIX D

## System Maps

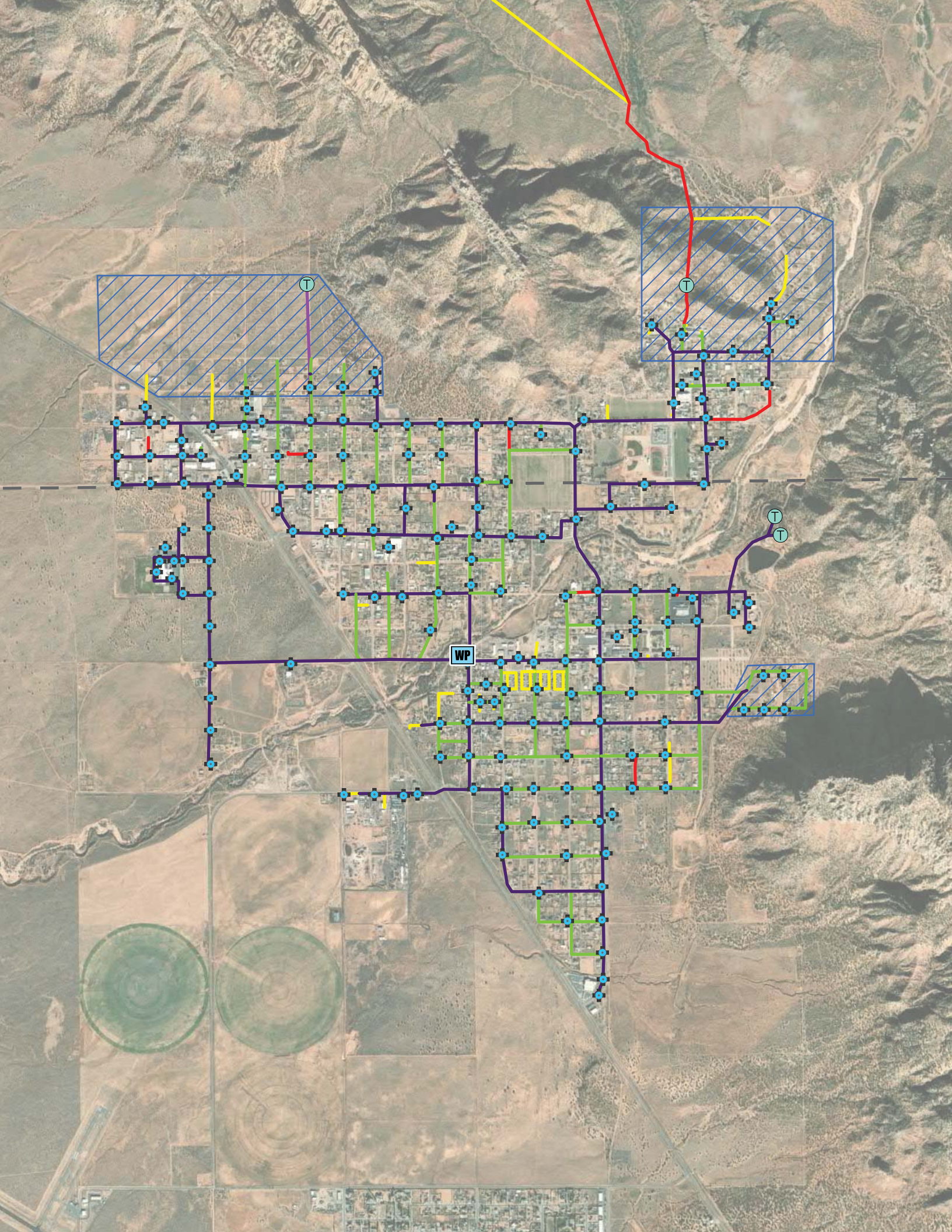




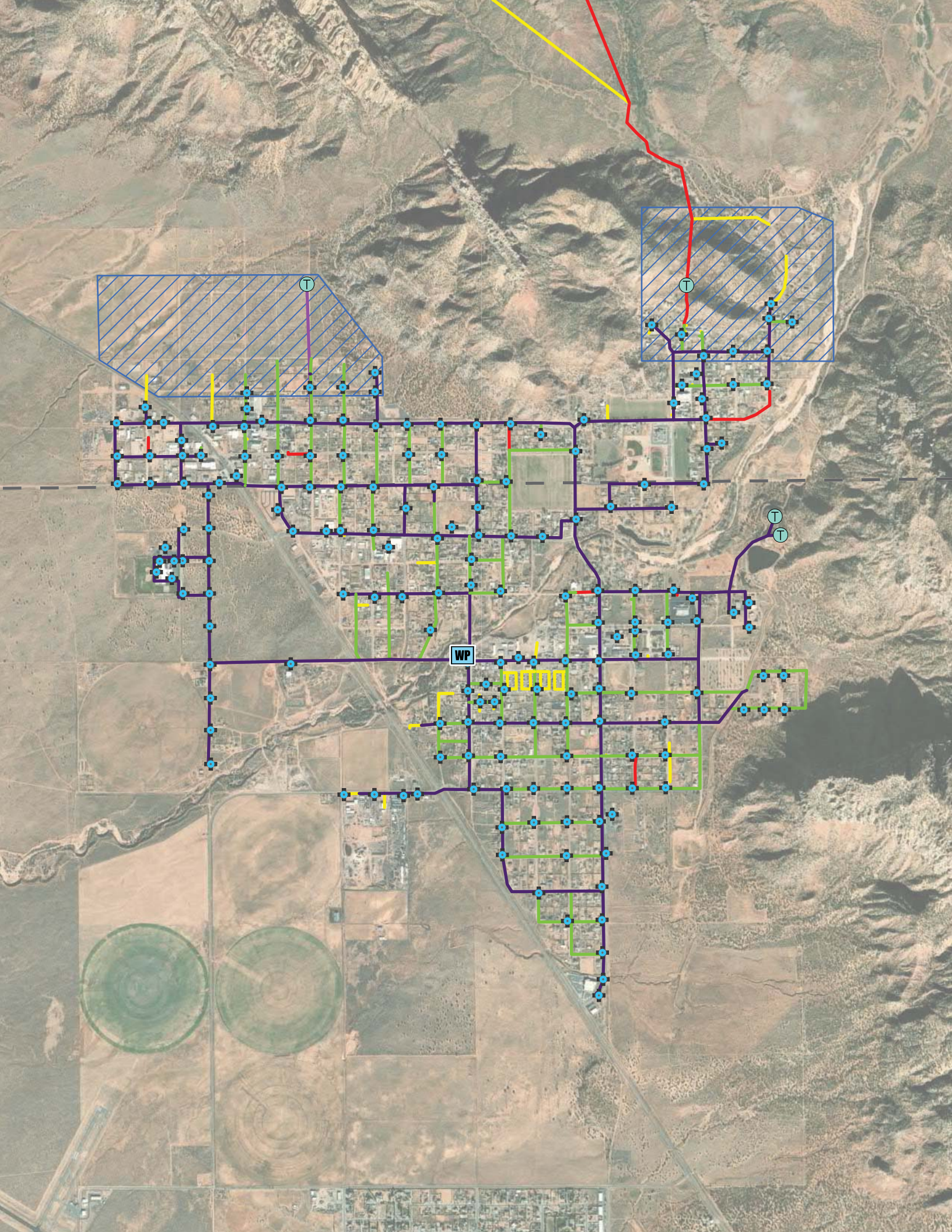




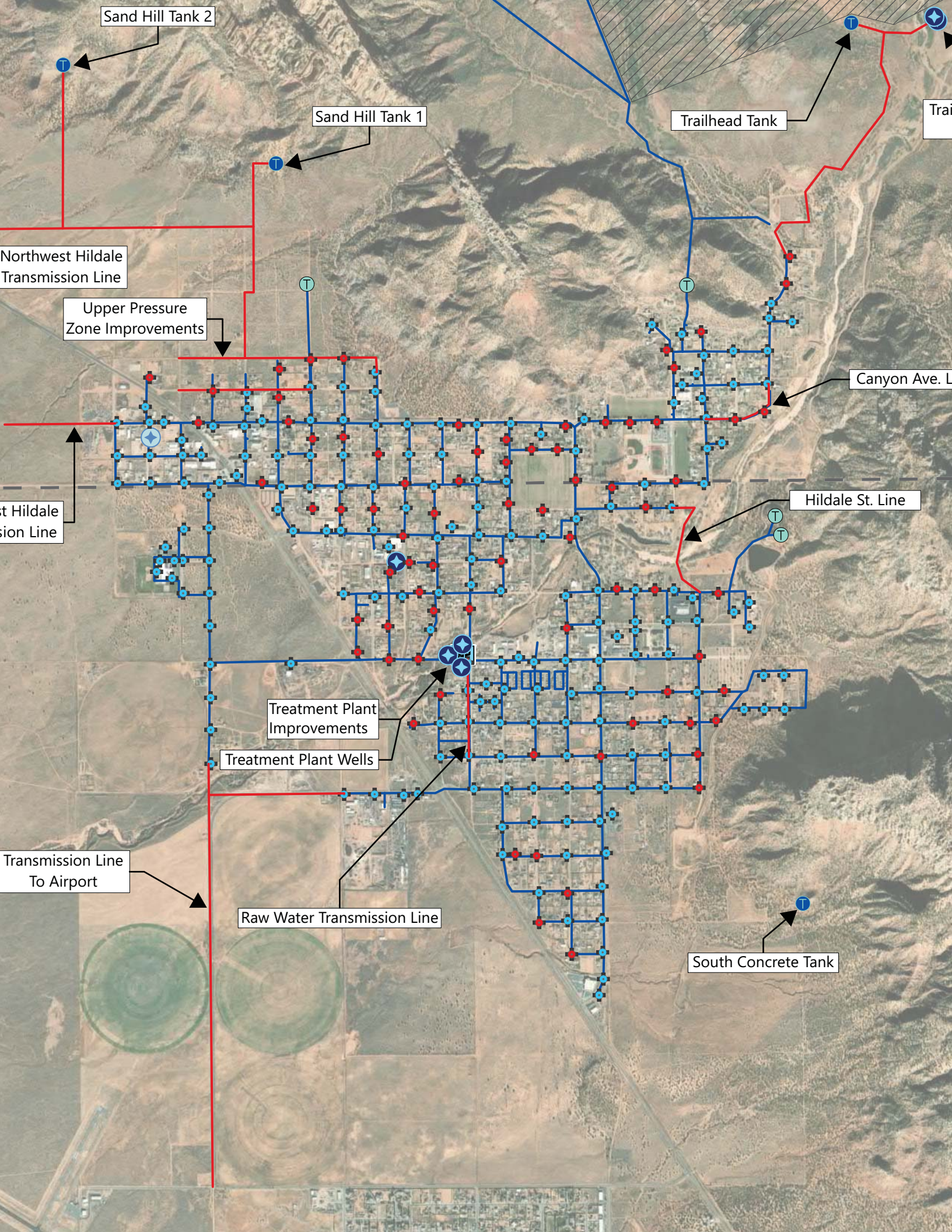














# APPENDIX E

## Impact Fee Analysis

Impact Fee Projects & Impact Fee Eligibility

Source Projects	Current Costs	Year	Costs w/ Inflation*	Financed Costs**	% IF EL.	IF EL. Cost	% Hildale	Hildale IF EL. Cost	% Colorado City	Colorado City IF EL. Cost
Treatment Plant Wells	\$ 1,288,700.00	2024	\$ 1,327,361	\$ 976,695	0.0%	\$ -	50%	\$ -	50%	\$ -
5 Year AZ Well Field	\$ 3,333,400.00	2026	\$ 3,642,496	\$ 2,680,212	84.3%	\$ 2,259,419	50%	\$ 1,129,709.55	50%	\$ 1,129,709.55
5 Year UT Well Field	\$ 6,923,700.00	2026	\$ 7,565,714	\$ 5,566,985	84.3%	\$ 4,692,968	50%	\$ 2,346,484.00	50%	\$ 2,346,484.07
10 Year AZ Well Field	\$ 3,809,600.00	2032	\$ 4,970,664	\$ 3,657,502	100.0%	\$ 3,657,502	50%	\$ 1,828,750.00	50%	\$ 1,828,750.76
10 Year UT Well Field	\$ 7,912,800.00	2032	\$ 10,324,409	\$ 7,596,881	100.0%	\$ 7,596,881	50%	\$ 3,798,440.52	50%	\$ 3,798,440.52
			<b>Sub total</b>	<b>\$ 20,478,275</b>		<b>\$ 18,206,770</b>		<b>\$ 9,103,383</b>		<b>\$ 9,103,385</b>
<b>Storage Projects</b>										
Sandhill Tank 1	\$ 5,938,100.00	2025	\$ 6,299,730	\$ 4,635,452	100.0%	\$ 4,635,452	70%	\$ 3,244,816.00	30%	\$ 1,390,635.54
			<b>Sub total</b>	<b>\$ 4,635,452</b>		<b>\$ 4,635,452</b>		<b>\$ 3,244,816</b>		<b>\$ 1,390,636</b>
<b>Water Treatment Projects</b>										
Raw Water Transmission Line	\$ 1,092,500.00	2024	\$ 1,125,275	\$ 827,997	0.0%	\$ -	50%	\$ -	50%	\$ -
Small Treatment Plant (1,600 gpm)	\$ 5,904,800.00	2025	\$ 6,264,402	\$ 4,609,457	100.0%	\$ 4,609,457	50%	\$ 2,304,728.00	50%	\$ 2,304,728.44
			<b>Sub total</b>	<b>\$ 5,437,454</b>		<b>\$ 4,609,457</b>		<b>\$ 2,304,728</b>		<b>\$ 2,304,728</b>
<b>Distribution System Projects</b>										
Fire Hydrant Project	\$ 1,733,500.00	2024	\$ 1,785,505	\$ 1,313,806	0.0%	\$ -	50%	\$ -	50%	\$ -
Upper Pressure Zone Improvements	\$ 846,500.00	2026	\$ 924,993	\$ 680,626	50.0%	\$ 340,313	100%	\$ 340,313.00	0%	\$ -
Canyon St. Line	\$ 388,900.00	2028	\$ 450,842	\$ 331,737	0.0%	\$ -	50%	\$ -	50%	\$ -
Northwest Hildale Transmission Line	\$ 1,977,400.00	2028	\$ 2,292,349	\$ 1,686,750	100.0%	\$ 1,686,750	100%	\$ 1,686,750.00	0%	\$ -
Hildale St. Line	\$ 454,390.00	2030	\$ 558,842	\$ 411,206	0.0%	\$ -	50%	\$ -	50%	\$ -
			<b>Sub total</b>	<b>\$ 4,424,126</b>		<b>\$ 2,027,063</b>		<b>\$ 2,027,063</b>		<b>\$ -</b>
<b>Future Planning Projects</b>										
Capital Facilities Plan and IFFP & IFA Updta	\$ 60,000	2028	\$ 69,556	\$ 79,474	100.0%	\$ 79,474	50%	\$ 39,737.00	50%	\$ 39,737.17
			<b>Sub total</b>	<b>\$ 79,474</b>		<b>\$ 79,474</b>		<b>\$ 39,737</b>		<b>\$ 39,737</b>
			<b>Total</b>	<b>\$ 35,054,781</b>		<b>\$ 29,558,216</b>		<b>\$ 16,719,727</b>	<b>Impact Fee Amount</b>	<b>\$ 12,838,486</b>
							Number ERU Start 2024	468	Number ERU Start 2024	847
							Number ERU End 2033	1,797	Number ERU End 2033	1,934
							Number New ERU	1,329	Number New ERU	1,087
