

PANGUITCH CITY

CULINARY WATER CONSERVATION AND MANAGEMENT PLAN



UPDATED DECEMBER 2024





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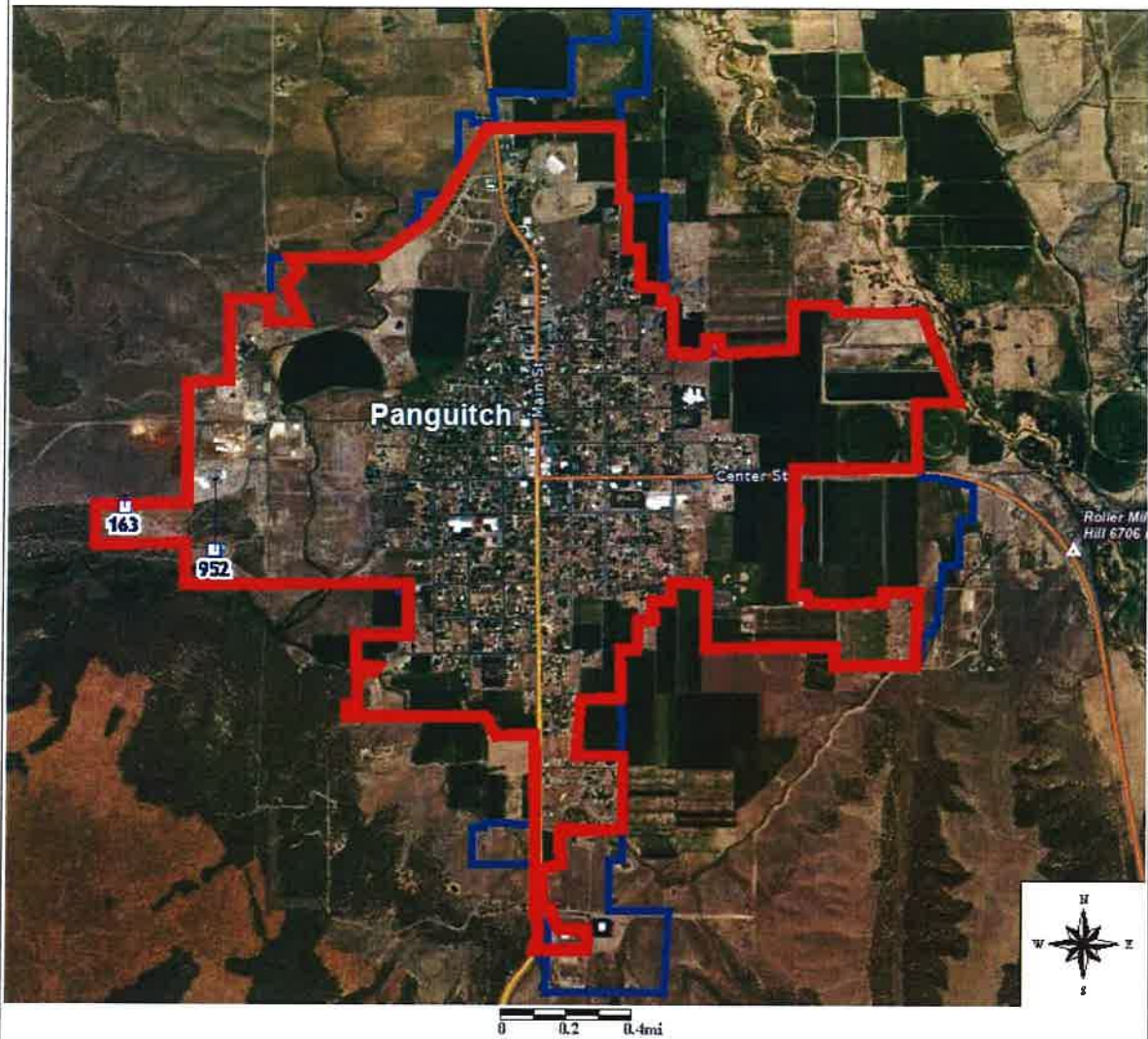


INTRODUCTION

In response to the rapid growth occurring throughout the state of Utah, Panguitch City citizens and leaders are becoming concerned for the future cost and availability of the water supply. A similar concern has been demonstrated by the state legislature in the Water Conservation Plan Act (House Bill 71) passed and revised in the 2004 legislative session (Section 73-10-32 Utah Code Annotated). This water conservation plan is written to address the concerns of leaders and citizens of both Panguitch City and the State of Utah.

