**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:** **12/19/2024**

**Name of Water Supplier:** **City of Scappoose**

**Name of Contact and Title: Darryl Sykes Water Treatment Supervisor**

**Mailing Address: 33568 E Columbia Ave. Scappoose, OR 97056**

**E-Mail Address: dsykes@scappoose.gov**

**Date through which the WMCP is in effect: 1/17/2030**

**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).

**1. 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 | Since the beginning of 2019, the City has tracked water loss on a monthly basis. By doing this, fluctuations in loss can be immediately recognized for both positive and negative impacts. The City has seen a reduction in water loss by nearly 20% since this began. These reductions are credited to several factors. These include: improved treatment plant metering processes, new AMI ultrasonic customer meters with leak detection technology for both data and audible recognition, better communication with the local fire district of water use, new land use requirements for metering of private fire systems and deploying owned listening devices for system evaluation. |
| 2. | Fully Metered System | The City of Scappoose’s distribution system is fully metered for water production and domestic uses, but not fire use. The City has begun requiring metering on new fire systems with development, but will need to work toward retrofitting existing systems with meters as time and budget allow. |
| 3. | Meter Testing & Replacement | The City is in the process of replacing all meters with Kamstrup’s AMI meters with ultrasonic technology. To date, approximately 60% of meters within the City have been replaced.  |
| 4. | Water Rate Structure | Scappoose water fees are based on a combination of fixed and volume “commodity” structure. Based fees are determined by meter size with a residential ¾” service at $41.38 per month. Commodity rates are tiered as follows:0 – 2,000 $0.38 per 100 gallons2,001 – 5,000 $0.40 per 100 gallons5,001 – 7,500 $0.42 per 100 gallons7,501 – 10,000 $0.46 per 100 gallons10,001 or great $0.50 per 100 gallonsThe City also sells bulk water @ $0.50 per 100 gallons with an administrative fee of $51.25. This structure was updated in 2021 in an effort to reward those who are low use customers. In 2024, the City also decided to index both base fees and commodity at an annual rate of 2.5% of the ENR 20 city average based on whichever is greater. |
| 5. | Line and Leak Detection Program to Reduce Water Loss Below 10% | The City’s new Kamstrup meters have audible leak detection technology built in which notifies Public Works staff when a leak is detected. The City also deploys listening devices throughout the distribution system on a regular basis for additional leak detection. |
| 6. | Public Education | The City is a member of the Regional Water Providers Consortium. The Consortium provides leadership and education for drinking water providers, and the City regularly shares their educational materials on our social media pages. Additionally, educational materials are published in the City’s monthly newsletter, and educational flyers are available in the lobby of City Hall and distributed at City events.  |
| 7. | Technical and Financial Assistance | Citizens who are affected by water leaks can apply for a water leak rate adjustment.  |
| 8. | Retrofit/Replacement of Inefficient Fixtures | The City distributes low-flow showerheads, aerators, leak detection tables, rain gauges, and low-flow nozzles for garden hoses. |
| 9. | Conservation Based Rate Structure | Please see section #4 |
| 11. | Water Reuse | N/A |
| 12. | Other Measure(s) to Improve Water Use Efficiency | Frequent posting of water conservation measures to the public, irrigation improvements in City parks, use of high accuracy meters with leak detection and future deployment of customer portal app. This app will allow customers to monitor their own water use for conservation and leak detection purposes. |

**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.**

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|  |  | **YEAR:** 2020 Surface |
| **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)** |
|  S-8815 S-27859 | S-5813 S-25918 | 5573 42700 |  1/24/192311/24/1958 | **Gourley****Creek****Lazy Creek****South Fork Scappoose Creek** | 14 CFS | 50.87 | 4.24 | .14 | .22 |
| 9.05 MGD  |

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| --- | --- | --- |
|  |  | **YEAR:** 2021 Surface |
| **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)** |
|  S-8815 S-27859 | S-5813 S-25918 | 5573 42700 | 1/24/192311/24/1958 | **Gourley****Creek****Lazy Creek****South Fork Scappoose Creek** | 14 CFS | 46.54 | 3.88 | .13 | .20 |
| 9.05 MGD  |

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| --- | --- | --- |
|  |  | **YEAR:** 2022 Surface Water |
| **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)** |
|  S-8815 S-27859 | S-5813 S-25918 | 5573 42700 | 1/24/192311/24/1958 | **Gourley****Creek****Lazy Creek****South Fork Scappoose Creek** | 14 CFS | 28.53 | 2.38 | .08  | .12 |
| 9.05 MGD |

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|  |  | **YEAR:** 2023 Surface Water |
| **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)** |
|  S-8815 S-27859 | S-5813 S-25918 | 5573 42700 | 1/24/192311/24/1958 | **Gourley****Creek****Lazy Creek****South Fork Scappoose Creek** | 14 CFS | 90.44 | 7.54 | .25 | .38 |
| 9.05 MGD |

