



2025

WATER CONSERVATION PLAN UPDATE

Prepared by: Draper City

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Executive Summary

Introduction

As required by the Utah Water Conservation Plan Act (§73-10-32 UCA), this plan update is the conservation plan for Draper City for the next five years, 2026 through 2030.

In 2019, Utah adopted the regional 2030 water conservation goals. The Utah Division of Water Resources published its 'Utah State Water Plan' in 2021, containing direction and objectives based on regionally established goals and usage targets. The Salt Lake Regional goal is 187 gallons per capita per day.

Draper City's water conservation goal is 183 gallons per capita per day.

Draper City currently has a population of 51,560 based on the estimate provided by the Kem C. Garn Policy Institute at the University of Utah. This population is city-wide, located within both Salt Lake County and Utah County.

Draper city is served by two separate water service providers. The city operates a drinking water system for a population of approximately 23,205 or about 45% of Draper. It currently has 4,657 total meters of which 4,298 are residential and multifamily meters.

Water Usage

The 2024 usage within Draper's system, based on the gallons used per capita or resident per day (gpcd), is 165 gpcd. The baseline usage, to which the conservation effort is measured against, is the regional goal for year 2030 of 187 gpcd. This represents a current savings of nearly 12%.

In June 2014, Draper City adopted the conservation goal of saving 25% daily per capita usage by 2025. This was based on the declaration by Governor Herbert in 2013 directing a reduction in time to achieve the 25% goal based on the year 2000 usage from 2005 to 2025. Draper City's usage in 2000 was 244 gpcd. The resulting goal by 2025 was a usage of 183 gpcd. At the time of the conservation goal adoption, it was 192 gpcd. And as stated, the current usage rate is 165 gpcd.



Based on the 2014 target, the city has achieved both the adopted city goal and the regional goal. However, the city will continue to practice good conservation efforts.

Water Conservation Activities

Draper City will continue its efforts towards conservation by implementing the following four programs:

1. Expanding and cooperating with partners and other agencies in wastewater reuse.
2. Installing advanced metering infrastructure and enhancing leak detection.
3. Expanding and cooperating with partners and other agencies on public awareness.
4. Monitor progress, adjust strategies, and promote further community engagement – Conservation Coordinator.

Expanding and cooperating with partners and other agencies in wastewater reuse are activities where the city supports WaterPro in their effort to implement wastewater reuse in their pressurized irrigation system throughout their secondary distribution system area. The city is ready to support WaterPro through their negotiations with other agencies, provide public support through city communications with residents, and with capital infrastructure construction through the city's permitting and right-of-way alignment assistance.

Advanced metering infrastructure installation and leak detection are ways the city is continuing to reduce “lost” water, where lost water is defined as the difference in the metered delivery of water from the city's wholesaler to the metered delivery of water by the city to the service connections. Part of that program will include the continuation of the rollout of meter replacements to upgrade to an Advanced Metering Infrastructure (AMI) with the supporting infrastructure where monitoring of usage can identify leaks to reduce the time from detection through repair. Both of these efforts will reduce water waste and “lost” water.



Expanding and cooperating with partners and other agencies on public awareness includes activities, social media posts, and city communications to residents in order to spread the conservation message throughout the city and influence future water use by its residents. The focus of those messages will be the programs and resources available through state, district, and local sources to present a unified and consistent approach to messaging and water conservation. The key to achieving Draper City's overall conservation goal is to incorporate the conservation efforts with cooperation between the city's two water providers, Draper City and WaterPro, and continue to incorporate proven methods learned from other agencies such as Jordan Valley Water Conservancy District, regions, or professional organizations.

Conservation activities have become a reality today. Conservation is a change in mindset towards guarding and protecting the limited water resources available in the area. Draper City will continue to participate with other agencies and encourage its residents to improve their own water use efficiency. This is an ongoing effort.

Monitor progress, adjust strategies, and promote further community engagement through a Water Conservation Coordinator staff position will provide a way to keep modifying the city's conservation efforts as conditions and situations change. The coordinator will be able to track usage through meter and data tools in order to ensure continued conservation progress during the next five-year conservation plan period.



Chapter 1 – Introduction

Purpose of the 2025 Water Conservation Plan Update

The Utah Water Conservation Plan Act (§73-10-32 UCA) requires each public water system serving more than 500 service connections to file with the Utah Division of Water Resources a water conservation plan and update that plan every five years. Draper City filed its current conservation plan in December 2020. This document, after adoption by the Draper City Council, becomes the city's conservation plan for the next five years, 2026 through 2030.

In 2019, the state adopted a regional approach to overall water conservation. Those goals are outlined in the Utah's Regional M&I Water Conservation Goals report, November 2019. The Salt Lake Region goal for 2030 is 187 gpcd stating a 2015 usage of 210 gpcd for the regional area. This goal is to be re-evaluated by the state in 2030 at which time, a new usage rate will be adopted.

Currently, the Utah Division of Water Resources has the Water Resources Plan, December 2021, called the Utah State Water Plan. This plan outlines strategies and data requirements for municipalities. The city follows the information contained in the referenced plan.

Draper City uses the following definitions for gross water use and per capita water use within this conservation plan:

Gross Water Use – the total volume of treated and untreated water entering the distribution systems of an urban retail water supplier and excludes agricultural water and recycled water use. Pressurized secondary water systems are considered part of their urban retail water supply systems.

Per Capita Water Use – the gross water uses in a calendar year divided by the number of residents during that year divided by 365 days per year (gallons per capita per day (gpcd)).



Background

Draper City covers approximately 30 square miles in the southern area of Salt Lake County extending from the valley floor up and over Traverse Mountain into northern Utah County. This provides the city with a unique setting to operate a drinking water distribution system.

Draper City is served by two separate drinking water systems: WaterPro, Inc. and Draper City. Figure 1.1 shows the service areas between the two providers, with the city's system divided into three billing zones. The old Utah State Prison site, located mostly within city limits, is in the process of being developed into a mixed-use development, known as The Point. At the present time, utility and street infrastructure are under construction but will become a significant area of the city's drinking water system area.

Even though this area was historically a separate system, it will become part of the Draper City water system at a future time. It will also be serviced with a secondary system by WaterPro. The development of The Point is focused on conservation and sustainability, per The Point Framework Plan.

At the present time, The Point area is not included in this conservation plan update. WaterPro will complete a separate conservation plan. This plan applies only to Draper City's drinking water distribution system.