Panguitch City, the county seat of Garfield County, with a population of 1600 +/- is presently experiencing a low growth rate relative to other areas within the State of Utah. Panguitch did experience significant growth in 2006 & 2007, and again in 2021 & 2022. As growth and development take place, the City's culinary water system must be improved and enlarged to support that growth. This creates a concern to the leaders of Panguitch City of the future costs to develop new water sources.

Panguitch City Water Service Area



EXISTING WATER RESOURCES

Panguitch City owns the water rights to a group of springs located in the mountains west of town and two wells in addition to the springs.

Storage

Panguitch has 3 steel tanks currently used for culinary water storage. The capacity of each tank is 500,000 gallons which makes the total storage capacity 1,500,000 gallons.

Source Summary (Displayed in Acre Feet)

Year	Status	2022	2021	2020	2019	2018
Delong-Indian Hollow Springs (Group)		951.56	876.74	764.14	559.75	391.18
Town Well (WS002)		0.00	0.00	0.00	0.00	224.82
Well #2 (WS008)		163.34	145.30	155.39	399.09	15.69
Total Per Year		1,114.91	1,022.04	919.53	958.85	631.69

Source Name: Delong-Indian Hollow Springs (Group)

Source Id: 10520001

PLS Location: N 544 ft W 836 ft from SE cor Sec 30 T34S R5W SL

Source Type: Spring

Source Status: Active

Primary Use: Water Supplier

Diversion Type: Withdrawal

Saline Water: N

Well ID Number:

Water Right Number: [61-2134](#), [61-1023](#), [61-920](#), [61-937](#)

Source Name: Town Well (WS002)

Source Id: 10520002

PLS Location: N 551 ft W 857 ft from SE cor Sec 30 T34S R5W SL

Source Type: Well

Source Status: Active

Primary Use: Water Supplier

Diversion Type: Withdrawal

Saline Water: N

Well ID Number:

Water Right Number: [61-1023](#), [61-937](#), [61-920](#)

Source Name: Well #2 (WS008)
Source Id: 108545004
PLS Location: N 1270 ft E 325 ft from S4 cor Sec 30 T34S R5W SL
Source Type: Well
Source Status: Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: [61-1023](#), [a42915](#)

Panguitch City also owns 390.40 shares of West Panguitch Irrigation water for secondary use, and some of this water could be converted into culinary water in the future if necessary.

Source Summary (Displayed in Acre Feet)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2022	0.00	0.00	0.00	0.00	84.35	185.00	178.15	175.30	80.90	0.00	0.00	0.00	703.70	Calculated
2021	0.00	0.00	0.00	0.00	87.35	189.25	183.15	183.15	87.35	0.00	0.00	0.00	730.25	Calculated
2020	0.00	0.00	0.00	0.00	96.74	207.30	214.21	214.21	96.74	0.00	0.00	0.00	829.20	Calculated
2019	0.00	0.00	0.00	0.00	48.58	208.20	215.14	215.14	48.58	0.00	0.00	0.00	735.64	Calculated
2018	0.00	0.00	0.00	0.00	0.00	228.00	228.00	231.00	0.00	0.00	0.00	0.00	687.00	Calculated
2017	0.00	0.00	0.00	0.00	0.00	219.19	219.19	219.19	0.00	0.00	0.00	0.00	657.58	Calculated

CURRENT AND FUTURE WATER USE

Culinary Water System

According to Panguitch City 2023 data, the existing number of culinary connections is 915. Panguitch City supplies culinary water to the city office, city park and city baseball complex. Panguitch City has a detailed Management Plan, Source Protection Plan, and Emergency Culinary Water Plan on file.

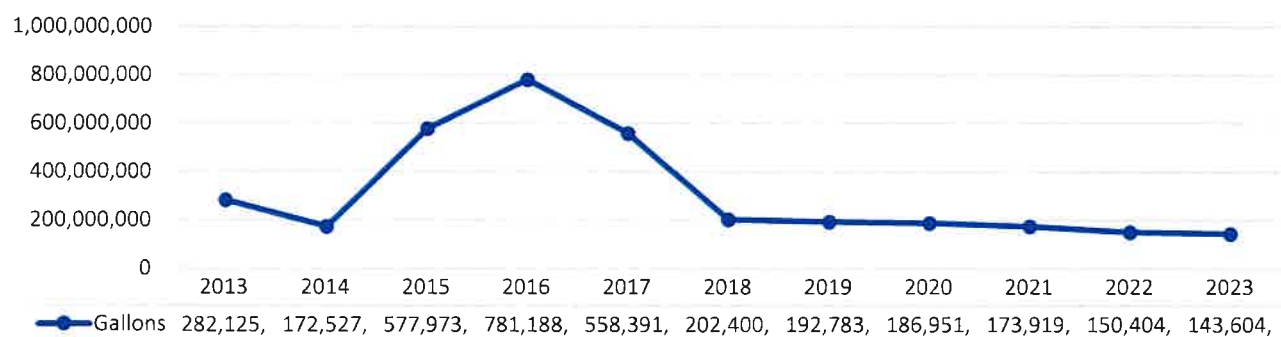
Culinary Connections (as of Dec 2023)

