

## CHAPTER 5

# UTILITIES





## INTRODUCTION

High-quality dependable public services, like clean water and reliable sewer, are essential to Prosser's future success. Cost-effective and dependable services improve quality of life of residents and make Prosser a more attractive place to do business. The Growth Management Act requires communities to plan for utilities to ensure that there is an adequate level of services in place to meet community needs over time.

Development depends on the availability and adequacy of necessary facilities and services to support growth. However, for a variety of reasons there may be some services that are not distributed equitably across the city. As growth and development occurs, existing facilities will need to be upgraded or expanded, and new facilities will be needed. The goals and policies in this chapter guide the equitable, efficient, and adaptive approaches that are needed to provide high-quality facilities and services to all residents of Prosser, including those in future generations.

The City of Prosser already provides some facilities and services within the city limits such as water, sewer, irrigation, garbage, police, and street service. Additional utility services like, natural gas, propane, electric, and a variety of telecommunications are provided by private vendors in accordance with franchise agreements with the City of Prosser.

Over the course of the 20-year planning period, the City plans to continue to work with service providers to maintain existing infrastructure and invest in expanded or new facilities to support planned growth and the development patterns that are called for in the Land Use Element and Capital Facilities Plan.

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**FIGURE U-1. PUBLIC UTILITY AND SERVICE PROVIDERS**

TYPE	PROVIDER
<b>Provided by City</b>	
Water	City of Prosser Public Works Department
Storm/Wastewater	City of Prosser Public Works Department
Sewer	City of Prosser Public Works Department
Irrigation	City of Prosser Public Works Department
Streets	City of Prosser Public Works Department
Police	City of Prosser Police Department
Solid Waste	Basin Disposal Incorporated (Contracted Service)
<b>Provided by Other Entities</b>	
Natural Gas	Cascade Natural Gas
Propane	Amerigas, RE Powell, Bleyhl Farm Services
Electric	Benton Rural Electric Association, Benton Public Utility District
Phone	CenturyLink
Cable	Charter
Satellite	Dish Network, DirecTV
Internet	Charter, Centurylink, Benton Rural Electric Association
Cellular	All Major Carriers
Fire Protection	West Benton Fire and Rescue
Library	Mid-Columbia Libraries
Museums	Prosser Museum Association
Schools	Prosser School District
Hospitals	Prosser Memorial Hospital
Highway	Washington State Department of Transportation
Railroad	Burlington Northern Santa Fe

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**FIGURE U-2. PUBLIC UTILITY LEVELS OF SERVICE**

<b>Irrigation Water</b>	
Water availability	36 inches per acre per year delivered via a pressurized system
<b>Potable Water</b>	
Water availability	353 gallons per Equivalent Residential Unit (ERU) as contained in Prosser's current WSP
<b>Sanitary Sewer</b>	
Maximum Month Flow	174 gallons per capita day
Peak Hydraulic or Peak Instantaneous Flow	226 gallons per capita day
<b>Storm Water Management</b>	
Storm System Design	Greater of 25 year, 24 hour or 25 year 3-hour duration SCS Type 1A Storm

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## UTILITIES AND SERVICES GOALS AND POLICIES

**GOAL U-1: Provide utilities concurrently with a growing population to meet the safety, utility, transportation, educational, and cultural needs of residents.**

- Policy U-1.1. Review and update when necessary, written level of service standards on an annual basis for each type of public facility or utility service and provide capital improvements to achieve and maintain such standards for existing and future development.
- Policy U-1.2. Explore potential opportunity for the City of Prosser to expand its own Irrigation Utility in order to provide pressurized irrigation and expand services to all areas of the city.

**GOAL U-2: Collaborate with regional partners to provide essential public services in an equitable and practical manner.**



- Policy U-2.1. Consider water, sewer, irrigation, power, gas, waste management, and communications as essential public services.
- Policy U-2.2. Recognize communication and high-speed data transmission as essential utility services that should be included in all expansions of city services.
- Policy U-2.3. Develop essential public facilities in a timely and orderly manner, and arraigned efficiently as to not adversely affect the safety, health, and welfare of the citizens residing in surrounding areas.
- Policy U-2.4. Establish a dig once policy to ensure that utilities are installed at the time of construction, replacement, or repair.

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### **GOAL U-3: Ensure that planned public facilities are financially feasible.**

- Policy U-3.1. Identify and pursue all practical and equitable ways to fund the capital improvement projects necessary to serve existing and future development.
- Policy U-3.2. Ensure that private development pay for some or all of the cost of capital improvements or new facilities that are deemed necessary by reason of their respective impact on levels of service.