Each billing zone within the city's distribution system is based on the expense of water delivery based on electrical power usage. Zone 1 is located on the valley floor, mostly west of Interstate 15 (I-15). This area has minimum elevation difference and is a non-pumped or gravity zone from the city's wholesale sources. Zone 2 is located on the south valley bench area. It requires the city to pump the water to supply the area with drinking water. Zone 3 is located along the top of Traverse Mountain and down the south slope into Utah County. The water delivered Zone 3 is pumped from Zone 2, pumping in stages from the lower zone.

For the calendar year 2024, the city had 3,871 residential connections and 335 commercial, industrial, and institutional connections. The total water used in the system, including lost water, is 4,297.97 acre-feet. All of the services in the city's distribution system are metered. The city does not have a secondary or pressurized irrigation system.



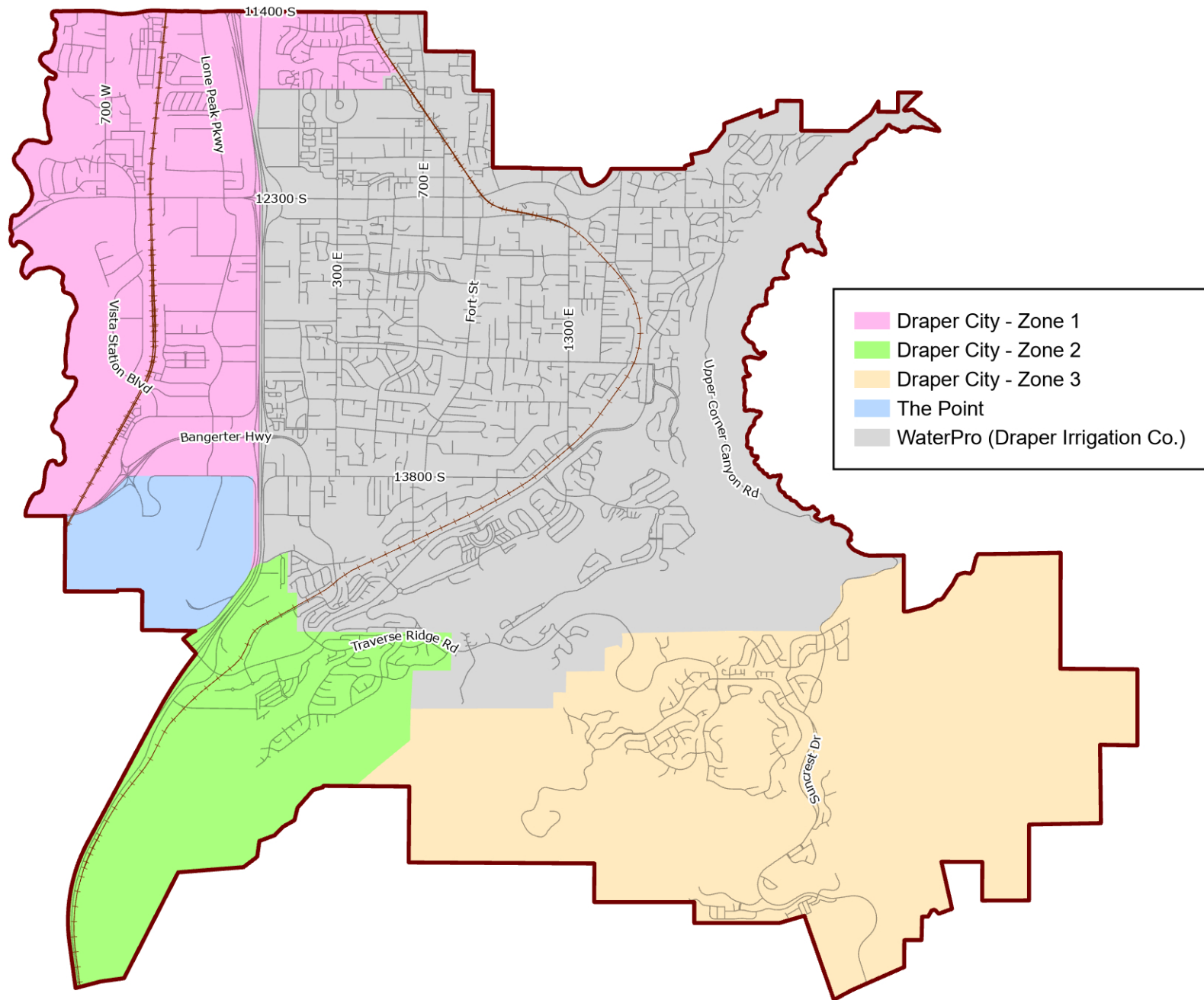
The city has a wholesale contract with Jordan Valley Water Conservancy District (JVWCD) to supply 100% of the drinking water used in each zone. Drinking water is delivered by JVWCD to the city through several master meters providing measured water delivery. JVWCD has a variety of groundwater and treated surface water sources that it can deliver water to the city's wholesale delivery points. Contact JVWCD for information regarding their sources and supply projections.

Since the city of Draper is served by two water providers, much of the information presented and conservation effort is coordinated between the city and WaterPro. In addition, JVWCD provides valuable conservation programs and support to its member agencies. Draper benefits from its relationship and cooperation with JVWCD.

Draper City regularly participates in, and promotes, conservation programs and projects initiated by others in order to provide a consistent and uniform approach to reducing per capita water usage.

The data presented in this report does not update the data previously reported in past conservation plans and is an analysis of the years 2020-2024.





Chapter 2 – Population, Present and Future

Current Population

The population in Draper City as of July 1, 2024 as published by the Kem C Gardner Policy Institute at the University of Utah, is approximately 51,560. This represents the entire city population in both Salt Lake and Utah counties.

Recall that the city is served by two separate water service providers. Figure 1.1 provides a layout of the two areas. Based on the number of service connection within the city's system, the current population estimate served by Draper City is estimated to be 23,205 within the city's system. This represents approximately 45% of the population of Draper City who are within the city's system and part of this conservation plan.

Past Population, Continued Growth

In the past, Draper was one of the fastest growing communities within Salt Lake County. Between 1990 and 2000, the population of the city grew by 250%. The 1990 U.S. Census indicated that the population was 7,143. By 2000, the U.S. Census indicated that the population had grown to 25,220. Most of this growth occurred outside the city's distribution system. However, since the end of the 1990s and into the early 2000s, the city's water system area saw substantial growth. The period from 2000 to 2008, the city as a whole grew 57%.