Residential	Commercial	City	C/S/M	Government	Industrial	Total Connections
787	75	1	21	17	14	915

The graph below indicates the amount of culinary water gallons used and metered, as you can see there was a large up swing in water use from 2015 through 2017. This was due to the fact that secondary water was used for only 3 months instead of the normal 5 months due to drought.

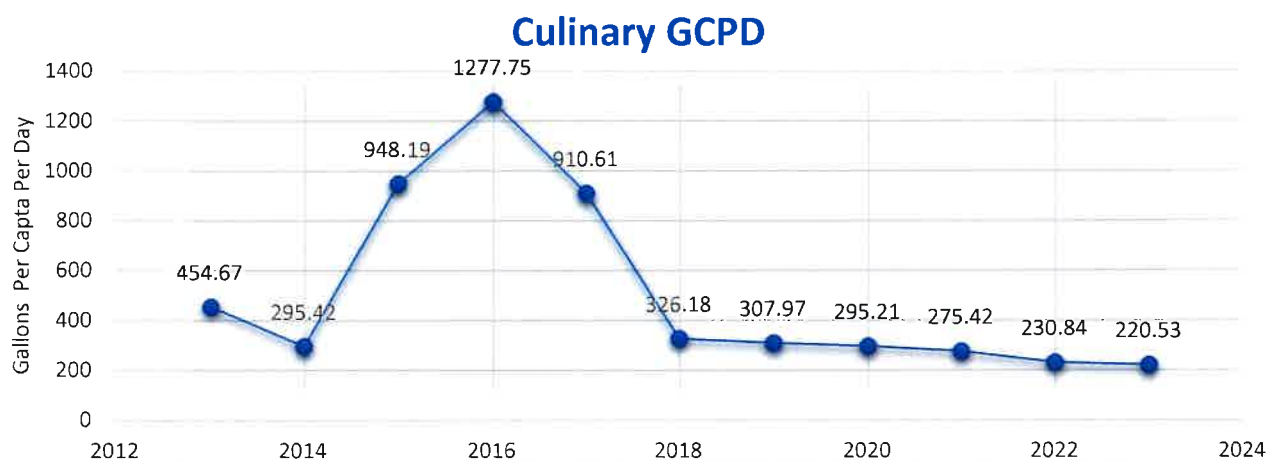
In the summer of 2017, the area was impacted by the Brian Head Fire which caused excess debris and problems with the secondary water supply, which led to the use of more culinary water for irrigation purposes.

Culinary Gallons Used Per Year



Per Capita Water Use

The graph below shows the calculated gallons per capita per day (GPCD) of culinary water for Panguitch. As you can see there has been a steady decline in water use since the spring rehabilitation that took place in 2018 due to damage to the springs from the Brian Head Fire.



System Water Loss

During the winter months, the city water tanks will fill, and excess chlorinated overflow water is sent downstream at about 200 gallons per minute which equals 288,000 gallons per day. Panguitch City is exploring options to install another 500,000 gallon water tank to help capture some of this overflow for storage.

Potential reasons for system water loss may vary, including leaks from various infrastructure pipes, valves, hydrants, etc. When water loss is detected, the city takes appropriate actions to correct the problems.

