

*KIRKLAND 2035
EXISTING UTILITIES ELEMENT GOALS & POLICIES
(TO BE REVISED WITH K2044 UPDATE)*

Utilities Element – Existing Goals and Polices

Existing adopted Goals and Policies without corresponding descriptive text. The full text of the adopted Utilities Element in the Comprehensive Plan can be accessed online.¹

Goal U-1: Maintain the quality of life in Kirkland through the planned provision of public and private utilities.

- Policy U-1.1: Maintain an inventory of existing capital facilities and utilities, including locations and capacities of such systems and facilities.
- Policy U-1.2: Provide for needed capital facilities and utilities based on adopted levels of service and forecasted growth in accordance with the Land Use Element of this Plan.
- Policy U-1.3: Use the following level of service standards for determining the need for City-managed public sewer, water, and surface water facilities:
- Water distribution residential use: 103 gallons/day/capita*
Water distribution all other uses (Irrigation, business, fire suppression): 249 gallons/day/capita (includes 1.5 million gallons for fire storage)
Sanitary sewer collection: 100 gallons/day/capita
Surface water management: Conveyance, flow control, and water quality treatment per the Stormwater Management Manual for Western Washington or equivalent to prevent flooding, and protect water quality, and habitat in streams and lakes.
- Policy U-1.4: Ensure that utility services are provided in a manner that is environmentally sensitive, safe and aesthetically compatible with surrounding land uses.
- Policy U-1.5: Facilitate and encourage the conservation of utility resources.
- Policy U-1.6: Promote renewable energy.
- Policy U-1.7: Provide equal access to utility services, regardless of historic disparities in income and employment opportunities.
- Policy U-1.8: Install new and, where feasible, existing utility distribution lines underground.
- Policy U-1.9: Encourage the joint use of utility corridors and facilities.
- Policy U-1.10: Coordinate with other jurisdictions and tribes when utility additions and improvements cross jurisdictional boundaries to ensure that decisions are consistent with regional demand and resources and consistency in timing of permit review.

¹ <https://www.codepublishing.com/WA/Kirkland/html/KirklandCP11/KirklandCP11.html>

*KIRKLAND 2035
EXISTING UTILITIES ELEMENT GOALS & POLICIES
(TO BE REVISED WITH K2044 UPDATE)*

Goal U-2: Provide an efficient system to deliver high quality water.

- Policy U-2.1: Work in coordination with other jurisdictions and purveyors in the region to ensure a reliable, economic and sustainable source of water and to address long-term regional water demand.
- Policy U-2.2: Implement system rehabilitation and improvements in order to manage water resources.
- Policy U-2.3: Protect public health and safety, through the appropriate design, installation, and maintenance of water facilities.
- Policy U-2.4: Visually screen new water towers and other water utility infrastructure to blend into their surroundings.

Goal U-3: Protect public health and environmental quality through appropriate and efficient design, installation, and maintenance of sanitary sewer infrastructure.

- Policy U-3.1: Work with King County, adjoining jurisdictions, and local purveyors to manage, regulate, and maintain the regional sewer system.
- Policy U-3.2: Ensure that all new development proposals are served by adequate sanitary sewer systems.
- Policy U-3.3: Connect areas that are on septic systems to sanitary sewer.
- Policy U-3.4: Correct deficiencies and increase system efficiency. Emphasis should be placed on correcting deficiencies that present sewage overflow risks.
- Policy U-3.5: Educate businesses and the public on the proper use of the sewer conveyance system.
- Policy U-3.6: Encourage water reuse and reclamation.

Goal U-4: Provide surface water management facilities, programs and services that provide adequate drainage and minimize flooding while protecting and enhancing the water quality and habitat value of streams, lakes, and wetlands.

- Policy U-4.1: Implement the priorities and needs identified in the City's Surface Water Master Plan.
- Policy U-4.2: Adopt surface water design standards for new development and redevelopment that incorporate best available research and technology in protecting water resources in an economical and feasible manner.
- Policy U-4.3: Adopt and implement standards for control of runoff and erosion from construction sites.
- Policy U-4.4: Encourage or require use of "low impact development" principles and practices to minimize the surface water impacts of development.
- Policy U-4.5: Require businesses and residents to take steps to prevent stormwater pollution.
- Policy U-4.6: Minimize environmental damage from spilling and/or dumping of pollutants into the storm drainage system.
- Policy U-4.7: Assess the quality of water and habitat in local streams and lakes to evaluate the effectiveness of utility standards and programs and to focus future efforts.

*KIRKLAND 2035
EXISTING UTILITIES ELEMENT GOALS & POLICIES
(TO BE REVISED WITH K2044 UPDATE)*

- Policy U-4.8 Ensure that privately owned stormwater facilities are operated and maintained in a manner that maximizes their quantity and quality control benefits.
- Policy U-4.9 Educate the public on protecting and enhancing the quality of our water resources.
- Policy U-4.10 Explore the potential for regional stormwater facilities.
- Policy U-4.11 Take steps to remove fish passage barriers and to protect and enhance fish habitat.
- Policy U-4.12 Conduct municipal operations in a manner that protects water quality.
- Policy U-4.13 Coordinate basin planning, pollution prevention, and restoration activities with neighboring jurisdictions.
- Policy U-4.14 Participate in regional surface water resources and fish resource conservation planning efforts.
- Policy U-4.15 Ensure compliance with State and federal regulations related to surface water quality and fisheries resources.
- Policy U-4.16 Investigate and plan for the impacts of climate change on operation, maintenance and construction of the stormwater system.
- Policy U-4.17 Conduct asset management and planning to insure uninterrupted and efficient operation of the stormwater system.
- Policy U-4.18 Consider acquisition of open space, stream corridors and/or wetlands in cases where this would further goals of reducing flooding, improving water quality and improving fish habitat.