During the early parts of the most recent decade, growth slowed substantially from 2009 to 2013 to just 4.7%. The population was reported by the U.S. Census in 2009 as 43,239. That is a total estimated population growth of just 2,045 citizens to the approximate 2013 population of 45,284. From 2013, the remainder of the decade had an average growth rate of 1.5% per year, fluctuating with diminishing annual growth rates with a brief period of increased growth. In the middle of the decade, where the peak growth rate occurred, the growth rate increased to an annual growth of 2.4% during 2013 - 2014. After 2016, the growth rate returned to approximately 1% per year. The latest growth rate reported for 2018 to 2019 is approximately 0.7%, per the Salt Lake and Utah County Subcounty Estimates, 2010-2019 by Kem C Gardner Policy Institute at the University of Utah. Most of this growth occurred in the Utah County portion of the city's water system.



Since 2020, the population of Draper City has slowed to a growth rate of 0.3%. The population has decreased in Salt Lake County by 0.2% (negative growth rate) while increasing in Utah County by 8.1%.

Population, Future Growth

The current population estimate is 51,590 citywide, as stated above. Table 2.1 shows the future population projection of the entire city, based on the Governor's Office of Management & Budget, 2012 Baseline Projections. For this report update, this projection was determined to be acceptable.

Table 2.1 – Population Projection

	2020 ⁽¹⁾	2024 ⁽²⁾	2030	2040	2050	2060
Salt Lake County	46,793	48,106	52,680	56,742	62,421	67,893
Utah County	2,794	3,484	3,303	3,977	5,100	6,200
Total Population ⁽³⁾	48,587	51,590	55,982	60,719	67,521	74,093

Note (1): Census online numbers.

Note (2): Kem C. Garner Policy Institute at University of Utah

Note (3): The population projection does not include any projections from The Point

Draper City, as shown in figure 1.1, is served by two water systems. Based on existing population estimates and water service areas, the city's system still has substantial growth potential while the WaterPro service area is nearing what is considered its build-out. Build-out is reached when undeveloped land has essentially been completely developed and growth is limited to redevelopment or increased densities from existing use. The majority of the projected growth within Draper City's system will be within The Point development, where the development plan indicates there will be nearly 7,900 residential units.

This could increase the city's water system population to somewhere between 16,000 to 23,000 just within The Point.

According to the U.S. Census website, Draper City averages 2.96 individuals per household. The number of individuals per household was as high as 3.69 prior to 2010. Since that time, the number has been falling. According to the U.S. Census website, in 2014 there were 3.44 individuals per household. At the time of this update, the stated individuals per household 2.96, listed as accurate for the years of 2019-2023 on the U.S. Census website.

Previously reported population numbers presented in the past conservation plans will not be revised based on updated historic information.



Chapter 3- Water Conservation Goal and Implementation

Conservation Goal

On June 17, 2014, Draper City adopted a new water conservation goal of 25% reduction in usage by year 2025 in gallons per day per capita (gpcd) usage from the year 2000 base usage. In 2000, the city's usage was 244 gpcd. The 25% reduction in usage equals 183 gpcd, a reduction of 61 gpcd. This is the current conservation goal for Draper City.

Through the governor's office, Governor Herbert released a report titled "Recommended State Water Strategy, July 2017." This report emphasizes the need to have multiple jurisdictions work together, regionally; to achieve the regional conservation goals to protect future water sources and provide quality drinking water through 2060 of the state's projected population. As a result of that initiative, the Utah Division of Water Resources (DWR) published a report in 2019 establishing regional goals titled, "Utah's Regional M&I Water Conservation Goals." Within that report, the conservation goal for the year 2030 for the Salt Lake and Tooele Counties region is 187 gpcd.

As a side note, JWCD adopted the regional goal of 187 gpcd by the year 2030. Meanwhile, WaterPro has an adopted goal of 179 gpcd by the year 2025 that they adopted in 2019 before the regional goal was published.

Draper City's conservation goals and activities are planned to encourage water use behavior changes system wide. As well as decrease overall water usage, measured on a per capita basis. During this conservation report period, the city will strive to improve upon the regional and city goals to continue reducing the per capita usage volume through 2030.

Conservation Activities

Draper City will implement during this five-year conservation report period the following four programs. Through each program during the next five-year period Draper can continue towards reaching our conservation goal. The four programs are:

1. Expanding and cooperating with partners and other agencies in wastewater reuse.
2. Installing advanced metering infrastructure and enhancing leak detection.



3. Expanding and cooperating with partners and other agencies on public awareness.
4. Monitor progress, adjust strategies, and promote further community engagement – Water Conservation Coordinator.

These four programs will provide the basis for the efforts of the city during the conservation report period. Each of these are explained below.

Conservation Implementation

Wastewater Reuse:

Although Draper City does not have a separate secondary system for outdoor water, it can benefit from the development of regional wastewater reuse development. The reuse program requires effort from many different agencies, such as Jordan Basin Improvement District, Jordan Valley Water Conservancy District, WaterPro, Bureau of Reclamation, and the city in order to construct and implement the necessary improvements and agreements required to be successful. By partnering with WaterPro, the city can provide education and conservation message as part of the required support of the reuse program.

In order to take advantage of the potential for wastewater reuse, a secondary system has to be available, a wastewater treatment plant located within a feasible connection point of the irrigation system with the capability to add reuse from its effluent, and the required base water rights are all required to accomplish this conservation goal. WaterPro has a pressurized irrigation system throughout a significant portion of Draper City. The treated wastewater effluent from all of Draper, including both service areas, would be available to reuse from South Valley Sewer District's south valley wastewater treatment plant to the system providing a constant, stable supply. Draper City would enter into a mutually beneficial agreement with WaterPro to complete the goal of wastewater reuse.

The wastewater reuse plan is based on efforts by WaterPro to develop reuse as a sustainable source for its pressurized irrigation system. WaterPro has begun construction on capital projects to bring a reuse supply into the city, connecting it to their system, so that in the future it will provide improved quality irrigation water.



The city has supported this effort and continues to review future opportunities to cooperate with WaterPro. Information regarding the reuse and its benefits can be found within WaterPro’s conservation plan. The city’s portion of the reuse program will include public outreach, agreements for capital project alignments and construction, and support in maximizing the reuse volume available for use.

Advanced Metering Infrastructure and Leak Detection:

The city funded a conversion to Advanced Metering Infrastructure (AMI) within its distribution system. This technology allows for continual monitoring of water usage in real time. The infrastructure required to implement this system will be constructed and incorporated through this conservation period. Each meter in the city’s system will continue to be replaced, to ensure seamless integration. Once the system is operational, the city will be able to monitor each meter and determine if there is a leak on the customer’s side of the meter.