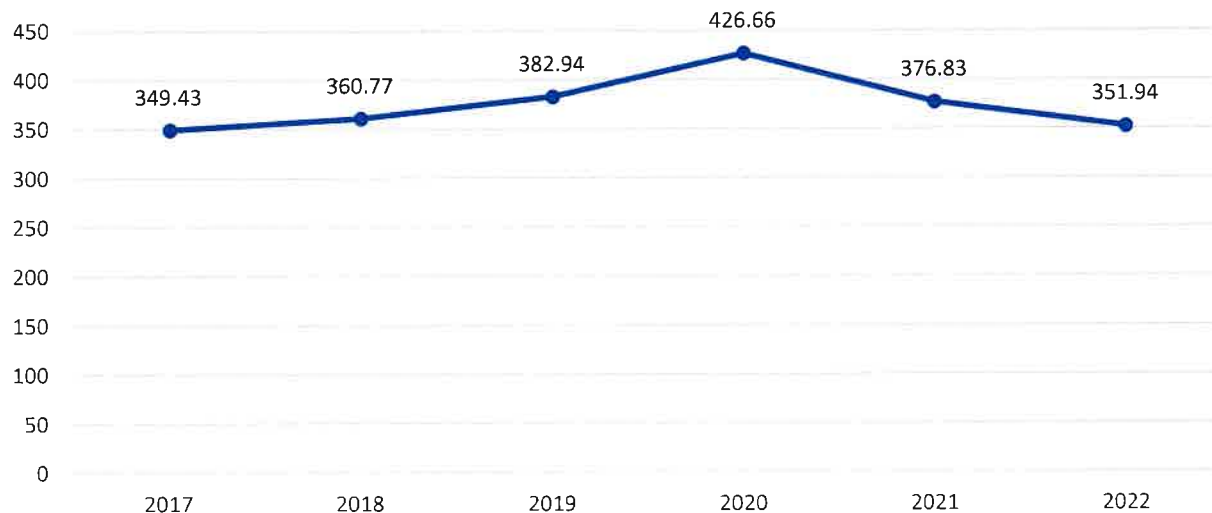
Secondary Irrigation Water

Panguitch City owns 390.40 shares of West Panguitch Irrigation Water, which is a vital part of our water supply in the summer months. The watering schedule for Panguitch residents usually consists of odd and even water days depending on your street address with the fields located in city limits alternating between Saturday and Sunday. This schedule changes during drought years, the city is divided into quadrants with each receiving one water day each week.

Secondary Irrigation Water Received from West Panguitch Irrigation

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet
2022	0	0	0	0	84.35	185	178.15	175.3	80.9	0	0	0	703.7
2021	0	0	0	0	87.35	189.25	183.15	183.15	87.35	0	0	0	730.25
2020	0	0	0	0	96.74	207.3	214.21	214.21	96.74	0	0	0	829.2
2019	0	0	0	0	48.58	208.2	215.14	215.14	48.58	0	0	0	735.64
2018	0	0	0	0	0	228	228	231	0	0	0	0	687
2017	0	0	0	0	0	219.19	219.19	219.19	0	0	0	0	657.58

Secondary Irrigation GPCD





CULINARY WATER RATE SCHEDULE

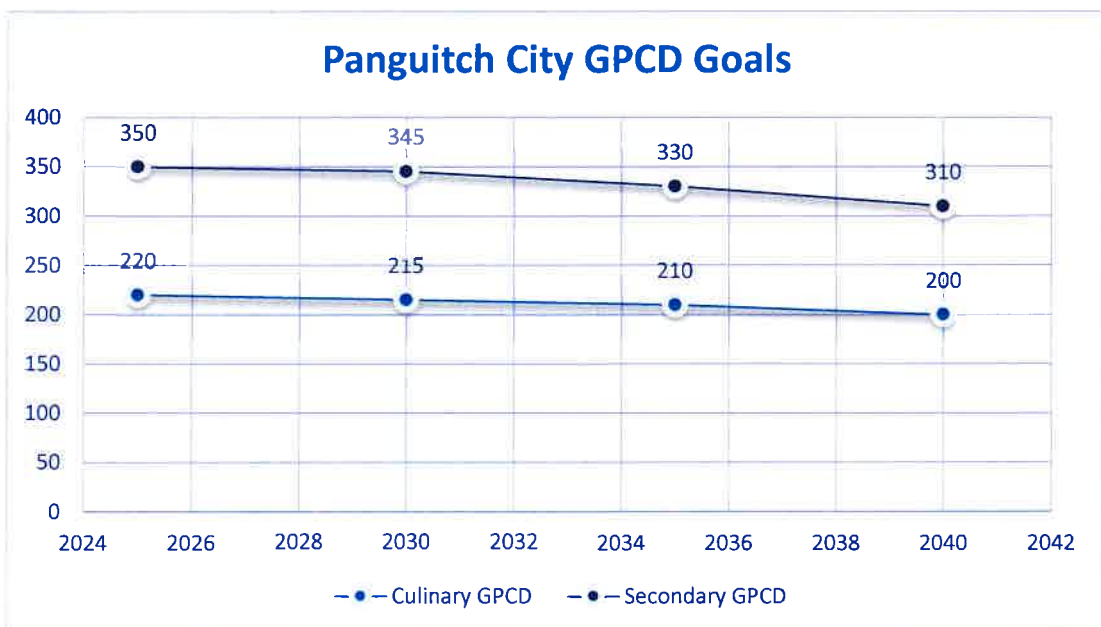
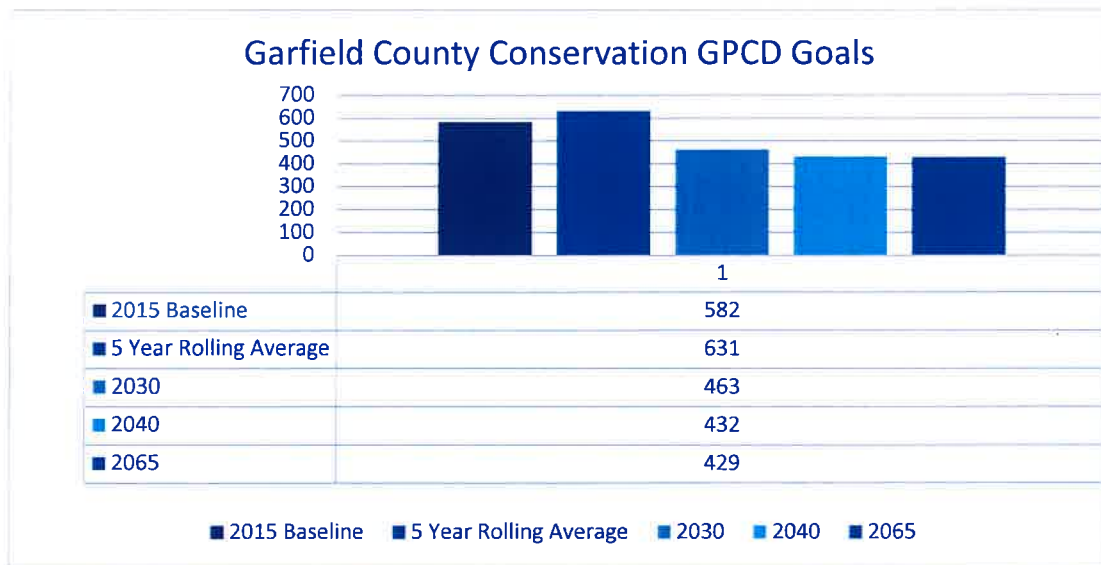
Designing an appropriate rate schedule is a complex task. Rate design is a process of matching the costs of operating the water system to the unique economic, political, and social environments in which the city provides its service.