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|  |  | **YEAR: 2024 Surface Water** |
| **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)** |
|  S-8815 S-27859 | S-5813 S-25918 | 5573 42700 | 1/24/192311/24/1958 | **Gourley****Creek****Lazy Creek****South Fork Scappoose Creek** | 14 CFS | 117.41 | 9.78 | .32 | .50 |
| 9.05 MGD |

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|  |  | **YEAR: 2020 DC-1** |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 1 – DC-1 | 0.89 CFS.0.58 MGD | 248.38 | 20.70 | .68 | 1.05 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 1 – DC-1 | 0.5570.36 |

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|  |  | **YEAR: 2021 DC-1** |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 1 – DC-1 | 0.89 CFS.0.58 MGD | 51.23 | 4.27 | .14 | .22 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 1 – DC-1 | 0.5570.36 |

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| --- | --- | --- |
|  |  | **YEAR:** 2022 DC-1 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 1 – DC-1 | 0.89 CFS.0.58 MGD | 39.41 | 3.28 | .11 | .17 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 1 – DC-1 | 0.5570.36 |

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|  |  | **YEAR:** 2023 DC-1 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 1 – DC-1 | 0.89 CFS.0.58 MGD | 42.38 | 3.53 | .12 | .18 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 1 – DC-1 | 0.5570.36 |

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| --- | --- | --- |
|  |  | **YEAR:** 2024 DC-1 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 1 – DC-1 | 0.89 CFS.0.58 MGD | 29.61 | 2.47 | .08 | .13 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 1 – DC-1 | 0.5570.36 |

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|  |  | **YEAR:** 2021 DC-2 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 2 – DC-2 | 0.89 CFS.0.58 MGD | 79.91 | 6.66 | .22 | .34 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 2 – DC-2 | 0.5570.36 |

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|  |  | **YEAR:** 2022 DC-2 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 2 – DC-2 | 0.89 CFS.0.58 MGD | 76.95 | 6.41 | .21 | .33 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 2 – DC-2 | 0.5570.36 |

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|  |  | **YEAR:** 2023 DC-2 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 2 – DC-2 | 0.89 CFS.0.58 MGD | 65.67 | 5.47 | .18 | .28 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 2 – DC-2 | 0.5570.36 |

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|  |  | **YEAR:** 2024 DC-2 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 2 – DC-2 | 0.89 CFS.0.58 MGD | 25.21 | 2.10 | .07 | .11 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 2 – DC-2 | 0.5570.36 |

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|  |  | **YEAR:** 2024 DC-3 |
| **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-9218 | G-8615 | T-14318 | 4/30/1979 | POD 3 – DC-3 | 0.89 CFS.0.58 MGD | 42.99 | 3.58 | .12 | .18 |
| G-15135 | G-17643 | N/A | 3/10/2000 | POD 3 – DC-3 | 0.5570.36 |

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|  |  | **YEAR:** 2020 MR-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 12 – MR-1 | 2.07 CFS1.34 MGD | 24.11 | 2.01 | .07 | .10 |

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|  |  | **YEAR:** 2021 MR-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 12 – MR-1 | 2.07 CFS1.34 MGD | 61.48 | 5.12 | .17 | .26 |

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|  |  | **YEAR:** 2022 MR-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 12 – MR-1 | 2.07 CFS1.34 MGD | 72.30 | 6.02 | .20 | .31 |

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|  |  | **YEAR:** 2023 MR-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 12 – MR-1 | 2.07 CFS1.34 MGD | 62.85 | 5.24 | .17 | .27 |

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|  |  | **YEAR:** 2024 MR-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 12 – MR-1 | 2.07 CFS1.34 MGD | 49.98 | 4.16 | .14 | .21 |

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|  |  | **YEAR:** 2020 MR-2 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 13 – MR-2 | 2.07 CFS1.34 MGD | 46.10 | 3.84 | .13 | .20 |

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|  |  | **YEAR:** 2021 MR-2 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 13 – MR-2 | 2.07 CFS1.34 MGD | 50.62 | 4.22 | .14 | .21 |

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|  |  | **YEAR:** 2022 MR-2 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 13 – MR-2 | 2.07 CFS1.34 MGD | 37.42 | 3.12 | .10 | .16 |
|  |  | **YEAR:** 2023 MR-2 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 13 – MR-2 | 2.07 CFS1.34 MGD | 30.10 | 2.51 | .08 | .13 |

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|  |  | **YEAR:** 2024 MR-2 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 13 – MR-2 | 2.07 CFS1.34 MGD | 25.17 | 2.10 | .07 | .11 |

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|  |  | **YEAR:** 2020 MR-3 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 14 – MR-3 | 2.07 CFS1.34 MGD | 36.09 | 3.01 | .10 | .15 |