Draper strives to keep its unexplained system water loss to less than 10%. Each year the meter records of both the supply, from JWCD, and the city’s customers are audited to evaluate the amount of water lost to system leaks or unmetered uses, the largest of those being construction water through rented, portable water meters that end up malfunctioning or are damaged. During the last five years, the unexplained losses averaged ten percent (10%). The maximum loss percentage experienced was under 12%. The last year’s loss rate was eight percent (8%). Table 3.1, below, shows the lost water over the last several years.

Table 3.1 – Supply, delivery, and lost water

Year	Supply (ac-ft)	Delivered (ac-ft)	Lost/Non-revenue	
			(ac-ft)	(%)
2020	5,062.93	4,458.75	604.18	11.9%
2021	4,548.75	4,475.00	535.72	11.7%
2022	4,259.41	3,808.48	450.93	10.5%
2023	4,231.70	3,907.21	324.49	7.6%
2024	4,674.60	4,290.97	383.63	8.2%

Expanding and Cooperating on Public Awareness:

Public outreach is very crucial to make people aware that water is not an unlimited resource. With public outreach we can help consumers gain knowledge and understanding on conserving water.

In addition, the city continues to participate in other regional conservation programs. Some of these programs include Slow the Flow, JWCD's Water Conservation Garden Park, Localscapes, etc. The city's participation will be in advertising, as authorized, to its residents through water bill inserts, notices posted within city hall, information updated on the city's website, and through social media. Referring residents and business owners to the existing conservation programs will not confuse or dilute the conservation message needed all along the Wasatch Front.

The success of public education will be reflected system wide through a reduction in water consumption.

Monitoring Progress, Adjusting Strategies, and Promoting Community Engagement through a Conservation Coordinator:

A key part of any goal is verification and documentation. Having a water conservation coordinator as a component of a full-time staff position will allow for ownership and consistent application of conservation efforts from within the city. This position will monitor usage through meter and data technologies allowing for real-time understanding of usage and conservation patterns as they develop.

Having the information available and tracking it through time will allow for modification to the social media posts, the information presented on the city's website, and will support changes in the city's engagement in regional programs.

A key component of conservation is drought awareness and response. As any dry conditions develop, the city will be able to increase the frequency or adoption of modified regional messages with a coordinator responsible for conservation efforts.



Chapter 4- Water Use

Existing Water Usage

In order to compare usage from year to year, as the city's population grows and fluctuates, one method to track ongoing usage levels is to calculate usage based on a per capita basis. As stated above, the population reported in 2024 of Draper was 51,560 citywide. The population within Draper's distribution area was estimated to be 23,205. This is based on taking the number of residential meters and residential units served within the city's system and applying the average number of residents per connection. Refer to chapter 2 for additional population information.

Figure 4.1 provides a graph of water usage within the city's system since 2015. It represents the total amount of water supplied to the water system each year divided by the population. The volume of water includes commercial, industrial, and civic uses, such as irrigating city parks, as well as residential uses inside homes and outdoor uses in yards and landscaping. The two major factors impacting use are economic conditions and weather.

To date over the last ten years, the least amount of water used, per capita per day, occurred last year, where the usage was 165 gpcd. Part of the overall reduction is the number of high-density areas within the city's system. This reduces area of outdoor irrigation and reduces the impact of weather where the region may have had wet spring and summer conditions during periods of lower usage. There was little need to irrigate outdoor landscaping resulting in a great reduction in the volume used, especially during the spring and early summer. This usage is less than the city's conservation goal of 183 gpcd. During the last five years the average usage was 177 gpcd, showing Draper achieved its goal.

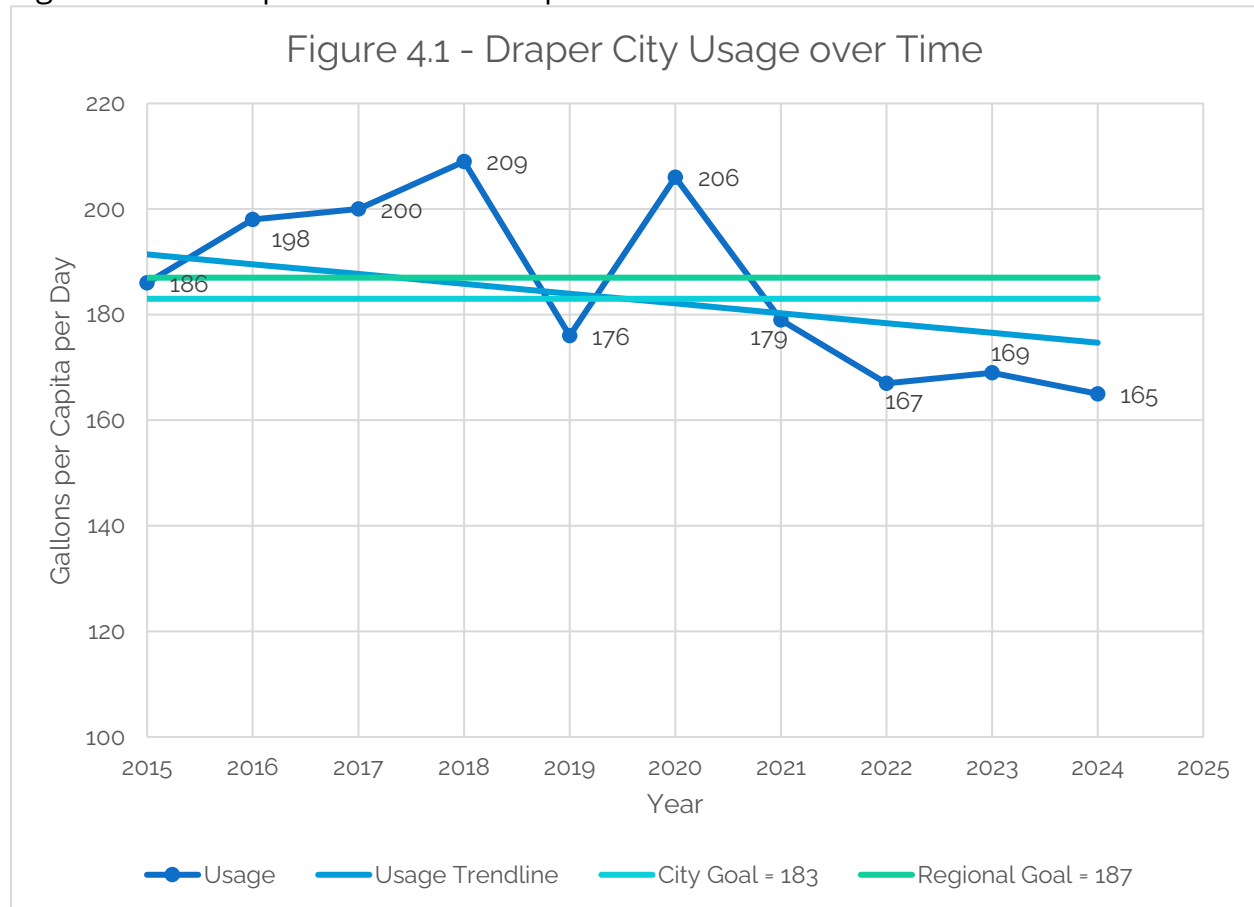
In years where conditions are dry or there is a drought, usage increases. Looking at 2018 and 2020, two dry years with a wet year in between, usage increased by was at 209 gpcd and 206 gpcd respectively, while the wet year in the middle was 176 gpcd. This shows the large swings that can occur in any single year, but also shows how the weather will impact conservation efforts.

