

WATER CONSERVATION PLAN

UPDATE

HELPER CITY



OCTOBER 2022



Water Conservation Plan

Update

October 2022

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Certification of Adoption- Resolution No. 2022-07 and Certificate of Posting

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Section 1 – Introduction

1.1 Utah's Water Conservation Goals

In 2003, the Utah Division of Water Resources completed a study on historical water use by communities and proposed goals for future water conservation measures to ease the water demands of future populations. Due to statewide conservation progress made since the original goal was instituted, the Division has revised their ascribed goals. These goals are categorized by region with Helper being in the Upper Colorado River Region. The current regional goal is to reduce the year 2015 baseline water usage by at least 20% before the year 2030. Accordingly, the goal is to reduce the regional usage to 267 gallons per capita per day (gpcd) or less.

1.2 Helper City's Water Conservation Plan Update

Helper City completed a Water Conservation Plan in 2003 and updates were made to that plan in 2012 and 2017. This, the 2022 Water Conservation Plan, is an update to the 2017 Water Conservation Plan and documents the conservation practices previously accomplished and outlines ongoing water conservation measures. In accordance with State of Utah law, the 2022 plan update will be updated in five years during 2027.

1.3 Background Information

Helper City (City), founded in 1881, is situated at the mouth of Price Canyon. It is located in the central portion of Carbon County with the Price River, the railroad, and Highway 6 seemingly running through the middle of it. The City has a total incorporated area of about 1.8 square miles or 1,150 acres and is responsible for providing public services to approximately 2,200 residents.

Previously, a major concern outlined in the City's prior masterplans and water conservation plans was their outdated and deteriorating infrastructure. Accordingly, the City was able to obtain funding and constructed a city-wide utility improvement project that replaced the entire water distribution system and sewer collection system. A new storm drain system was also installed. In recent years the City also completed the rehabilitation of its two springs which are the City's primary water source.

Helper City does not currently operate a secondary water system. Approximately 20% of the outdoor watering within the city is served by private irrigation companies, including the City's public parks and cemetery. These private irrigation systems utilize non-potable water from the Price River which is supplied through pressurized systems. The remaining 80% of the City's outdoor water needs are met by the City's culinary water system.

Mike Mastin, the Public Works Director, oversees the implementation of water conservation measures and the compilation of this Water Conservation Plan, with assistance from Franson Civil Engineers.

Section 2 – Existing Water Resources

2.1 Current Water Supply

Historically, Helper City has received the majority of its water from two separate groundwater springs located in Fish Creek and Spring Creek Canyons. A location map of Helper and its water sources is shown in Figure 2-1.

Presently, the outfall pipeline that conveys spring water from Fish Creek Springs has deteriorated to the point that it cannot deliver water without surface contamination. This spring has therefore not been utilized for the last several years. Currently Helper City is seeking funding to replace this spring outfall pipeline.

In addition to the Fish Creek Springs and Spring Canyon Springs, Helper City has two other sources to augment its water supply. The first is a well called the ‘Colton Well #1’. Though this well is owned by Price City, only Helper City is currently using it. Helper City has an agreement with Price City to operate the well for the cost of power and maintenance. Additionally, Helper City has the option to purchase water from Price River Water Improvement District (PRWID). The water purchased from PRWID is treated surface water and is more costly than its other sources, therefore this option is only used in emergencies, such as in 2004 when the Fish Creek Springs pipe froze and the Colton Well’s shaft broke. The City has a connection with PRWID near their Main Water Tank.

Water rights held by Helper City are detailed in Table 2-1. Water rights are the legal basis allowing Helper City and its residents access to the various water resources available to them.

Table 2-1: Helper City’s Water Rights

Water Right	Source	Flow
Rights held by Helper City:		
91-116	Tributary of Fish Creek	0.300 cfs
91-21	Beaver Creek	1.000 cfs
91-339	Springs on Fish Creek & Spring Creek	3.966 cfs
91-5009	Springs on Fish Creek & Spring Creek	1.874 cfs
91-733	UGW Well	1.000 cfs
91-741	Springs on Fish Creek & Spring Creek	0.117 cfs
91-92	Springs on Fish Creek & Spring Creek	1.000 cfs

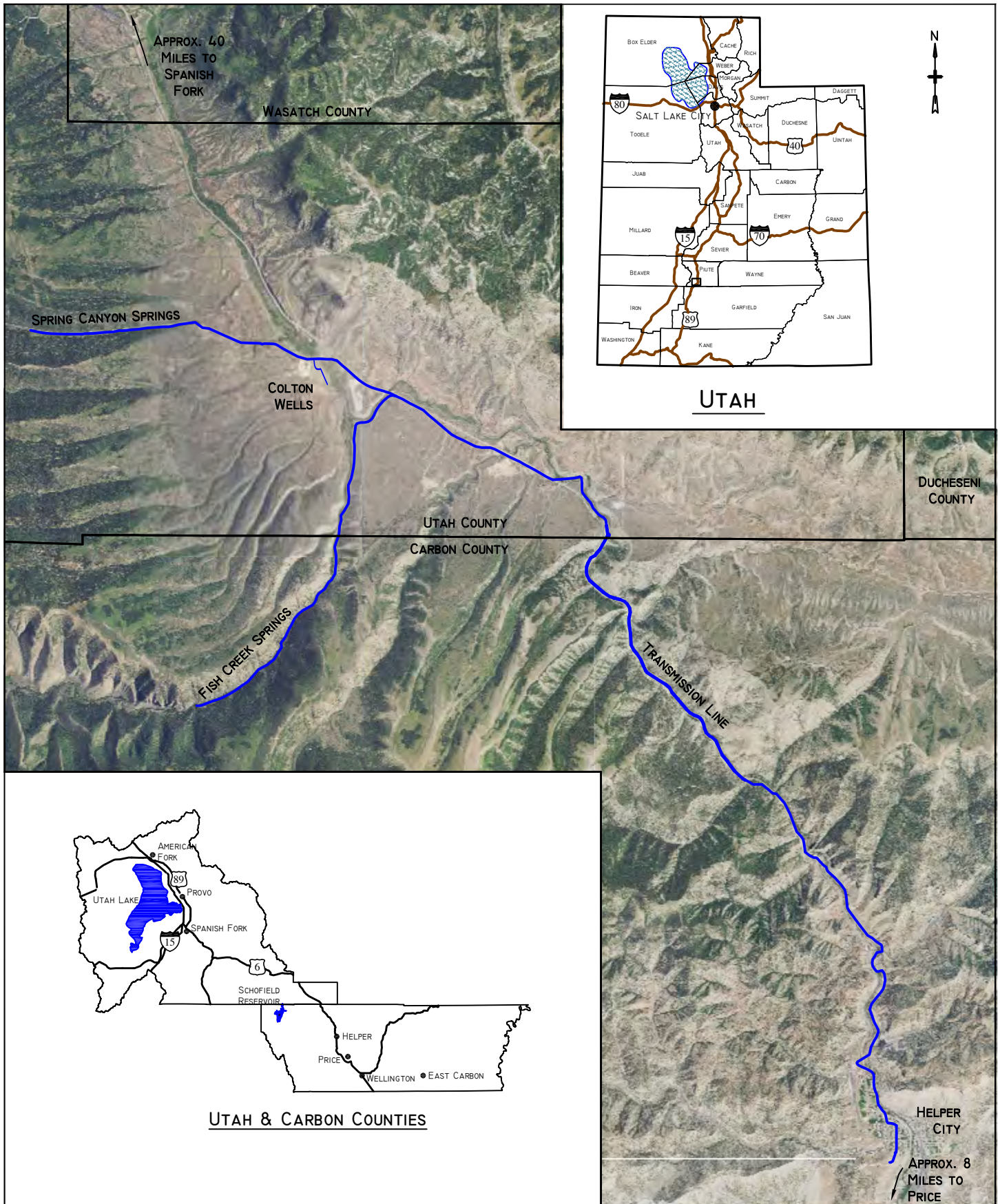


Table 2-2 shows the amount of water diverted from each of the City's water sources since the year 2000. Over this 22-year period, the average annual production has been 690 acre-feet. In drought years when spring production diminishes somewhat, the need to pump from Colton Well #1 has increased. As Fish Creek Springs has not been available in recent years, the primary water supply has come from the Spring Canyon Springs, with summer demands being met by Colton Well #1 and supplemental or emergency supplies available from PRWID.

Table 2-2: Water Diverted from the City's Sources

Year	Fish Creek Springs (ac-ft/yr)	Spring Canyon Springs (ac-ft/yr)	Colton Well #1 (ac-ft/yr)	PRWID (ac-ft/yr)	Total (ac-ft/yr)	Average (gpd)
2021	0	302.1	146.8	0	448.9	400,800
2020	0	460.0	99.5	0	559.5	499,500
2019	0	457.2	45.2	17.9	520.3	464,500
2018	0	264.1	175.4	0	439.5	392,400
2017	0	343.7	113.9	0	457.6	408,500
2016	0	241.3	227.8	0	469.1	418,800
2015	0	256.8	245.5	0	502.3	448,400
2014	0	341.5	250.5	0	592	528,500
2013	0	461.2	98.5	0	559.7	499,700
2012	0	797.7	6.5	6.1	810.3	723,400
2011	88	1017.5	0	0	1105.5	986,900
2010	129.8	500.9	52.3	0	683	609,700
2009	447	578.1	36.9	0	1062	948,100
2008	135.2	374.9	15.6	8.3	534	476,700
2007	182.6	555.7	29.7	20.4	788.4	703,800
2006	316.7	733.6	0	0	1050.3	937,600
2005	255	459.3	0	0	714.3	637,700
2004	0	384.3	32.5	183.8	600.6	536,200
2003	0	441.7	318.2	0	759.9	678,400
2002	161.7	433.4	146.3	0	741.4	661,900
2001	163.8	543.5	128.5	0	835.8	746,200
2000	78	708.8	156.8	0	943.6	842,400
Average	89	484	106	11	690	615,900

*Note: Fish Creek Springs pipe froze in 2003. Fish Creek was back in service in 2005.
The Colton Well shaft broke in 2004. Water was purchased from PRWID.
Fish Creek Springs has not been used since 2011 due to the deteriorated condition of the outfall pipeline.*

The spring flow volumes shown in Table 2-2 are what the springs produce, not necessarily what is utilized by the community. In winter months, the community's uses are less than what the springs produce. These surplus spring flows exit the system via the storage tank's overflow piping.

As shown in Table 2-2, the flows diverted from Spring Canyon Springs have declined in recent years due to drought. Helper City is aware of this trend and is presently preparing a culinary water facilities master plan. One purpose of the master plan is to determine alternatives to augment the City's source capacity.