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|  |  | **YEAR:** 2021 MR-3 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 14 – MR-3 | 2.07 CFS1.34 MGD | 43.46 | 3.62 | .12 | .18 |
|  |  | **YEAR:** 2022 MR-3 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 14 – MR-3 | 2.07 CFS1.34 MGD | 25.35 | 2.11 | .07 | .11 |

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|  |  | **YEAR:** 2023 MR-3 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 14 – MR-3 | 2.07 CFS1.34 MGD | 20.45 | 1.70 | .06 | .09 |

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|  |  | **YEAR:** 2024 MR-3 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 14 – MR-3 | 2.07 CFS1.34 MGD | 21.04 | 1.75 | .06 | .09 |

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|  |  | **YEAR:** 2020 CZ-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 10 – CZ-1 | 2.07 CFS1.34 MGD | 0 | 0 | 0 | 0 |

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|  |  | **YEAR:** 2021 CZ-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 10 – CZ-1 | 2.07 CFS1.34 MGD | 17.46 | 1.46 | .05 | .07 |

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|  |  | **YEAR:** 2022 CZ-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 10 – CZ-1 | 2.07 CFS1.34 MGD | 47.47 | 3.96 | .13 | .20 |

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| --- | --- | --- |
|  |  | **YEAR:** 2023 CZ-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 10 – CZ-1 | 2.07 CFS1.34 MGD | 44.44 | 3.70 | .12 | .19 |

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| --- | --- | --- |
|  |  | **YEAR:** 2024 CZ-1 |
| **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-15792 | G-18845 | N/A | 7/5/2002 | POD 10 – CZ-1 | 2.07 CFS1.34 MGD | 35.51 | 2.96 | .10 | .15 |

**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** | **Billed Metered** | **Unbilled Authorized** | **Total Authorized** | **Water Loss** | **Loss %** |
| 2020 | 405.6 | 220.5 | 108.7 | 329.2 | 76.4  | 18.8 |
| 2021 | 350.7 | 232.8 | 60 | 292.8 | 57.9 | 16.5 |
| 2022 | 327.4 | 225.4 | 66.4 | 291.8 | 35.6 | 10.9 |
| 2023 | 356.3 | 237.1 | 87.3 | 324.4 | 31.9 | 9.0 |
| 2024 | 346.9 | 222.7 | 91.6 | 314.3 | 32.6 | 9.4 |
|  |   |
| **Annual Average** | 357.4 |  227.7 | 82.8 | 310.5 | 46.9 | 12.9 |

Table in Million Gallons (MG)

**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:** 2020 |
|  | **Annual Usage (MG)** | **Average Daily Usage (mgd)** | **% of Total** |
| **Service Meter** | 216.0  | .59 | 92.7 |
| **Hydrant / Bulk** | 4.4 | .012 | 2.0 |
| **City Usage** | 11.8 | .032 | 5.2 |
| **Fire** | .15 | .0004 | 0.1 |
| **Total** | 232.35 | .63 | 100 |
| Table in Million Gallons (MG) |

|  |
| --- |
| **YEAR:** 2021 |
|  | **Annual Usage** | **Average Daily Usage** | **% of Total** |
| **Service Meter** | 231.7 | .65 | 94.2 |
| **Hydrant / Bulk** | 1.0 | .003 | .4 |
| **City Usage** | 13.2 | .036 | 5.35 |
| **Fire** | .13 | .0004 | .05 |
| **Total** | 246.03 | .70 | 100 |
| Table in Million Gallons (MG) |

|  |
| --- |
| **YEAR:** 2022 |
|  | **Annual Usage** | **Average Daily Usage** | **% of Total** |
| **Service Meter** | 218.8 | .60 | 90.7 |
| **Hydrant / Bulk** | 6.6 | .018 | 2.7 |
| **City Usage** | 15.7 | .043 | 6.5 |
| **Fire** | .18 | .0005 | .1 |
| **Total** | 241.28 | .66 | 100 |
| Table in Million Gallons (MG) |

|  |
| --- |
| **YEAR:** 2023 |
|  | **Annual Usage** | **Average Daily Usage** | **% of Total** |
| **Service Meter** | 237.0 | .65 | 90.72 |
| **Hydrant / Bulk** | 0.1 | .0003 | .04 |
| **City Usage** | 23.7 | .065 | 9.1 |
| **Fire** | .37 | .001 | .14 |
| **Total** | 261.17 | .72 | 100 |
| Table in Million Gallons (MG) |

|  |
| --- |
| **YEAR:** 2024 |
|  | **Annual Usage** | **Average Daily Usage** | **% of Total** |
| **Service Meter** | 221.6 | .61 | 91.3 |
| **Hydrant / Bulk** | 1.0 | .003 | .41 |
| **City Usage** | 20.1 | .055 | 8.23 |
| **Fire** | .14 | .0004 | .06 |
| **Total** | 242.84 | .69 | 100 |
| Table in Million Gallons (MG) |

 Revised 12/17/24 /KHC