As shown in Figure 4.1, the overall trend line, shown as a solid black line, is projecting that the city will achieve its goal of reducing the per capita per day usage to meet the city's goal by 2025, being 183 gpcd.



This achievement is ahead of the regional goal of 187 gpcd by 2030. It is worth noting that the annual fluctuations have been narrowing, while generally trending lower towards the city's conservation goal.

Figure 4.1 Per Capita Water Use Graph



With the year 2000 as the baseline per capita usage of many conservation efforts, it is important to note that Draper City has a baseline usage of 244 gpcd. The average per capita usage within the city's distribution area since 2000 is 197 gpcd. This average usage represents a decrease of over nineteen percent (19%) from the baseline.

Adding a trend line of Usage to the graph, showing the linear direction of the per capita usage, it shows the overall usage is being reduced, measured on a per capita basis, and is on track to continue to exceed the city's conservation goal. During this conservation report period, the city will continue to monitor the trend line of Usage as an indicator of conservation success.

Chapter 5- Best Management Practices

Implementation of the Recommended Best Management Practices

Draper City currently has the following Best Management Practices (BMPs) implemented and a status of each is presented, as identified in state code §73-10-32(2)(b). These highlight the four specific elements identified in the state code, but are not an all-inclusive list of BMPs the city uses in its conservation efforts.

BMP 1 – Retail Water Rate Structure (73-10-32(2)(a)(iv) & 73-10-32(2)(b)(vii))

Draper City has an adopted tiered water rate structure. There is an increase in the cost per 1,000 gallons in each of the tiers, in both residential and commercial accounts.

Table 5-1: Current Water Rates

Service	Base Rate	Monthly Charge Per 1,000 Gallons		
		Zone 1	Zone 2	Zone 3
Residential Water rates				
Base rate	\$31.44			
Tiered water rate schedule 1 - 5,000 gallons		\$2.24	\$2.47	\$3.92
5,001 -20,000 gallons		\$3.90	\$4.17	\$5.66
20,001 - 50,000 gallons		\$4.19	\$4.47	\$5.98
50,001 - 100,000 gallons		\$4.46	\$4.75	\$6.27
Over 100,000 gallons		\$4.77	\$5.07	\$6.71



Service	Base Rate	Monthly Charge Per 1,000 Gallons		
Commercial water rates				
Base rate	\$31.44			
Tiered water rate schedule 1 - 50,000 gallons		\$2.82	\$3.07	\$4.54
50,001 - 250,000 gallons		\$2.89	\$3.14	\$4.63
Over 250,000 gallons		\$2.95	\$3.21	\$4.74

BMP 2 – Distribution System Leak Repair (73-10-32(2)(b)(v))

Draper City has begun installing the advanced meter reading technology to enable both the city and its water users the ability to determine when a leak may occur. This will provide the opportunity for quick response to mitigate and reduce the potential for lost water. See Chapter 3 of this report for information.

BMP 3 – Dissemination of Public Information (73-10-32(2)(a)(vi))

Draper City publishes conservation related information through its social media accounts, in bill stuffers, and provides information on its website. References to programs provided by Jordan Valley Water Conservancy District are displayed at city hall and are promoted throughout the year.

BMP 4 – Ordinances Designed to Encourage Efficient Use of Water (73-10-32(2)(a)(viii))

Draper City has updated its landscaping city ordinance in 2023 and 2024 addressing efficiency and to promote water conservation. See Draper City Municipal Code Title 9 Chapter 23 for additional information. Part of these ordinance updates were to adopt the Jordan Valley Water Conservancy District efficiency standards.



Chapter 6- Recommendations

The goal of Draper City is to continue decreasing its annual consumption, based on the gallons per day per capital measurement. Public engagement and continued system optimization contribute to the downward trend of per capita water usage where the city's conservation goal of a 25% reduction in per capita consumption by 2025 was achieved. The conservation effort will continue to see reductions in per capita usage.

Draper City's water conservation goal is a 25% reduction in usage by 2025 in gallons per day per capita usage from 2000 base usage. In 2000, the usage in gallons per day per capita (gpcd) was 244. The 25% reduction in usage equals 183 gpcd, a reduction of 61 gpcd.

The Division of Water Resources published the regional goals in 2019 to provide a comprehensive approach to water conservation. The goal for Salt Lake and Tooele counties is 187 gpcd by the year 2030. Since this goal is higher than the city's current goal, the city has not yet formally adopted the regional goal. During this conservation report period, the city will evaluate the regional goal to determine adoption of it.

The following are the programs, including both current and future, will assist the city in its goal:

- Expanding and cooperating with partners and other agencies in wastewater reuse for the city in partnership with WaterPro.
- Installing advanced metering infrastructure and enhancing leak detection.
- Expanding and cooperating with partners and other agencies on public awareness.
- Monitoring progress, adjusting strategies, and promoting further community engagement – Conservation Coordinator.



Proposed Implementation Schedule

The key to achieving Draper City's overall conservation goal is to continue the incorporation of the conservation efforts outlined in Chapter 3, continue cooperation between the city's two water providers, Draper City and WaterPro, and continue to incorporate proven methods learned from other agencies such as Jordan Valley Water Conservancy District, regions, or professional organizations.

These water conservation efforts presented in this report have been ongoing and will continue to be emphasized during the next five-year period. Water Conservation is a frame of mind and the city is committed to presenting a unified approach regionally and within the city's system by implementing these approaches during the ongoing five-year period.