							<b>Impact Fee per ERU</b>	<b>\$ 12,580.00</b>	<b>Impact Fee per ERU</b>	<b>\$ 11,807.00</b>

\* Inflation is assumed at 3%

\*\*Financed costs assume a 20-year 4% interest loan



TOWN OF COLORADO CITY  
REVENUES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	<u>TAXES</u>					
10-31-100	STATE SALES TAX	12,612.41	207,533.40	379,358.00	171,824.60	54.7
10-31-200	LOCAL SALES TAX	331,748.72	1,283,611.56	2,000,000.00	716,388.44	64.2
10-31-300	VEHICLE LICENSES TAXES	15,679.52	120,637.75	222,193.00	101,555.25	54.3
	<b>TOTAL TAXES</b>	<b>360,040.65</b>	<b>1,611,782.71</b>	<b>2,601,551.00</b>	<b>989,768.29</b>	<b>62.0</b>
	<u>LICENSES AND PERMITS</u>					
10-32-100	BUSINESS LICENSES	538.53	1,881.53	3,000.00	1,118.47	62.7
10-32-200	BUILDING PERMITS	6,254.71	48,076.26	150,000.00	101,923.74	32.1
10-32-300	DOG LICENSES	70.00	470.00	800.00	330.00	58.8
10-32-400	STR PERMITS	.00	.00	3,000.00	3,000.00	.0
	<b>TOTAL LICENSES AND PERMITS</b>	<b>6,863.24</b>	<b>50,427.79</b>	<b>156,800.00</b>	<b>106,372.21</b>	<b>32.2</b>
	<u>INTERGOVERNMENTAL REVENUE</u>					
10-33-400	URS (VOTER APPROVED LOCAL REV	.00	394,174.90	675,779.00	281,604.10	58.3
10-33-500	HILDALE POLICE IGA	.00	217,639.41	412,066.00	194,426.59	52.8
10-33-550	HILDALE DISPATCH IGA	13,247.00	97,093.00	114,171.00	17,078.00	85.0
10-33-555	SCHOOL DISTRICT IGA	.00	.00	5,000.00	5,000.00	.0
10-33-700	FIRE DISTRICT IGA	.00	53,064.00	158,969.00	105,905.00	33.4
	<b>TOTAL INTERGOVERNMENTAL REVENUE</b>	<b>13,247.00</b>	<b>761,971.31</b>	<b>1,365,985.00</b>	<b>604,013.69</b>	<b>55.8</b>
	<u>CHARGES FOR SERVICES</u>					
10-34-100	CHARGES FOR SERVICES	6,577.05	51,915.98	60,000.00	8,084.02	86.5
10-34-200	LEASE REVENUE	2,850.00	27,732.99	65,000.00	37,267.01	42.7
	<b>TOTAL CHARGES FOR SERVICES</b>	<b>9,427.05</b>	<b>79,648.97</b>	<b>125,000.00</b>	<b>45,351.03</b>	<b>63.7</b>
	<u>FINES AND FORFEITURES</u>					
10-35-100	FINES AND FORFEITURES	6,575.17	27,803.66	30,000.00	2,196.34	92.7
10-35-200	LOCAL COURT ENHANCEMENT FUND	200.20	1,939.93	2,000.00	60.07	97.0
	<b>TOTAL FINES AND FORFEITURES</b>	<b>6,775.37</b>	<b>29,743.59</b>	<b>32,000.00</b>	<b>2,256.41</b>	<b>93.0</b>

TOWN OF COLORADO CITY  
REVENUES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>SUNDRY REVENUES</u>					
10-38-100 INTEREST	.00	32,867.65	35,000.00	2,132.35	93.9
10-38-400 INSURANCE FROM ISF	.00	24,547.04	64,000.00	39,452.96	38.4
10-38-450 RMF FROM ENTERPRISE FUNDS	.00	5,954.84	21,425.00	15,470.16	27.8
10-38-455 TUITION REIMBURSEMENT FUND	.00	3,172.53	.00	( 3,172.53)	.0
10-38-600 COIRC FROM ENTERPRISE FUNDS	179.67	25,214.11	29,788.00	4,573.89	84.7
10-38-900 MISCELLANEOUS	.00	3,355.39	50,000.00	46,644.61	6.7
TOTAL SUNDRY REVENUES	179.67	95,111.56	200,213.00	105,101.44	47.5
<u>CONTRIBUTIONS AND TRANSFERS</u>					
10-39-100 CONTRIBUTIONS	.00	1,880.40	5,000.00	3,119.60	37.6
TOTAL CONTRIBUTIONS AND TRANSFERS	.00	1,880.40	5,000.00	3,119.60	37.6
TOTAL FUND REVENUE	396,532.98	2,630,566.33	4,486,549.00	1,855,982.67	58.6