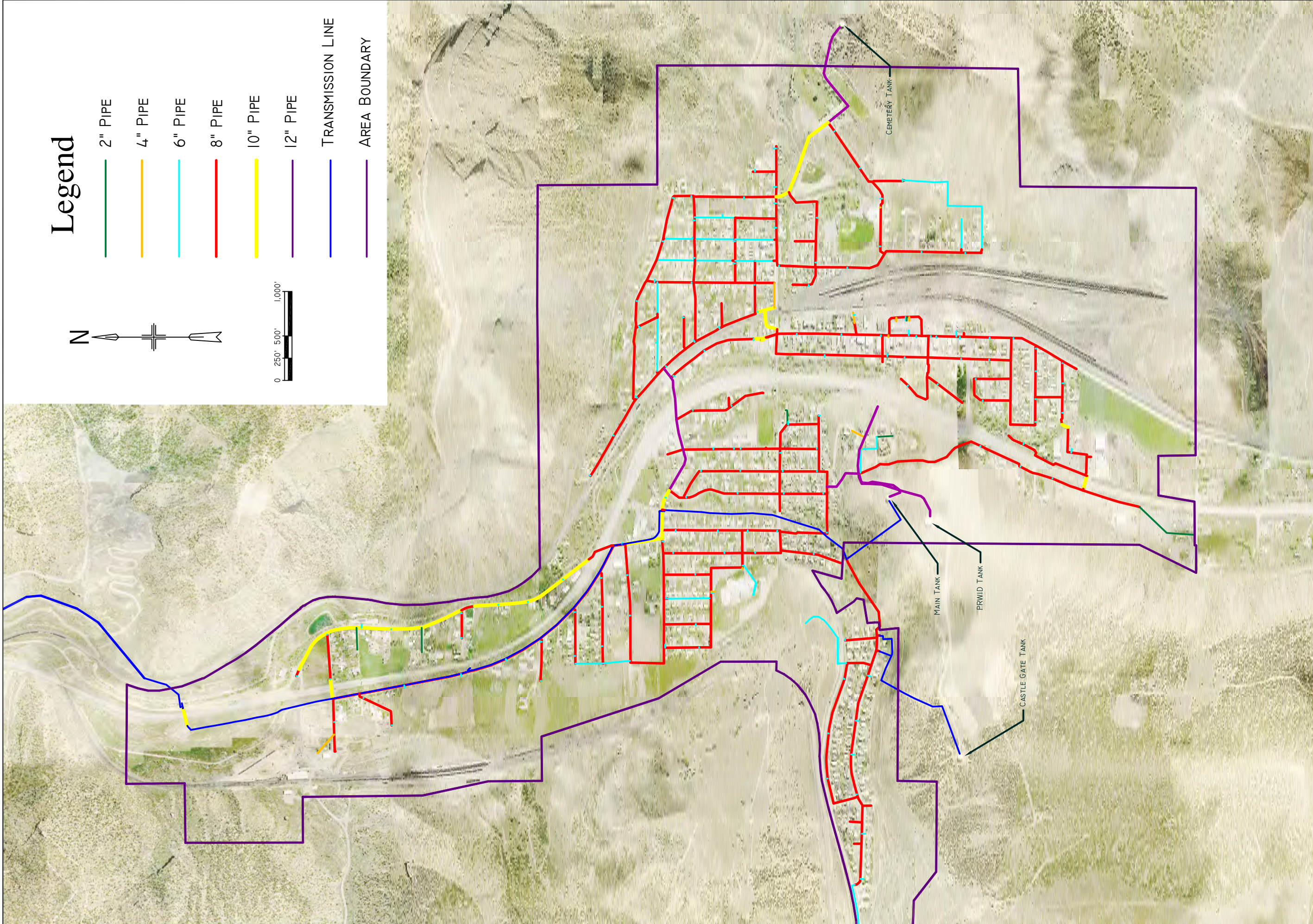
2.2 Culinary Water System

Previously, a major concern outlined in the City's past planning documents was their outdated and deteriorating infrastructure. City crews were constantly busy making repairs to mains and laterals. Consequently, the City obtained funding and constructed several city-wide utility improvement projects that replaced nearly all of the culinary water distribution system, along with a new sewer and storm drain system. The construction of these improvement projects occurred in the years 2013 through 2016. Accordingly, the culinary system is new and in good working order. The system, shown in Figure 2-2, primarily consists of 8-inch diameter piping with some trunk-line sections of 10-inch, 12-inch, and 14-inch diameter piping. This system will support future expansion and provides adequate pressures and flows for fire suppression.

While the distribution system is believed to be in good repair, the transmission pipeline that conveys water from the City's sources to the community is old and has needed repairs from time to time. The City is currently seeking funding to replace a section of this antiquated pipeline.

Helper City has three water tanks, which have a combined storage of 2,375,000 gallons. The tanks consist of the Main Water Tank (875,000 gallons), the Cemetery Water Tank (500,000 gallons), and the Castle Gate Tank (1,000,000 gallons).

The culinary water system provides for all indoor use and about 80% of the City's residential outdoor usage. The remaining 20% of residential outdoor usage is supplied by the private irrigation companies.



Legend

- 2" PIPE
- 4" PIPE
- 6" PIPE
- 8" PIPE
- 10" PIPE
- 12" PIPE
- TRANSMISSION LINE
- AREA BOUNDARY

FIGURE 2-2 CULINARY WATER SYSTEM	DATE: July 11, 2022	HELPER CITY WATER CONSERVATION PLAN	 FRANSON CIVIL ENGINEERS
	SCALE:		
	Culinary Water System.dwg P:\JT\Eastern\Helper General Services\Water Conservation Plan Update\Drawings		

2.3 Secondary Water System

As described previously, Helper City does not currently own or operate a secondary water system. Outdoor water needs are met by the City's culinary water system and by private irrigation companies. These private systems utilize water rights from the Price River and consist of piped trunk lines running down each side of town. These piped trunk lines replaced the previously existing open canals and ditches, thus providing shareholders with the convenience and water savings of a pressurized system.

Helper City owns shares in these irrigation companies and uses part of these shares to water the city cemetery and city parks, with remaining shares being leased to other users. In the future, these surplus shares may be used to irrigate other city parks or other/future public city properties. Altogether, about 200 residences within the city are connected to these private irrigation systems. This accounts for about 20% of the city's residential outdoor water usage. The remaining 80% of the homes use the culinary water system for irrigating lawns and gardens.

These private irrigation systems currently run at capacity and additional shares are not available. These pressurized systems were designed for the areas where ditches previously existed and where shares were then allocated. There is the potential that a shareholder may want to move their shares to another location within the City where the pressurized system does not exist, however it would be incumbent on them to install the additional piped system for that to occur.

Currently, there are no plans by either the private irrigation companies or Helper City to expand these existing irrigation systems.

A summary of the City's shares in the private irrigation companies is shown in Table 2-3.

Table 2-3: Summary of Helper City Shares in Private Irrigation/Canal Companies

Irrigation/Canal Company	Shares
Carbon Canal	219.57
Bryner Hansen	4.55
Hansen-Ploutz	15.20
Oberto	26.70
Helper Water	27.68
Spring Glen Canal	49.54
Stowell	3.50
Total	346.74

Section 3 – Current Water Use and Determination of Future Requirements

3.1 Historical & Current Water Use

The current number of culinary water system connections as reported in the year 2021 is 1,041, consisting of 938 residential and about 103 non-residential, which includes commercial buildings, industrial enterprises, and institutions such as schools and churches. Table 3-1 shows a summary of the types of water connections since the year 2000.

Table 3-1: Historical Number of Connections

Year	Domestic	Commercial	Industrial	Institutional	Stock	Other	Unmetered	Total
2021	938	86	10	7	0	0	0	1,041
2020	928	86	10	7	0	0	0	1,031
2019	922	84	12	7	0	0	0	1,025
2018	933	84	13	6	0	0	0	1,036
2017	912	79	12	7	0	0	0	1,010
2016	903	75	12	7	0	0	0	997
2015	863	72	12	7	0	0	0	954
2014	877	67	9	7	2	13	8	983
2013	911	62	8	7	2	14	8	1,012
2012	928	64	12	8	2	12	7	1,033
2011	929	64	10	7	2	11	7	1,030
2010	949	73	11	7	1	10	6	1,057
2009	989	81	14	9	3	11	7	1,114
2008	966	77	14	9	3	10	7	1,086
2007	966	77	14	9	3	10	7	1,086
2006	966	77	14	9	3	10	8	1,087
2005	1,085	80	14	16	2	10	7	1,214
2004	1,085	80	14	15	2	9	8	1,213
2003	939	70	14	9	2	9	8	1,051
2002	1,001	89	14	9	2	9	8	1,132
2001	965	85	14	13	2	7	0	1,086
2000	960	85	14	13	0	17	0	1,089

In the year 2021, Helper City’s culinary water system provided 280.78 acre-feet of water for indoor and outdoor use. Table 3-2 shows historic water usage categorized by connection type since 2000. Total water usage has decreased considerably (by over 60%) since the year 2000, while the number of connections has varied a little, but largely remains the same.

Table 3-2: Historical Water Usage (acre-ft)

Year	Domestic	Commercial	Industrial	Institutional	Stock	Other	Unmetered	Total
2021	186.66	57.85	1.35	34.92	0.00	0.00	0.00	280.78
2020	206.00	59.00	2.0	35.00	0.00	0.00	0.00	302.00
2019	184.63	44.53	2.83	21.75	0.00	0.00	0.00	253.74
2018	206.65	52.80	2.8	38.43	0.00	0.00	0.00	300.68
2017	199.78	46.95	2.46	25.78	0.00	0.00	0.00	274.97
2016	194.01	51.78	6.00	35.30	0.00	0.00	0.00	287.09
2015	194.63	36.23	2.96	16.74	0.00	0.00	0.00	250.56
2014	389.41	45.56	46.13	6.88	0.00	22.76	4.66	515.40
2013	193.89	44.27	3.03	26.05	0.00	75.33	36.83	379.40
2012	244.46	49.26	13.26	26.95	0.01	11.51	15.34	360.79
2011	222.71	43.35	21.95	25.46	0.00	8.61	44.56	366.64
2010	241.36	44.74	18.29	24.11	0.03	4.28	6.14	338.95
2009	247.07	45.40	35.20	21.82	0.00	5.94	7.58	363.01
2008	244.09	40.88	95.41	23.65	0.00	1.06	7.61	412.70
2007	342.30	42.90	135.00	21.80	2.00	21.50	5.10	570.60
2006	240.00	53.00	69.30	30.40	0.00	1.00	30.60	424.30
2005	229.00	42.00	1.00	0.00	0.00	0.00	18.00	290.00
2004	229.00	37.10	66.20	23.50	0.00	2.50	18.00	376.30
2003	261.00	39.00	73.00	19.00	0.07	2.90	15.00	409.97
2002	285.43	47.06	73.48	21.38	0.15	2.98	15.35	445.83
2001	321.40	57.50	205.60	89.40	0.30	3.20	13.70	691.10
2000	368.13	50.00	212.11	99.71	0.00	16.70	0.00	746.65