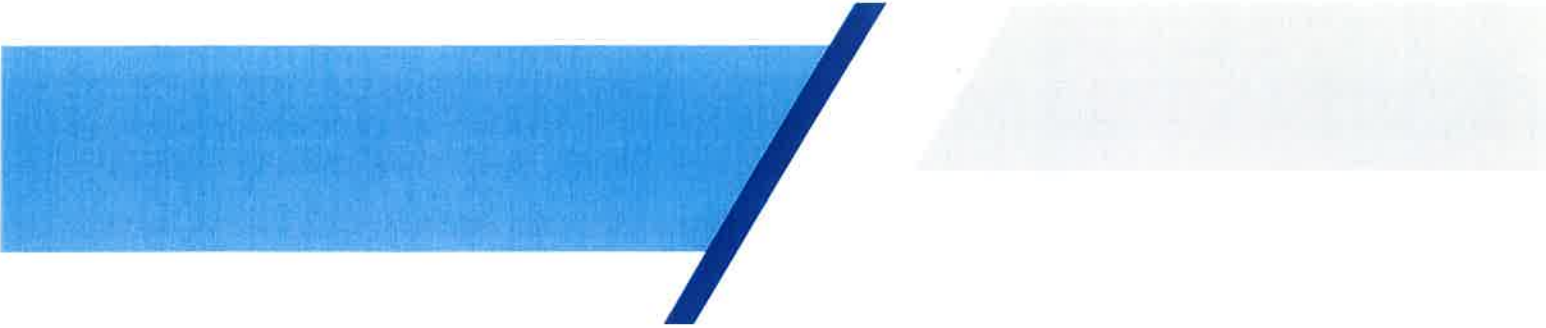
The cost of delivering the service must be evaluated and understood. Each water system has unique assets and constraints. Based on the characteristics of the system, and past capital and operating costs, revenue requirements can be estimated. The rate schedule shown below has been introduced to help promote conservation by increasing the cost of all water over 12,000 gallons. Panguitch City has implemented an annual increase of 2% each year.

Montly Rate Per Meter	
Residential	\$31.40
Commercial	\$31.40
Overage Rate	
12,001+	\$1.00/1000 gal

CONSERVATION GOALS

The following charts consist of conservation goals for Garfield County as well as Panguitch City. Panguitch City will adopt conservation practices to stay consistent with Garfield County water conservation goals.





