## STAFF REPORT

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| **Agenda Item:** | 6 | **Name:** | Andy Micklow |
| **Proposed No**.: | 2019-0229 | **Date:** | September 18, 2019 |

**SUBJECT**

An ordinance approving the King County Water District No. 49 Water System Plan February 2019.

**SUMMARY**

Proposed Ordinance 2019-0229 would approve the Water District No. 49 Water System Plan February 2019, meeting the requirement for utilities that are special purpose districts created pursuant to Title 57 RCW.

**BACKGROUND**

King County Water District No. 49 (District) is a Group A water system serving an urban area of approximately 3.32 square miles in southwestern King County in the Lake Burien area. As of December 2018, there were approximately 4,209 residential, multi-family, and commercial metered service connections to the water system. The previous water system plan is dated 2008 and was approved in 2009 by King County Ordinance 16655.

**King County Utility Comprehensive Plan Criteria**

King County Code Chapter 13.24 requires the Utilities Technical Review Committee (UTRC) to review and make recommendations to the Executive and County Council on the adequacy of all water and sewer comprehensive plans and related matters, and to determine whether the plan:

* is consistent with the King County Comprehensive Plan,
* is consistent with local comprehensive plans,
* reflects current supply and demand,
* forecasts future supply and demand,
* provides a capital plan for obtaining, using, storing and conveying water and sewage, and
* provides sufficient information to demonstrate the utility district’s ability to provide service consistent with all applicable laws and regulations.

In addition to satisfying the requirement of KCC Chapter 13.24, the County's approval also provides state regulatory agencies with the determination required under RCW 43.20.260 that the Plan is consistent with the King County Comprehensive Plan and implementing development regulations.

Additionally, King County has adopted a Comprehensive Plan that includes policies that address water policies for facilities and services, calling for consistency with other adopted plans, pursuit of reclaimed water, water conservation, and protection of water resources.

**UTRC ANALYSIS OF Water District No. 49 Water System Plan February 2019**

The UTRC finalized its review of the Plan in April 2019 (see Attachment 4 to this staff report for a more detailed description of the UTRC review). The UTRC found the Plan meets the requirements of KCC chapter 13.24 and has recommended its approval. Highlights of the Plan, as reviewed by the UTRC, are outlined below.

**Service Area:** King County Water District No. 49 is a Group A water system serving an urban area in southwestern King County in the Lake Burien area. The District covers approximately 3.32 square miles of mostly developed urban land located primarily within the City of Burien with smaller portions located in the cities of Normandy Park and SeaTac. The District's service area is primarily residential with localized commercial developments, including retail stores, shops, and restaurants.

The retail service area is not expected to change in the future. The District's service area is bounded on all sides by other water utilities.

**Supply:** The District owns and maintains approximately 59.1 miles of water mains, 640 fire hydrants with related isolation valves, control valves, and a 500,000 above-grade gallon concrete storage reservoir and booster pump station. The District purchases water supplied from the Tolt and Cedar Rivers through Seattle Public Utilities (SPU). Purchased water is obtained through five direct connections to SPU's regional distribution system.

The UTRC determined that the water system plan demonstrates the ability of King County Water District No. 49 to provide service consistent with the requirements of all applicable statutes, codes, rules, and regulations.

**Growth:** The average day water demand in 2019 is estimated to be 1.35 million gallons per (mgd). The projected average day demand is 1.46 mgd in 2024 and 1.82 mgd in 2038. The District states, "The existing sources are projected to be adequate to serve the system through the design period. The District’s current contract with SPU expires in 2062. No deficiencies are expected for the source of supply."[[1]](#footnote-1)

**System Improvements:** The District's Capital Improvement Plan for conveyance and treatment improvements, which is included as Chapter 8 of the water system plan, projects expenditures of $27,476,074 over the next ten years. It is expected that the capital improvement projects would be funded through a combination of cash-on-hand, connection charges, a Public Works Trust Fund loan, and sale of revenue bonds.

**SEPA:** The District completed a State Environmental Policy Act (SEPA) checklist for the Plan and, as lead agency, issued a determination of nonsignificance for the issuance of the Plan on February 1, 2019. There were no appeals.

**INVITEES**

* Steve Hirschey, Chair, Utilities Technical Review Committee

**ATTACHMENTS**

1. Proposed Ordinance 2019-0229 (attachments available in the Clerk’s office)
2. Transmittal Letter
3. Fiscal Note
4. UTRC Matrix

1. Water District No. 49 Water System Plan, pg. 3-34. [↑](#footnote-ref-1)