Goal U-5: Ensure adequate and competitively priced telecommunication infrastructure, facilities and services for residents and businesses.

- Policy U-5.1: Manage the City's existing and planned telecommunication improvements to optimize service delivery opportunities in Kirkland.
- Policy U-5.2: Partner with public agencies and private sector organizations to achieve cooperation and cost-sharing in building telecommunication systems and providing service.
- Policy U-5.3: Review and update City policies, procedures and regulations to facilitate the installation and maintenance of telecommunication systems.
- Policy U-5.4 Seek opportunities to enhance the number of service providers in the community to increase choice and fair access and encourage competitive pricing and high quality customer service.
- Policy U-5.5 Involve community stakeholders and service providers in telecommunication decisions.
- Policy U-5.6 Continue to provide and improve audio-visual systems for City communication with the public.
- Policy U-5.7 Mitigate impacts of wireless service facilities on adjacent land uses through careful siting and design. Facilitate the approval of wireless service facilities to balance the need for community connectivity with aesthetic standards. Stay up-to-date with changing technologies and rules.
- Policy U-5.8 Allow new aerial telephone and cable lines in the right-of-way, provided that they are designed and installed to minimize aesthetic impacts and are

*KIRKLAND 2035
EXISTING UTILITIES ELEMENT GOALS & POLICIES
(TO BE REVISED WITH K2044 UPDATE)*

- subsequently required to be placed underground at the time of undergrounding electrical distribution lines.
- Policy U-5.9 Ensure that franchise and right-of-way agreements with telecommunication service providers require collaborative undergrounding of facilities when electrical distribution lines are placed underground.
- Policy U-5.10 Screen ground mounted cabinets associated with telephone and cable telecommunication equipment so that they fit in with their surroundings.

Goal U-6: Reduce the risk to public safety and the environment in the event of a hazardous liquid pipeline failure.

- Policy U-6.1: Establish standards to minimize pipeline damage.
- Policy U-6.2: Coordinate with the pipeline operator when developments are proposed near the hazardous liquid pipeline corridor to reduce the potential for problems.
- Policy U-6.3: Prohibit new high consequence land uses from locating near a hazardous liquid pipeline corridor. Design proposed expansions of high consequence land uses to avoid increasing the level of risk in the event of a pipeline failure and, where feasible, to reduce the risk.
- Policy U-6.4 Require maintenance of the hazardous liquid pipeline corridor through a franchise agreement or other mechanisms.
- Policy U-6.5 Expedite permits for the hazardous liquid pipeline company necessary for inspections and repairs.
- Policy U-6.6 Continue to work with other jurisdictions, state and federal governments, and the pipeline operator to seek improvements in safety measures for hazardous liquid pipelines.
- Policy U-6.7 Encourage the pipeline operator to maintain a neighborhood education program for those who live and work within one-quarter mile of the hazardous liquid pipeline to educate them and the general public about pipeline safety.

Goal U-7: Promote energy infrastructure that is energy efficient, addresses climate change, and protects the community character.

- Policy U-7.1: Encourage the public to conserve energy through public education.
- Policy U-7.2: Participate in regional efforts to increase renewable electricity use 20 percent beyond 2012 levels Countywide by 2030, phase out coal fire electricity sources by 2025, limit construction of new natural gas based electricity power plants, and support development of increasing amounts of renewable energy sources.
- Policy U-7.3: Work with and encourage Puget Sound Energy to provide clean and renewable energy that meets the needs of existing and future development, and provides sustainable, highly reliable and energy efficient service for Kirkland customers.
- Policy U-7.4 Promote the use of small to large scale renewable energy production facilities.

*KIRKLAND 2035
EXISTING UTILITIES ELEMENT GOALS & POLICIES
(TO BE REVISED WITH K2044 UPDATE)*

- Policy U-7.5 Require new and, where feasible, existing electrical distribution lines in the right-of-way to be underground.
- Policy U-7.6 Screen above ground equipment cabinets and other structures associated with electrical distribution without hindering access as required by the provider.
- Policy U-7.7 Require siting analysis in the development review process for new and expanded electrical transmission and substation facilities to address land use and sensitive areas and provide mitigation to minimize visual and environmental impacts.

Goal U-8: Facilitate the development and maintenance of non-City-managed utilities at the appropriate levels of service.

- Policy U-8.1: Work with non-City-managed utilities and review facility plans to ensure that they reflect and support Kirkland's land use plan. Likewise, the City should work with providers to ensure that utilities are available to support land uses and to maintain appropriate levels of service.
- Policy U-8.2: Coordinate with non-City providers of water and sewer on a joint program for maintaining adopted levels of service, concurrency requirements, funding, and construction of shared public facilities.
- Policy U-8.3: Coordinate with the appropriate utility provider when considering land use decisions in the vicinity of proposed facility locations to ensure land use compatibility.
- Policy U-8.4 Provide timely and effective notice to utilities of the construction, maintenance, or repair of streets, roads, or other facilities and coordinate such work with the serving utilities.
- Policy U-8.5 Encourage the consolidation of special districts.
- Policy U-8.6 Coordinate emergency response for utility disaster recovery.