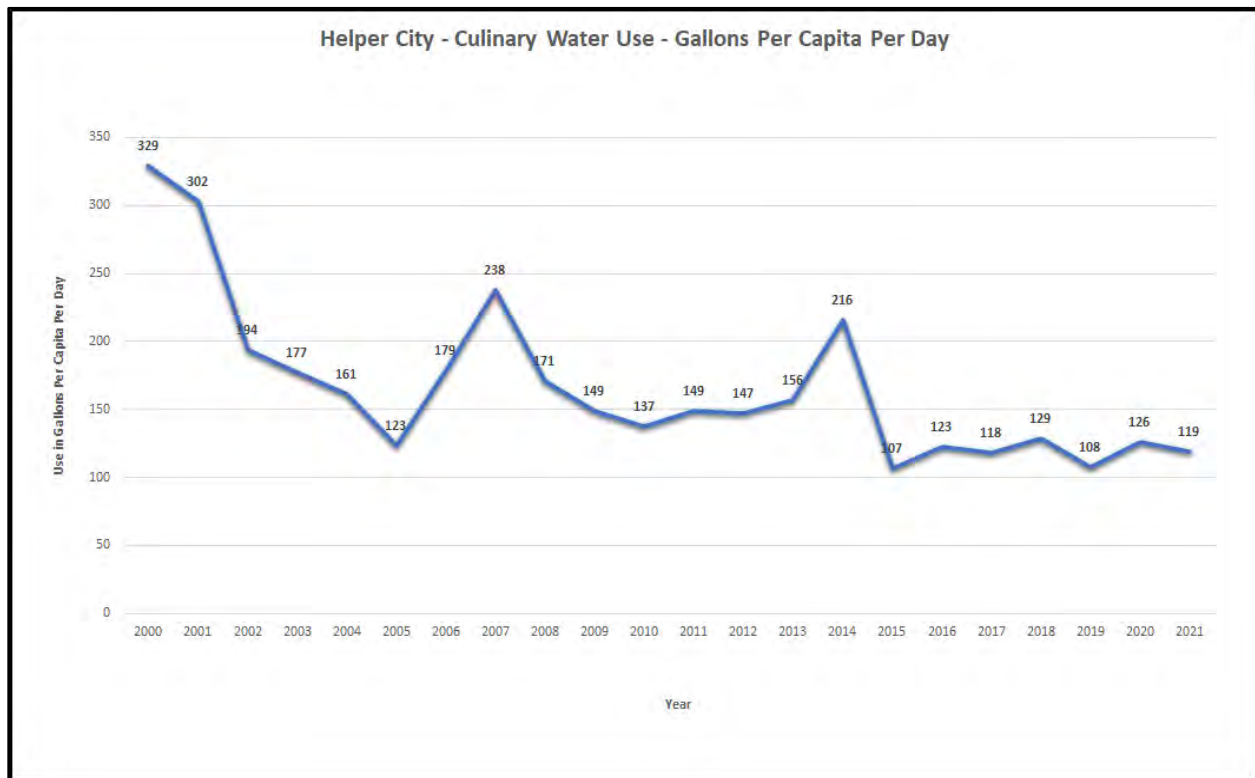
The population of Helper City has fluctuated slightly over the last twenty years, varying between 2,000 and 2,200 citizens. According to the 2020 US Census the population in Helper was 2,141 residents. The current estimate for the year 2021 shows the population at 2,105. Table 3-3 and Figure 3-1 show the total annual water usage and the equivalent per capita usage provided by the City's culinary water system.

Table 3-3: Helper City - Population Estimates & Culinary Water Usage Per Capita

Year	US Census Population Estimates	Residential Use (acre-ft)	Non-Residential Use (acre-ft)	Total Use (acre-ft)	Average Daily Use (gpd)	Culinary Water Use Per Capita Per Day (gpcd)	Residential Use Per Capita Per Day (gpcd)
2021	2,105	186.66	94.12	280.78	250,664	119	79
2020	2,141	206.00	96.00	302.00	269,608	126	86
2019	2,107	184.63	69.11	253.74	226,524	108	78
2018	2,088	206.65	94.03	300.68	268,430	129	88
2017	2,078	199.78	75.19	274.97	245,477	118	86
2016	2,092	194.01	93.08	287.09	256,298	123	78
2015	2,099	194.63	55.93	250.56	223,686	107	79
2014	2,134	389.41	125.99	515.40	460,120	216	158
2013	2,165	193.89	185.51	379.40	338,707	156	79
2012	2,194	244.46	116.33	360.79	322,093	147	99
2011	2,199	222.71	143.93	366.64	327,316	149	90
2010	2,201	241.36	97.59	338.95	302,595	137	98
2009	2,180	247.07	115.94	363.01	324,075	149	101
2008	2,160	244.09	168.61	412.70	368,435	171	101
2007	2,140	342.30	228.30	570.60	509,400	238	143
2006	2,120	240.00	184.30	424.30	378,791	179	101
2005	2,100	229.00	61.00	290.00	258,896	123	97
2004	2,085	229.00	147.30	376.30	335,939	161	98
2003	2,070	261.00	148.97	409.97	365,998	177	113
2002	2,055	285.43	160.40	445.83	398,012	194	124
2001	2,040	321.40	369.70	691.10	616,975	302	141
2000	2,025	368.13	378.52	746.65	666,567	329	162
Average since 2000						164	102
Average since 2015						119	82

Note: Populations shown are based on U.S. Census estimates. The 2021 population and historical water use data are the values reported by Helper City to the State of Utah, Division of Water Rights.

Figure 3-1: Culinary Water Use Per Capita



As shown above in Table 3-3 and in Figure 3-1, Helper City’s 2021 culinary water usage was 119 gallons per capita per day. However, this number does not include the outdoor water provided by the private irrigation companies. The outdoor water provided by the private irrigation companies is not exactly known since it is not operated by the City or metered. However, since 80% of city residents utilize culinary water for outdoor watering, estimates for the remaining 20% of the city were made by using the average outdoor use of the residential culinary user.

Since the indoor and outdoor uses are not metered separately, estimates for the outdoor usage were made by comparing the average water use volumes in the winter months with average residential water use volumes for the summer months. Since outdoor watering does not occur in the winter, the water usage volumes in winter months were used to determine the average indoor usage per connection. Since the indoor usage should remain somewhat consistent throughout the year, the total indoor use can be calculated by multiplying the average monthly indoor use by 12 months. The water usage from the summer months includes both the indoor and outdoor water usage per connection. From these values the average outdoor usage per connection can be calculated by subtracting the total indoor use from the total use. Using this method and a 182-day irrigation period, the following average uses were calculated for the year 2021.

Residential Uses – (for the year 2021):

Average Residential Indoor Use: 114 gallons per day per connection. (winter use)

Average Residential Indoor and Outdoor Use: 276 gallons per day per connection. (summer use)

Average Residential Outdoor Use: 162 gallons per day per connection. (summer use - winter use)

Annual Residential Outdoor Use: 29,530 gallons per irrigation season per connection.

Estimated Outdoor Use of 200 connections: = 5,906,000 gallons per season

= 18 ac-ft per season

= 8 gallons per capita per day

With approximately 200 residences using private irrigation water for outdoor use, it is estimated that an additional 18 ac-ft is used by these residents, or 8 gallons per capita per day.

Additionally, Helper City uses a booster pump to irrigate the city cemetery and public parks. This irrigation water is also not metered. The City has estimated that they pump approximately 300,000 gallons per week to water these areas. Using a 26-week irrigation season, this amounts to 7,800,000 gallons or approximately 24 ac-ft per year, which equates to 10 gallons per capita per day.

The private irrigation water used in Helper is estimated to be 42 ac-ft ($18+24 = 42$). This volume equates to an additional 18 gallons per capita per day. Adding the private irrigation water (42 ac-ft) to the water used in the culinary water system (281 ac-ft), the total combined water usage would be 323 ac-ft ($42+281=323$) for the year 2021. This volume of water equates to 137 gallons per capita per day for the community. See Table 3-4 for a summary of Helper City's water usage per capita for the year 2021.

Table 3-4: Helper City – 2021 Water Usage Per Capita

Connection Type	Indoor Use Per Capita (gpcd)	Outdoor Use Per Capita (gpcd)	Non-Potable Use Per Capita (gpcd)	Total Use Per Capita (gpcd)
Residential	51	28	8	87
Commercial & City	9	15	10	35
Industrial	1	0	0	1
Institutional	1	14	0	15
Total	62	57	18	137

3.2 Source Capacity

Over the last 8 years, Spring Canyon Springs have provided an average flow of 206 gpm and a minimum flow rate of 121 gpm. Our analysis shows that the average winter/indoor use is approximately 90 gpm for the community. Therefore, the springs more than cover all the City's indoor uses. The average outdoor use in the City is 191 gpm for a total summer day average of 281 gpm. The average peak day demand for the past five years has been 566 gpm. The Colton Well

#1, along with the water provided by the Spring Canyon Springs, has typically been able to supply enough water to meet City's indoor and outdoor needs.

As shown below in Table 3-5, the City's source capacity based on when Spring Canyon Springs are at their lowest production is 521 gpm. With this understanding Helper City is currently engaged in determining the best solution to augment its source capacity to meet the peak day demand.

The ground water depletion for Colton Well #1 is currently not known, as the well currently does not have any means to measure static and dynamic water levels. The City is currently seeking funding to rehabilitate this well, which would provide instrumentation to monitor ground water levels.

If the Spring Canyon Springs flows combined with flows provided by Colton Well #1 fall short of demands, the City has the option to purchase PRWID water through an interlocal agreement with PRWID to purchase water as needed. Therefore, with the assistance of PRWID water, Helper City currently has the capacity to meet its system needs. See Table 3-5 for a summary of the Helper City's current source capacity.

Table 3-5: Existing Source Capacity

Helper City's Water Resources	Minimum Flow (gpm)	Average Flow (gpm)	Maximum Flow (gpm)
Springs:			
Spring Canyon Springs*	121	206	425
Fish Creek Springs (currently out of service)	-	-	-
Wells:			
Colton Well #1 (Current Maximum Production)	400	400	400
Other:			
PRWID** (Back-up Source)	As needed		
Total	521	606	825

* Using a 3-month average for minimum flow from July-September 2018 and maximum flow from July-September 2019

** PRWID's ability to assist Helper is on a case-by-case basis depending on available capacity; however, PRWID currently has significant surplus capacity.

