

CITY COUNCIL 6.C

CITY OF LYNNWOOD CITY COUNCIL

TITLE: Briefing: Sewer Comprehensive Plan Update

DEPARTMENT CONTACT: Bill Franz, Public Works

SUMMARY:

Adoption of the Lynnwood Sewer Comprehensive Plan Ordinance. The plan looks at the current state of the city's sewer system and provides a look ahead as to what improvements are in the city's agenda to accommodate current and future needs.

PRESENTER:

Ehsan Shirkhani, Civil Engineer; Jared Bond, Deputy Public Works Director; William Franz, Public Works Director

ESTIMATED TIME:

30

BACKGROUND:

Public Works Staff will brief the Council at the April 3, 2023 Work Session about the update of our Sewer Comprehensive Plan. This will be followed by an ordinance on April 10, 2023 adopting the plan.

The city owns and operates 104 miles of gravity sewer pipe, 6 miles of force mains, 7 lift stations and a WWTP that collectively provide sewer collection and treatment services to Lynnwood residents and a small portion of Edmonds.

The state law requires all sewer system owners to have plans for construction and improvements of new and existing sewer systems. In Washington department of ecology is the responsible authority to regulate and oversee sewer system plans.

This plan is an update to the previous version adopted in 2012 and takes into account the current state of the city's sewer system, as well as population forecasts and system needs. The new comprehensive plan analyzes the city's existing sewer system to identify the necessary improvements and facility upgrades in addition to updating projected population and flow estimates that inform the city's sewer model. In addition to outlining a Capital Improvement Plan (CIP) for the next 6 years, the plan also provides recommendations on best practices for operation and maintenance, and a financial program that addresses the cost of operation and maintenance of the sewer system, sewer rates and connection fees.

Flow estimates are based on existing and future residential employment population data collected from the Office of Financial Management (OFM), Puget Sound Regional Council

(PSRC) and input from the city’s planning department. According to this data an over 70% increase in residential and employment population is anticipated within city's sewer service area between 2019 and 2050 predominantly in City Center, Alderwood Mall Area and the SR-99 Corridor.

Given the importance of the Wastewater Treatment Plant as a crucial component of the city’s sewer system, a comprehensive facility plan has been prepared separately that provides recommendations on major upgrades necessary to enhance the treatment plant operation and maintenance for the next 20-30 years and adapt to upcoming changes in regulatory requirements.

SUGGESTED ACTION:

Adopt ordinance XXXX, an ordinance adopting the Lynnwood Sewer Comprehensive Plan 2023 to 2028; and providing for an effective date, severability, and summary publication.

PREVIOUS COUNCIL ACTIONS:

September 27, 2021 Council Business Session, the city council authorized the mayor to sign a contract on behalf of the city with BHC Consultant to provide engineering services associated with preparation of this comprehensive plan.

March 9, 2023 Planning Commission Public Hearing, the Sewer Comprehensive Plan was presented before the Planning Commission and public.

FUNDING:

The sewer comprehensive plan was originally budgeted for \$544,663.48 through Utilities Fund 412 . The preparation of the comprehensive plan has been completed with only expending 70% of the budget. The project scope has been completed except for the consultant's assistance in submitting the plan to Ecology and addressing any comments they may have. We do not expect the approval process to have a significant impact on our budget.

VISIONS AND PRIORITIES ALIGNMENT:

The Lynnwood Community Vision states that the City is to “be a welcoming city that builds a healthy and sustainable environment.” The Sewer Comprehensive Plan supports that vision and results in an important improvement to the City’s infrastructure that links City of Lynnwood programs, policies, comprehensive plans, mission and ultimately the Community Vision. The individual projects in these plans provide infrastructure supporting a healthy and sustainable environment for all citizens.

DEPARTMENT ATTACHMENTS

Description:

[Draft Ordinance Sewer comp plan.docx](#)

[Council Presentation - Sewer Comp Plan \(2\).pdf](#)