

ORDINANCE NO. 2021-01-01

AN ORDINANCE AMENDING TITLE 7, CHAPTER 12, OF THE PAROWAN CITY MUNICIPAL CODE (PCMC), WATER MANAGEMENT AND CONSERVATION PLAN

WHEREAS, Parowan City operates a culinary water system; and

WHEREAS, the Parowan City Council recognizes the natural arid climate of Southern Utah; and

WHEREAS, the Parowan City Council and the State of Utah has deemed it necessary, through administrative regulations, ordinances and rates that each governmental entity should encourage the conservation of water as a limited natural resource; and

WHEREAS, the Parowan City Council desires to encourage the general public to use water in an efficient manner to permit future sustained growth of the community; and

WHEREAS, the State of Utah requires that the Water Management and Conservation Plan be updated every 5 years, UCA§ 73-10-32 (2)(a)(ii).

NOW, THEREFORE, IT IS HEREBY ORDAINED by the City Council of Parowan, Iron County, State of Utah, that Title 7, Chapter 12, *et. seq.* of the Parowan City Municipal Code, is hereby amended in total to read as follows:

7.12 WATER MANAGEMENT AND CONSERVATION PLAN

- A. Background Information:** Parowan is located along Interstate 15, 18 miles northeast of Cedar city in sections 11-15, 22-24 in Township 34 South, Range 9 West, Salt Lake Base and Meridian. The area of the city served covers approximately 6 square miles.

Parowan, the seat of Iron County, was the first incorporated city in Iron County in 1851. A fort having been constructed on the east side of Center Creek the previous year was an initial basis for development of ironworks in the region. Parowan served as the agricultural support base for the local iron industry, whose blast furnace was located in nearby Cedar City. Despite occasional successes, the mission failed to produce a consistent and sustained supply of pig iron. By 1858, most of the area's mining operations had ceased due to disappointing yields. Today, the area's chief industries are recreation and tourism. The population was 2790 at the 2010 Census.

- B. Existing Resources:** The water system has one chlorinated natural spring, two wells and two concrete reservoirs, both of which are 1-million gallons in size. The tanks, wells and sources are located in Parowan Canyon, south-southeast of the community. The elevation is approximately 6,000 feet above sea level.

C. Current System Capabilities/DDW System Requirements:

Existing Number of Equivalent Residential Connections (ERC): 2082

	Well & Spring Capacity	Water Rights	Storage Capacity
Existing Infrastructure			
Main Canyon Well	1200 GPM		
300 East Well	700 GPM		
Race Track Well	500 GPM		
Main Canyon Spring	100 GPM		
Total	2500GPM	1255.228 Acre-Feet	2,000,000 Gallons
DDW Requirements for the number ERC – indoor and	744 GPM	772 acre-feet	700,000
Existing Deficiency	Not Deficient	Not Deficient	Not Deficient

D. Current Water Rights: The City holds the rights to 1255.228 acre-feet of underground water, as designated by the Division of Water Rights, group number 75-109 (a35952).

E. Current Water Use and Determination of Future Requirements - Water Management Issues and Goals:

1. Number of Connections by Category:

- Residential: 1411
- Commercial: 79
- Industrial: 5
- Institutional: 53
- **Total = 1548**

2. Current Water Use:

- a. Culinary water usage for the calendar year of 2019 was 155 Million gallons or just over 475 acre feet. Based upon the current population estimate of 3100, this calculates to be 137 gallons per capita per day. Using monthly supply data to compare usage winter vs summer, culinary water used for irrigation, above what is used through the pressurized irrigation system, accounts for an average of 7.7 million gallons per month May – October. This is partly due to the fact that some customers do not have connections to the PI system.

- b. Parowan City has a pressurized irrigation system throughout much of the town. At the present time, the city supplies water to approximately 1548 culinary water users and 1138 pressurized irrigation connections. The pressurized irrigation system is currently operating above design capacity, so currently there are not new connections available.
- c. Estimated gallons per capita per day (GPCD), combined culinary and irrigation
 $136 + 321 = 458 \text{ GPCD}$.