TOWN OF COLORADO CITY  
EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>ADMINISTRATIVE</u>						
10-43-110	SALARIES AND WAGES	29,862.76	230,664.39	403,439.00	172,774.61	57.2
10-43-130	EMPLOYEE BENEFITS	14,144.83	58,017.21	100,179.00	42,161.79	57.9
10-43-210	LEGAL	1,602.50	7,628.50	25,000.00	17,371.50	30.5
10-43-215	PROFESSIONAL SERVICES	2,771.82	67,629.96	70,000.00	2,370.04	96.6
10-43-240	SUPPLIES	3,192.06	15,440.92	16,007.00	566.08	96.5
10-43-310	LICENSES AND MISC FEES	2,497.97	28,043.29	50,000.00	21,956.71	56.1
10-43-330	PRINTING AND POSTAGE	230.24	5,089.62	5,000.00	( 89.62)	101.8
10-43-350	INSURANCE	.00	90,604.30	90,000.00	( 604.30)	100.7
10-43-355	RISK MANAGEMENT FUND	1,275.75	8,678.17	15,309.00	6,630.83	56.7
10-43-360	TUITION REIMBURSEMENT FUND	516.67	2,066.68	6,200.00	4,133.32	33.3
10-43-400	TRAVEL AND TRAINING	3,496.10	17,185.20	30,000.00	12,814.80	57.3
10-43-450	INTEREST COSTS	.00	.00	200.00	200.00	.0
10-43-480	USE TAXES	.83	6,205.34	7,000.00	794.66	88.7
10-43-500	VEHICLE/EQUIP RENTAL & LEASE	.00	.00	12,500.00	12,500.00	.0
10-43-520	FUEL AND OIL	602.05	3,744.52	6,000.00	2,255.48	62.4
10-43-530	UTILITIES	2,058.05	11,682.33	27,147.00	15,464.67	43.0
10-43-550	TELEPHONE	1,600.67	9,494.26	15,000.00	5,505.74	63.3
10-43-570	COMMUNITY ENGAGEMENT	.00	2,910.51	30,000.00	27,089.49	9.7
10-43-600	EQUIPMENT REPAIR AND MAINT	308.76	6,225.28	8,000.00	1,774.72	77.8
10-43-640	BUILDING & GROUNDS MAINTENANCE	1,113.27	19,895.66	10,000.00	( 9,895.66)	199.0
10-43-740	EQUIPMENT PURCHASES	1,426.81	16,877.72	10,000.00	( 6,877.72)	168.8
TOTAL ADMINISTRATIVE		66,701.14	608,083.86	936,981.00	328,897.14	64.9
<u>BUILDING DEPARTMENT</u>						
10-51-110	SALARIES AND WAGES	5,590.84	41,579.86	105,115.00	63,535.14	39.6
10-51-130	EMPLOYEE BENEFITS	2,212.37	10,389.14	25,726.00	15,336.86	40.4
10-51-215	PROFESSIONAL SERVICES	313.75	4,696.80	15,000.00	10,303.20	31.3
10-51-240	SUPPLIES	.00	3,167.73	500.00	( 2,667.73)	633.6
10-51-310	LICENSES & MISC. FEES	160.00	3,690.29	2,500.00	( 1,190.29)	147.6
10-51-330	PRINTING AND POSTAGE	.00	372.91	800.00	427.09	46.6
10-51-400	TRAVEL AND TRAINING	.00	7,588.50	6,000.00	( 1,588.50)	126.5
10-51-520	FUEL AND OIL	51.77	425.12	1,000.00	574.88	42.5
10-51-540	TOOLS AND SMALL EQUIPMENT	.00	460.14	250.00	( 210.14)	184.1
10-51-550	TELEPHONE	58.18	325.17	1,500.00	1,174.83	21.7
10-51-600	EQUIPMENT REPAIR AND MAINT	.00	919.40	2,000.00	1,080.60	46.0
10-51-740	EQUIPMENT PURCHASES	.00	.00	6,000.00	6,000.00	.0
10-51-800	TRANSFERS TO DEBT SERVICE	.00	9,132.08	9,132.00	( .08)	100.0
TOTAL BUILDING DEPARTMENT		8,386.91	82,747.14	175,523.00	92,775.86	47.1

TOWN OF COLORADO CITY  
EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>LAW ENFORCEMENT</u>					
10-54-110	SALARIES AND WAGES	67,811.40	549,899.80	833,868.00	283,968.20	66.0
10-54-130	EMPLOYEE BENEFITS	17,711.40	134,012.36	236,180.00	102,167.64	56.7
10-54-215	PROFESSIONAL SERVICES	2,606.97	20,510.68	10,000.00	( 10,510.68)	205.1
10-54-230	K-9	89.65	1,140.38	5,000.00	3,859.62	22.8
10-54-240	SUPPLIES	825.20	5,623.28	12,000.00	6,376.72	46.9
10-54-250	UNIFORMS AND ACCESSORIES	3,816.52	8,035.40	9,000.00	964.60	89.3
10-54-330	PRINTING AND POSTAGE	58.90	567.22	600.00	32.78	94.5
10-54-400	TRAVEL AND TRAINING	712.28	13,540.40	20,000.00	6,459.60	67.7
10-54-510	ANIMAL CONTROL	.00	1,156.43	1,500.00	343.57	77.1
10-54-520	FUEL AND OIL	3,058.81	21,922.85	41,500.00	19,577.15	52.8
10-54-530	UTILITIES	921.52	14,417.08	20,000.00	5,582.92	72.1
10-54-550	TELEPHONE	1,197.93	5,705.36	7,500.00	1,794.64	76.1
10-54-600	EQUIPMENT REPAIR AND MAINT	14,636.54	74,654.31	15,000.00	( 59,654.31)	497.7
10-54-640	BUILDING & GROUNDS MAINTENANCE	88.54	14,620.44	5,000.00	( 9,620.44)	292.4
10-54-740	EQUIPMENT PURCHASES	( 1,780.61)	21,413.92	15,000.00	( 6,413.92)	142.8
10-54-800	TRANSFERS TO DEBT SERVICE	.00	77,076.55	97,097.00	20,020.45	79.4
	<u>TOTAL LAW ENFORCEMENT</u>	<u>111,755.05</u>	<u>964,296.46</u>	<u>1,329,245.00</u>	<u>364,948.54</u>	<u>72.5</u>
	<u>MAGISTRATE COURT</u>					
10-55-110	SALARIES AND WAGES	1,482.94	11,792.32	19,270.00	7,477.68	61.2
10-55-130	EMPLOYEE BENEFITS	117.22	932.14	3,006.00	2,073.86	31.0
10-55-210	LEGAL	8,739.74	41,979.16	35,000.00	( 6,979.16)	119.9
10-55-215	PROFESSIONAL SERVICES	.00	.00	500.00	500.00	.0
10-55-240	SUPPLIES	.00	.00	300.00	300.00	.0
10-55-420	JAIL AND INDIGENT COUNCIL	1,124.10	14,860.51	15,000.00	139.49	99.1
10-55-490	CONSOLIDATED COURT IGA	.00	.00	70,000.00	70,000.00	.0
10-55-740	COURT ENHANCEMENT PROJECT	.00	24,613.13	28,690.00	4,076.87	85.8
	<u>TOTAL MAGISTRATE COURT</u>	<u>11,464.00</u>	<u>94,177.26</u>	<u>171,766.00</u>	<u>77,588.74</u>	<u>54.8</u>

TOWN OF COLORADO CITY  
EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>DISPATCH</u>					
10-57-110	SALARIES AND WAGES	30,214.26	221,615.32	379,929.00	158,313.68	58.3
10-57-130	EMPLOYEE BENEFITS	5,287.81	36,482.05	94,446.00	57,963.95	38.6
10-57-210	LEGAL	.00	1,086.50	.00	( 1,086.50)	.0
10-57-215	PROFESSIONAL SERVICES	1,616.65	23,312.02	15,000.00	( 8,312.02)	155.4
10-57-240	SUPPLIES	14.71	846.14	2,720.00	1,873.86	31.1
10-57-250	UNIFORMS AND ACCESSORIES	.00	544.21	2,000.00	1,455.79	27.2
10-57-330	PRINTING AND POSTAGE	13.20	79.20	300.00	220.80	26.4
10-57-400	TRAVEL AND TRAINING	665.82	9,721.20	6,000.00	( 3,721.20)	162.0
10-57-550	TELEPHONE	202.92	1,418.40	3,500.00	2,081.60	40.5
10-57-570	GIS/MAPPING PROGRAM	.00	.00	2,500.00	2,500.00	.0
10-57-580	CAD PROGRAM	.00	.00	6,000.00	6,000.00	.0
10-57-600	EQUIPMENT REPAIR AND MAINT	794.89	2,102.88	7,500.00	5,397.12	28.0
10-57-740	EQUIPMENT PURCHASES	.00	3,151.88	10,000.00	6,848.12	31.5
10-57-800	TRANSFERS TO DEBT SERVICE	.00	8,977.50	.00	( 8,977.50)	.0
	TOTAL DISPATCH	38,810.26	309,337.30	529,895.00	220,557.70	58.4
	<u>PARKS AND RECREATION</u>					
10-70-110	SALARIES AND WAGES	5,098.36	37,780.24	52,640.00	14,859.76	71.8
10-70-130	EMPLOYEE BENEFITS	1,853.10	10,463.69	18,394.00	7,930.31	56.9
10-70-215	PROFESSIONAL SERVICES	.00	118.60	500.00	381.40	23.7
10-70-240	SUPPLIES	99.00	3,000.64	2,579.00	( 421.64)	116.4
10-70-400	TRAVEL AND TRAINING	1,567.78	2,133.03	1,500.00	( 633.03)	142.2
10-70-500	EQUIPMENT RENTAL AND LEASE	.00	.00	500.00	500.00	.0
10-70-520	FUEL AND OIL	353.16	3,105.53	2,000.00	( 1,105.53)	155.3
10-70-530	UTILITIES	688.38	6,422.24	15,000.00	8,577.76	42.8
10-70-540	TOOLS AND SMALL EQUIPMENT	.00	2,102.16	2,000.00	( 102.16)	105.1
10-70-600	EQUIPMENT REPAIR AND MAINT	80.18	2,299.22	3,000.00	700.78	76.6
10-70-640	BUILDING & GROUNDS MAINTENANCE	44.50	344.14	10,000.00	9,655.86	3.4
10-70-740	EQUIPMENT PURCHASES	.00	.00	5,000.00	5,000.00	.0
10-70-750	CAPITAL IMPROVEMENTS	.00	.00	10,000.00	10,000.00	.0
	TOTAL PARKS AND RECREATION	9,784.46	67,769.49	123,113.00	55,343.51	55.1

TOWN OF COLORADO CITY  
EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	<u>AIRPORT</u>					
10-72-110	SALARIES AND WAGES	600.00	4,350.00	10,238.00	5,888.00	42.5
10-72-130	EMPLOYEE BENEFITS	49.84	546.58	647.00	100.42	84.5
10-72-200	AIRPORT MANAGER CONTRACT	4,800.00	33,600.00	57,600.00	24,000.00	58.3
10-72-240	SUPPLIES	286.07	1,322.48	2,500.00	1,177.52	52.9
10-72-250	PROFESSIONAL\ENGINEERING	.00	11,712.50	5,000.00	( 6,712.50)	234.3
10-72-310	LICENSES & MISC FEES	3.00	3.00	5,500.00	5,497.00	.1
10-72-350	INSURANCE	.00	.00	3,700.00	3,700.00	.0
10-72-400	TRAVEL AND TRAINING	.00	2,676.89	5,000.00	2,323.11	53.5
10-72-520	FUEL AND OIL	262.84	1,616.98	1,800.00	183.02	89.8
10-72-530	UTILITIES	358.77	7,368.64	12,000.00	4,631.36	61.4
10-72-550	TELEPHONE	43.12	257.37	750.00	492.63	34.3
10-72-600	EQUIPMENT REPAIR & MAINTENANCE	212.73	1,157.54	5,000.00	3,842.46	23.2
10-72-640	BUILDING & GROUNDS MAINTENANCE	.00	1,876.97	5,000.00	3,123.03	37.5
10-72-740	EQUIPMENT PURCHASES	3,082.70	16,228.27	5,000.00	( 11,228.27)	324.6
10-72-750	CAPITAL IMPROVEMENTS	.00	.00	30,000.00	30,000.00	.0
	TOTAL AIRPORT	9,699.07	82,717.22	149,735.00	67,017.78	55.2
	<u>COMMUNITY DEVELOPMENT</u>					
10-78-210	ECONOMIC DEVELOPMENT	.00	.00	1,000.00	1,000.00	.0
10-78-300	INDUSTRIAL PARK IMPROVEMENTS	.00	.00	30,000.00	30,000.00	.0
10-78-490	CAPITAL IMPROVEMENT PROJECTS	.00	225,912.66	745,000.00	519,087.34	30.3
10-78-710	CONTINGENCIES	.00	91,558.78	100,000.00	8,441.22	91.6
10-78-720	COURT OVERSIGHT CONTINGENCY	3,170.79	47,551.35	78,160.00	30,608.65	60.8
10-78-730	RISK MANAGEMENT CONTINGENCY	.00	.00	100,000.00	100,000.00	.0
	TOTAL COMMUNITY DEVELOPMENT	3,170.79	365,022.79	1,054,160.00	689,137.21	34.6
	TOTAL FUND EXPENDITURES	259,771.68	2,574,151.52	4,470,418.00	1,896,266.48	57.6
	NET REVENUE OVER EXPENDITURES	136,761.30	56,414.81	16,131.00	( 40,283.81)	349.7