3.3 Reliable Supply

As shown previously in Table 2-2, the average water supply since the year 2000 was 690 acre-ft per year with 486 acre-ft being supplied from Spring Canyon Springs. Drought conditions in the last 8 years have reduced the production from the Spring Canyon Springs to an average of 333 acre-ft per year. During this same 8-year period an average of 163 acre-ft of water was pumped from the Colton Well #1 and 2.2 acre-ft was delivered from PRWID for a total of 499 ac-ft.

The lowest water supply shown in Table 2-2 since the year 2000 was 439.5 acre-ft per year, for the year 2018. Though spring supply has fluctuated due to drought and has been on a downward trend, other sources are expected to make up the difference as the City explores options for additional source capacity. Therefore, it is reasonable to use the minimum supply from the past few years as a reliable supply into the future.

3.4 Water Loss Control

Water losses (leaks) from mains and service laterals is a common element in water supply systems. The United States EPA suggests that the average water loss in water systems is 16%. Public water systems often face the challenge of aging infrastructure, where leaks can go undetected for years. The loss of water is a loss of a valuable resource, which if undetected can have costly results.

Such was the case in Helper just a few years ago, where the antiquated distribution system was found to have many leaks. City crews were constantly busy making repairs to mains and laterals. Many of the leaks that were found were accidentally discovered and hadn't surfaced since subsurface soils are well drained. These problems led to Helper City taking action. The City ultimately obtained funding and constructed several city-wide utility improvement projects that replaced nearly all of the culinary water distribution system and the sewer collection system. The construction of these improvement projects occurred in the years 2013 through 2016. Therefore, Helper City's distribution system is relatively new and is in good working condition.

Typically, water losses (leaks) are quantified by the difference between the sum of the metered water sources and the sum of the metered water service connections. This calculation is tabulated in Table 3-5. However, it is believed that the loss numbers shown are a better indication of spring production than actual losses, since it doesn't account for the spring water that goes unused in the fall, winter, and spring months when spring flows exceed actual culinary use. These surplus flows exit the system via the storage tank's overflow piping and are not metered. If this water were metered, the City would be able to better assess the system's losses.

Table 3-5: Helper City – Water System Losses

Year	Total Water Diverted from City Sources (af/yr)	Total of Metered Service Connections (af/yr)	Water Loss* (af/yr)	Percent Loss
2021	448.9	280.8	168.1	37%
2020	559.5	302.0	257.5	46%
2019	520.3	253.7	266.6	51%
2018	439.5	300.7	138.8	32%
2017	457.6	275.0	182.6	40%
2016	469.1	287.1	182.0	39%
2015	502.3	250.6	251.7	50%
2014	592.0	515.4	76.6	13%
2013	559.7	379.4	180.3	32%
2012	810.3	360.8	449.5	55%
2011	1105.5	366.6	738.9	67%
2010	683.0	339.0	344.1	50%
2009	1062.0	363.0	699.0	66%
2008	534.0	412.7	121.3	23%
2007	788.4	570.6	217.8	28%
2006	1050.3	424.3	626.0	60%
2005	714.3	290.0	424.3	59%
2004	600.6	376.3	224.3	37%
2003	759.9	410.0	349.9	46%
2002	741.4	445.8	295.6	40%
2001	835.8	691.1	144.7	17%
Average	690	393	297	41%

**Water losses shown are primarily surplus spring water flows that exceed actual culinary use.*

3.5 Helper City's Water Conservation Goal

As indicated in Section 1.1, the Regional Conservation Goal is to reduce the 2015 baseline water usage by at least 20% before 2030. The 2015 baseline water usage for Helper was 107 gpcd for the culinary system. This does not include the outdoor watering supplied by the private irrigation companies to 20% of the residents. This value of 107 gpcd coincides with the lowest water usage on record for Helper. A 20% reduction would bring usage to 86 gpcd. Discussions with Helper City staff suggest this number is unrealistic and unattainable. Further, they are not comfortable in setting a goal below the recent 7-year average of 119 gpcd, much less a 20% reduction to that average.

City staff further pointed out the significant reduction that has already occurred in the community since the year 2000, when usage was 329 gpcd. They indicate that the combined water savings

realized by installing a new water system, a new and substantially higher tiered water rate, and conservation education/practices already in motion have significantly reduced water usage.

The overall Regional Conservation Goal is to reduce usage to 267 gpcd or less, which is more than double what Helper currently uses. Therefore, Helper City's conservation goal is to maintain its current conservation usage and practices. Accordingly, their goal is 119 gpcd for the culinary system and 137 gpcd including the private irrigation companies' water.

3.6 Determination of Future Requirements

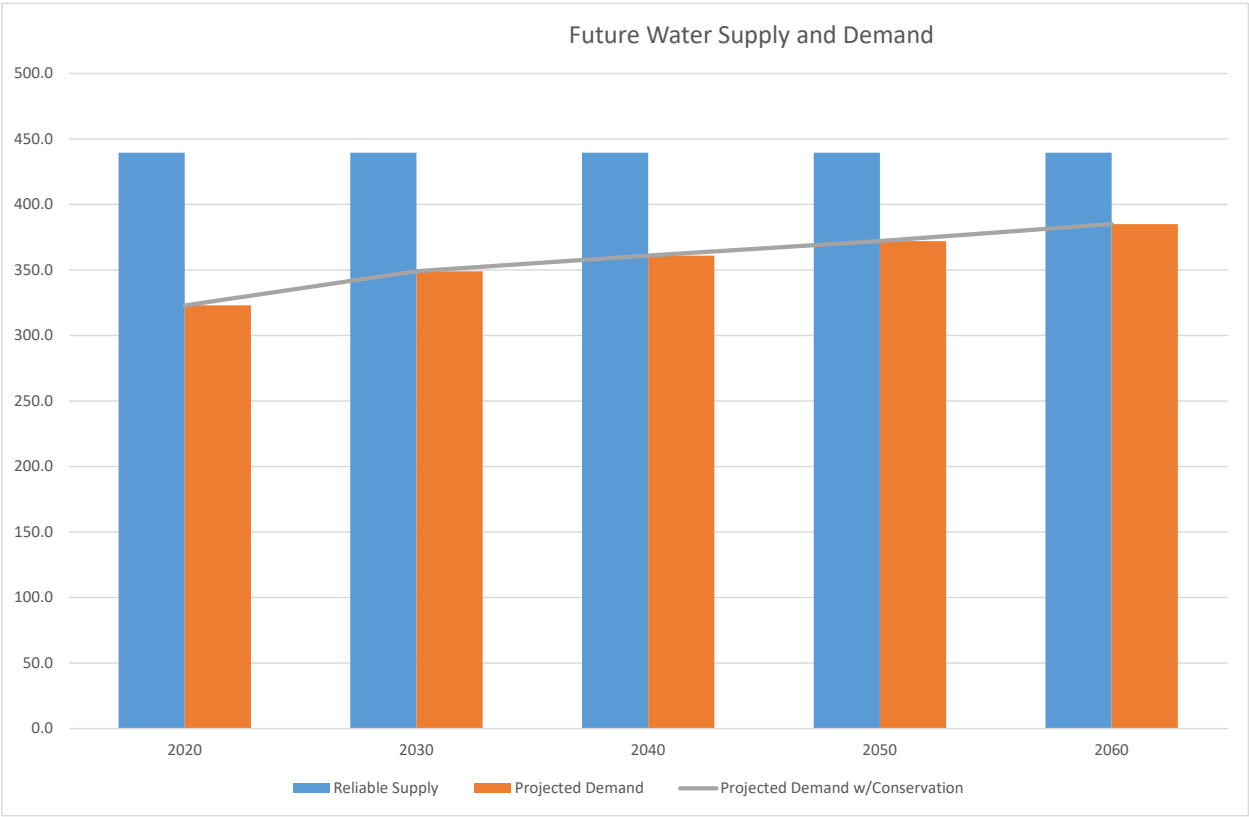
In 2012, the Governor's Office of Management and Budget produced population projections based on the 2010 Census and current trends. Table 3-6 shows these population projections along with associated water demands. The calculated demands are based on the City's recent use and maintenance goal of 137 gpcd.

Table 3-6: Population & Demand Projections

Year	Population	Projected Water Use Based on Use of 137 gpcd (acre-ft/yr)
2030	2,272	349
2040	2,351	361
2050	2,425	372
2060	2,508	385

Figure 3-2 shows a comparison of Helper's reliable supply, defined earlier in Section 3.3, to the projected demand, based on maintaining current usage per capita per day.

Figure 3-2: Projected Supply and Demand



Section 4 – Ongoing and New Conservation Practices

Prior Water Conservation Plans identified the following ongoing areas of focus:

- public education regarding the need to conserve water,
- financial management to properly operate and maintain the water system, and
- water management from both a supply and water accounting viewpoint.

These areas of focus are further discussed in the following sub-sections and are divided into ongoing and proposed conservation practices.

4.1 Public Awareness

Ongoing

Display educational messages on monthly utility bills.

Helper City will continue to provide information on the back of its monthly utility bills. A water conservation message (usually about 5 to 10 lines of information) will be placed on monthly utility bills to promote understanding and sensitivity to all aspects of water issues.

Proposed

Display educational materials and resources on the City's website and social media accounts.

Helper City proposes to display messaging from Slow the Flow, Conserve Utah, CWEL, and WaterSense on the City's website. Information will be offered on how residents can use their water more efficiently. Helper City will evaluate the guidelines for water conservation available at www.conservewater.utah.gov and incorporate the information as appropriate.

4.2 Education and Training

Ongoing

Provide or support youth education programs for elementary school students.

Helper City and PRWID are supporting ongoing educational efforts in Helper's elementary school. The state education curriculum calls for water education at the 5th grade level. They will address these three areas: water usage and conservation; pollution prevention; and environmental concerns that include oils, paints, and common household chemicals.

Proposed

Create a committee to help research, coordinate, create, and implement water conservation programs, public information campaigns, and incentives.

As a small town, Helper City does not have the resources to hire an exclusive water conservation coordinator. Creating a committee to organize, coordinate, and implement water conservation issues is something the City plans to implement.

4.3 Outreach Services

Ongoing

Perform outdoor high-water use inquiries and resolution techniques.

High water use translates into large bills. Helper City will take note of and follow up on accounts with usage spikes or seemingly high usage. They will assist residents by checking for leaks and for possible overwatering of yards. Water meters have a computer chip in them and will store 92 days of water use history. That information is downloadable to a laptop and water use history can be checked by the month, week, day, hour, and minute. That information can then be emailed to the customer.

Perform and address water waste investigations.

If water waste is apparent through observation by City employees or other residents, Helper City will investigate possible causes and mitigation options.

4.4 Rebates, Incentives, and Rewards

Helper City does not currently offer any rebate or reward programs. This is not something that is planned within the next five years.

