



PORT OF
WARDEN

**UTILITY &
INFRASTRUCTURE
INFORMATION**

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1 Telecommunications

Phone service is provided by 509Fiber, LocalTel, CenturyLink, IFIBER, and other service providers.

2 High Speed Internet

High speed internet services are provided via the Grant County PUD Fiber (fiber-optic) System through various service providers, including 509fiber, Advanced Stream, Basin Networking, and several more. A full list of providers can be found here: <https://www.grantpud.org/getfiber>.

3 Water and Sanitary Sewer Systems

Water and sanitary sewer service is provided by the City within the City limits.

3.1 WATER SYSTEM

Warden's water system consists of four wells, two reservoirs, a booster station, and approximately 22 miles of transmission and distribution piping.

3.2 WELLS

- Well 6 Production is 1,200 gallons per minute (GPM)
- Well 7 Production is 1,400 GPM
- Well 8 Production is 1,700 GPM
- Well 9 Production is 2,500 GPM
- Well 10 is a Future Well

3.3 STORAGE

The City has two reservoirs with a total capacity of 2.35 million gallons. Reservoir One, with 800,000 gallons of capacity, is located at Beck Way; Reservoir Two, with 1.5 million gallons of capacity, is located Claremont Way and 11th Street.

3.4 SANITARY SEWER SYSTEM

The City of Warden operates a Class A Water Reclamation Facility (WRF) that was completed in May 2009. The facility includes various treatment processes, such as influent lift station, fine screening, grit removal, an oxidation ditch, secondary clarifiers, chemical coagulation, cloth disk filtration, ultraviolet disinfection, and aerobic sludge holding.

It also features four groundwater recharge basins and a backup spray field for emergency disposal of reclaimed or partially treated wastewater. The facility primarily reuses reclaimed water for groundwater recharge and non-potable uses, such as landscape irrigation and equipment cleaning. It can discharge reclaimed or partially treated wastewater to the emergency spray field, if needed.

The WRF has a maximum production capacity of 1.2 million gallons per day (MGD) and an average daily flow of 248,000 gallons.

3.5 POWER AND ELECTRICAL RATES (2025)

Grant County PUD owns and operates the Priest Rapids and Wanapum Hydroelectric Project with 2,000 Megawatts of efface plate generation capacity. Electrical rates are some of the lowest in the U.S. Power sales contracts that went into effect in November 2005 provide long-term rate stability for all new and existing loads. Improvements to the Warden Substation were made in 2012 that were necessary for the operation of the canola seed crushing plant, Viterra.

Table 1: Electrical Rates (Commercial, Manufacturing, and Industrial)

General Service Rate 2 & 2F	Basic charge	Single phase: \$0.77 per day Three-phase: \$1.15 per day
	Energy Charge	All kWh: \$0.04658 per kilowatt-hours (kWh)
	Minimum Charge	\$4.05 per kWh of Billing Demand, applicable to loads of 100 kW and above, but not less than the basic charge.
Irrigation Service Rate 3	Basic charge	Single Phase \$32.22 per month Three-Phase \$46.00 per month
	Energy Charge	\$0.03176 per kWh
	First 75 hp	billed at \$2.93 per hp
	Over 75 hp	billed at \$2.69 per hp
	Minimum Charge	Monthly Capacity Charge + Monthly Basic Charge = Minimum Charge
Industrial Service Rate 14	Basic charge	\$726.44 per month
	Energy charge	\$0.02346 per kWh for first 7,300,000 kWh \$0.03783 per kWh for all additional kW
	Demand charge	\$5.96 per kW of Billing Demand
	Minimum charge	The Minimum shall be computed as: Demand Charge times 75% of the Customer's Maximum Billing Demand during the most recent 12- month period

Large Industrial Service Rate 15	Basic Charge	\$1,061.08 per month
	Energy Charge	\$0.02708 per kWh for first 7,300,000 kWh \$0.02952 per kWh for 7,300,001 to 21,900,000 \$0.03214 per kWh greater than 21,900,000
	Demand Charge	\$6.03 per kW of Billing Demand
	Minimum charge	The Minimum shall be computed as: Demand Charge times 75% of the Customer's Maximum billing Demand during the most recent 12- month period.

Source: Grant PUD: Rates & Fees <https://www.grantpud.org/rates-fees>

Note: The rates above depict the most recently approved Rate Schedule for each category as of 2025. Rate Schedules are set by the Grant PUD Commission and are subject to change at the discretion of the Commission.

3.6 INDUSTRIAL WASTEWATER TREATMENT

OB-3 Resource Management, LLC operates an industrial waste management system serving industries in the Warden area. The system includes a pond to store water during the winter non-growing season and an 8-mile pipeline that transports (pumps) the wastewater from the storage pond to a 3,500-acre spray field site in adjacent Adams County.

3.7 FIRE PROTECTION

Warden's fire protection is provided by Grant County Fire District #4, located at 114 N. Oak Street, Warden, Washington. Grant County Fire District comprises 140 square miles and provides services to the City of Warden and surrounding areas. The District operates from four stations that house 22 pieces of equipment. The District's call volume is approximately 450 calls per year.

Fire District Staff consists of: One full-time Fire Chief and 25 volunteers supporting the District's activities.

3.8 ROAD (HIGHWAY) INFRASTRUCTURE

The Port of Warden area is served by State Route 17, a major north-south route approximately 3 miles to the west and interconnected by SR 170. Interstate 90, the major east-west route, is located 8 miles to the north by County Road U SE. Interstate 90 provides the east-west connection across the state and across the United States. By Interstate 90, traffic can reach Ellensburg, Seattle to the west and Spokane and the eastern U.S. State Route 17 provides the north-south connection to reach destinations such as the Tri-Cities, (Pasco, Richland, and Kennewick) and Oregon to the south, and Moses Lake, Grand Coulee, and Canada to the north. Due to Warden's central location, with respect to irrigated farmland and the excellent transportation facilities available, Warden has emerged as a desirable site for agriculturally oriented industries, resulting in large volumes of truck traffic. Easy access to Interstate 90 to the north and State Route 17 to the west provides for efficient product movement.

3.9 METRO AREA DISTANCES

- Portland, Oregon – 297 miles.
- Seattle, Washington – 179 miles.
- Spokane, Washington – 90 miles.
- Pasco, Richland, and Kennewick, Washington – 70 miles.

3.10 PUBLIC TRANSPORTATION

The Greyhound Bus Line stops in Moses Lake 7 miles to the north. Amtrak stops in Ephrata, which is 21 miles north of Warden. Warden is served with bus service by the Grant Transportation Authority.

3.11 WATERWAY INFRASTRUCTURE

A Water Way Container Barge terminal is located at Pasco, Washington, 61 miles to the south via SR-17 on the Columbia River.

Table 2: Port Waterway Infrastructure Details

Water Type	Columbia River
Channel Depth	15 Feet
Turning Basin	225 Feet
Barging Facilities	Yes
General Cargo Facilities	Yes
Containerized Facilities	Yes
Storage Facilities	Yes
Highway Serving Port	State Highway 395
Rail Serving Port	Burlington Northern Santa Fe Main Line