



Capital Improvement Plan - Public Information Flyer

Purpose: The Sun Prairie Village County Water and Sewer District is preparing a Capital Improvement Plan (CIP). Capital improvement planning is a process by which public facilities are assessed and replacement, rehabilitation, and maintenance needs of the facilities are identified. A CIP is a budgeting and financial tool used by a local governing body to establish priority capital improvements, establish schedules for those improvements, and identify potential funding sources to assist with implementation of those improvements. The goal of the CIP is to look at the “big picture” of the community needs and plan projects to address those needs.

What we need from you: As a customer of the District, your voice matters in deciding which improvements the District’s financial resources should support. The District is divided into two departments – water and wastewater, with the District Office supporting both. Below you will find an explanation of what each department supports. Once reviewed, please fill out the survey included. **The survey can be completed through the District Website or the District Facebook Page or by returning the enclosed survey to the District Office.** The survey must be submitted by March 18th to be eligible for the raffle.

District Office

The District Office is responsible for both the Water Department and the Wastewater Department. General facilities that are used for both branches include the office building, equipment, vehicles, printers, computers, and software to keep the District organized.

Water

The Water Department is devoted to providing the community with clean and dependable drinking water. This department is responsible for a water system comprising four wells, a reverse osmosis (RO) water treatment plant, two storage reservoirs, a pump station, an extensive distribution network, and over 500 service lines and water meters. The wells serve as the water source for the RO treatment plant located adjacent to the District Office. Treated water is pumped to one of the two reservoirs, also located next to the District Office. The pump station draws water from this reservoir and supplies the distribution system as well as the second reservoir located north of Interstate 15. It is through the 41,500 feet of distribution system piping that water is delivered to each of the residential and commercial service lines in the subdivision.

Wastewater

The Wastewater Department oversees wastewater collection and treatment for the subdivision. The collection system includes 34,000 feet of collection main, 127 manholes, and service lines to over 500 subdivision lots. Two lift stations pump wastewater to the treatment facility; the system also includes a lift station at the County Road Shop on the north side of the frontage road. The treatment facility entails an aerated lagoon (Cell 1), a nitrification reactor (constructed less than two years ago), and a facultative lagoon (Cell 2). Treated wastewater then flows to the southeast over one mile and discharges to the Sun River. Prior to discharge, wastewater is further treated with ultraviolet (UV) light disinfection in the UV treatment system adjacent to the river.