4.5 Ordinances and Standards

Ongoing

Helper City has and will continue to research and consider adopting conservation-based ordinances and standards, such as reviewing existing plumbing codes and revising them as necessary to ensure water-conserving measures in all new construction.

4.6 Water Pricing

Ongoing

Tiered water rates.

In conjunction with the city-wide utility improvements project, Helper City revised their water rate ordinance in 2015. The current tiered rate structure can be found in the Appendix A.

Charge for water based on use.

The culinary rate structure was designed with tiers to promote water conservation. Water users are billed monthly according to this tiered rate structure. Water users with access to less expensive private irrigation system water will be financially encouraged to use that water.

High water use notification.

Currently, Helper City's utility officer reviews monthly utility bills before printing and tries to catch any that seem high. When high bills out of the ordinary are found, the resident or business is notified.

4.7 Physical System

Ongoing

Install and maintain efficient irrigation, utilize water-wise landscaping and smart controller technology at agency facilities.

Much of the City properties are irrigated through the existing private pressurized irrigation systems.

Meter all connections, repair and replacement program, read meters on a regular basis.

Helper currently monitors all meters, repairing and replacing some as necessary. All meters are read monthly, including city meters. Included in the installation of the new distribution system were meters that can be read year-round. Water users can now be alerted to a potential leak within their system sooner. In the past, some leaks were not discovered until the meters were read in the spring and by then a significant quantity of water had been lost and the water bill was overwhelming. All water used at fire hydrants for construction is now metered and the usage is billed.

Proposed

Secondary Water Metering.

Helper City will work with the local private irrigation companies and will encourage and advocate the use of meters in their systems.

Master Planning.

Currently the City has contracted with Franson Civil Engineers for the preparation of a water master plan. The purpose of this master plan is to:

- 1) assess the existing system and define its limitations and weaknesses,
- 2) assess current and future needs relative to the Public Drinking Water Standards,
- 3) address the concerns voiced by citizens, City staff, and City leaders, and to
- 4) put forth a plan to remedy any needs and concerns as the City moves forward.

Additional system repairs.

As stated earlier, Helper City, in conjunction with Price City, is planning to rehabilitate Colton Well #1 to optimize operation and maximize the yield from the well.

The transmission line that conveys water from the springs and wells to Helper City is 25 miles long. Only a portion of the transmission line was replaced during the utility improvements project. The remainder of the line is in poor condition because of age, and its location presents replacement difficulties. The City intends to continue replacement and improvement of the line as resources are available.

RESOLUTION NO. 2022-07

**A RESOLUTION ADOPTING THE HELPER CITY WATER CONSERVATION PLAN
UPDATE DATED OCTOBER 2022**

WHEREAS, Helper City operates a culinary water system; and

WHEREAS, water is a valuable resource for Helper City and its residents, now and in the future; and


WHEREAS, Helper City desires to update its water conservation plan;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Helper City (the "City Council"), as follows:

Helper City shall adopt and implement the attached Water Conservation Plan Update dated October 2022 by Franson Civil Engineers.

PASSED AND ADOPTED by the City Council of Helper City, State of Utah, and approved by the Mayor on this 6th day of October, 2022.

HELPER CITY, a Utah Municipal Corporation

By: 
Lenise Peterman, Mayor

ATTEST:

By: 
Zack Tonc, City Recorder

CERTIFICATE OF POSTING

I, THE DULY APPOINTED AND ACTING RECORDER FOR THE CITY OF HELPER, HEREBY CERTIFY THAT COPIES OF THE FOREGOING RESOLUTION NO. 2022-07 WERE POSTED AT THREE PUBLIC PLACES WITHIN THE MUNICIPALITY THE 10TH DAY OF OCTOBER 2022 WHICH PUBLIC PLACES ARE:

1. HELPER CITY HALL 58 SOUTH MAIN HELPER ,UTAH.
2. HELPER CITY LIBRARY 19 SOUTH MAIN HELPER, UTAH.
3. HELPER POST OFFICE 45 SOUTH MAIN HELPER, UTAH.

DATED THIS 10TH DAY OF OCTOBER 2022



ZACK TONG
HELPER CITY RECORDER

Appendix A – Water Rate Ordinance

RESOLUTION NO. 2015- 16

A RESOLUTION AMENDING THE FEES AND CHARGES TO BE ASSESSED FOR
WATER SERVICES BY HELPER CITY.

WHEREAS, the City previously adopted a Water Fees and Policies, as set forth in Resolution No. 2015- 10, hereinafter referred to as the "Previous Water Fees"; and

WHEREAS, the City is desirous of amending and updating the water connection fees;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Helper City (the "City Council"), as follows:

Section 1. The City Council hereby amends the Helper City Summary of Water Fees and Policies as set forth in the Previous Water Fees as of August 27, 2015, and adopts the Summary of Water Fees and Policies attached hereto as Exhibit A.

Section 2. The provisions of other resolutions or other policies and procedures in conflict with the text of this resolution are hereby repealed.

Section 3. The provisions of this resolution and the provisions adopted or incorporated by referenced are severable.

PASSED AND ADOPTED by the City Council of Helper City, State of Utah, and approved by the Mayor on this 3rd day of December, 2015.

HELPER CITY, a Utah Municipal Corporation

By:



Edward Chavez, Mayor

ATTEST:



By: Jona Skerl, City Recorder

Culinary Water Service Connection Fee:

The service connection (hookup) fee shall be as follows:

1. \$800.00 for a 3/4" connection;
2. \$1,200.00 for a 1" connection;
3. \$1,500.00 for a 1 1/2" connection with a new meter;
4. \$2,000.00 for a 2" connection with a new meter; and
5. Special negotiations with City Council for 3" or larger connections.

A separate hookup fee shall be assessed for each dwelling unit or other user connecting to the water system. The fee shall be paid prior to the issuance of a building permit (for new structures) or the issuance of an authorization to connect (for existing structures for which a connection fee has not previously been paid).

Upon payment and acceptance of the fee, the City shall be responsible to provide the necessary materials and to install the service lateral within the public street, including the corporation stop, gooseneck, meter housing and cover, meter yoke, meter and sufficient pipe to extend from the water main to the user's property line.

The applicant shall be responsible for digging the lateral trench, for backfilling and compacting of the trench following installation and for restoration of the road surface. In addition, the City may, upon request of the applicant, assume responsibility for restoration of the asphalt surfaces. In the event that the City assumes such responsibility for surface restoration, the applicant shall reimburse the City for all costs incurred therein.

The location of the connection and lateral shall be approved in advance by the superintendent. All materials and procedures used in constructing the connection shall conform to minimum City standards and the person doing the work shall be approved in advance by the City.

Security Deposit:

Each new applicant for water service shall pay a utility deposit fee in the amount of \$250.00 for a residence, \$300.00 for a commercial user and \$500.00 for an industrial user. Said fee shall serve as the security deposit for the water, sewer, electric power and garbage collection and shall remain in place for the entire period of occupancy. Said deposit shall be paid prior to the turning on of water and electrical services to the applicant premises, and for new structures, this fee shall be paid at the time of issuance of the building permit.

Testing of Meter:

In the event that the City or a user requests user's meter be tested for accuracy, the said meter shall be inspected by a certified company typically used by the City. In the event the meter is faulty, the City shall be responsible for cost of the testing and water usage. In the event that the meter is accurate, the user shall be responsible for the cost of the testing and water usage.

Late Payment Provisions and Delinquent Accounts:

In the event that a payment charged is not received by the City within five (5) business days from the past due date, or an extension of time is granted, a \$20.00 late fee shall be assessed. Delinquent accounts shall be disconnected pursuant to Chapter 13, Section 5.130, et. seq., of the Helper City Municipal Code, as amended.

EXHIBIT A

HELPER CITY SUMMARY OF WATER FEES AND POLICIES

Rates for RESIDENTIAL water use (in City and outside of City limits):**

<u>Gallons</u>	<u>Fee/Connection</u>
up to 5,000	\$46.00 per month*
5,001-10,000	\$2.50 per 1,000 gallons used
10,001-15,000	\$3.00 per 1,000 gallons used
15,001-20,000	\$3.75 per 1,000 gallons used
21,001-25,000	\$4.25 per 1,000 gallons used
25,001-30,000	\$4.50 per 1,000 gallons used
30,001-35,000	\$4.75 per 1,000 gallons used
35,001-40,000	\$4.75 per 1,000 gallons used
40,001 and above	\$4.75 per 1,000 gallons used

Rates for COMMERCIAL water use:**

<u>Gallons</u>	<u>Fee/Connection</u>
up to 5,000	\$46.00 per month*
5,001-10,000	\$3.00 per 1,000 gallons used
10,001-20,000	\$3.50 per 1,000 gallons used
21,001-30,000	\$4.00 per 1,000 gallons used
30,001-50,000	\$4.50 per 1,000 gallons used
50,001-100,000	\$5.00 per 1,000 gallons used
100,000 and above	\$5.50 per 1,000 gallons used

*This is the **Base Water Rate** for use under 5,000 gallons. Fees charged for use beyond 5,001 gallons are **in addition to** the Base Water Rate.

Storm Water Fee:

There shall be a \$5.00 per month storm water fee charged to each account.

Fall/Winter Months:

The City may elect not to read meters during fall or winter months. When meters are not read, the water user shall be subsequently charged \$46.00 per month for each 5,000 gallons used.

Water Service Reconnection Fee and Stand-By Fee:

The water service reconnection fee for an inactive connection shall be \$50.00. A dormant connection shall pay a stand-by fee of \$19.50 per month.

MINUTES OF THE HELPER CITY COUNCIL MEETING
Thursday, October 6, 2022
at 6:00 p.m.
in the Council Chambers
19 South Main Street
Helper, Utah 84526

ATTENDANCE:

Mayor Lenise Peterman

Council Members:

David Dornan
Michelle Goldsmith
Gary Harwood
Malarie DeVincent
Amanda Wheeler

City Staff

City Recorder: Zack Tonic
Attorney: Dominique Kiahtipes
Public Works Director: Michael Mastin
Police Chief: Chris Gigliotti

Citizens: Karen Bosone, Mark Montoya, Steve Adams, Jana Larson, Shella Basso, CJ McManus, Rachel Barker, Kylee Howell, Asia Dutson, Marilou Kundmueller, David Johnson, Kimberly Kuehn, Allie Farnham, Jean Boyack, Melanie Steele, Valerie Marietti, Wyatt Hansen, Kevin Mastin, and Hiland Markal.

PUBLIC COMMENT:

Kevin Mastin – One of his biggest concerns is alcohol. Bartenders go through classes and training to learn when someone has had enough to drink. In recent news in the Salt Lake area where a patron was over-served and wrecked his car, he was able to sue the bar. What if something like this happens here from Saturday Vibes? They can sue our city, and the citizens should not have to pay for that. A large amount of garbage is left behind after the event. The survey that was used, was unfair, they opened voting to everyone at the event.

