

Northshore Utility District

2023 Engineering Fee Schedule

PRE-APPLICATION						
<u>Water / Sewer Availability:</u>						
<ul style="list-style-type: none"> An availability letter is prepared and considered valid for 365 days from date of issuance. A single extension may be granted if a request is made prior to date of expiration provided there are no changes in the project conditions. 						\$135
<u>Fire Flow Analysis:</u>						
<ul style="list-style-type: none"> Fire Flow Testing (Deposit required based on Time and Materials with Overhead plus 25%). 						125%
DEVELOPER EXTENSION (DE) DEPOSITS & FEES (Excluding Connection Fees)						
<u>Application:</u>						
<ul style="list-style-type: none"> Developer Extension Application– Non-refundable Application Review Fee 						\$2,000
<u>Plan Review Deposits:</u>						
<ul style="list-style-type: none"> Water Extension (Due with 1st revised plan resubmittal). 						\$1,400
<ul style="list-style-type: none"> Sewer Extension (Due with 1st revised plan resubmittal). 						\$1,400
<u>Construction Administration Deposits:</u>						
<ul style="list-style-type: none"> Sewer Construction (Due prior to pre-construction meeting). 						\$5,000
<ul style="list-style-type: none"> Water Construction (Due prior to pre-construction meeting). 						\$5,000
<ul style="list-style-type: none"> Project Close-Out (Due prior to final acceptance). 						\$2,500
<u>Permits/Inspection:</u>						
<ul style="list-style-type: none"> Side Sewer Construction Permit (Includes one inspection). 						\$300
<ul style="list-style-type: none"> Non-Standard Side Sewer Permit – Crossing ROW >2 lanes, sensitive areas, or complex systems i.e., private grinders, wetlands and main roadways (Includes 2-3 inspections). 						\$600
<ul style="list-style-type: none"> Side Sewer Permit with ROW Stub Installation (includes \$80 preconstruction meeting). 						\$680
<ul style="list-style-type: none"> Side Sewer Re-Inspection (Additional inspection following failed Inspection). 						\$88/Hr
<ul style="list-style-type: none"> Sewer Capping Permit & Inspection. 						\$150
<ul style="list-style-type: none"> Grease Removal Device Inside Inspection (GRD) – internal of building/facility. 						\$80
<ul style="list-style-type: none"> Site Plan Preparation Assistance for connection to sanitary sewer from septic system. 						\$25
<ul style="list-style-type: none"> Side Sewer Repair or Minor Sewer Modification Permits 						\$0
<u>3rd Party Coordinated Permits:</u>						
<ul style="list-style-type: none"> ROW Permit – for side sewer work (Administered and coordinated through municipal governing agency). 						\$900
<ul style="list-style-type: none"> ROW Permit – for water service work (Administered coordination through municipal governing agency). 						\$900
<ul style="list-style-type: none"> Industrial Waste Discharge Permit – Construction dewatering or industrial discharge to sanitary sewer system. (In coordination with King County) plus usage charge of \$6.50/CCF. 						\$125 (+ Usage)
<u>Construction Water:</u>						
<ul style="list-style-type: none"> Rental Meter Application Fee (Non-Refundable). 						\$25
<ul style="list-style-type: none"> Monthly Meter Rental Fee plus Usage Charge of \$5.56/CCF. 						\$50 (+ Usage)
<ul style="list-style-type: none"> ¾" - 1" Meter Rental Damage Deposit. 						\$1,000
<ul style="list-style-type: none"> 3" Meter Rental Damage Deposit. 						\$2,500
CONNECTION FEES - FACILITY CHARGES*						
(Charges for Infrastructure Supporting Current and Future Capacity Needs)						
Meter Size	SEWER – Standard Charges			WATER – Standard Charges		
	Major Facility Charges (MFC)	Local Facility Charges (LFC)**	Total Sewer Facility charges	Major Facility Charges (MFC)	Local Facility Charges (LFC)**	Total Water Facility Charges
¾"	\$1,925	\$5,075	\$7,000	\$1,800	\$700	\$2,500
1"	\$3,160	\$8,340	\$11,500	\$2,950	\$1,150	\$4,100
1 ½"	\$6,375	\$16,825	\$23,200	\$5,900	\$2,300	\$8,200
2"	\$10,195	\$26,905	\$37,100	\$9,425	\$3,675	\$13,100
3"	\$20,360	\$53,740	\$74,100	\$18,850	\$7,350	\$26,200
4"	\$31,820	\$83,980	\$115,800	\$29,425	\$11,475	\$40,900
6"	\$63,670	\$168,030	\$231,700	\$58,925	\$22,975	\$81,900
*See Totem Lake Basin Capital Expansion Connection Cost (CECC) and Single-Family Connection Fee Cost Sheet						
** Local Facilities Charges is exempt when a new connection is paid through a Developer's Extension						
**Single Family Residences served by a 1" meter are to be charged at a ¾" facility charge provided the increased size is required for fire sprinkler service only.						

