

Municipal Water Management and Conservation Plan (WMCP) Five-Year Progress Report

Update on Implementation of Water Conservation Measures and Water Use

OAR 690-086-0120(4)

Date: 2/14/2025

Name of Water Supplier: Junction City Water Utilities

Name of Contact and Title: Gary Kaping Public Works Director

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Date through which the WMCP is in effect: 2038

Instructions: In the spaces below, please provide information to address each of the WMCP five-year progress report elements required under OAR 690-086-0120(4).

- Describe your progress made in implementing the five-year conservation benchmarks established in your approved WMCP** See OAR 690-086-0120(4)(a).

Progress Report for Conservation Benchmarks Listed in the WMCP

Conservation Measures Required of ALL water suppliers. OAR 690-086-0150(4)		
Conservation measure		Status / Progress Made
1.	Water Audit	This is included in this report
2.	Fully Metered System	All customers are metered, there are a few unmetered uses in the City, but they report those are very small
3.	Meter Testing & Replacement	Annually – Compound Meters Annually – Large customers 2 Years – Ultrasonic Meters As-Needed – Small customers

4.	Water Rate Structure	The structure encourages conservation by having both a base rate and a consumption rate
5.	Line and Leak Detection Program to Reduce Water Loss Below 10%	Every 3-5 years
6.	Public Education	The City distributes water conservation materials frequently to educate the public via fliers in bills and newsletter articles.
7.	Technical and Financial Assistance	The City has not had resources to address this at this time.
8.	Retrofit/Replacement of Inefficient Fixtures	The City has not had resources to address this at this time.
9.	Conservation Based Rate Structure	The structure encourages conservation by having both a base rate and a consumption rate
11.	Water Reuse	The City has not had resources to address this at this time.
12.	Other Measure(s) to Improve Water Use Efficiency	Please see the following 3 items below from the WMCP
13.	Outdoor watering education program	The City instituted a voluntary curtailment plan for outdoor watering. Fliers have been sent out with bills
14.	Demonstration Garden	The City has not had resources to address this at this time.
15.	Line Repair Replacement	Continued a systematic approach to replacing water lines
16.	Conservation Website	The City has completed this

Average Monthly and Average Daily Withdrawals by Water Right – Please include EACH water right. OAR 690-086-0120(4)(b): average monthly and average daily diversion under each water right held by the water supplier for the previous five years. Please copy and paste to add additional tables.

YEAR: 2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-5660	G-5487	46412	11/15/71	3 rd & Cedar Well	1.11	52.40	4.367	0.143	0.221
					0.59				

YEAR: 2023									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-5660	G-5487	46412	11/15/71	3 rd & Cedar Well	1.11	40.45	3.371	0.111	0.171
					0.59				

YEAR: 2022									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-5660	G-5487	46412	11/15/71	3 rd & Cedar Well	1.11	12.32	1.026	0.034	0.052
					0.59				

YEAR: 2021									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-5660	G-5487	46412	11/15/71	3 rd & Cedar Well	1.11	8.59	0.716	0.024	0.036
					0.59				

YEAR: 2020									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-5660	G-5487	46412	11/15/71	3 rd & Cedar Well	1.11	0.05	0.004	0.000	0.000
					0.59				

YEAR: 2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-4605	G-4329	93565/T12523	9/20/68	11 th & Elm	2.23	49.81	4.151	0.136	0.211
					1.58				

YEAR: 2023									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-4605	G-4329	93565/T12523	9/20/68	11 th & Elm	2.23	74.23	6.186	0.203	0.315
					1.58				

YEAR: 2022									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-4605	G-4329	93565/T12523	9/20/68	11 th & Elm	2.23	100.77	8.397	0.276	0.427
					1.58				

YEAR: 2021									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-4605	G-4329	93565/T12523	9/20/68	11 th & Elm	2.23	166.89	13.908	0.457	0.707
					1.58				

YEAR: 2020									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-4605	G-4329	93565/T12523	9/20/68	11 th & Elm	2.23	204.25	17.021	0.558	0.863
					1.58				

YEAR: 2020-2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-1678	G-1749	65071	2/15/61	8 th & Deal	0.92	0	0.00	0.000	0.000
					0.50				

YEAR: 2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-7090	G-6558	50293	8/27/75	Oaklea Middle School	0.78	32.44	2.704	0.089	0.137
					0.42				

YEAR: 2023									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-7090	G-6558	50293	8/27/75	Oaklea Middle School	0.78	29.45	2.454	0.081	0.125
					0.42				

YEAR: 2020-2022									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-7090	G-6558	50293	8/27/75	Oaklea Middle School	0.78	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
					0.42				

YEAR: 2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12759	G-12123		1/17/92	5 th & Maple	1.67	5.69	0.474	0.016	0.024
					0.90				

YEAR: 2023									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12759	G-12123		1/17/92	5 th & Maple	1.67	6.69	0.558	0.018	0.028
					0.90				

YEAR: 2022									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12759	G-12123		1/17/92	5 th & Maple	1.67	7.58	0.632	0.021	0.032
					0.90				