3. Summary of Water Data 2019

Total from all Sources of Water:	154,729,000 (475 AF)
Total Billed for:	144,007,000 (441 AF)
Water System Loss:	10,722,000 (33 AF)
	6.96%

F. Projected Future Population Growth:

Year	Population	Year	Population
2019	3018	2038	3471
2020	3045	2039	3501
2021	3071	2040	3532
2022	3098	2041	3563
2023	3125	2042	3594
2024	3153	2043	3626
2025	3181	2044	3658
2026	3208	2045	3690
2027	3237	2046	3722
2028	3265	2047	3755
2029	3294	2048	3788
2030	3322	2049	3821
2031	3265	2050	3854
2032	3294	2051	3887
2033	3322	2052	3920
2034	3352	2053	3953
2035	3381	2054	3986
2036	3411	2055	4019
2037	3441	2056	4052

G. Current Water Rate Schedule:

Meter Size	Base Rate:	Water Amount:
3/4 inch	\$32.26	0 – 5000 gallons
1 inch	\$36.79	0 – 5000 gallons
1-1/2 inch	\$44.98	0 – 5000 gallons
2 inch	\$53.32	0 – 5000 gallons
4 inch	\$86.35	0 – 5000 gallons
6 inch	\$118.35	0 – 5000 gallons
3/4 inch – out of city limits	\$64.52	0 – 5000 gallons
1 inch – out of city limits	\$73.59	0 – 5000 gallons

H. Rate Tiers over 5,000:

5,000 – 10,000 gallons	\$1.19 per thousand
10,001 to 15,000 gallons	\$1.78 per thousand
15,001 and over	\$2.45 per thousand

- I. Pressurized Irrigation System:** In the late 1980's, Parowan City had a pressurized irrigation system installed throughout the city. This system is in operation today, and meets the irrigation demand for most customers within the city limits. This water is obtained from flows from the Yankee Meadow Reservoir. Because of the nature of run-off into the reservoir and its drainage, suspended solids are often associated with the water, thus the irrigation water services are not currently metered. Irrigation water is billed at a flat monthly rate.

Pressurized Irrigation Water Connection Size:

¾ Inch	\$15.66 per month
1 Inch	\$17.27 per month
1 ¼ Inch	\$18.88 per month
1 ½ Inch	\$20.48 per month
2 Inch	\$22.09 per month
4 Inch	\$23.70 per month

J. Water Conservation Ordinances:

1. 7.06.180. *Limited Water Use.* During those times when the Committee and the City Council in its sole discretion, may find that a shortage exists, a strict limitation may be placed on the usage of irrigation water and excessive use shall be punishable in the same manner as prescribed in Section 15 hereof.
2. 7.06.190. *Scarcity of Water.* In times of scarcity of culinary or irrigation water, whenever it shall in the judgment of the Mayor, the City Council and the Committee

be deemed necessary, the mayor shall, by proclamation, limit the use of both culinary and irrigation water to such extent as may be necessary. It shall be unlawful for any person, his family, servants or agents to violate any proclamation made by the Mayor in pursuance of this part.