CONSERVATION PRACTICES

Panguitch City, like many other areas in the state, faces water scarcity challenges due to its arid climate. Implementing water conservation practices is crucial to ensure the sustainable use of water resources. Here are some specific water conservation measures that can be applied in Panguitch:

1. Xeriscaping:

- Encourage residents and businesses to use native and drought-resistant plants in landscaping.
- Provide information and resources on xeriscaping techniques to reduce outdoor water usage.

2. Smart Irrigation:

- Promote the use of drip irrigation systems and smart controllers to optimize outdoor watering.
- Educate the community on proper irrigation practices, including watering during early morning or late evening to minimize evaporation.

3. Rainwater Harvesting:

- Raise awareness about the benefits of rainwater harvesting.
- Provide information on how residents can install rain barrels or cisterns to collect rainwater for landscaping use.

4. Leak Detection and Repair:

- Conduct outreach programs to educate residents on the importance of checking for and promptly repairing leaks in homes and irrigation systems.
- Offer resources or workshops on leak detection and repair.

5. Water-Efficient Appliances:

- Encourage residents to upgrade to water-efficient appliances, including low-flow toilets, showerheads, and faucets.
- Collaborate with local businesses to offer incentives or discounts for purchasing water-efficient appliances.

6. Community Education:

- 
- Organize workshops, seminars, or community events to educate residents about water conservation practices specific to Panguitch.
 - Distribute educational materials and resources through local schools, community centers, and online platforms.

7. Greywater Recycling:

- Provide information on the benefits of greywater recycling for non-potable purposes, such as landscape irrigation.
- Work with local authorities to ensure compliance with regulations related to greywater use.

8. Watering Restrictions:

- Implement and enforce watering restrictions based on local conditions and water availability.
- Clearly communicate watering schedules and restrictions to residents and businesses.

9. Local Government Initiatives:

- Implement water conservation programs and incentives at the municipal level.
- Consider implementing tiered water pricing to encourage responsible water use.

10. Drought Preparedness:

- Develop and communicate drought contingency plans to prepare for periods of water scarcity.
- Encourage residents to voluntarily reduce water usage during drought conditions.

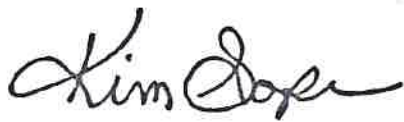
11. Community Partnerships:

- Collaborate with local businesses, organizations, and community groups to promote water conservation initiatives.
- Seek partnerships with local landscapers and nurseries to promote xeriscaping practices.

Implementing a combination of these measures, tailored to the specific needs of Panguitch, will contribute to a more sustainable and water-conscious community. Regular communication, education, and community engagement are key components of successful water conservation efforts.

Certification of Adoption

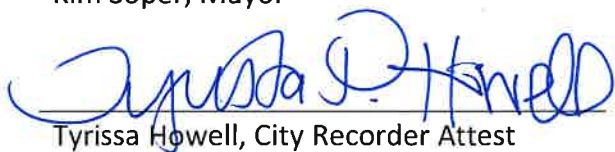
I, Kim Soper, the presiding officer, and Mayor of Panguitch City, hereby certify that the attached Water Conservation Plan has been established and adopted by our city council members.



Kim Soper, Mayor

5/28/25

Date



Tyrissa Howell, City Recorder Attest

5-28-2025

Date



PANGUITCH CITY COUNCIL MINUTES

PANGUITCH CITY OFFICE
CONFERENCE ROOM, 25 S 200 E
PANGUITCH, UTAH 84759
MAY 27, 2025, 5:30 PM

Those present at the City Council meeting were Mayor Kim Soper, City Manager Mat Houston, City Recorder Tyrissa Howell, City Treasurer Carla Farnsworth, City Attorney Barry Huntington, and Council Members Paul Dastrup, Tracy Wright, and Mike Sarles. Council Members Cindy Stewart and David Dodds were absent.

Others present were Jerry Smith, Harshad Desai, Ed Ryan, and Beth Ryan.

The meeting was called to order at 5:30 p.m.

OPENING CEREMONY

City Manager Mat Houston conducted the opening ceremony.

ADOPTION OF THE AGENDA

Mike Sarles moved, seconded by Paul Dastrup to adopt the agenda. The motion passed with all in favor.

APPROVAL OF THE MINUTES

Tracy Wright moved, seconded by Mike Sarles to approve the minutes. The motion passed with all in favor.