WATER CONNECTION FEES - FIRE PROTECTION CHARGES (FPC)

(Charges Support Infrastructure to Meet Fire Flow Requirements – **Dedicated Irrigation Services are Exempt from FPC**)

Description	Fire Flow Required (GPM)	FPC Unit Multiplier	Fire Protection Charge
Base Line Multiplier	1000 GPM	1	\$600
*Multi-Family Multiplier	1500 GPM	Per Unit Charge	\$540
**Single-Family Residential	1,500 GPM	1.50	\$900
Per Fire Marshall Requirements	1,750 GPM	1.75	\$1,050
Per Fire Marshall Requirements	2,000 GPM	2.00	\$1,200
Per Fire Marshall Requirements	2,500 GPM	2.50	\$1,500
Per Fire Marshall Requirements	3,000 GPM	3.00	\$1,800
Per Fire Marshall Requirements	3,500 GPM	3.50	\$2,100
Per Fire Marshall Requirements	***4,000 GPM	4.00	\$2,400

*Multi-Family represents a per unit charge based on 0.6 of Single-Family Residential Charges.

**Single Family Residential – represents base charges for single- family residential homes.

***Fire Flow Requirements in excess shall be adjusted proportionately as compared to the Base Line Multiplier.

ADDITIONAL SERVICE FEES

<u>*Water Meter and Installation (Meter Only):</u>	<u>AMR – Drive-By Standard</u>	<u>**Cellular Cloud Premium +</u>
• ¾"x ¾" Full Bore Meter	\$320	\$390
• 1" Meter	\$385	\$455
• 1 ½" Meter	\$685	\$755
• 2" Meter	\$790	\$860
• 3" or larger Charges are billed on time and material	TBD	+\$70

*Failed Meter Set – **\$80 charge** shall apply when meter set is not accessible, or modifications are required to receive meter as a "drop-in" installation.

Premium Plus – **\$2 Bi-Monthly Service Charge for cellular cloud-based meter reading service.

<u>Water Service Installation (Excluding Meter):</u>	<u>*Minimum Deposit</u>
• 1" Water Service (Includes labor, materials, equipment, water service line, fittings, setter and meter box).	\$4,125
• 1 ½" or larger Water Service (Includes labor, materials, equipment, water service line, fittings, setter and meter box).	\$7,012

*An **additional \$7,000 deposit** shall be collected for special conditions effecting overall costs of water service installation work, including 1) extensive traffic control, 2) major arterial & roadway crossing, 3) major utility, structure, or facility conflicts in the ROW, 4) expanded restoration requirements related to road conditions, and 5) grind & overlays as required by local municipal permit conditions (RR 2023-05-02, Sect. 11.02 e).

<p><u>*Water Tap Service (on District Main):</u></p> <ul style="list-style-type: none"> • 1" **\$200 Plus Materials • 1½" **\$200 Plus Materials • 2" **\$200 Plus Materials • 3" and Larger Time and Materials <p>**Multiple taps within a single excavation billed on Time and Materials basis, (\$300.00 minimum).</p> <p><u>*Water Main Tie-Ins (on District Main):</u></p> <ul style="list-style-type: none"> • Connection and Tie-Ins Time and Materials <p><u>Fire Hydrants (on District Main):</u></p> <ul style="list-style-type: none"> • Storz Adapter including install \$400 • Installs or Relocations Time and Materials <p><u>Infrastructure Abatement (on District Main):</u></p> <ul style="list-style-type: none"> • Water Service, Hydrants, Blow/Off's, etc. Time and Materials (\$2,000 Deposit Req.) 	<p>Tapping service includes labor and equipment only. Tap materials may be provided at an added cost plus overhead.</p> <p><i>"Time and Materials"</i> include actual labor, equipment, and materials cost. Labor and materials shall be billed at cost plus overhead.</p> <p>*Contractor responsible for excavation, shoring, traffic control, materials, compaction, restoration, permits, valve/meter boxes, and other related appurtenances.</p> <p>Mobilization and Rescheduling Fee of \$300 shall apply when work is cancelled by contractor on <u>day of</u> work was previously arranged and scheduled.</p>
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NORTHSHORE UTILITY DISTRICT

SINGLE-FAMILY SEWER / WATER CONNECTION COST INFORMATION

Refer to the District's current Rate Resolution for connection cost information for multi-family and commercial properties.