Melanie Steele – Change gets met with a lot of resistance in Helper, without a lot of factual information backing it. Vibes is a new opportunity in town and with it new opportunities for others. She would like to give Vibes the opportunity to grow and change since they are still in their infancy. Giving the opportunity for growth will allow for a higher tax base, and increases the ability to upgrade infrastructure.

Mark Montoya – He is speaking in support of Vibes. Speaking about the alcohol issue. When you go out to an event and drink, your actions are your responsibility. If the event was to get sued, they have insurance that is required when getting your alcohol permit. The lawsuit should not fall back on the city. The frequency of the event should be at the discretion of the committee. He embraces Vibes the way it is.

Jana Larson – She loves Saturday Vibes. To look out her window while working and see the area active, with people dancing, and having fun. From a business point of view, she looked at Vibes Saturdays and non-Vibes Saturdays, and she sees a 150% increase in revenue on Vibes Saturdays.

Steve Adams – He is amazed at how well Saturday Vibes runs, for the size of the event.

CJ McManus – He moved to Helper because of Saturday Vibes. He has always been a Carbon County resident and Vibes highlighted Helper for him. Change hurts and is uncomfortable, but without change, you do not grow. He works for the event and believes Saturday Vibes will be an incredible partner to Helper.

Kimberly Kuehn – She is here to say how much she loves Helper. She is excited to be a part of the community. She has enjoyed the last two years of being a part of the community. She is committed to the community and has had an amazing time working with her incredible team. She would like to keep working with Helper and the family on events that happen in Helper.

Hiland Markal – He feels that the event is good for Helper. However, he has witnessed firsthand some bullying, intimidation, and deception from the upper management. If the event continues, he would like to see a recommit from the Vibes leadership to be inclusive, honest, and respectful, to everyone.

Asia Dutson – She just moved from Salt Lake in May, and opened a jewelry shop on Hill St. She stopped in for a cup of coffee, on a Vibes Day, and noticed the community. She felt that there was an opening for her in the community and she purchased a house here. She chose to move here because there are a lot of opportunities for people to get together and be creative. Helper Vibes provided that for her, the event is new and there will be growing pains. As a business owner, she has chosen to make Helper her home.

APPROVAL OF THE MINUTES FROM SEPTEMBER 1, 2022.

Council Member DeVincint asked for an addition to the minutes on line 197, to include that Attorney Kiahtipes did not have a chance to review the document.

Council Member Harwood moved to approve minutes from September 1, 2022, with noted corrections. Council Member Goldsmith seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincint, and Harwood all voted yes.

PRESENTATION OF HELPER SATURDAY VIBES 2022 END-OF-SEASON REPORT, AND HELPER CITY RESIDENT SURVEY RESULTS.

A presentation was given by Allie Farnham for Helper Saturday Vibes.

Exhibit A – Helper Saturday Vibes presentation.

DISCUSSION AND POSSIBLE APPROVAL OF FUTURE HELPER SATURDAY VIBES EVENT DATES/CONTINUED PARTNERSHIP AGREEMENT.

Allie Farnham stated that they are hoping for the events to continue with the same times and setups.

Council Member Goldsmith stated that she would have liked for Vibes to give a plan on how they are going to meet the community's concerns. The concerns of things like trash, alcohol, recycling, and pick up after events.

Council Member DeVincint stated the somewhat faulty survey, a lot of people want the event discontinued, twice a month, and once a month. She asked Saturday Vibes if they would be willing to go once a month and do a partial event with First Fridays. Kimberly Kuehn responded yes, and Allie Farnham stated she would not want to disrupt the neish of First Fridays. On a personal level, she would be happy to consult but not on a business level. Kimberly Kuehn stated she is for helping with all events throughout the year, we would need to sit down and figure out what that would be.

Council Member DeVincint moved to approve Helper Vibes to continue for two years twice a month with the stipulation that if either management position should change person, the council can renegotiate the terms. Council Member Dornan seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Wheeler, DeVincint, and Harwood voted yes, and Goldsmith voted no.

DISCUSSION AND POSSIBLE APPROVAL OF LEASE EXTENSION BETWEEN HELPER SATURDAY VIBES AND HELPER CITY OF 73 SOUTH MAIN.

Allie Farnham said they would be happy to share the space with Public Works Department. Kimberly Kuehn stated that she would be happy to discuss this later as we have the lease until March and she would like to go celebrate the approval of the Saturday Vibes event for two years.

Council Member Dornan moved to table. Council Member DeVinent seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVinent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF RESOLUTION 2022-07 HELPER CITY WATER CONSERVATION PLAN UPDATE.

Mayor Peterman stated the state requires us to update our city Water Conservation Plan every five years. The updated plan was created by Franson Civil Engineering.

Council Member DeVinent stated the plan looks fantastic, water is life, and we need to preserve it if possible.

Council Member Wheeler moved to approve Resolution 2022-07 updating the Helper City Water Conservation Plan. Council Member DeVinent seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVinent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF ORDINANCE 2022-06 UPDATING PLACEMENT OF MONUMENTS AND MARKERS IN THE CEMETERY.

Council Member Goldsmith stated she has gone through the ordinance. She would like to make the maximum height 32 inches, remove part B., and add a 48-hour notice for placement requirements.

Council Member Harwood expressed concerns with the height of the upright headstones when it comes to moving the headstones. Helper City does not have the right equipment to move big headstones. We need to have a maximum height to keep the stones small enough for our guys to move them.

Council Member DeVincent asked to hear input from Valarie Marietti. Valarie Marietti stated the regulation is a 32-inch headstone and is allowed only in certain sections. Council Member Goldsmith is wanting to allow up to a 32-inch headstone in all sections of the cemetery. She is not wanting to increase the maximum height of the stones. Council Member DeVincent asked Council Member Harwood if a maximum height of 32 inches would be ok, and he responded yes.

Council Member Dornan asked about section C needing to be changed from 30 to 32 maximum height. Council Member DeVincent asked Valarie Marietti if a 32-inch is typically ordered. She responded that a 32-inch stone is the standard height and is cheaper than ordering a custom height cut stone.

Council Member Goldsmith moved to approve Ordinance 2022-06 updating the placement of monuments and markers in the cemetery with noted corrections of changing all heights to 32 inches and removal of section B. Council Member DeVincent seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF RESOLUTION 2022-08 UPDATING CEMETERY FEES.

Council Member Goldsmith stated the last time the fees were updated was in 2012. We have compared fees from around the county. We feel like the fees are fair and justified. Mayor Peterman stated we are still the lowest in the county. Council Member Goldsmith stated we did add a \$100 headstone placement fee.

Council Member Wheeler moved to approve Resolution 2022-08 updating the cemetery fees. Council Member Goldsmith seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF THE PLACEMENT OF THE ALL ACCESS PLAYGROUND.

Council Member Goldsmith stated there is a misconception about who is paying for the park. Helper City is only allowing Friends of the Helper Area to place equipment. The equipment will be purchased by Friends of the Helper Area.

Council Member Goldsmith stated that City Park had the most votes and Locust Street Park had the second most votes. She feels that after reviewing the comments on the survey, Locust St. Park would be the best fit.

Council Member DeVincent pointed out that we are a Tree City. Installing more new playground equipment at the City Park would cause us to lose trees. Installing the new playground equipment at Locust St. Park would allow us to plant more trees.

Council Member Dornan expressed concern about shade and parents having to go to two separate parks. Council Member Goldsmith asked Valarie Marietti her opinion. Valarie Marrietti stated she had a special needs kid and from her experience, all of her kids would use the special needs playground equipment.

Council Member DeVincent suggested shade canopies until trees can grow.

Council Member Wheeler moved to approve the placement of the All Access Playground at Locust Street Park. Council Member Goldsmith seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF A 75-CENT PAY INCREASE FOR TYSON HAYCOCK FOR OBTAINING A WASTEWATER CERTIFICATION.

Public Works Director Mastin stated he would like for Tyson Haycock to have a 75-cent pay increase. He has obtained his Wastewater Collection 1 Certification.

Council Member Dornan moved to approve a 75-cent pay increase for Tyson Haycock for obtaining a Wastewater Certification. Council Member DeVincent seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF NEW LIBRARY BOARD MEMBERS.

Council Member Wheeler would like to place Celyn Salow and Olivia Dudding on the Library Board. She thinks they will be awesome additions to the board.

Council Member DeVincent moved to approve new Library Board members Celyn Salow and Olivia Dudding. Council Member Harwood seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF REPAIRS TO THE STREET DEPARTMENT FORD F-450 FOR \$20,000.

Public Works Director Mastin stated the engine is shot and needed to be replaced. We did surplus the old dump truck for \$9,000 and the rest of the funds will come out of the B&C funds.

Mayor Peterman stated she would like approval for \$20,000 in case something else breaks or needs to be replaced.

Council Member Wheeler was concerned about being overcharged. Public Works Director Mastin and Mayor Peterman stated that they were assured that the city would not be overcharged for the repairs

Council Member Dornan moved to approve repairs to the street department Ford F-450 not to exceed \$20,000. Council Member Harwood seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVinent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF PURCHASING A SEWER CAMERA.

Public Works Director Mastin asked the council to purchase a sewer camera for \$1000.

Council Member Dornan asked if this is necessary and how many times in the last year have we hired out for a sewer camera. Council Member Harwood responded we have had one hire out. The city is supposed to clean and image the lines every 5 years.

Council Member Dornan moved to approve purchasing a sewer camera not to exceed \$1000. Council Member DeVinent seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVinent, and Harwood all voted yes.

DISCUSSION AND POSSIBLE APPROVAL OF ALLOCATING \$10,000 TO THE DEVELOPMENT STANDARDS.

Mayor Peterman explained we received \$25,000 from the AOG for Franson Civil Engineering to create a development standard. The \$10,000 would be for Franson Civil Engineering to include FEMA regulations as well.

Council Member Goldsmith moved to approve allocating \$10,000 for development standards. Council Member Dornan seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

DISCUSSION ON THE PROCESS TO CREATE DEVELOPMENT STANDARDS.

Council Member DeVincent asked Mayor Peterman, will there be an opportunity for developers to give feedback, Mayor Peterman replied, yes.

DISCUSSION AND POSSIBLE APPROVAL OF RESCINDING AMENDMENTS TO THE HELPER CITY DEVELOPMENT CODE APPROVED ON SEPTEMBER 1, 2022.

Mayor Peterman stated that there was an error and the development code placed in your agenda packet was not the correct redline version. We need to resend the code to go back to the previous version until we can fix the errors.