PUBLIC HEARING: COMPENSATION INCREASES FOR SPECIFIC CITY OFFICERS

Mayor Kim Soper opened the meeting for a public hearing. The mayor reviewed the compensation increases listed in the ordinance, which included Mat Houston for \$10,000, and Carla Farnsworth, Tyrissa Howell, David Owens, Kory Owens, Rick Miller, Lance Miller, and Karma Albrecht, each for \$6,240.

Harshad Desai stated that there is a law requiring each employee seeking a raise to come to the City Council and explain what they did better in the past year compared to the previous year. The City Council then decides whether the employee should receive an increase. He questioned who the city uses for a wage comparison. There should be records available for public review. He mentioned that Panguitch City employees are peons and just say yes, sir, when they should act as subordinates. He also noted that when the city hires, they advertise positions with low wages to attract locals and subsequently give significant raises, which he believes discourages outsiders from applying. He expressed concerns about the challenges in hiring local individuals.

City Attorney Barry Huntington clarified that there is no law mandating the process Mr. Desai referred to. Mayor Kim Soper explained that in Panguitch City, policy dictates that the mayor and city manager review compensation every three years. They examined 15 fifth-class cities with budgets similar to Panguitch and discovered that Panguitch City employees are underpaid. He affirmed that the employees are not peons but rather outstanding individuals, and the raise will help bring their salaries in line with current standards.

Ed Ryan stated that through his work with Panguitch City, he has found them to be efficient. Council Member Tracy Wright mentioned that the City Manager position was opened to applicants from all over the state, resulting in numerous applications. She praised Mat Houston for being excellent to work with and noted that he has performed well in his role. She expressed that all employees go above and beyond, and she would love to offer them larger increases.

Council Member Mike Sarles emphasized that Panguitch City has great employees and that competitive wages are essential to retain them. Council Member Paul

Dastrup remarked that many qualified individuals were interviewed for the City Manager role, and the right person was chosen for the job. He reiterated that the employees are not peons.

Mayor Kim Soper stated that working with Mat Houston has been a positive experience. He remarked that Panguitch City's employees are exceptional in their roles, and they deserve a more substantial increase.

Mayor Kim Soper closed the public hearing at 5:47 PM.

ORDINANCE 2025-2 COMPENSATION INCREASES FOR SPECIFIC CITY OFFICERS

Tracy Wright moved, seconded by Paul Dastrup, to approve Ordinance 2025-2 Compensation increases for Specific City Officers. The motion passed with all in favor.

PUBLIC HEARING 2025-2026 BUDGET

Mayor Kim Soper opened the meeting for a Public Hearing at 5:50 PM.

Harshad Desai stated that in 2023, the city's budget was \$1.9 million, while in 2024, it was \$4.1 million. He then asked what the public gets from this. Mr. Desai mentioned that Panguitch City receives funds for all the roads in Panguitch, but only chip seals a fourth of the town. So, where does the rest of the money go? He noted that the water fund is always in the plus, and three times the city has transferred money to the general fund three times. He believes the city should return that surplus to the public. Mr. Desai also pointed out that the budget allocates \$118,000 for economic development, yet Panguitch remains the same as it was 20 years ago. He then stated that there is 2.4 million budgeted for the airport, and asked if Panguitch even needs an airport and who is using it now that there is a helipad at the hospital.

Mayor Kim Soper responded that Panguitch City undergoes annual audits and meets state requirements. Additionally, the state mandates that cities maintain a surplus. The Mayor further explained that it's not possible to compare budgets

year to year due to rising costs and changing projects. He emphasized that money received for roads must be used for that purpose.

City Manager Mat Houston noted that it takes 10 years to chip seal all of Panguitch with the funds received.

Council Member Mike Sarles mentioned that the FAA contributed \$2 million toward the airport, indicating that they must see a need for it. He highlighted that the airport is still utilized for LifeFlight services. Mike added that he has lived in many places, and Panguitch has good people and is a great place to be.

City Treasurer Carla Farnsworth stated that 2012 was the only instance in which a transfer occurred from the water and sewer fund to the general fund, which was allocated for the heating and air system in the city office.

City Council member Paul Dastrup remarked that the budget is limited, and they do the best they can with it.

Mayor Kim Soper closed the Public Hearing at 6:04 PM.

2025-2026 BUDGET

Paul Dastrup moved, seconded by Mike Sarles, to adopt the 2025-2026 Budget. The motion passed with all in favor.

CULINARY WATER MANAGEMENT PLAN

Paul Dastrup moved, seconded by Tracy Wright, to approve the culinary water management plan. The motion passed with all in favor.

Jerry Smith addressed the council regarding safety. He believes there should be a crosswalk on Main Street at 400 North to give pedestrians a way to access Napa, Family Dollar, and Silver Eagle.