Effective as of March 15, 2023

Sewer Connection Charges					
Meter Size ⁶	MFC	LFC	Total Connection Fees ³	Minimum Standard Permit ¹	Minimum ROW Permit ²
¾"	\$1,925	\$5,075	\$7,000	\$300	\$900
1"	\$3,160	\$8,340	\$11,500		

MFC - Major Facilities Charge LFC – Local Facilities Charge FPC – Fire Protection Charge

¹**Permit:** \$300 fee covers gravity side sewer connections requiring only a single inspection. Pumped side sewers, ROW stub installations, long pipe runs or other obvious situations requiring two or more inspections are a minimum \$600. Requests for individual grinder pump connections must be pre-approved by the District. Additional inspections due to failure to comply with the District standards and regulations are \$88/hr with a one hour minimum. There is a \$150 fee for a permit to disconnect and cap a side-sewer. There is no fee for permits to make minor modifications or repairs to an existing side-sewer.

²**ROW:** Right-of-Way Permits required for side sewer connections and inspections are a minimum of \$900; however, additional charges may apply depending on the jurisdiction. Water service ROW permit fee applies to all new service installations in the ROW.

³**Total Sewer Connection Fees:** Kirkland properties located in the Totem Lake Sewer Basin are subject to an additional sewer connection fee called the Capacity Expansion Connection Charge (CECC).

Water Connection Charges							
Meter Size ⁶	MFC	LFC	FPC ⁵	Total Connection Fees	Minimum Water Service Installation ⁴	Meter Set Permit (AMR Meter)	Flat Rate ROW Permit Fee ²
¾"	\$1,800	\$700	\$900	\$3,400	\$4,125	\$320	\$900
1"	\$2,950	\$1,150	\$900	\$5,000		\$385	
<u>Additional</u> Charges for Cellular Meter Upgrade – All Meter Sizes				New Cellular Meter Set			\$70
*\$2.00 bi-monthly service charge billing applies to all cellular meter upgrades.				Existing AMR Meter Upgrade to Cellular			\$260

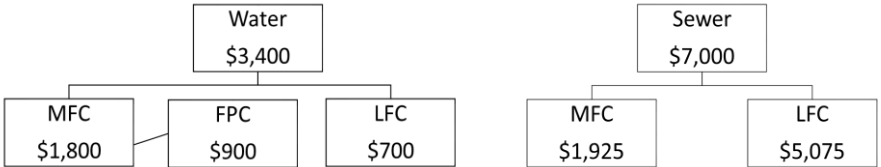
⁴**Service Installation:** An additional **\$7,000 deposit** is required for all water service installations requiring special conditions including, extensive traffic control, major arterial & roadway crossings, utility/structure conflicts in the ROW, unique hardscapes, expanded landscape restorations, grind and overlays and other conditions that affect the overall costs of the installation, as set forth in Section 11.03(e) of the Rate Resolution. A new water service installation does not include the cost of the water meter.

⁵**Fire Protection:** Fire Protection Connection Charge (FPC) does not apply to irrigation only meters.

⁶**Meter Size:** Single-family residences served by a 1" meter will be charged a ¾" facility charge provided the increased size is only due to fire sprinkler requirements.

Northshore Utility District (NUD) is a special purpose district. Voters from around the area voted to form it as a public utility decades ago to bring sewer and water services to this area. Before the District could provide service, it built major facilities like reservoirs, transmission mains, interceptor mains and pump stations to serve the area. The early property owners paid for these facilities through their sewer and water service charges and ULID assessments. They built up equity in the District's systems through their ongoing payments.