YEAR: 2021									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12759	G-12123		1/17/92	5 th & Maple	1.67	10.72	0.893	0.029	0.045
					0.90				

YEAR: 2020									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12759	G-12123		1/17/92	5 th & Maple	1.67	7.79	0.649	0.021	0.033
					0.90				

YEAR: 2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-13206	G-12057		12/4/92	13 th & Elm	2.23	164.86	13.738	0.450	0.697
					1.58				

YEAR: 2023									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-13206	G-12057		12/4/92	13 th & Elm	2.23	98.69	8.224	0.270	0.418
					1.58				

YEAR: 2022									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-13206	G-12057		12/4/92	13 th & Elm	2.23	59.54	4.962	0.163	0.252
					1.58				

YEAR: 2021									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-13206	G-12057		12/4/92	13 th & Elm	2.23	35.24	2.937	0.097	0.149
					1.58				

YEAR: 2020									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-13206	G-12057		12/4/92	13 th & Elm	2.23	11.08	0.924	0.030	0.047
					1.58				

YEAR: 2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12570	G-12121		6/13/91	8 th & Deal	2.23	31.73	2.644	0.087	0.134
					1.58				

YEAR: 2023									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12570	G-12121		6/13/91	8 th & Deal	2.23	36.76	3.063	0.101	0.156
					1.58				

YEAR: 2022									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12570	G-12121		6/13/91	8 th & Deal	2.23	26.21	2.184	0.072	0.111
					1.58				

YEAR: 2021									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12570	G-12121	Click here to enter text.	6/13/91	8 th & Deal	2.23	25.88	2.157	0.071	0.110
					1.58				

YEAR: 2020									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
G-12570	G-12121	Click here to enter text.	6/13/91	8 th & Deal	2.23	46.80	3.900	0.128	0.198
					1.58				

YEAR: 2020-2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
GR-4122	Click here to enter text.	T12126	12/31/38	11 th & Elm	0.36	0.00	0.000	0.000	0.000
					0.19				

YEAR: 2020-2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
GR-4123	Click here to enter text.	T12125	12/31/40	11 th & Elm	0.36	0.00	0.000	0.000	0.000
					0.19				

YEAR: 2020-2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
GR-4124	Click here to enter text.	T12124	12/31/42	11 th & Elm	0.67	0.00	0.000	0.000	0.000
					0.36				

YEAR: 2020-2024									
App.No.	Permit No.	Certificate No.	Priority Date	Source	Authorized Rate CFS MGD	Annual Withdrawal (mg)	Avg Monthly Withdrawal (mg/month)	Avg Daily Withdrawal (mg/d)	Avg Daily Withdrawal (cfs)
GR-4125	Click here to enter text.	Click here to enter text.	6/28/1909	3 rd & Cedar	0.78	0.00	0.000	0.000	0.000
					0.42				

OAR 690-086-0120(4)(c) A description of the results of the annual water audit required under OAR 690-086-0150(4)(a).

Water Loss Quantifications:

Table 4 – Water Loss Quantifications					
Year	Diverted	Metered Sold	Backwash/Flushing	Water Loss	Loss %
2024	363.50	279.97	27.33	56.20	15%
2023	320.04	239.32	9.33	71.39	22%
2022	315.45	226.57	13.83	75.05	24%
2021	360.90	243.64	13.83	103.44	29%
2020	329.87	229.39	54.38	73.14	22%
Annual Average	337.95	243.78	18.33	75.84	22%

Table in Million Gallons (MG)

We acknowledge these figures different from the information listed on the State's website. The City is looking into the cause of the potential discrepancy and will provide an update to this progress report if needed.

CITY Water Use Characteristics:

PLEASE NOTE – YOUR WMCP MIGHT HAVE DIFFERENT Sectors – PLEASE CONSULT YOUR PLAN.

OAR 690-086-0120(4)(d) A comparison of the water used in each sector as identified and described in OAR 690-086-0140(6) with the quantities of water used in each sector for the previous five years.

YEAR: 2024			
	Annual Usage	Average Daily Usage	% of Total
Residential	177.47	0.48	63%
Commercial	102.48	0.28	37%
Total	279.95	0.76	100%

Table in Million Gallons (MG)

YEAR: 2023			
	Annual Usage	Average Daily Usage	% of Total
Residential	149.45	0.41	62%
Commercial	89.85	0.25	38%
Total	239.30	0.66	100%

Table in Million Gallons (MG)

YEAR: 2022			
	Annual Usage	Average Daily Usage	% of Total
Residential	136.91	0.38	60%
Commercial	89.64	0.25	40%
Total	226.55	0.62	100%

Table in Million Gallons (MG)

YEAR: 2021			
	Annual Usage	Average Daily Usage	% of Total
Residential	159.68	0.44	66%
Commercial	83.94	0.23	34%
Total	243.62	0.67	100%

Table in Million Gallons (MG)

YEAR: 2020			
	Annual Usage	Average Daily Usage	% of Total
Residential	156.02	0.43	68%
Commercial	73.36	0.20	32%
Total	229.37	0.63	100%

Table in Million Gallons (MG)