DEPARTMENT REPORTS

ADUs – The Accessory Dwelling Unit Ordinance will go to Planning and Zoning for a Public Hearing on June 2nd.

Summer food program – The summer program was approved for 9 weeks and will start on Wednesday, June 4th, during story time.

Social Hall Security – Another bid was received for the Social Hall Security.

Fire Department Compressor – The fire department's compressor isn't working properly. Three bids have been received, ranging from \$62,000 to \$92,000. It was suggested that the fire department might consider applying for a grant to help offset the cost of replacing the compressor.

Mainstreet Permanent Lighting – Installation of the Mainstreet lighting will begin on June 7th.

Bike Path – The bike path is beginning to crack. The council discussed ways to repair the path.

Road edges – The edges of the road are deteriorating. There was discussion on placing milling on the edges to attempt to stop the deterioration.

National Day of Service – The National Day of Service committee will be looking for projects to complete this September.

Joanne Miller Week – The City Council and City Employees cleaned gutters and drains on Main and Center during the city-wide cleanup.

Crime – City Attorney Barry Huntington stated that \$20,000 in tickets were written in April. He feels crime is up.

Springs – The Mayor, City Manager, inmates, and city personnel will be holding a field day on June 5th to repair the fence at the springs.

ADJOURNMENT

Tracy Wright moved to adjourn the meeting at 6:34 PM.

Kim Soper, Mayor

Tyrissa Howell, City Recorder

Support

PUBLIC NOTICE WEBSITE
DIVISION OF ARCHIVES AND RECORDS SERVICE

Panguitch City Council Agenda, May 27, 2025

General Information

Government Type:

Municipality

Entity:

Panguitch

Public Body:

Panguitch City Council

Give Feedback

Notice Information

[Add Notice to Calendar](#)

Notice Title:

Panguitch City Council Agenda, May 27, 2025

Notice Type(s):

Meeting

Event Start Date & Time:

May 27, 2025 05:00 PM

Description/Agenda:

PANGUITCH CITY COUNCIL
AGENDA
PANGUITCH CITY OFFICE
COUNCIL ROOM
25 SOUTH 200 EAST
PANGUITCH, UTAH 84759
MAY 27, 2025, 5:30 PM

OPENING CEREMONY
ADOPTION OF THE AGENDA
APPROVAL OF MINUTES
PUBLIC HEARING - COMPENSATION INCREASES FOR SPECIFIC CITY OFFICERS
ORDINANCE 2025-2 COMPENSATION INCREASES FOR SPECIFIC CITY OFFICERS
PUBLIC HEARING - 2025-2026 BUDGET
CULINARY WATER CONSERVATION MANAGEMENT PLAN
EXECUTIVE SESSION
DEPARTMENT REPORTS/CALENDAR
ADJOURNMENT

ZOOM MEETING LINK:

<https://us06web.zoom.us/j/89873979301?pwd=VDhraEFVUDY1RHJJZ0t2RTErRWxPZz09>

MEETING ID: 898 7397 9301

Passcode: panguitch

REASONABLE ACCOMMODATION: The City of Panguitch will make efforts to provide reasonable accommodations to disabled members of the public in accessing City programs. Please contact Mat Houston at the Panguitch City office at least 24 hours in advance if you have special needs.

Anyone who wishes to offer a prayer or thought in the opening ceremony at City Council is welcome to do so by calling

City Manager Mat Houston at 435-676-8585 to schedule an appointment. Participation may be telephonic or electronic.

****Items may not be covered in the order listed. Panguitch City is an equal-opportunity employer.****

Give Feedback

Notice of Special Accommodations (ADA):

REASONABLE ACCOMMODATION: The City of Panguitch will make efforts to provide reasonable accommodations to disabled members of the public in accessing City programs. Please contact Mat Hoiuston Panguitch City office at least 24 hours in advance if you have special needs. Anyone who wishes to offer a prayer or thought in the opening ceremony at City Council is welcome to do so by calling City Manager Mat Houston at 435-676-8585 to schedule an appointment. **Items may not be covered in the order listed. Panguitch City is an equal opportunity employer.**

Notice of Electronic or Telephone Participation:

NA

Meeting Information

Meeting Location:

25 S 200 E
Panguitch, UT 84759

Show in Apple Maps

Show in Google Maps

Give Feedback

Contact Name:

Tyrissa Howell

Contact Email:

tyrissa.howell@panguitch.com

Contact Phone:

(435)676-8585

Notice Posting Details

Notice Posted On:

May 22, 2025 04:15 PM

Notice Last Edited On: