Background

- The City of Canby owns and operates its wastewater treatment plant (WWTP) through a National Pollutant Discharge Elimination System (NPDES) permit with the Oregon DEQ.
- The permitted capacity for the treatment facility is 2.0 million gallons per day (mgd) with a design capacity of 2.8 mgd.
- The peak wet weather flow for 2014 was 1.3364 mgd with an average dry weather flow of .9748 mgd.
- WWTP treated effluent is discharged to the Willamette River at mile post 33.
- The Willamette River is a DEQ designated water quality limited stream with Total Maximum Daily Load (TMDL) limits for temperature, nutrients, bacteria and other pollutants. In 2010 the City of Canby developed and implemented a TMDL plan to reduce the discharge of listed pollutants.

City of Canby Growth

- The City of Canby Public Facilities Plan and the Wastewater Facilities Plan both show an estimated population of approximately 20,000 for the year 2020. At current growth rates, the City of Canby wastewater treatment facility is capable of meeting the hydraulic and pollutant load demands of its population base past the year 2020.

Plan for Addressing Growth

- In 1999 the City of Canby WWTP was expanded to increase the capacity to 2.8 mgd in order to meet the needs of the community to at least the year 2020.
- Future expansions past the year 2020 will be based on technological upgrades in treatment in order to further reduce pollutant discharge. It is unlikely that DEQ or EPA will allow an increase in pollutant load limits to the Willamette River during permit renewal.

Associated Considerations

- The City of Canby is one of only 18 cities in Oregon that currently is mandated by EPA to establish, develop and implement an Industrial Pretreatment program. All commercial, industrial and business facilities within the Cities jurisdiction are surveyed and screened to determine if an Industrial discharge permit is required.

For More Information, Contact:

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