TOWN OF COLORADO CITY  
REVENUES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

HIGHWAY USERS FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	<u>INTERGOVERNMENTAL REVENUE</u>					
20-33-400	HIGHWAY USER REVENUE FUND	25,346.86	165,999.81	292,605.00	126,605.19	56.7
20-33-500	SPECIAL PROJECTS	.00	.00	60,000.00	60,000.00	.0
	TOTAL INTERGOVERNMENTAL REVENUE	25,346.86	165,999.81	352,605.00	186,605.19	47.1
	TOTAL FUND REVENUE	25,346.86	165,999.81	352,605.00	186,605.19	47.1

TOWN OF COLORADO CITY  
EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 7 MONTHS ENDING JANUARY 31, 2024

HIGHWAY USERS FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>STREETS &amp; ROADS EXPENDITURES</u>					
20-60-110 SALARIES AND WAGES	23,320.24	179,213.66	293,714.00	114,500.34	61.0
20-60-130 EMPLOYEE BENEFITS	7,526.97	51,355.91	102,546.00	51,190.09	50.1
20-60-240 SUPPLIES	562.37	20,729.04	17,682.00	( 3,047.04)	117.2
20-60-250 PROFESSIONAL\ENGINEERING	407.98	3,909.14	5,000.00	1,090.86	78.2
20-60-280 ROAD MATERIALS/PAVING	6,251.57	34,665.70	67,600.00	32,934.30	51.3
20-60-310 LICENSES AND MISC FEES	180.00	5,090.55	10,000.00	4,909.45	50.9
20-60-330 PRINTING AND POSTAGE	.00	42.60	.00	( 42.60)	.0
20-60-400 TRAVEL AND TRAINING	.00	4,307.89	7,000.00	2,692.11	61.5
20-60-500 EQUIPMENT RENTAL & LEASE	.00	.00	2,000.00	2,000.00	.0
20-60-520 FUEL AND OIL	4,160.44	38,860.45	60,000.00	21,139.55	64.8
20-60-530 UTILITIES	1,615.44	10,159.56	36,000.00	25,840.44	28.2
20-60-535 STREET LIGHTS	689.81	4,828.67	7,500.00	2,671.33	64.4
20-60-540 TOOLS AND SMALL EQUIPMENT	.00	9,475.10	5,000.00	( 4,475.10)	189.5
20-60-550 TELEPHONE	126.79	723.52	1,600.00	876.48	45.2
20-60-600 EQUIPMENT REPAIR AND MAINT	1,630.43	59,574.16	55,000.00	( 4,574.16)	108.3
20-60-640 BUILDING & GROUNDS MAINTENANCE	344.96	6,762.10	5,000.00	( 1,762.10)	135.2
20-60-740 EQUIPMENT PURCHASES	.00	61,847.66	25,000.00	( 36,847.66)	247.4
20-60-745 SPECIAL PROJECTS	.00	.00	60,000.00	60,000.00	.0
20-60-800 TRANSFERS TO DEBT SERVICE	.00	102,988.03	115,581.00	12,592.97	89.1
TOTAL STREETS & ROADS EXPENDITURES	46,817.00	594,533.74	876,223.00	281,689.26	67.9
TOTAL FUND EXPENDITURES	46,817.00	594,533.74	876,223.00	281,689.26	67.9
NET REVENUE OVER EXPENDITURES	( 21,470.14)	( 428,533.93)	( 523,618.00)	( 95,084.07)	( 81.8)



## Report Criteria:

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
<b>GENERAL FUND</b>							
<b>10-21350 TPT TAXES PAYABLE</b>							
218	AZ DEPT OF REVENUE/US	DECEMBER 2	SALES & TPT	01/22/2024	4,614.43	4,614.43	01/22/2024
<b>10-21400 AZ STATE COURT PAYABLE</b>							
232	AZ STATE TREASURER/COURT	DECEMBER 2	FINES REMITTANCE/5832	01/16/2024	3,628.22	3,628.22	01/18/2024
<b>10-21450 FINE SURCHARGE PAYABLE</b>							
880	MOHAVE COUNTY TREASURER	DECEMBER 2	COURT SERVICES	01/16/2024	18.54	18.54	01/18/2024
<b>10-21455 REFUNDABLE DEPOSITS PAYABLE</b>							
2126	EDMUND BARLOW	VACC DEPOSI	Vaccination Deposit Refund	02/02/2024	40.00	.00	
2124	ERNEST BLACK	VACCINATION	Vaccination Deposit Refund	01/29/2024	40.00	40.00	01/31/2024
2125	LEROY J BARLOW	VACC DEPOSI	Vaccination Deposit Refund	01/26/2024	40.00	40.00	01/31/2024
<b>10-22230 STATE WITHHOLDING PAYABLE</b>							
220	AZ DEPT OF REVENUE/WITHH	4TH QUARTE	QRTLY WITHHOLDINGS REPOR	01/05/2024	21,986.00	21,986.00	01/09/2024
<b>10-22250 WORKERS COMPENSATION PAYABLE</b>							
102	AMRRP	11052024	POLICY RENEWAL	01/05/2024	25,322.27	25,322.27	01/09/2024
<b>10-22500 HEALTH INSURANCE PAYABLE</b>							
1739	ALLIED BENEFIT SYSTEMS INC	0000852820	INSURANCE PREMIUM	01/21/2024	26,774.29	26,774.29	01/23/2024
1186	GUARDIAN LIFE INSURANCE C	JANUARY 202	Life, Dental, and Vision Insurance	01/22/2024	4,545.49	4,545.49	01/22/2024
Total :					87,009.24	86,969.24	
<b>ADMINISTRATIVE</b>							
<b>10-43-130 EMPLOYEE BENEFITS</b>							
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- A. BA	01/23/2024	173.65	173.65	01/24/2024
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- R. W	01/23/2024	2,571.25	2,571.25	01/24/2024
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- V. BA	01/23/2024	4,066.40	4,066.40	01/24/2024
<b>10-43-210 LEGAL</b>							
644	BARRETT & MATURA	56515	LEGAL	01/09/2024	240.00	240.00	01/18/2024
840	MANGUM, WALL STOOPS & WA	26-0390M 210	LEGAL	01/05/2024	1,362.50	1,362.50	01/09/2024
840	MANGUM, WALL STOOPS & WA	26-0390M 211	ADMIN	02/02/2024	1,967.50	1,967.50	02/06/2024
<b>10-43-215 Professional Services</b>							
120	ADVANCED NETWORK CONSUL	2718	ADMIN	01/02/2024	374.42	374.42	02/05/2024
120	ADVANCED NETWORK CONSUL	2720	ADMIN	01/10/2024	759.17	759.17	01/18/2024
120	ADVANCED NETWORK CONSUL	2721	ADMIN	01/21/2024	1,037.81	1,037.81	01/22/2024
120	ADVANCED NETWORK CONSUL	2722	ADMIN	01/21/2024	974.84	974.84	01/22/2024
120	ADVANCED NETWORK CONSUL	2723	ADMIN	02/06/2024	818.51	.00	
120	ADVANCED NETWORK CONSUL	2724	ADMIN	02/06/2024	1,439.23	.00	
<b>10-43-240 SUPPLIES</b>							
2121	NATIONAL BUSINESS FURNITU	MK601716-GH	Bulletin Boards	01/05/2024	1,349.20	1,349.20	01/18/2024
1004	PURE PH8, INC.	100446	WATER DELIVERY SERVICE TO	01/12/2024	25.43	25.43	01/18/2024
1004	PURE PH8, INC.	100469	WATER DELIVERY SERVICE TO	01/17/2024	25.43	25.43	01/18/2024
1004	PURE PH8, INC.	100514	WATER DELIVERY SERVICE TO	01/24/2024	12.73	12.73	01/31/2024
1004	PURE PH8, INC.	100562	City Hall 5 gal and 16.9oz water b	01/31/2024	39.15	39.15	02/05/2024
1012	QUILL CORPORATION	36413847.	Voice Recorder	01/02/2024	65.27	65.27	01/22/2024
1012	QUILL CORPORATION	36446512.	File Folders	01/03/2024	67.45	67.45	01/22/2024
1012	QUILL CORPORATION	36571195	SUPPLIES	01/09/2024	3.58	3.58	01/23/2024
1012	QUILL CORPORATION	36783944	Office chairs for HR room	02/01/2024	1,122.77	.00	
1012	QUILL CORPORATION	ONLINE CC P	Duplicate pmt made on 10-6-23 ia	01/02/2024	134.55	134.55	01/19/2024
1623	US BANK CREDIT CARD	01092024	Staples Office Supplies	01/09/2024	116.29	116.29	01/09/2024
1623	US BANK CREDIT CARD	01092024	Staples HDMI Adapter	01/09/2024	27.19	27.19	01/09/2024
1623	US BANK CREDIT CARD	01092024	Batteries for Office	01/09/2024	51.53	51.53	01/09/2024
1623	US BANK CREDIT CARD	01092024	OFFICE Decor	01/09/2024	34.73	34.73	01/09/2024
1623	US BANK CREDIT CARD	01092024	Coffee Pods	01/09/2024	40.00	40.00	01/09/2024