Council Member DeVincent stated that she contacted the state ombudsman team. They would be willing to come down and provide us with free training to help us understand our ordinances better.

Council Member Wheeler moved to approve rescinding amendments to the Helper City development code approved on September 1, 2022. Council Member Goldsmith seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

ADJOURNMENT:

There being no further business Council Member DeVincent moved to adjourn. Council Member Harwood seconded the motion. Motion carried, the council roll call vote is as follows: Dornan, Goldsmith, Wheeler, DeVincent, and Harwood all voted yes.

I hereby certify that the foregoing represents a true, accurate, and complete record of the Helper City Council meeting held on Thursday, October 6, 2022.



Lenise Peterman
Mayor



Zack Tonic
City Recorder

Approved on November 3, 2022

Exhibit A



Helper Saturday Qibes

Summer 2022
End of Season Report
“EOS”



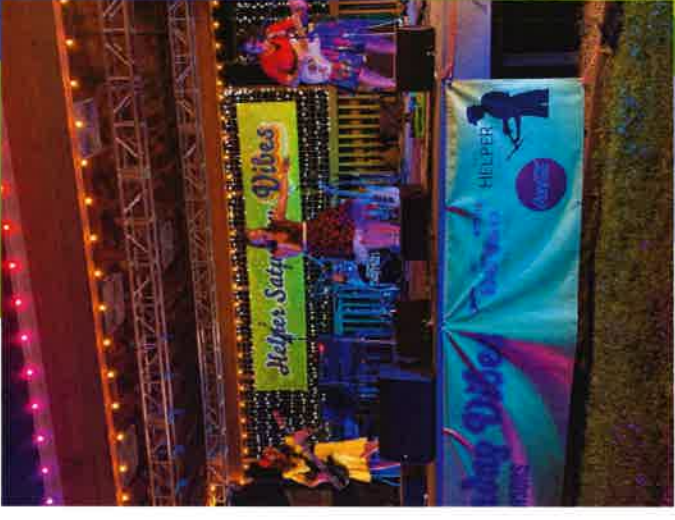
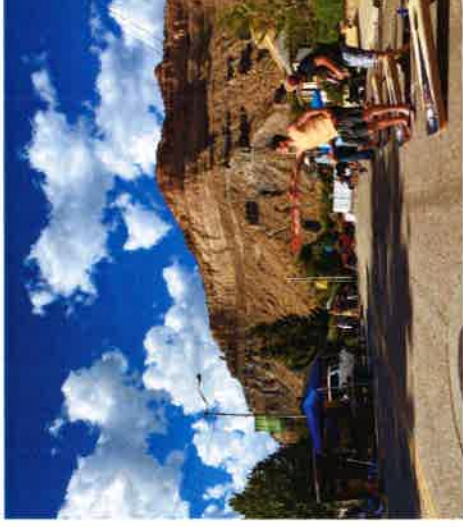
2022 Attendance & Demographics

- ▶ Estimated attendance of 13,000 attendees over the course of 10 events
 - ▶ May 14 & 28, June 11 & 25, July 9 & 23, August 13 & 27, Sept 10 & 24
- ▶ Implementation and collection of demographic survey
- ▶ Surveys were printed & collected by our staff
 - ▶ 76% of Attendees reside in Carbon County
 - ▶ 24% of Attendees reside outside of the area, including out of state



2022 Stage Programming- LIVE MUSIC, THEMES, FUNDRAISING, NON-PROFITS

- ▶ 20 bands over 10 events
 - ▶ ALL UTAH LOCAL
- ▶ 6 local fundraising campaigns
 - ▶ 13u Allstars
 - ▶ Ambulance
 - ▶ Carbon Caring for Kids
 - ▶ Community Nursing Services
 - ▶ Carbon Cat Rescue
 - ▶ RUQJS
- ▶ 19 nonprofits
- ▶ 5 themes, one per month
 - ▶ Everything Animal - Pet Parade!
 - ▶ Pride
 - ▶ Movin' & Groovin'
 - ▶ Dark Sky
 - ▶ First Responder Appreciation
- ▶ 1 local live performer & crowd engagement



2022 Programming - VENDORS

- ▶ Vendor Booth Fees Collected:
 - ▶ \$75 for food trucks (\$15 increase from 2021)
 - ▶ \$45 for artists/vendors (\$10 increase from 2021)
 - ▶ \$10 for farmers & non profits
- ▶ 102 (twice as many as 2021) total vendors over 10 events
- ▶ 7 Main Street Merchants with booth presence/active engagement
 - ▶ Bug & Bird
 - ▶ Beg, Borrow & Steele
 - ▶ Aunt Nell's
 - ▶ Three on a Tree
 - ▶ Vintage Motor Co.
 - ▶ Asia Raine Designs
 - ▶ K2 gallery
- ▶ 13 food trucks

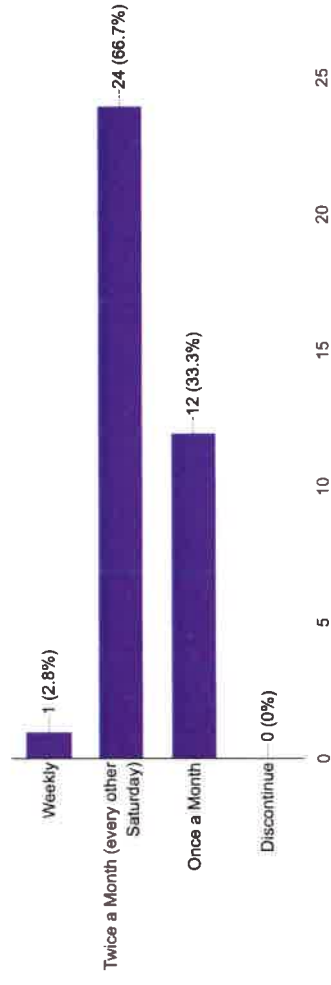


Cont... Vendor Relations

- ▶ We surveyed all of our 2022 vendors and got some awesome results!
 - ▶ 36% of responses state that expectations (sales) were met
 - ▶ 33% of responses state that their expectations were exceeded!
 - ▶ 72% of respondents live in Carbon/Emery County!

How often would you like to see Helper Saturday Vibes in the future?

36 responses



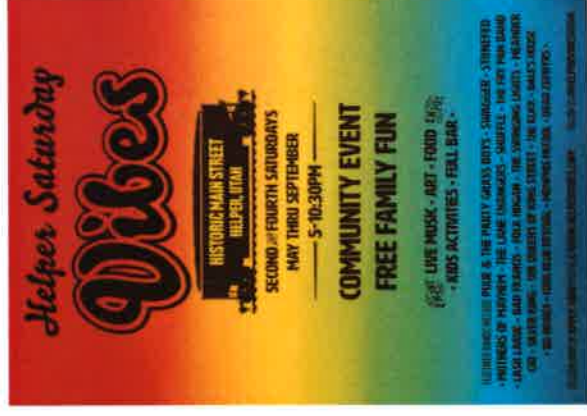
Zero Waste Initiative

- ▶ **6 Zero Waste Stations:**
 - ▶ Compost by Helper Home Grown
 - ▶ Recycling by Recyclops
 - ▶ City Waste Management
- ▶ **Bar Program**
 - ▶ Highly popular Stainless Steel Zero Waste Cups
 - ▶ Reusable plastic cups
 - ▶ Discount offered for the re-use of cups.
 - ▶ \$1 for stainless cups and .25 for blue cups!
 - ▶ Number of re-uses **181 BLUE CUPS & 683 STAINLESS CUPS**
 - ▶ Refillable Water Stations!
 - ▶ Discouraging single use plastic!
 - ▶ Blue cups available for sale & reuse!



A Commitment to Local

- ▶ Helper & Utah Proud Signs - designed by Tomi Lasley of RUQIS
- ▶ Posters, Rack Cards, Banners, Signage by Barbara Warnock
- ▶ Merch, Printing, & Production by Carbon Print & Design, in Price
- ▶ Banners by Sign Edge, in Price



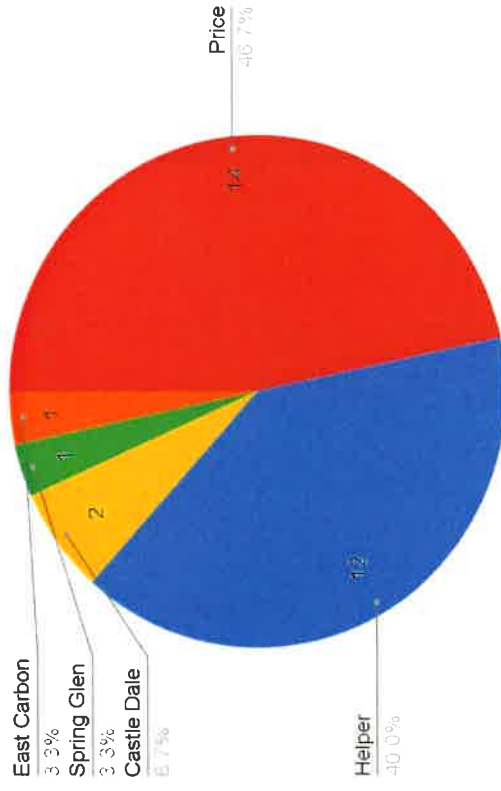
A Commitment to Local

- ▶ Lighting rental from Kenny Driggs of West Coast Show Support
- ▶ Ice from Clampers
- ▶ Tie Dye Shirts by Ryan Fitzgerald
- ▶ Interactive art, van, & corn hole design by Rudy Castro



2022 Team

- ▶ Total of 30 Part-Time/Seasonal Staff
 - ▶ Current residents of Carbon & Emery County
 - ▶ Base pay of \$15/hr (increase of \$3 per hr from 2021)
- ▶ Advisory Committee
 - ▶ 6 Carbon County Residents