K. Water Management/Conservation Goals:

1. In an effort to extend the current water supply to meet the needs of a growing population, the city recognizes that efforts must be implemented to reduce consumption. By utilizing programs and practices that will:
 - a. Promote and support the implementation of more efficient residential irrigation practices. This would include the evaluation of individual customer watering schedules and amounts, along with water conservation education.
 - b. Provide information concerning alternate landscaping plants and themes that will provide customers with landscaping ideas, other than the now commonly used practice of installing turf grasses.
 - c. The city has a goal of reducing water consumption, particularly in the area of irrigation, by 15% over the next 10 years. Savings will be measured and evaluated, when calculating water usage for the yearly Water Users report.
2. Using ultrasonic equipment, all water services and fire hydrants will be checked yearly to determine if they are leaking. Repairs will be made as necessary.
3. In recent years all of the city's water meters have been changed over to new meters equipped with radio communication capabilities. Meters will be routinely tested and replaced if found inaccurate on a 15-20 year rotation. Meters that are found to have stopped working during regular billing cycles will be replaced as quickly as time allows.
4. Patterns of water main leakage will be tracked through a work order system audit. When justified, mains that have a track record of excessive leakage shall be retrofitted with joint clamps, or budgeted to be replaced as funds will allow.
5. Seasonal water conservation tips and current water irrigation requirements shall be included in the monthly billing as the City deems appropriate.
6. Currently the city does not employ anyone to serve as a Water Conservation Coordinator, however, if such a need shall arise over time, and in order to achieve any real measure of success toward reducing water consumption, a person may need to be employed in this capacity.
7. The city may offer its customers a free irrigation evaluation, upon their request, to determine the correct amount of water needed per individual acreage requirements and calculate the correct seasonal run times for irrigation stations.

8. In order to reduce water consumption & evaporation during the irrigation season, Parowan City does not allow outside watering between the hours of 10:00 am and 6:00 pm.

L. Water Management Issues:

1. Identification of Alternatives to Meet Future Water Needs:
 - a. Alternatives to traditional landscaping such as Xeriscaping, drought tolerate plants, etc.
 - b. In cooperation with other agencies, determine the same yield of the aquifer under the valley. Purchase water rights as they become available within the capacity limits of the aquifer.
 - c. Encourage or even require low consumption water fixtures within new construction and re-models.
 - d. With conservation in mind, evaluate water rates and usage patterns in a timely manner.
 - e. Explore the possibility of obtaining a permit to recharge the underground aquifer using the irrigation water flows during the winter months. This would require cooperation with various state agencies, including Division of Drinking Water and Division of Environmental Quality.
 - f. Investigate the possibility of meter installation on the pressurized irrigation system connections when the technology has improved to the point that meters are able to handle to suspended solids within the irrigation water.

M. Periodic Evaluation: Parowan City shall evaluate and identify problems and possible improvements to its conservation plan on a five-year schedule. Public hearings may be held if deemed helpful to the process.

N. City Officials:

1. Mayor: Preston B. Griffiths (2018-2021)
2. Town Council:
 - a. David M. Burton
 - b. Matthew Gale
 - c. James M. Harris

- d. James W. Shurtleff
- e. Patricia A. Vesely

BE IT FURTHER IT FURTHER ORDAINED that all ordinances and parts of ordinances in conflict therewith be hereby repealed.

BE IT FURTHER ORDAINED that this ordinance shall take effect immediately upon execution.

This ordinance amending Title 7, Chapter 12, of the PCMC is hereby passed and adopted by the Parowan City Council on the 28th day of January, 2021 and will take effect in accordance with the terms set forth herein.



 Preston B. Griffiths, Mayor

ATTEST:



 Callie Bassett, CMC
 Parowan City Recorder



<u>VOTING:</u>	<u>AYE</u>	<u>NAY</u>	<u>ABSTAIN</u>	<u>ABSENT</u>
David M. Burton	_____	_____	_____	_____✓
Matthew Gale	_____✓	_____	_____	_____
James M. Harris	_____✓	_____	_____	_____
James W. Shurtleff	_____✓	_____	_____	_____
Patricia A. Vesely	_____✓	_____	_____	_____





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Parowan: Parowan City Council

Entity: Parowan

Body: [Parowan City Council](#)

Subject: Business

Notice Title: Parowan City Council Meeting Agenda

Notice Type: Meeting

Event Start Date & Time: January 28, 2021 06:00 PM

Event End Date & Time: January 28, 2021 08:00 PM

Description/Agenda:

PAROWAN CITY COUNCIL MEETING AGENDA FOR JANUARY 28TH, 2021

Notice is hereby given that the Parowan City Council will hold its regularly scheduled meeting beginning at 6:00 p.m. on Thursday, January 28th, 2021. The Council will meet in the Parowan City Council Chambers located at 35 East 100 North, Parowan, Utah. Social distancing practices will be in place. The public is welcome to view the meeting electronically on the 'Parowan City Live Stream' YouTube channel.