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
1623	US BANK CREDIT CARD	01092024	OFFICE decor	01/09/2024	4.24	4.24	01/09/2024
1623	US BANK CREDIT CARD	01092024	End of year office dinner supplies	01/09/2024	15.20	15.20	01/09/2024
1623	US BANK CREDIT CARD	01092024	Kitchen supplies	01/09/2024	19.74	19.74	01/09/2024
1623	US BANK CREDIT CARD	01092024	Kitchen supplies	01/09/2024	35.07	35.07	01/09/2024
1623	US BANK CREDIT CARD	01092024	Kitchen supplies	01/09/2024	140.81	140.81	01/09/2024
1623	US BANK CREDIT CARD	01092024	Kitchen supplies	01/09/2024	18.09	18.09	01/09/2024
1623	US BANK CREDIT CARD	01092024	Aux Cable	01/09/2024	7.58	7.58	01/09/2024
1623	US BANK CREDIT CARD	01092024	Kitchen supplies	01/09/2024	18.54	18.54	01/09/2024
1623	US BANK CREDIT CARD	01092024	End of year office dinner	01/09/2024	2.67	2.67	01/09/2024
1623	US BANK CREDIT CARD	01092024	End of year office dinner	01/09/2024	460.83	460.83	01/09/2024
1623	US BANK CREDIT CARD	01092024	End of Year Office Dinner	01/09/2024	71.68	71.68	01/09/2024
1623	US BANK CREDIT CARD	01092024	End of year office dinner	01/09/2024	20.41	20.41	01/09/2024
1623	US BANK CREDIT CARD	01092024	Flowroute Outbound Telephone C	01/09/2024	30.00	30.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	Airport Board Baskets for Dan and	01/09/2024	107.50	107.50	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Office kitchen supplies	01/31/2024	18.61	18.61	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Office kitchen supplies	01/31/2024	7.40	7.40	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Office kitchen and janitorial suppli	01/31/2024	155.58	155.58	01/31/2024
1761	VIOLET DOCKSTADER	855768	SUPPLIES	01/25/2024	19.50	19.50	01/31/2024
<b>10-43-310 LICENSES AND MISC FEES</b>							
1899	BIGLEAF NETWORKS	INV80726	LICENSES & MISC FEES	01/01/2024	1,740.93	1,740.93	01/22/2024
390	CASELLE, INC.	129793	SUPPORT CHARGES	01/01/2024	687.00	687.00	01/09/2024
2045	DAT MANAGEMENT	43672	LATE FEE	02/01/2024	25.00	.00	
1623	US BANK CREDIT CARD	01092024	Amazon Prime Sub - IT	01/09/2024	16.28	16.28	01/09/2024
1623	US BANK CREDIT CARD	01092024	Audible sub	01/09/2024	16.24	16.24	01/09/2024
1623	US BANK CREDIT CARD	01092024	Records Request for Shirleys Car	01/09/2024	5.00	5.00	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	IT Amazon Prime membership	01/31/2024	16.28	16.28	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Audible Sub	01/31/2024	16.24	16.24	01/31/2024
<b>10-43-330 PRINTING AND POSTAGE</b>							
1623	US BANK CREDIT CARD	01092024	Certified postage	01/09/2024	4.35	4.35	01/09/2024
1623	US BANK CREDIT CARD	01092024	Stamps	01/09/2024	132.00	132.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	Shipping Tube and Postage	01/09/2024	6.18	6.18	01/09/2024
1623	US BANK CREDIT CARD	01092024	Shipping Tube and Postage	01/09/2024	14.90	14.90	01/09/2024
1623	US BANK CREDIT CARD	01092024	Stamps	01/09/2024	67.80	67.80	01/09/2024
1623	US BANK CREDIT CARD	01092024	Certified Mail Postage	01/09/2024	5.01	5.01	01/09/2024
<b>10-43-350 INSURANCE</b>							
102	AMRRP	40006627-020	POLICY RENEWAL	02/05/2024	28,449.00	28,449.00	02/05/2024
<b>10-43-400 TRAVEL AND TRAINING</b>							
310	BARLOW, VANCE	ACMA WINTE	TRAVEL	01/26/2024	151.80	151.80	01/31/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	FUEL FOR MOHAVE COUNTY W	01/22/2024	57.96	57.96	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	FUELI CREDIT	01/22/2024	.58-	.58-	01/22/2024
2123	PSPRS	MARCH CONF	2024 March Conference	01/18/2024	75.00	75.00	01/18/2024
2037	REAM, HOWARD S.	MOHAVE AND	TRAVEL	01/29/2024	69.00	69.00	02/05/2024
2037	REAM, HOWARD S.	SENATOR KEL	TRAVEL	01/11/2024	124.20	124.20	01/18/2024
1623	US BANK CREDIT CARD	01092024	2024 ACMA Winter Conf Registrat	01/09/2024	400.00	400.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	Fuel for Elections Training	01/09/2024	90.05	90.05	01/09/2024
1623	US BANK CREDIT CARD	01092024	Hotel for Elections Training	01/09/2024	189.36	189.36	01/09/2024
1623	US BANK CREDIT CARD	01092024	2024 GFOAz Winter Conference	01/09/2024	190.00	190.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	Fuel for Elections Training	01/09/2024	60.24	60.24	01/09/2024
1623	US BANK CREDIT CARD	01092024	Hotel for Elections Training	01/09/2024	472.69	472.69	01/09/2024
1623	US BANK CREDIT CARD	01092024	Fuel for Elections Training	01/09/2024	56.77	56.77	01/09/2024
1623	US BANK CREDIT CARD	01092024	Hotel for Elections Training	01/09/2024	432.32	432.32	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Hotel for ACMA Winter Conferenc	01/31/2024	406.29	406.29	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	UMCA Registration- Town Clerk	01/31/2024	395.00	395.00	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	UMCA Registration- Deputy Town	01/31/2024	395.00	395.00	01/31/2024
<b>10-43-480 USE TAXES</b>							
218	AZ DEPT OF REVENUE/US	DECEMBER 2	USE TAX REPORT	01/22/2024	.83	.83	01/22/2024
<b>10-43-530 UTILITIES</b>							
626	GARKANE ENERGY	1/24-1732300	Office Electricity	01/17/2024	769.34	769.34	01/23/2024

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
626	GARKANE ENERGY	1/24-1754000	Office Electricity	01/24/2024	405.41	405.41	01/31/2024
660	HILDALE CITY	1/10-3324001	UTILITY SERVICE - TOWN HALL	01/10/2024	862.49	862.49	01/18/2024
660	HILDALE CITY	JAN 24 SOUT	Admin	01/02/2024	20.81	20.81	01/18/2024
<b>10-43-550 TELEPHONE</b>							
1732	HI-SPEED.US, LLC	5345-2024020	INTERNET SERVICES	02/01/2024	139.00	139.00	02/05/2024
1112	SOUTH CENTRAL COMMUNICA	1140319B	ADMIN TELEPHONE	01/02/2024	527.01	527.01	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1140319B	ADMIN TELEPHONE	01/02/2024	299.95	299.95	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1140319B	ADMIN - FAX LINE	01/02/2024	46.93	46.93	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1140319B	ADMIN TELEPHONE	01/02/2024	38.50	38.50	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	TELEPHONE	02/02/2024	527.01	527.01	02/02/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	ADMIN TELEPHONE	02/02/2024	299.95	299.95	02/02/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	ADMIN - FAX LINE	02/02/2024	46.93	46.93	02/02/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	ADMIN TELEPHONE	02/02/2024	38.50	38.50	02/02/2024
1112	SOUTH CENTRAL COMMUNICA	1160252	ADMIN TELEPHONE	02/02/2024	20.81	20.81	02/02/2024
1445	VERIZON WIRELESS	9952308338	ADMIN	01/13/2024	549.28	549.28	01/09/2024
1445	VERIZON WIRELESS	9954779985	ADMIN	01/21/2024	601.98	601.98	02/05/2024
<b>10-43-570 COMMUNITY ENGAGEMENT</b>							
1932	Short Creek Festivities	JULY 4TH ACT	Donation for July 4th Activities	02/01/2024	10,000.00	.00	
<b>10-43-600 EQUIPMENT REPAIR AND MAINT</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	QUICK QUACK CAR WASH	01/22/2024	35.99	35.99	01/22/2024
2108	Ticker Automotive	DEC 2023	CARWASH - Admin	01/02/2024	20.00	20.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	Quick Quack Car Wash	01/09/2024	29.99	29.99	01/09/2024
1623	US BANK CREDIT CARD	01092024	Wiper Fluid	01/09/2024	15.99	15.99	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Quick Quack car wash	01/31/2024	29.99	29.99	01/31/2024
<b>10-43-640 BUILDING &amp; GROUNDS MAINTENANCE</b>							
1712	BASIC AMERICAN SUPPLY	590842	Door Hinges	01/25/2024	45.57	45.57	01/31/2024
1364	BUCK'S ACE HARDWARE	352321	Door Stops	01/25/2024	47.44	47.44	01/31/2024
672	HOME DEPOT CREDIT SERVIC	3621964	Wall Protectors and First Aid Kit	01/14/2024	62.31	62.31	01/31/2024
1012	QUILL CORPORATION	36885954	Restroom Signs	02/01/2024	18.49	.00	
1623	US BANK CREDIT CARD	01092024	Battery for door chime	01/09/2024	5.30	5.30	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Office door wedges	01/31/2024	13.82	13.82	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Office boot scrubbers	01/31/2024	86.86	86.86	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	US and Arizona Flags for Council	01/31/2024	851.97	851.97	01/31/2024
<b>10-43-740 EQUIPMENT PURCHASES</b>							
2121	NATIONAL BUSINESS FURNITU	MK601948-TD	Desk for Rosie	01/05/2024	1,242.20	1,242.20	01/31/2024
1623	US BANK CREDIT CARD	01092024	Vacuum	01/09/2024	184.61	184.61	01/09/2024
Total ADMINISTRATIVE:					72,706.60	59,282.60	
<b>BUILDING DEPARTMENT</b>							
<b>10-51-130 EMPLOYEE BENEFITS</b>							
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- A. BA	01/23/2024	868.27	868.27	01/24/2024
<b>10-51-215 Professional Services</b>							
1172	SUNRISE ENGINEERING, INC.	140004	Parcel 40453520 Lot Split	01/18/2024	313.75	313.75	01/31/2024
<b>10-51-310 LICENSES &amp; MISC. FEES</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	CODE COUNCIL MEMBERSHIP	01/22/2024	160.00	160.00	01/22/2024
<b>10-51-550 TELEPHONE</b>							
1445	VERIZON WIRELESS	9952308338	BUILDING	01/13/2024	58.18	58.18	01/09/2024
1445	VERIZON WIRELESS	9954779985	BUILDING	01/21/2024	55.28	55.28	02/05/2024
Total BUILDING DEPARTMENT:					1,455.48	1,455.48	
<b>LAW ENFORCEMENT</b>							
<b>10-54-130 EMPLOYEE BENEFITS</b>							
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- R. RA	01/23/2024	152.75	152.75	01/24/2024
<b>10-54-215 Professional Services</b>							
120	ADVANCED NETWORK CONSUL	2718	POLICE	01/02/2024	124.81	124.81	02/05/2024
120	ADVANCED NETWORK CONSUL	2720	POLICE	01/10/2024	253.06	253.06	01/18/2024