Conservation activities have become a reality today. Conservation is a change in mindset towards guarding and protecting the limited water resources available in the area. Draper City will continue to participate with other agencies and encourage its residents to improve their own water use efficiency. This is an ongoing effort.



Appendix

Adoption Resolution City Council Minutes



MINUTES OF THE DRAPER CITY COUNCIL MEETING HELD ON TUESDAY, DECEMBER 2, 2025, IN THE DRAPER CITY COUNCIL CHAMBERS, 1020 EAST PIONEER ROAD, DRAPER, UTAH

PRESENT: Mayor Troy K. Walker, and Councilmembers Bryn Heather Johnson, Tasha Lowery, Fred Lowry, and Marsha Vawdrey

EXCUSED: Councilmember Mike Green

STAFF: Mike Barker, City Manager; Kellie Challburg, Assistant City Manager; Scott Cooley, City Engineer and Public Works Director; Spencer DuShane, Assistant City Attorney; Rich Ferguson, Chief of Police; Traci Gundersen, City Attorney; Jennifer Jastremsky, Community Development Director; Rhett Ogden, Parks and Recreation Director; Derek Orth, Human Resource Director; Linda Peterson, Communications Director; Nicole Smedley, City Recorder; Clint Smith, Fire Chief; Jake Sorensen, Network Manager; and John Vuyk, Finance Director

Study Session

Closed Session

None

Discussion: Special Event Arena Committee

Assistant City Manager Kellie Challburg requested Council direction regarding the Special Event Arena Committee. She reported that three current members wished to continue serving, while three members' terms had expired and those individuals might also be interested in continuing. She stated that staff had experienced difficulties with recruitment and reported that the Committee had assisted with the rodeo, horse pull, monster truck event, and holiday market.

Ms. Challburg stated that staff had discussed the possibility of bringing additional events to the arena to provide the Committee with more activity. The Council discussed the importance of ensuring the Committee remained active and felt needed. Councilmember Vawdrey stated that it would not be advisable if the events did not result in a profit. Councilmember T. Lowery suggested combining the Special Event Arena Committee with the Community Engagement Committee. Ms. Challburg reported that the Community

Engagement Committee was limited to a maximum of eleven members under City Code and currently had ten active members.

Councilmembers F. Lowry and T. Lowery stated support for combining the two committees. Councilmember Johnson stated that if a new committee were created, current members of both committees could be asked to reapply. Councilmember T. Lowery added that priority could be given to those currently serving. Councilmember F. Lowry stated that some current Community Engagement Committee members might welcome a new direction.

A majority of the Council indicated support for combining the Special Event Arena Committee and the Community Engagement Committee as one eleven-member committee.

Report: Major Road CIP

Public Works Director Scott Cooley reported completed road capital improvement projects, including: 2025 pavement maintenance; storm drain improvements on 700 West; 13800 South widening; Suncrest guardrail concrete barrier; and the sidewalk gap project.

The Council and staff discussed possible improvements on 700 West. Mayor Walker explained that widening and improvements had been planned in the past, but were put on hold when residents reached out against the improvements. Mr. Cooley reported a major project that had been planned for 2026 would need to be postponed because of UDOT, and suggested improvements on 700 West could be added to the queue for 2026. Mayor Walker suggested reaching out to current residents to see if they now wanted the road widened. Councilmember T. Lowery said she did not think the road had enough traffic to merit widening, but said she believed residents wanted sidewalk for safety.

Responding to a question from Councilmember T. Lowery, Mr. Cooley said despite reports and perception of residents, speed studies had not found a speeding problem on 700 West. Councilmember T. Lowery said she believed a lot of concerns could be alleviated with the addition of sidewalk and a safe crossing to the park. Mr. Cooley explained sidewalk could be added to one side of the street, but addition of sidewalk on the other side would be challenging because of irrigation issues. He said he would support a decision to not widen 700 West.

A majority of the Council indicated support for sidewalk improvements on 700 West (estimated \$450,000 cost).

Mr. Cooley explained upcoming projects: a new pump at Pump Station 3; Zone 4 sidewalk repairs; 1700 East storm drain improvement; Lone Peak Parkway widening (postponed by UDOT); 14600 South/Minuteman intersection improvements, Pioneer Road resurfacing; and 13400 South connection. Members of the Council expressed a desire to tour a pump station.

Report: Mowing Contract Update

Parks and Recreation Director Rhett Ogden thanked the Council for its support in approving a mowing contractor in the previous budget. He reported that the mowing contract approved by the Council freed up at least three full-time staff positions and allowed for the addition of a City Arborist position. He stated that the change was successful and improved staff morale.

Mr. Ogden also reported a change in the holiday lighting contractor for 2025. He stated that holiday lights would now be leased, resulting in cost savings and a reduction in staff time.

Council/Manager Reports

None

Business Session

1. **Call to Order by Mayor Troy K. Walker**

2. **Pledge of Allegiance by Mayor Walker**

3. **Oaths of Office**

Chief of Police Rich Ferguson recognized Ben Ricks and Zach Campbell for promotion to the rank of Master Officer. City Recorder Nicole Smedley administered the Oath of Office.

4. **Recognition**

Brigham City Police Chief Chad Reyes introduced Chief Jeff Simmons with Logan City and Brigham City Mayor DJ Bott. He expressed gratitude for assistance provided by Draper City in dealing with a tragedy that occurred in

Box Elder County. Chief Reyes and Chief Simmons presented Captain Pat Evans with a Medal of Merit for exceptional leadership and support demonstrated by him and the Draper City Police Department during planning and execution of funeral services for Sergeant Lee Sorensen and Officer Eric Estrada. Mayor Bott expressed gratitude for the support from the Draper Police Department and City Council.

Mayor Walker commended and expressed gratitude for Captain Evans. The Council took the opportunity for a photograph.

5. Public Comments

None

6. Consent Items

- 6.a Approve the November 18, 2025 City Council Meeting Minutes
- 6.b Approve Resolution #25-68 appointing Laura Fidler as an alternate member of the Draper City Planning Commission
- 6.c Approve Resolution #25-69 supporting America250 Utah and recognizing and approving the Draper Utah 250 Community Committee
- 6.d Approve Resolution #25-70 disposing of personal property held by the Police Department as lost or mislaid property in accordance with Utah Code Section 77-11d-101
- 6.e Approve Resolution #25-71 approving updated technical specifications and standard drawings for public infrastructure
- 6.f Approve Resolution #25-73 amending previously issued deeds to land that had not yet been recorded for the Warhorse Ranch Development Agreement

Councilmember Vawdrey moved to approve the Consent Agenda. Councilmember Johnson seconded the motion.