Welcome and Call to Order: Mayor Preston Griffiths

Opening Ceremonies: By Invitation

Declaration of Conflicts with or Personal Interest in any Agenda Items: Councilmembers

Public Comments (Two Minutes Each):

PUBLIC HEARING TO HEAR COMMENT REGARDING ADOPTION OF THE 2020 WATER CONSERVATION PLAN

CONSENT MEETING

1. Approval of Minutes from January 14th, 2020 City Council Meeting
2. Approval of Warrant Register/Purchase Orders

ACTION MEETING

3. Approval of 2020 Water Conservation Plan - Ordinance No. 2021-01-01
4. General Plan - Rural Community Consultants
5. Discontinuation of Salaried Employees Vacation Accrual
6. Grant Application for Rock Church FY22

WORK MEETING

7. Council/Mayor/City Manager/Staff Reports
8. CLOSED SESSION TO DISCUSS one or more of the following: the character, professional competence or physical or mental health of an individual; collective bargaining; pending or

Meeting Location:

35 E 100 N
PO Box 576 Parowan UT, 84761

[Map this!](#)

Contact Information:

Callie Bassett
callie@parowan.org (435)477-3331

Download Attachments:

[210128_1647.mp3](#) Audio Recording
Added: 2021/01/29 08:38 AM

[adjourn210128_1739.mp3](#) Audio Recording
Added: 2021/01/29 08:38 AM

[Approved Council Minutes 1-28-2021.pdf](#) Meeting Minutes
Added: 2021/02/12 09:45 AM

[council_packet_1-28-2021.pdf](#) Public Information Handout
Added: 2021/01/28 03:01 PM

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reasonably imminent litigation; the purchase, exchange, or lease of real property; the sale of real property, including any form of water rights or water shares; deployment of security personnel, devices or systems; investigative proceedings regarding allegations of criminal misconduct.

ACTION MEETING

- 9. Any Action Necessary As a Result of the Closed Session
- 10. Adjournment

CERTIFICATE OF POSTING

The undersigned, duly appointed City Recorder, does hereby certify that the above notice and agenda was posted this 27th day of January, 2021. A copy of the foregoing notice and agenda was emailed to The Spectrum, posted at the Parowan City Hall and Parowan City Library, posted on the Parowan City website at www.parowan.org, and posted on the Utah Public Notice website at <http://pmn.utah.gov>.

CALLIE BASSETT, CMC
PAROWAN CITY RECORDER
POSTED: 1/27/2021

Notice of Special Accommodations:

Notice: Persons with disabilities needing assistance to participate in this meeting should contact the City Recorder at (435) 477-3331 no later than 24 hours prior to the meeting.

Notice of Electronic or telephone participation:

NA

Other Information

This notice was posted on: January 27, 2021 12:38 PM
This notice was last edited on: January 27, 2021 12:38 PM

Board/Committee Contacts

Member	Email	Phone
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Parowan City Council Meeting
January 28, 2021
6:00 p.m. – Parowan City Council Chambers

Present: Mayor Griffiths
Councilmember Matthew Gale
Councilmember James M. Harris
Councilmember James W. Shurtleff
Councilmember Patricia A. Vesely

Absent: Councilmember David Burton (excused)

City Staff Present: Cleve Matheson, City Manager; Judy Schiers, City Treasurer; Stacy Gale, Deputy Treasurer; Heather Shurtleff, Deputy Recorder; Jeremy Franklin, Power Superintendent; Justin Wayment, City Attorney; Chief Mike Berg, Parowan PD; Callie Bassett, City Recorder.

Public Present: Sam Halterman, Mary Hanley, Jeff Hale

Call to Order: Mayor Griffiths called the meeting to order at 6:00 p.m.

Prayer and Pledge: Mr. Jeff Hale offered the invocation. He then led the council and the public in the pledge of allegiance.

Declaration of Conflicts: No conflicts were declared.

Public Comments: No Public Comments

Public Hearing to Hear Comment Regarding Adoption of the 2020 Water Conservation Plan

MOTION: Councilmember Gale moved to open the public hearing to hear comment regarding adoption of the 2020 Water Conservation Plan.

SECOND: Councilmember Shurtleff seconded the motion.

VOTE: A Roll Call Vote was taken as follows:

	AYE	NAY
Councilmember Vesely	X	
Councilmember Harris	X	
Councilmember Gale	X	
Councilmember Shurtleff	X	

The voting was unanimous in favor of the motion. The motion carried.

There were no comments from the public regarding the water conservation plan.

MOTION: Councilmember Shurtleff moved to close the public hearing to hear comment regarding the adoption of the 2020 Water Conservation Plan.

SECOND: Councilmember Vesely seconded the motion.

VOTE: A Roll Call Vote was taken as follows:

	AYE	NAY
Councilmember Vesely	X	
Councilmember Harris	X	
Councilmember Gale	X	
Councilmember Shurtleff	X	

The voting was unanimous in favor of the motion. The motion carried.

CONSENT MEETING:

- 1. Approval of Minutes from the January 14th, 2021 City Council Meeting**
- 2. Approval of Warrant Register/Purchase Orders**

MOTION: Councilmember Vesely moved to approve consent agenda items 1 and 2.

SECOND: Councilmember Shurtleff seconded the motion.

DISCUSSION: Mrs. Bassett notified the Council that there was an error on the draft minutes sent out to the council. Councilmember Shurtleff was inadvertently left off as present at the meeting. That error was corrected.

VOTE: All councilmembers voted in favor of the motion. The motion carried.

ACTION MEETING:

- 3. Approval of 2020 Water Conservation Plan, Ordinance No. 2021-01-01**

Mr. Wayment commented that he wanted to make it clear (because of all the trouble they are having up north) that Parowan does not supplement the pressurized irrigation system with well water. He said under Letter I of the plan, they will insert verbiage stating that Parowan does not supplement natural flow water with well water, meaning the City only uses what Mother Nature gives them.

MOTION: Councilmember Harris moved to approve the 2020 Water Conservation Plan, Ordinance 2021-01-01, with the addition to item I stating that Parowan does not supplement the natural flow water with underground resources.

SECOND: Councilmember Gale seconded the motion.

VOTE: A Roll Call Vote was taken as follows:

	AYE	NAY
Councilmember Vesely	X	
Councilmember Harris	X	
Councilmember Gale	X	
Councilmember Shurtleff	X	

The voting was unanimous in favor of the motion. The Ordinance 2021-01-01 was adopted.

Councilmember Shurtleff praised Mr. Stones, Mr. Matheson, and Mr. Wayment for the work done on the Conservation Plan.

4. General Plan – Rural Community Consultants

Mr. Matheson reported that the Planning Commission has recommended Option 1 of the General Plan Project Proposal from the Rural Community Consultants. This option would be a lump sum project where Rural Community Consultants provides a critical review of the work done to-date. Then, on a chapter-by-chapter basis, they would send recommendations to the Planning Commission for discussion as part of their monthly meetings. Mr. Matheson reminded the Council that this can be paid for with CARES Act money.

MOTION: Councilmember Shurtleff moved to accept the Rural Community Consultants Proposal, Option 1.

SECOND: Councilmember Harris seconded the motion.