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
120	ADVANCED NETWORK CONSUL	2721	POLICE	01/21/2024	345.94	345.94	01/22/2024
120	ADVANCED NETWORK CONSUL	2722	POLICE	01/21/2024	324.95	324.95	01/22/2024
120	ADVANCED NETWORK CONSUL	2723	POLICE	02/06/2024	272.84	.00	
120	ADVANCED NETWORK CONSUL	2724	POLICE	02/06/2024	479.74	.00	
2045	DAT MANAGEMENT	43672	Pre-Employment Testing - PD	02/01/2024	37.00	.00	
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	INMATE TRANSPORT FUEL	01/22/2024	38.67	38.67	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	ADOBE CREATIVE CLOUD	01/22/2024	282.32	282.32	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	Google Suites Charge	01/22/2024	13.03	13.03	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	Hardware licensing needed for VP	01/22/2024	999.00	999.00	01/22/2024
1623	US BANK CREDIT CARD	01092024	AACOP Renewal	01/09/2024	350.00	350.00	01/09/2024
<b>10-54-230 K-9</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	KENNEL AND VEHICLE MAT FO	01/22/2024	89.65	89.65	01/22/2024
<b>10-54-240 SUPPLIES</b>							
1779	BLACK TIE PRESS	1274	BUSINESS CARDS - Ashley Mort	02/02/2024	42.60	.00	
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	OFFICE SUPPLIES	01/22/2024	70.82	70.82	01/22/2024
1623	US BANK CREDIT CARD	01092024	Copy Paper	01/09/2024	32.57	32.57	01/09/2024
1623	US BANK CREDIT CARD	01092024	Printer Toner	01/09/2024	277.12	277.12	01/09/2024
1623	US BANK CREDIT CARD	01092024	Printer Toner	01/09/2024	82.68	82.68	01/09/2024
1623	US BANK CREDIT CARD	01092024	PD Christmas Dinner Supplies	01/09/2024	68.85	68.85	01/09/2024
1623	US BANK CREDIT CARD	01092024	PD Christmas Dinner Supplies	01/09/2024	22.68	22.68	01/09/2024
1623	US BANK CREDIT CARD	01092024	PD Christmas Dinner Supplies	01/09/2024	24.36	24.36	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	PD Printer Paper	01/31/2024	209.85	209.85	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Trash bags	01/31/2024	36.27	36.27	01/31/2024
<b>10-54-250 UNIFORMS AND ACCESSORIES</b>							
1911	MEGA PRO	75497	PD Training Shirts and Hats	01/26/2024	2,842.40	2,842.40	01/31/2024
2069	THE UNIFORM CENTER	159623-1	Uniform Patches	01/02/2024	28.82	28.82	01/18/2024
1623	US BANK CREDIT CARD	01092024	Uniforms for Animal Control	01/09/2024	261.25	261.25	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	PD uniforms	01/31/2024	325.67	325.67	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	PD Uniforms	01/31/2024	358.38	358.38	01/31/2024
<b>10-54-330 PRINTING AND POSTAGE</b>							
1623	US BANK CREDIT CARD	01092024	Mailing Evidence	01/09/2024	29.45	29.45	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Evidence postage	01/31/2024	29.45	29.45	01/31/2024
<b>10-54-400 TRAVEL AND TRAINING</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	OFFICER DAVIS SRO TRAINING	01/22/2024	49.38	49.38	01/22/2024
2047	UOCA CONFERENCE REGISTR	2024 REGISTR	MEMBERSHIP DUES	01/11/2024	75.00	75.00	01/18/2024
1623	US BANK CREDIT CARD	01092024	Chapman and Associates SSO Tr	01/09/2024	295.00	295.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	Hotel for SSO Training	01/09/2024	262.90	262.90	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	ULEAP Training Power DMS	01/31/2024	15.00	15.00	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	ULEAP Training Secondary Trau	01/31/2024	15.00	15.00	01/31/2024
<b>10-54-530 UTILITIES</b>							
660	HILDALE CITY	1/10-3116100	UTILITY SERVICE - Police Statio	01/10/2024	867.52	867.52	01/18/2024
660	HILDALE CITY	1/10-3841201	UTILITY SERVICE - IMPOUND	01/10/2024	54.00	54.00	01/18/2024
<b>10-54-550 TELEPHONE</b>							
2040	AT&T MOBILITY	287306783077	TELEPHONE	01/20/2024	1,173.62	1,173.62	02/05/2024
2040	AT&T MOBILITY	287306783077	TELEPHONE	01/01/2024	1,089.10	1,089.10	01/09/2024
660	HILDALE CITY	JAN 24 SOUT	PD	01/02/2024	57.18	57.18	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1140319B	POLICE TELEPHONE	01/02/2024	51.65	51.65	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	POLICE TELEPHONE	02/02/2024	51.65	51.65	02/02/2024
1112	SOUTH CENTRAL COMMUNICA	1160252	POLICE TELEPHONE	02/02/2024	57.18	57.18	02/02/2024
<b>10-54-600 EQUIPMENT REPAIR AND MAINT</b>							
974	CARQUEST OF HILDALE	15048-151871	OIL CHANGE SUPPLIES for 1127	01/08/2024	58.48	58.48	01/18/2024
2110	DIXIE 4 WHEEL DRIVE	309554	2 inch Leveling Kit, winch brakets,	01/02/2024	3,152.91	3,152.91	01/24/2024
1554	EMERGENCY VEHICLE SYSTE	4687	Truck one and two - 2023 GMC S	01/02/2024	7,514.00	7,514.00	01/09/2024
2027	KEN GARFF ST. GEORGE FORD	4619430	Sensor for 1103	01/02/2024	151.76	151.76	01/18/2024
1840	STARSIGN	154530	2023 GMC SIERRA 1500 GRAPH	01/10/2024	2,407.08	2,407.08	01/18/2024
1716	STEPHEN WADE AUTO CENTE	5568613	sensor for 3981	01/02/2024	83.41	83.41	01/09/2024
2108	Ticker Automotive	DEC 2023	CARWASH - PD	01/02/2024	42.59	42.59	01/09/2024
2108	Ticker Automotive	JANUARY 202	CARWASH - PD	02/01/2024	86.43	86.43	02/05/2024

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
1623	US BANK CREDIT CARD	JANUARY 202	Key fob replacements	01/31/2024	23.34	23.34	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Tires for 1127	01/31/2024	1,202.97	1,202.97	01/31/2024
<b>10-54-640 BUILDING &amp; GROUNDS MAINTENANCE</b>							
1712	BASIC AMERICAN SUPPLY	585247	Trash bags and mouse traps	01/02/2024	16.27	16.27	01/09/2024
2017	HARDY, JENNIFER	ICE MELT	Ice Melt on personal card	01/08/2024	21.71	21.71	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Network Server Bracket	01/31/2024	50.56	50.56	01/31/2024
Total LAW ENFORCEMENT:					27,432.67	26,600.49	
<b>MAGISTRATE COURT</b>							
<b>10-55-210 LEGAL</b>							
840	MANGUM, WALL STOOPS & WA	26-0593M 209	LEGAL	01/05/2024	8,739.74	8,739.74	01/09/2024
840	MANGUM, WALL STOOPS & WA	26-0593M 210	COURT	02/02/2024	8,206.68	8,206.68	02/06/2024
<b>10-55-215 Professional Services</b>							
1881	WASHINGTON COUNTY ATTN:J	CHILD FIS 107	Child Forensic Interviewer Service	02/01/2024	34.00	34.00	02/06/2024
<b>10-55-420 JAIL AND INDIGENT COUNCIL</b>							
392	CATHY JOHNSTONE, ESQ. P.C.	02022024	LEGAL	02/02/2024	1,944.05	1,944.05	02/06/2024
392	CATHY JOHNSTONE, ESQ. P.C.	12182023	LEGAL	01/02/2024	1,054.10	1,054.10	01/18/2024
1377	WASH. CO. SHERIFF'S OFFICE	DECEMBER 2	INMATE HOUSING	01/04/2024	70.00	70.00	01/18/2024
1377	WASH. CO. SHERIFF'S OFFICE	FEBRUARY 20	INMATE HOUSING	02/01/2024	70.00	70.00	02/06/2024
Total MAGISTRATE COURT:					20,118.57	20,118.57	
<b>DISPATCH</b>							
<b>10-57-215 Professional Services</b>							
120	ADVANCED NETWORK CONSUL	2718	DISPATCH	01/02/2024	208.01	208.01	02/05/2024
120	ADVANCED NETWORK CONSUL	2720	DISPATCH	01/10/2024	421.76	421.76	01/18/2024
120	ADVANCED NETWORK CONSUL	2721	DISPATCH	01/21/2024	576.56	576.56	01/22/2024
120	ADVANCED NETWORK CONSUL	2722	DISPATCH	01/21/2024	541.58	541.58	01/22/2024
120	ADVANCED NETWORK CONSUL	2723	DISPATCH	02/06/2024	454.73	.00	
120	ADVANCED NETWORK CONSUL	2724	DISPATCH	02/06/2024	799.57	.00	
2045	DAT MANAGEMENT	43672	Pre-Employment Testing - Dispatc	02/01/2024	37.00	.00	
2045	DAT MANAGEMENT	436859	Pre-Employment Testing - Dispatc	01/05/2024	37.00	37.00	01/09/2024
814	LANGUAGE LINE SERVICES	11182975	TRANSLATION	01/02/2024	39.75	39.75	01/22/2024
<b>10-57-240 SUPPLIES</b>							
1779	BLACK TIE PRESS	1273	Dispatch ID Cards	02/01/2024	48.00	48.00	02/05/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	DISPATCH SUPPLIES	01/22/2024	14.71	14.71	01/22/2024
<b>10-57-330 PRINTING AND POSTAGE</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	POSTAGE FOR DISPATCH CAR	01/22/2024	13.20	13.20	01/22/2024
<b>10-57-400 TRAVEL AND TRAINING</b>							
1969	APCO INTERNATIONAL	1030919	MEMBERSHIP DUES	01/02/2024	450.00	450.00	01/09/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	APCO FOR TWO NEW DISPATC	01/22/2024	215.82	215.82	01/22/2024
<b>10-57-550 TELEPHONE</b>							
660	HILDALE CITY	JAN 24 SOUT	Dispatch	01/02/2024	59.89	59.89	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1140319B	DISPATCH	01/02/2024	55.76	55.76	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	DISPATCH	02/02/2024	55.76	55.76	02/02/2024
1112	SOUTH CENTRAL COMMUNICA	1160252	911	02/02/2024	59.89	59.89	02/02/2024
1445	VERIZON WIRELESS	9952308338	DISPATCH	01/13/2024	87.27	87.27	01/09/2024
1445	VERIZON WIRELESS	9954779985	DISPATCH	01/21/2024	82.92	82.92	02/05/2024
<b>10-57-570 GIS/MAPPING PROGRAM</b>							
578	ESRI, INC.	94658049	GIS Software Renewal	02/02/2024	1,654.00	1,654.00	02/06/2024
<b>10-57-600 EQUIPMENT REPAIR AND MAINT</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	BOLTS	01/22/2024	41.85	41.85	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	SCREWS, CONNECTORS, AND	01/22/2024	66.16	66.16	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	2 Network Switches for New Radi	01/22/2024	686.88	686.88	01/22/2024
Total DISPATCH:					6,708.07	5,416.77	



Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
<b>PARKS AND RECREATION</b>							
<b>10-70-130 EMPLOYEE BENEFITS</b>							
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- H. W	01/23/2024	60.68	60.68	01/24/2024
<b>10-70-240 SUPPLIES</b>							
1012	QUILL CORPORATION	36548405	SUPPLIES	01/09/2024	19.57	19.57	01/23/2024
1012	QUILL CORPORATION	36604267	SUPPLIES	01/09/2024	56.63	56.63	01/23/2024
<b>10-70-400 TRAVEL AND TRAINING</b>							
2105	BERGAMO, MICHAEL	2024 UNLA	UNLA Conference 2024	01/24/2024	55.20	55.20	01/25/2024
2105	BERGAMO, MICHAEL	UNLA CONF	UNLA Conference 2024	01/09/2024	189.75	189.75	01/09/2024
2112	RICK C. WHITE	2024 UNLA	UNLA Conference 2024	01/25/2024	55.20	55.20	01/25/2024
2112	RICK C. WHITE	UNLA CONF 2	UNLA Conference 2024	01/09/2024	189.75	189.75	01/24/2024
1623	US BANK CREDIT CARD	01092024	2024 Green Conference Reg. Heb	01/09/2024	260.00	260.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	2024 Green Conference Reg. Mic	01/09/2024	260.00	260.00	01/09/2024
1623	US BANK CREDIT CARD	01092024	2024 Green Conference Reg. Ric	01/09/2024	260.00	260.00	01/09/2024
1623	US BANK CREDIT CARD	JANUARY 202	Fuel for UNLA Conference	01/31/2024	52.93	52.93	01/31/2024
1298	WHITE, HEBER B.	2024 UNLA	UNLA Conference 2024	01/24/2024	55.20	55.20	01/25/2024
1298	WHITE, HEBER B.	UNLA CONF	UNLA Conference 2024	01/09/2024	189.75	189.75	01/09/2024
<b>10-70-530 UTILITIES</b>							
626	GARKANE ENERGY	1/24-1684300	Heritage Electricity	01/17/2024	118.11	118.11	01/23/2024
626	GARKANE ENERGY	1/24-1748300	LTZN Electricity	01/24/2024	159.77	159.77	01/31/2024
660	HILDALE CITY	1/10-3121001	UTILITY SERVICE - HERITAGE P	01/10/2024	199.50	199.50	01/18/2024
660	HILDALE CITY	1/10-3322001	UTILITY SERVICE - LTZN PARK	01/10/2024	211.00	211.00	01/18/2024
<b>10-70-600 EQUIPMENT REPAIR AND MAINT</b>							
1712	BASIC AMERICAN SUPPLY	587824	Magnet	01/09/2024	13.66	13.66	01/18/2024
1623	US BANK CREDIT CARD	JANUARY 202	Parks solar battery trickle charger	01/31/2024	19.14	19.14	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Washer fluid for parks truck	01/31/2024	3.73	3.73	01/31/2024
1296	WHEELER MACHINERY COMPA	PS001632332	Yellow Paint	01/10/2024	43.65	43.65	01/18/2024
<b>10-70-640 BUILDING &amp; GROUNDS MAINTENANCE</b>							
1712	BASIC AMERICAN SUPPLY	586798	Foil tape and duct tape	01/04/2024	44.50	44.50	01/18/2024
1712	BASIC AMERICAN SUPPLY	589365	Lock	02/01/2024	41.80	41.80	02/06/2024
1712	BASIC AMERICAN SUPPLY	591824	Plywood	01/30/2024	30.27	30.27	02/05/2024
1712	BASIC AMERICAN SUPPLY	592161	Adhesive	02/01/2024	14.11	14.11	02/05/2024
1712	BASIC AMERICAN SUPPLY	592162	Caulking Cap	02/01/2024	1.08	1.08	02/05/2024
Total PARKS AND RECREATION:					2,604.98	2,604.98	
<b>AIRPORT</b>							
<b>10-72-200 AIRPORT MANAGER CONTRACT</b>							
338	BISTLINE, LADELL SR.	FEBRUARY 20	CONTRACT	01/30/2024	4,800.00	4,800.00	01/31/2024
<b>10-72-240 SUPPLIES</b>							
1004	PURE PH8, INC.	100514	AIRPORT WATER DELIVERY	01/24/2024	12.70	12.70	01/31/2024
1292	WESTWING AVIATION	1720	Drinks for AAC Meeting	01/02/2024	31.46	31.46	01/09/2024
1292	WESTWING AVIATION	1720	SUPPLIES	01/02/2024	88.05	88.05	01/09/2024
1292	WESTWING AVIATION	1720	Drinking water for terminals	01/02/2024	44.09	44.09	01/09/2024
1292	WESTWING AVIATION	1794	Drinks for AAC Meeting	02/01/2024	47.18	47.18	02/06/2024
1292	WESTWING AVIATION	1794	Drinking water for terminals	02/01/2024	46.45	46.45	02/06/2024
<b>10-72-310 LICENSES &amp; MISC FEES</b>							
1004	PURE PH8, INC.	100514	Green Jug Fee	01/24/2024	3.00	3.00	01/31/2024
<b>10-72-520 FUEL AND OIL</b>							
1623	US BANK CREDIT CARD	01092024	Fuel for Parks Small Equip	01/09/2024	262.84	262.84	01/09/2024
<b>10-72-530 UTILITIES</b>							
626	GARKANE ENERGY	1/24-1717100	Airport Electricity	01/24/2024	1,347.67	1,347.67	02/05/2024
660	HILDALE CITY	1/10-3136001	UTILITY SERVICE - AIRPORT	01/10/2024	358.77	358.77	01/18/2024
<b>10-72-550 TELEPHONE</b>							
1112	SOUTH CENTRAL COMMUNICA	1140319B	AIRPORT TELEPHONE	01/02/2024	43.12	43.12	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	AIRPORT TELEPHONE	02/02/2024	43.12	43.12	02/02/2024
<b>10-72-600 EQUIPMENT REPAIR &amp; MAINTENANCE</b>							
1978	DBT TRANSPORTATION SERVI	2552970	AWOS Logbook and Zero Wind V	02/01/2024	1,129.32	1,129.32	02/06/2024

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
1481	LAERIE, INC.	10005173	INSTRUMENT CALABRATIONS	01/02/2024	176.00	176.00	01/31/2024
1292	WESTWING AVIATION	1678	Machine Adjustment	01/02/2024	36.73	36.73	01/09/2024
1292	WESTWING AVIATION	1794	Rotating Beacon Ballast	02/01/2024	127.82	127.82	02/06/2024
1292	WESTWING AVIATION	1794	Replacement Wind Sensor for AW	02/01/2024	713.58	713.58	02/06/2024
1292	WESTWING AVIATION	1794	Barometer Pressure Sensor for A	02/01/2024	666.60	666.60	02/06/2024
<b>10-72-640 BUILDING &amp; GROUNDS MAINTENANCE</b>							
1292	WESTWING AVIATION	1794	Replacement Handle for outside b	02/01/2024	68.30	68.30	02/06/2024
<b>10-72-740 EQUIPMENT PURCHASES</b>							
470	CRAFCO, INC.	9403103118	Machine Rental and Masic one le	01/31/2024	3,082.70	3,082.70	01/31/2024
Total AIRPORT:					13,129.50	13,129.50	
<b>COMMUNITY DEVELOPMENT</b>							
<b>10-78-720 COURT OVERSIGHT CONTINGENCY</b>							
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	ICE FOR INJUNCTION TRAININ	01/22/2024	4.72	4.72	01/22/2024
1666	JIM KEITH	2024-1	PD CONSULTANT	02/05/2024	4,347.00	4,347.00	02/05/2024
1936	PMP	DECEMBER 2	COURT MONITOR	01/02/2024	3,028.67	3,028.67	01/18/2024
1623	US BANK CREDIT CARD	01092024	Coffee for DOJ Training	01/09/2024	42.18	42.18	01/09/2024
1623	US BANK CREDIT CARD	01092024	Snacks for DOJ Training	01/09/2024	95.22	95.22	01/09/2024
Total COMMUNITY DEVELOPMENT:					7,517.79	7,517.79	
Total GENERAL FUND:					238,682.90	223,095.42	
<b>HIGHWAY USERS FUND</b>							
<b>STREETS &amp; ROADS EXPENDITURES</b>							
<b>20-60-130 EMPLOYEE BENEFITS</b>							
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- H. W	01/23/2024	60.68	60.68	01/24/2024
<b>20-60-240 SUPPLIES</b>							
1712	BASIC AMERICAN SUPPLY	589457	Puppy chow and hose mender	02/01/2024	56.45	56.45	02/06/2024
1712	BASIC AMERICAN SUPPLY	590338	PVC Caps and pipe cement for M	01/23/2024	29.29	29.29	01/31/2024
1712	BASIC AMERICAN SUPPLY	590390	PVC Caps for Mullberry	01/23/2024	13.03	13.03	01/31/2024
1712	BASIC AMERICAN SUPPLY	590548	Grade Stakes	01/24/2024	65.14	65.14	01/31/2024
1096	TRUCK PRO LLC	278-0016482	Marker	01/03/2024	45.04	45.04	01/18/2024
1623	US BANK CREDIT CARD	01092024	Costco Supplies	01/09/2024	142.44	142.44	01/09/2024
1623	US BANK CREDIT CARD	01092024	Coveralls for Dave	01/09/2024	260.60	260.60	01/09/2024
<b>20-60-250 PROFESSIONAL/ENGINEERING</b>							
120	ADVANCED NETWORK CONSUL	2718	STREETS & ROADS	01/02/2024	41.60	41.60	02/05/2024
120	ADVANCED NETWORK CONSUL	2720	STREETS & ROADS	01/10/2024	84.35	84.35	01/18/2024
120	ADVANCED NETWORK CONSUL	2721	STREETS & ROADS	01/21/2024	115.31	115.31	01/22/2024
120	ADVANCED NETWORK CONSUL	2722	STREETS & ROADS	01/21/2024	108.32	108.32	01/22/2024
120	ADVANCED NETWORK CONSUL	2723	STREETS & ROADS	02/06/2024	90.95	.00	
120	ADVANCED NETWORK CONSUL	2724	STREETS & ROADS	02/06/2024	159.91	.00	
2045	DAT MANAGEMENT	43672	Pre-Employment Testing - PW	02/01/2024	49.00	.00	
1960	HOMETOWN WELLNESS PLLC	1039	1 DOT PHYSICAL	01/05/2024	100.00	100.00	01/18/2024
<b>20-60-280 ROAD MATERIALS/PAVING</b>							
2041	Ashdown Brothers Construction, I	9366	UPM Special Mix	01/11/2024	3,168.87	3,168.87	01/22/2024
470	CRAFCO, INC.	9403103118	Machine Rental and Masic one le	01/31/2024	3,082.70	3,082.70	01/31/2024
<b>20-60-310 LICENSES AND MISC FEES</b>							
1623	US BANK CREDIT CARD	JANUARY 202	ASFPM Membership	01/31/2024	180.00	180.00	01/31/2024
<b>20-60-520 FUEL AND OIL</b>							
1292	WESTWING AVIATION	1686	FUEL100LL Avgas for Public Wor	01/02/2024	104.12	104.12	01/09/2024
<b>20-60-530 UTILITIES</b>							
626	GARKANE ENERGY	01/24-1896600	Irrigation Pump Electricity - Mohav	01/17/2024	33.18	33.18	01/23/2024
626	GARKANE ENERGY	1/24-1697300	Irrigation Pump Electricity - JOHN	01/17/2024	33.18	33.18	01/23/2024
626	GARKANE ENERGY	1/24-1911000	Irrigation Pump Electricity - Centra	01/17/2024	74.92	74.92	01/23/2024
660	HILDALE CITY	1/10-3424011	UTILITY SERVICE - Irrigation	01/10/2024	105.00	105.00	01/18/2024
660	HILDALE CITY	1/10-3508001	UTILITY SERVICE - Shop	01/10/2024	484.57	484.57	01/18/2024