A roll call vote was taken. The motion passed unanimously.

	Yes	No	Absent
Councilmember Green			Excused
Councilmember Johnson	X		
Councilmember T. Lowery	X		
Councilmember F. Lowry	X		
Councilmember Vawdrey	X		

7. Items for Council Consideration

7.a Public Hearing: Ordinance #1692 amending the text of the Draper City General Plan to amend the Draper Frontrunner, Kimballs Lane, and Crescent View Station Area Plans, known as the amendment to the Draper Frontrunner, Kimballs Lane, and Crescent View Station Area Plans General Plan Amendment

Planner Todd Taylor reported that the FrontRunner (Vista), Kimballs Lane, and Crescent View Station Area Plans adopted by the Council on September 2, 2025, were certified by the Wasatch Front Regional Council on October 23, 2025. He stated that the next step in the process was certification by the Utah Transit Authority.

Mr. Taylor reported that following Council approval, the Utah Transit Authority requested revisions to figures in the Vista Station Area Plan to include a building at a specific location. He presented the proposed revisions for Council consideration.

Mayor Walker opened the public hearing, and closed the public hearing seeing no one come forward.

Councilmember F. Lowry moved to adopt Ordinance #1692. Councilmember Johnson seconded the motion.

A roll call vote was taken. The motion passed unanimously.

	Yes	No	Absent
Councilmember Green			Excused
Councilmember Johnson	X		
Councilmember T. Lowery	X		
Councilmember F. Lowry	X		
Councilmember Vawdrey	X		

7.b Public Hearing: Ordinance #1693 amending the text of the Land Use and Development Code (Title 9) and the Land Development Code (Title 17) of the Draper City Municipal Code relating to boundary adjustments, known as the City Initiated Boundary Adjustment Text Amendment

Mr. Taylor presented proposed text amendments to Titles 9 and 17 of City Code to comply with 2025 Senate Bill 104 regarding boundary adjustments. He stated that additional amendments were proposed for clarification.

Mayor Walker opened the public hearing, and closed the public hearing seeing no one come forward.

Councilmember Vawdrey moved to adopt Ordinance #1693. Councilmember Johnson seconded the motion.

A roll call vote was taken. The motion passed unanimously.

	Yes	No	Absent
Councilmember Green			Excused
Councilmember Johnson	X		
Councilmember T. Lowery	X		
Councilmember F. Lowry	X		
Councilmember Vawdrey	X		

7.c Public Hearing: Ordinance #1694 amending the Draper City General Plan to add the Water Use and Preservation Element as Chapter 7, known as the Water Use and Preservation Element General Plan Amendment

Mr. Taylor explained that 2022 Senate Bill 110 required adoption of a Water Use and Preservation Element by December 31, 2025. He stated that, as part of the drafting process, a stakeholder group was formed consisting of Planning, Engineering, Public Works, WaterPro, and the Utah Division of Wildlife Resources. He reported that work sessions were held with the Planning Commission and the City Council.

Mr. Taylor presented the proposed Water Use and Preservation Element as Chapter 7 of the General Plan and stated that the existing Chapter 7 would be renumbered as Chapter 8. He reported that the proposed Chapter 7 included six goals and 17 strategies.

Goals:

1. Strengthen the City's water conservation efforts through dedicated leadership, support, and collaboration.
2. Develop additional citywide policies and ordinances that enhance water conservation and efficiency through irrigation restrictions for existing developments.

3. Reduce water demand through water-conserving development patterns that increase development density through mechanisms such as modified lot size and configuration.
4. Increase public awareness of water conservation through educational programming. Consider applying for the Jordan Valley Water Conservancy District (JVWCD) Member Agency Grant to receive funding.
5. Increase public awareness of water conservation through the City's website, social media, and other digital tools.
6. Lead by example and increase water efficiency throughout Draper City's public landscapes.

Mr. Taylor answered questions about further development of the goals for implementation. Councilmember Johnson asked if non-residential, non-commercial water use (e.g., churches, schools) would be addressed. Community Development Director Jen Jastremsky responded the City was limited in what churches could be required to do, and said she did not think the City could require churches to fully comply with Code.

Mayor Walker opened the public hearing, and closed the public hearing seeing no one come forward.

Councilmember Johnson moved to adopt Ordinance #1694. Councilmember Vawdrey seconded the motion.

A roll call vote was taken. The motion passed unanimously.

	Yes	No	Absent
Councilmember Green			Excused
Councilmember Johnson	X		
Councilmember T. Lowery	X		
Councilmember F. Lowry	X		
Councilmember Vawdrey	X		

7.d Public Hearing #25-72 adopting a Water Conservation Plan update for Draper City

Engineering Manager Brien Maxfield presented the proposed 2025 Water Conservation Plan, required by the State to be updated every five years.

Mayor Walker opened the public hearing, and closed the public hearing seeing no one come forward.

Councilmember Johnson moved to approve Resolution #25-72. Councilmember T. Lowery seconded the motion.

A roll call vote was taken. The motion passed unanimously.

	Yes	No	Absent
Councilmember Green			Excused
Councilmember Johnson	X		
Councilmember T. Lowery	X		
Councilmember F. Lowry	X		
Councilmember Vawdrey	X		

7.e Public Hearing: Ordinances #1686 and Ordinance #1687 amending the official Zoning Map of Draper City for approximately 1.38 acres of property located at 11730 S. 700 West, known as the Huber Land Use Map and Zoning Map Amendments

Planner Maryann Pickering presented the subject property on a map. She stated that the current General Plan Land Use Map designation for the property was Residential Low-Medium Density and that the current zoning was RA1 (one-acre minimum). She reported that the applicant requested a Land Use Map amendment to Residential Medium Density and a zone change to R3 (one-third acre minimum) for approximately one-third of the property. She explained that the area proposed for the change would eventually be added to the subdivision to the west, with the remaining portion of the lot continuing to comply with the RA1 zoning requirements.

Tom Spencer, the applicant, stated that one approximately 19,000-square-foot lot would eventually be added to the Fox Landing Subdivision, with access from Osborne Vista Way.

Mayor Walker opened the public hearing, and closed the public hearing seeing no one come forward.

Councilmember F. Lowry moved to adopt Ordinance #1686 and Ordinance #1687. Councilmember T. Lowery seconded the motion.

A roll call vote was taken. The motion passed unanimously.