VOTE: All Councilmember voted in favor of the motion. The motion carried.

5. Discontinuation of Salaried Employees Vacation Accrual

Mr. Matheson said that in most cases when an employee moves to a salaried position, they no longer accrue vacation hours. Instead, they are allowed to request up to 4 weeks of vacation time throughout the year. Making this change in policy would affect Mr. Matheson, Chief Berg, and Mr. Kelly Stones. The staff has discussed this, and are in support of making this change. These individuals would be paid out for vacation time accrued but not used, up to the maximum allowed.

MOTION: Councilmember Harris moved to discontinue salaried employees' vacation accrual.

SECOND: Councilmember Shurtleff seconded the motion.

VOTE: All Councilmember voted in favor of the motion. The motion carried.

6. Grant Application for Rock Church FY22

Mr. Matheson asked for permission from the city council to go after a 50/50 grant which is \$10,000 for the next fiscal year. The application is due Feb. 15th. They want to be able to budget for it. This money would go towards a professional inspection, look, and design for a rehabilitation of the Rock Church. Councilmember Harris said once the grant is obtained, a committee will move forward to obtain further funding for projects. There has to be a plan in before you can go for funding so you know the scope of the work that needs to be done.

MOTION: Councilmember Shurtleff moved to direct the City to apply for the grant for Fiscal Year 2022 for the Old Rock Church for the planning and inspection.

SECOND: Councilmember Vesely seconded the motion.

Councilmember Gale asked if they would be going forward as a 501(c). Councilmember Harris said they will be working under the Heritage Foundation which is a 501(c).

VOTE: All Councilmember voted in favor of the motion. The motion carried.

WORK MEETING

7. Council/Mayor/City Manager/Staff Reports –

Councilmember Vesely reported that the Theater Board chairman will be leaving on a mission, so they will be electing a new chairman at their next meeting.

There were no other reports from councilmembers this evening.

Mr. Wayment advised the council that the City needs \$300 to pay the public defender for the 5th district court. The council felt alright with this request.

8. Closed Session to discuss the purchase, exchange or lease of property or the sale of real property.

MOTION: Councilmember Vesely moved to go into Closed Session to discuss the purchase, exchange or lease of property or the sale of real property.

SECOND: Councilmember Gale seconded the motion.

VOTE: A Roll Call Vote was taken as follows:

	AYE	NAY
Councilmember Vesely	X	
Councilmember Harris	X	
Councilmember Gale	X	
Councilmember Shurtleff	X	

The voting was unanimous in favor of the motion. The moved into closed session at 6:20 p.m.

The Closed Session was held in the council chambers. Those present included Mayor Griffiths, Councilmembers Gale, Harris, Shurtleff, and Vesely, City Attorney Justin Wayment, City Manager Cleve Matheson, and City Recorder Callie Bassett.

The Council moved out of closed session at 6:49 p.m.

ACTION MEETING:

9. Any Action Necessary as a Result of the Closed Session: There was no action taken.

Cleve Matheson reported that the City got its first check from the fuel operation at the airport. Airport is finally making money. Moving in a positive direction.

10. Adjournment

MOTION: Councilmember Shurtleff moved to adjourn the meeting

SECOND: Councilmember Vesely seconded the motion.

VOTE: All Councilmembers voted in favor of the motion. The motion carried. The meeting adjourned at 6:52 p.m.



Preston B. Griffiths, Mayor



Callie Bassett, CMC, City Recorder

Date Approved: 2/11/2021



SPECIAL PAROWAN CITY CITY COUNCIL MEETING JANUARY 28TH, 2021

**For the purposes of COVID-19 Organizational Oversight,
Please Print Your Name and Contact Information (Phone# or Email Address)**

NAME:

CONTACT INFORMATION:

Julie Schiers

95.7

Jeremy Franklin

96.6

Mary Hamby

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Stacy Gale

Sam Halterman