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
660	HILDALE CITY	1/10-3835801	UTILITY SERVICE - PW	01/10/2024	124.91	124.91	01/18/2024
660	HILDALE CITY	1/10-3841501	UTILITY SERVICE - SCREEN PL	01/10/2024	116.62	116.62	01/18/2024
660	HILDALE CITY	1/10-6348902	UTILITY SERVICE - PW Hydrant	01/10/2024	643.06	643.06	01/18/2024
<b>20-60-535 STREET LIGHTS</b>							
626	GARKANE ENERGY	1/24-1790500	Street Lights - Electricity	01/24/2024	689.81	689.81	01/31/2024
<b>20-60-550 TELEPHONE</b>							
1112	SOUTH CENTRAL COMMUNICA	1140319B	PW TELEPHONE	01/02/2024	39.52	39.52	01/18/2024
1112	SOUTH CENTRAL COMMUNICA	1160251	PW TELEPHONE	02/02/2024	39.52	39.52	02/02/2024
1445	VERIZON WIRELESS	9952308338	STREETS & ROADS	01/13/2024	87.27	87.27	01/09/2024
1445	VERIZON WIRELESS	9954779985	STREETS & ROADS	01/21/2024	82.92	82.92	02/05/2024
<b>20-60-600 EQUIPMENT REPAIR AND MAINT</b>							
1712	BASIC AMERICAN SUPPLY	587954	BOLTS	01/10/2024	4.17	4.17	01/18/2024
1712	BASIC AMERICAN SUPPLY	588179	Exstension Cord	01/11/2024	62.98	62.98	01/18/2024
974	CARQUEST OF HILDALE	15048-151696	OIL CHANGE SUPPLIES for 2203	01/05/2024	6.29	6.29	01/18/2024
974	CARQUEST OF HILDALE	15048-151978	Booster Cable	01/09/2024	50.04	50.04	01/18/2024
974	CARQUEST OF HILDALE	15048-151995	Bracket	01/09/2024	6.26	6.26	01/18/2024
974	CARQUEST OF HILDALE	15048-152028	Shaft SealSeal Credit	01/10/2024	13.78-	13.78-	01/18/2024
974	CARQUEST OF HILDALE	15048-152175	Door Hinge for 3981	01/11/2024	41.46	41.46	01/18/2024
974	CARQUEST OF HILDALE	15048-152177	LED LIGHTS	01/11/2024	90.76	90.76	01/18/2024
974	CARQUEST OF HILDALE	15048-152447	Tow Blade	01/16/2024	37.69	37.69	01/18/2024
974	CARQUEST OF HILDALE	15048-152465	Load Binder	01/16/2024	168.18	168.18	01/18/2024
974	CARQUEST OF HILDALE	15048-152960	OIL CHANGE SUPPLIES AND FU	01/24/2024	142.07	142.07	01/31/2024
974	CARQUEST OF HILDALE	15048-152977	OIL CHANGE SUPPLIES for 2264	01/24/2024	13.49	13.49	01/31/2024
974	CARQUEST OF HILDALE	15048-152980	Credit for Oil Filter Return	01/24/2024	6.29-	6.29-	01/31/2024
974	CARQUEST OF HILDALE	15048-153579	OIL CHANGE SUPPLIES for 2803	02/01/2024	96.53	96.53	02/05/2024
470	CRAFCO, INC.	9403103829	Pump	01/10/2024	109.52	109.52	01/18/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	TAG N GO CAR WASH	01/22/2024	29.99	29.99	01/22/2024
2070	ELITE CARD PAYMENT CENTER	JANUARY 202	SNAP ON SCANNER MEMBERS	01/22/2024	64.62	64.62	01/22/2024
782	JONES PAINT & GLASS	SGAGI003129	Glass	01/04/2024	274.65	274.65	01/18/2024
792	KENWORTH SALES CO.	006P12863CM	CREDIT MEMO	01/16/2024	85.48-	.00	
792	KENWORTH SALES CO.	006P12938CM	CREDIT MEMO	01/16/2024	89.66-	.00	
792	KENWORTH SALES CO.	CREDIT MEM	CREDIT MEMO	01/16/2024	4.18-	.00	
1716	STEPHEN WADE AUTO CENTE	5570939	Cap for 4407	01/11/2024	20.12	20.12	02/05/2024
2108	Ticker Automotive	DEC 2023	CARWASH - PW	01/02/2024	92.08	92.08	01/09/2024
2108	Ticker Automotive	JANUARY 202	CARWASH - PW	02/01/2024	35.54	35.54	02/05/2024
1868	TINK'S SUPERIOR AUTO PARTS	843189	Transmission Seal	01/03/2024	10.66	10.66	01/18/2024
1868	TINK'S SUPERIOR AUTO PARTS	844329	Trailer Wire	01/10/2024	80.70	80.70	01/18/2024
1096	TRUCK PRO LLC	278-0016631	Circuit for 4407	01/10/2024	52.94	52.94	01/18/2024
1096	TRUCK PRO LLC	278-0016756	Circuit for 4407	01/17/2024	60.37	60.37	01/18/2024
1096	TRUCK PRO LLC	278-0017103	EQUIPMENT MAINTENANCE	02/01/2024	14.61	14.61	02/05/2024
<b>20-60-640 BUILDING &amp; GROUNDS MAINTENANCE</b>							
144	ALSCO	LSTG1099815	Mats	01/02/2024	140.43	140.43	01/18/2024
144	ALSCO	LSTG1101980	Mats	01/02/2024	140.43	140.43	01/18/2024
144	ALSCO	LSTG1104005	Mats	01/03/2024	140.43	140.43	02/05/2024
144	ALSCO	LSTG1106132	Mats	01/17/2024	140.43	140.43	02/05/2024
144	ALSCO	LSTG1108191	Mats	01/31/2024	140.43	140.43	02/05/2024
Total STREETS & ROADS EXPENDITURES:					12,580.76	12,460.22	
Total HIGHWAY USERS FUND:					12,580.76	12,460.22	
<b>MISCELLANEOUS GRANTS FUND EXPENDITURES</b>							
<b>22-40-400 MISC. STATE GRANT EXPENDITURES</b>							
2066	MOUNTAIN STATES CONTRACT	2024064	Fencing Around Radio Tower	01/31/2024	36,210.09	36,210.09	02/05/2024
Total EXPENDITURES:					36,210.09	36,210.09	



Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total MISCELLANEOUS GRANTS FUND:					36,210.09	36,210.09	
<b>CDBG MASTERPLAN UPDATE</b>							
<b>EXPENDITURES</b>							
<b>42-40-250 ENGINEERING</b>							
380	CANAAN PEAKS ENGINEERING	240103	ENGINEERING South Hildale St	01/16/2024	3,397.50	3,397.50	01/22/2024
Total EXPENDITURES:					3,397.50	3,397.50	
Total CDBG MASTERPLAN UPDATE:					3,397.50	3,397.50	
<b>INTERNAL SERVICE FUND</b>							
<b>HC ACCT DEPARTMENT</b>							
<b>61-41-130 EMPLOYEE BENEFITS</b>							
1902	EMPOWER RETIREMENT	2023 YR END	EMPLYR CONTRIBUTION- A. BA	01/23/2024	694.62	694.62	01/24/2024
Total HC ACCT DEPARTMENT:					694.62	694.62	
<b>UTILITIES DEPARTMENT</b>							
<b>61-42-900 MISC EXPENSES</b>							
2045	DAT MANAGEMENT	43672	Pre-Employment Testing - Utilities	02/01/2024	49.00	.00	
2045	DAT MANAGEMENT	43672	Pre-Employment Testing - Utilities	02/01/2024	30.00	.00	
1445	VERIZON WIRELESS	9952308338	UTILITIES	01/13/2024	851.65	851.65	01/09/2024
1445	VERIZON WIRELESS	9954779985	UTILITIES	01/21/2024	2,307.87	2,307.87	02/05/2024
Total UTILITIES DEPARTMENT:					3,238.52	3,159.52	
<b>FIRE IGA</b>							
<b>61-44-130 EMPLOYEE BENEFITS</b>							
1882	ABG ROCKY MOUNTAIN	2023 YR END	EMPLYR CONTRIBUTION- K. BA	01/23/2024	3,281.80	3,281.80	01/24/2024
1882	ABG ROCKY MOUNTAIN	2023 YR END	EMPLYR CONTRIBUTION- L. BA	01/23/2024	1,512.92	1,512.92	01/24/2024
Total FIRE IGA:					4,794.72	4,794.72	
<b>LANDFILL CORP</b>							
<b>61-62-900 MISC EXPENSES</b>							
120	ADVANCED NETWORK CONSUL	2718	LANDFILL	01/02/2024	83.21	83.21	02/05/2024
120	ADVANCED NETWORK CONSUL	2720	LANDFILL	01/10/2024	168.71	168.71	01/18/2024
120	ADVANCED NETWORK CONSUL	2721	LANDFILL	01/21/2024	230.63	230.63	01/22/2024
120	ADVANCED NETWORK CONSUL	2722	LANDFILL	01/21/2024	216.63	216.63	01/22/2024
120	ADVANCED NETWORK CONSUL	2723	LANDFILL	02/06/2024	181.89	.00	
120	ADVANCED NETWORK CONSUL	2724	LANDFILL	02/06/2024	319.83	.00	
1779	BLACK TIE PRESS	1273	Landfill ID Card	02/01/2024	15.90	15.90	02/05/2024
1623	US BANK CREDIT CARD	JANUARY 202	Receiver for Landfill Gate	01/31/2024	152.52	152.52	01/31/2024
1623	US BANK CREDIT CARD	JANUARY 202	Landfill Gate Remote	01/31/2024	18.41	18.41	01/31/2024
1445	VERIZON WIRELESS	9952308338	LANDFILL	01/13/2024	127.28	127.28	01/09/2024
1445	VERIZON WIRELESS	9954779985	LANDFILL	01/21/2024	122.93	122.93	02/05/2024
Total LANDFILL CORP:					1,637.94	1,136.22	
Total INTERNAL SERVICE FUND:					10,365.80	9,785.08	
Grand Totals:					301,237.05	284,948.31	

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
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Dated: \_\_\_\_\_

Mayor: \_\_\_\_\_

City Council: \_\_\_\_\_

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City Recorder: \_\_\_\_\_

## Report Criteria:

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.