	Yes	No	Absent
Councilmember Green			Excused
Councilmember Johnson	X		
Councilmember T. Lowery	X		
Councilmember F. Lowry	X		
Councilmember Vawdrey	X		

- 7.f Public Hearing: Ordinances #1688 and #1689 amending the Official Land Use Map and an Ordinance amending the official Zoning Map of Draper City for approximately 17.88 acres of property 13782 S. 300 E, known as the Bangerter Crossroads Land Use Map and Zoning Map Amendments

This item was continued to a date uncertain.

- 7.g Public Hearing: Ordinances #1690 and #1691 amending the Official Land Use Map and amending the official Zoning Map of Draper City for approximately 1.44 acres of property located at approximately 231 E. 13800 S, known as the Openshaw Draper 138 Land Use Map and Zoning Map Amendments

This item was continued to a date uncertain.

8. Adjournment
Councilmember T. Lowery moved to adjourn the meeting. Councilmember Johnson seconded the motion, which passed by unanimous voice vote.

The meeting adjourned at 7:45 pm.

RESOLUTION NO. 25-72

A RESOLUTION OF THE DRAPER CITY COUNCIL ADOPTING A WATER CONSERVATION PLAN UPDATE FOR DRAPER CITY

WHEREAS, Pursuant to §73-10-32, Utah Code Ann. (1953) (the "Act") Draper City ("City") is required by the State of Utah to file a 2025 Water Conservation Plan Update; and

WHEREAS, the City has established a conservation goal to reduce water use within its service area by twenty-five percent by 2025; and

WHEREAS, the City desires to sustain existing water supplies, eliminate or delay more expensive water supply and infrastructure projects, and assist in providing an adequate water supply for future generations; and

WHEREAS, it is recognized that our water supply serves as an essential resource for health and safety of our citizens, local fire protection, agricultural needs, residential and commercial landscaping support, and is a critical link in economic development for our community; and

WHEREAS, specific water conservation measures and strategies as identified in the 2025 Water Conservation Plan Update report, dated December 2025, attached in Exhibit A must be adopted at this time, to comply with the Act, and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF DRAPER CITY, STATE OF UTAH, AS FOLLOWS:

Section 1. Adoption. The City Council hereby adopts the 2025 Water Conservation Plan Update as shown in Exhibit A attached hereto and incorporated herein by reference.

Section 2. Effective Date. This Resolution shall become effective immediately upon its passage.

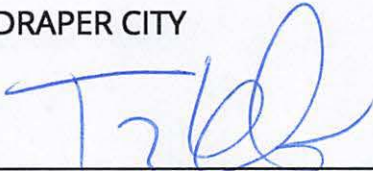
Section 3. Compliant. City has met the requirements of the Act in its preparation of the 2025 Water Conservation Plan Update.

(Signature page to follow)

PASSED AND ADOPTED BY THE CITY COUNCIL OF DRAPER CITY, STATE OF UTAH, ON THIS 2nd DAY OF DECEMBER, 2025.



DRAPER CITY



Mayor Troy K. Walker

ATTEST:



Nicole Smedley, City Recorder

VOTE TAKEN:

- Councilmember Green
- Councilmember Johnson
- Councilmember T. Lowery
- Councilmember F. Lowry
- Councilmember Vawdrey
- Mayor Walker

YES	NO	ABSENT
<u>Excused</u>	_____	_____
☒	_____	_____
☒	_____	_____
☒	_____	_____
☒	_____	_____
_____	_____	_____

Support

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Notice of Public Hearing: Water Conservation Plan 2025 Update

Give Feedback

General Information

Government Type:

Municipality

Entity:

Draper

Public Body:

City Council

Notice Information

Add Notice to Calendar

Notice Title:

Notice of Public Hearing: Water Conservation Plan 2025 Update

Notice Tags:

Other

Notice Type(s):

Notice, Hearing

Event Start Date & Time:

December 2, 2025 07:00 PM

Description/Agenda:

Posted on November 18, 2025, on the Utah Public Notice Website www.utah.gov/pmn/ Draper City Website www.draperutah.gov/news/ and at Draper City Hall, 1020 E. Pioneer Road, Draper, UT

NOTICE OF PUBLIC HEARING: Water Conservation Plan 2025 Update

Notice is hereby given that Draper City will hold a public hearing before the City Council to consider the above listed request. The purpose of the request is for adoption of the Water Conservation Plan 2025 Update to direct city water conservation efforts for the next five years in compliance with Utah State Code.

The City Council hearing will be on December 2, 2025 at 7:00 p.m. at Draper City Hall, 1020 E. Pioneer Rd., in the City Council Chambers.

The complete notice is posted on the Utah Public Notice Website; www.utah.gov/pmn/, Draper City Website; www.draperutah.gov/news/, and at Draper City Hall.

To request a copy of the public notice or for additional inquiries contact Brien Maxfield at (801) 576-6326 or brien.maxfield@draperutah.gov.

Dated this 18th day of November, 2025.

Attest: Nicole Smedley, City Recorder

Notice of Special Accommodations (ADA):

In compliance with the American with Disabilities Act, any individual needing special accommodations or services during this meeting shall notify Nicole Smedley, City Recorder at (801) 576-6502 or nicole.smedley@draperutah.gov, at least 24 hours prior to the meeting.

Notice of Electronic or Telephone Participation:

This meeting may be conducted electronically to accommodate the participation of a Councilmember.

Other Information:

N/A

Give Feedback

Meeting Information

Meeting Location:

1020 E Pioneer Road
Draper, UT 84020

[Show in Apple Maps](#)

[Show in Google Maps](#)

Contact Name:

Nicole Smedley

Contact Email:

nicole.smedley@draperutah.gov

Contact Phone:

(801)576-6502

Give Feedback

Notice Posting Details

Notice Posted On:

November 18, 2025 02:13 PM

Notice Last Edited On:

November 18, 2025 02:13 PM

Audio File Address

Audio File Location:

<https://www.draperutah.gov/city-government/agendas-and-minutes/>

Download Attachments

File Name	Category	Date Added
CC 12.2 Water Conservation Plan 2025 Update.pdf	Public Information Handout	2025/11/18 02:00 PM

Board/Committee Contacts

Member	Email	Phone	Give Feedback
Troy Walker	troy.walker@draperutah.gov	N/A	
Mike Green	mike.green@draperutah.gov	N/A	
Marsha Vawdrey	marsha.vawdray@draperutah.gov	N/A	
Tasha Lowery	tasha.lowery@draperutah.gov	N/A	
Fred Lowry	fred.lowry@draperutah.gov	N/A	
Bryn Heather Johnson	bryn.johnson@draperutah.gov	N/A	

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