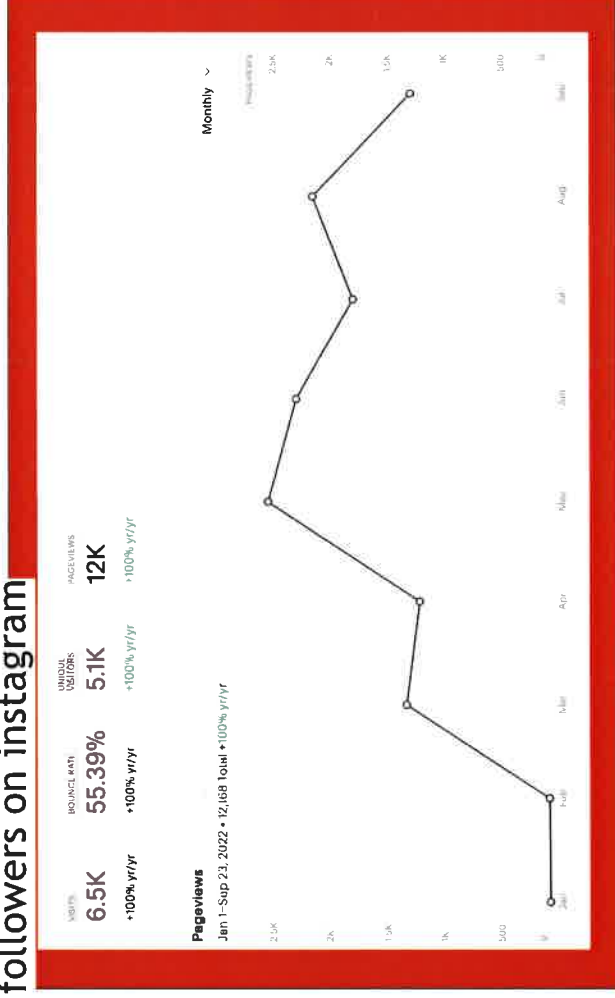
2022 Marketing Dollars Spent Locally

- ▶ Includes- newspaper, radio, ads, sponsorships, website, signage and print materials
- ▶ ETV NEWS -
 - ▶ 12 weeks running banner on Front Page
- ▶ Radio:
 - ▶ Castle Country Radio - 10 exclusive interviews & advertisements
 - ▶ AJB Broadcasting - 10 exclusive interviews & advertisements
- ▶ Social Media:
 - ▶ Facebook & Instagram
- ▶ Print:
 - ▶ Banners, posters, flyers, A-frames



Website & Social Media Impressions

- ▶ An impression is a metric used to quantify the number of digital views or engagements of a piece of content.
- ▶ **helpervibes.com** has had **12,000 page views**!
- ▶ Doubled our social media following - currently have 1,800 followers on Instagram



2022 Sponsors



GROUP OF COMPANIES



2022 Vibe Budget

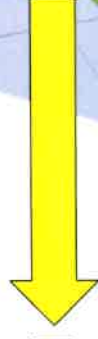
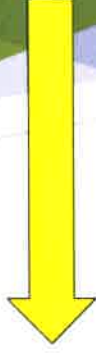
Marketing -

Staff-



2021 Vibes Budget Cont.

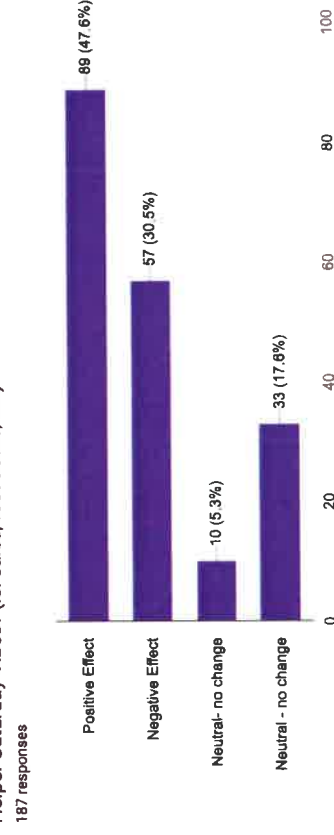
Total Cost	\$70,278	\$103,315
Vendor Revenue	\$8,400	\$5,538
Food Trucks	\$800	\$0
Bar & Merch	\$12,000	\$34,737
Total Revenue	\$22,000	\$40,275
Dented Brick		\$1,000
Emery Telecom		\$500
Five Wives		\$1,000
Keith Bateman		\$1,000
The Helper Project		\$10,000
Swire/Coca-Cola		\$1,100
Total Sponsors		\$14,600
Radio		
Golf Carts		
Sound Equipment		
Total Balance Sheet/Hard Goods		
Profit	-\$48,278	-\$48,441



2022 Helper Resident Survey Results

- ▶ 71 paper survey & 482 google form responses = 553 total responses
 - ▶ Room for survey improvement
 - ▶ limiting responses to one per person/email
 - ▶ verifying respondents are helper residents
 - ▶ verifying ownership of business
- ▶ Summary of ALL SURVEY 213 RESPONSES (26 paper & 187 google form)
 - ▶ 47% positive effect
 - ▶ 32% negative effect
 - ▶ 21% neutral

Business Owners: have you seen a positive or negative effect on your business as a result of Helper Saturday Vibes? (ie. sales, foot traffic, etc)

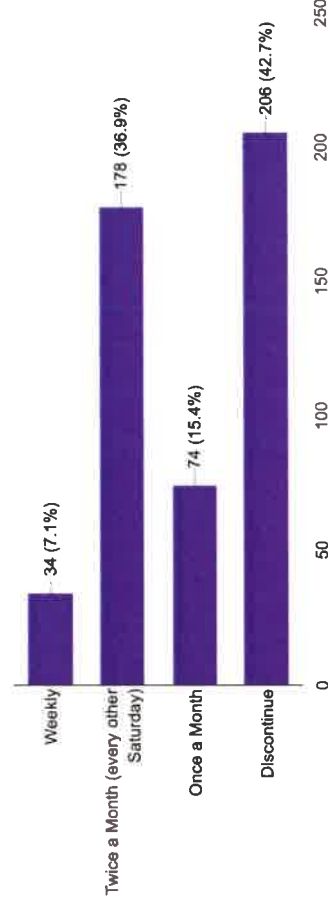


2022 Helper Resident Survey Results

- ▶ Summary of ALL SURVEY 553 RESPONSES (paper 71 & 482 google form)
- ▶ 7% weekly
- ▶ 36% twice/month
- ▶ 17% once/month
- ▶ 40% discontinue
- ▶ **60% continue**

How often would you like to see Helper Saturday Vibes in the future?

482 responses



Categories of Constructive Feedback

- ▶ Property Damage/Waste Management
- ▶ Use of City Resources
- ▶ Parking / Traffic / Public Service Vehicle Access
- ▶ Alcohol management / not family friendly
- ▶ Other events



Proposed Solutions!!!

- ▶ Law enforcement - a commitment to **HIRE** one to two local officers per event
- ▶ Upgraded Security at entrances - no outside alcohol allowed, and no alcohol outside of the venue.
- ▶ Closure of Railroad Ave - allow for ingress & egress along the train tracks
- ▶ Locking of the pavilion bathrooms at the end of the night
- ▶ Continued fulfillment of the **updated*** Helper City Special Event Permit
- ▶ Closing the street at 3:30pm (instead of 2:30pm)
- ▶ Mocktail (non-alcoholic craft beverages) offerings!
- ▶ More kids activities



Positive Feedback!

“I consider Helper Saturday Vibes a fun and inclusive community event. I enjoy seeing locals out in the evening and introducing out of town guests and family to our wonderful and vibrant town.”

“It’s nice to see the town so alive!”

“Love what Helper Vibes does for Main street and my main street business. Love having something to do in town on Saturdays during the summer. Love meeting up with my neighbors and connecting with local vendors and being able to take my out of town friends down to listen to music”

“Fun event, gives people something to do during the summer.”

“Helper Vibes is one of the top reasons I moved my business to Helper. I have not been disappointed - I’ve been fully delighted in the exposure, connection and community connections I’ve received through Vibes. It’s a definite plus to Helper & the surrounding communities .”



A little bit of the bigger picture-

2021 Utah Residents Opinion on Tourism

Table 41 - Arts and culture investment

	Northern Utah	Uintah/Daggett Counties	Wayne/Garfield Counties	Carbon/Emery Counties
1 Not at all important	6%	7%	11%	10%
2	5%	5%	19%	7%
3 Neutral	26%	27%	19%	17%
4	22%	42%	25%	32%
5 Very Important	35%	19%	24%	32%
Mean on 1-5 Scale	3.80	3.61	3.33	3.70
Don't know	6%	1%	1%	1%

64% of residents think it is important to invest in arts & culture

Table 53 - Tourism supports businesses in my community that are valuable to me.

	Northern Utah	Uintah/Daggett Counties	Wayne/Garfield Counties	Carbon/Emery Counties	Central Utah	Iron County	Washington County	Kane County
1 Strongly Disagree	9%	3%	5%	9%	11%	4%	7%	5%
2	9%	9%	7%	7%	13%	4%	8%	12%
3 Neutral	29%	21%	16%	27%	26%	19%	23%	16%
4	18%	35%	22%	33%	25%	32%	29%	28%
5 Strongly Agree	23%	30%	51%	20%	23%	34%	29%	38%
Mean on 1-5 Scale	3.41	3.80	4.06	3.50	3.39	3.93	3.68	3.81
Don't know	11%	1%	0%	4%	2%	6%	5%	1%

53% of residents think tourism supports businesses in their community

Table 6 - Overall, how important is tourism to the local economy in your area?

	Northern Utah	Uintah/Daggett Counties	Wayne/Garfield Counties	Carbon/Emery Counties	Central Utah	Iron County	Washington County	Kane County
1 Not at all important	8%	1%	4%	1%	6%	1%	3%	6%
2	17%	8%	4%	12%	8%	2%	3%	4%
3 (neutral-no-impact)	26%	14%	6%	16%	29%	9%	13%	8%
4	23%	33%	23%	36%	28%	31%	34%	14%
5 Very Important	15%	41%	64%	27%	25%	53%	46%	68%
Mean on 1-5 Scale	3.24	4.07	4.40	3.81	3.59	4.38	4.19	4.34
Don't know	11%	3%	0%	7%	2%	3%	1%	1%

63% of residents think tourism is important to the local economy

Continued Partnership Agreement Details

- A 3-5 year continued partnership agreement
 - 2023, 2024, 2025, 2026, 2027
 - 5:00-10:30pm
- 3-5 year approval of Special Event Permit
 - Dates
 - Main Street Closure(s)
 - Venue, same as current:
 - Main Street Park
 - Old City Hall Parking Lot
 - North Entrance @ the Post office
 - South Entrance @ The Police Station ***no blockage of Fire Hall
- Associated City Fees (as a part of the special event permit) to be paid on an annual basis, based upon solicited services:
 - Big John Banner
 - Main Street Road Closures
 - Table/Chair/Canopy set-up



Continued Lease Agreement Details

- Current lease states:
 - April 15, 2022 to March 1, 2023
 - Rental amount of \$100/mos
 - Utilities paid by Vibes:
 - 25% natural gas
 - 50% water & sewer
 - 100% electricity & internet
- Proposed extension:
 - Addition of 3-5 years to match the partnership agreement



Please vote to continue Vibes!

- ▶ Option 1 - twice a month
 - ▶ second & fourth Saturdays
 - ▶ May through September
 - ▶ 10 events per year
- ▶ Option 2 - once a month
 - ▶ fourth Saturday of the month
 - ▶ May through October
 - ▶ 6 events per year



Thank you for your support, we look forward to working with you!