Before connecting to the water or sewer system, each property must pay its share to buy into the system(s). We call this "buy-in" fee the connection charge (CC). CCs are computed according to state laws. There are two connection charges, one for water and one for sewer. Each connection charge has two parts to it. The Major Facilities Charge (MFC) is the portion that pays for a share of the major facilities serving the entire District. The Local Facilities Charge (LFC) is the portion that pays for local extensions (pipes) needed to complete the water and/or sewer system(s) to bring services to all District property owners. In addition to the MFC and LFC, a fire protection charge (FPC) is collected on all single-family water service installations.



Full Water and Sewer Connection Charges (CC) for Single-Family Home

"I can understand the buy-in part. But why should I pay for local extension?"
 That's certainly a fair question. Water travels for miles from the source to your home. Sewage from your home will also flow for miles before reaching a treatment facility. In other words, the connecting system facilities that carry your water and wastewater were built and paid for by property owners before you in order to bring services to your home. For this reason, you are required to shoulder a portion of those costs by paying the LFC. However, if there is no water/sewer main adjacent to your property and you must construct the local facilities needed in order to connect and receive service, you will be exempt from the LFC portion of the CC.

Gravity Sewer Service Note: If the main floor of any structure on the property can be served by gravity into the District's collection system, it is deemed to have Gravity Sewer Service even if the below-grade basement cannot be served by gravity flow.

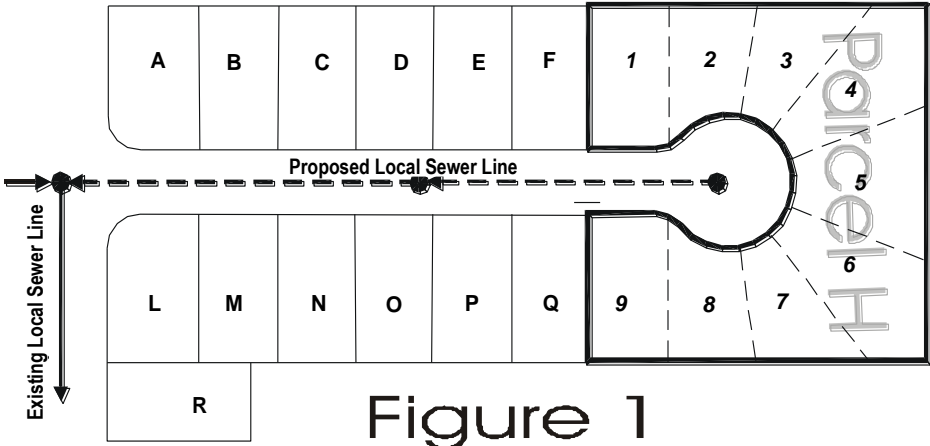


Figure 1

In Figure 1, the property owner of lot "L" and "R" can connect directly to the existing sewer main and will be required to pay the LFC portion of the CC. The owner of parcel "H" will not pay the LFC because he must pay to construct the proposed local sewer (dotted line) to bring service to his property.



Northshore Utility District

TOTEM LAKE SEWER TRUNK CAPACITY EXPANSION CONNECTION CHARGE

Effective as of 2015 Updated 5/15/2023

Due to recent zoning revisions adopted by the City of Kirkland, the Totem Lake neighborhood and surrounding areas will be subject to a special connection charge called the **Capacity Expansion Connection Charge (CECC)**. The CECC will apply to all new development and redevelopment located within the sewer system drainage basins that presently discharge into the existing Totem Lake Sewer Trunk. **The CECC amount is \$2,746 per equivalent multi-family residential unit** and will be assessed **in addition** to the District's existing, standard connection charges. Additional information regarding the capacity expansion connection charge can be found at www.nud.net/district-to-adopt-new-sewer-system-connection-charge-for-the-totem-lake-area/; a service area map is included on the reverse page.

All non multi-family housing units, such as commercial & retail development, will be converted to equivalent multi-family housing units, based on meter size, per the below table¹. Single-family homes will be converted to 1.67 multi-family housing units regardless of meter size.

Non-Residential Domestic Water Meters & Multi-Family Equivalents			
Meter Size	Maximum Flow Rate (gpm)	Equivalent ERUs	Equivalent Multi-Family Housing Units
5/8"	20	1.0	1.67
3/4"	30	1.5	2.51
1"	50	2.5	4.18
1 1/2"	100	5	8.35
2"	160	8	13.36
3"	320	16	26.72
4"	500	25	41.75
6"	1000	50	83.50
8"	1600	80	133.60



Single-family home = 1.67 x \$2746 = **\$4,585.82 total CECC due**



100 unit apartment complex = \$2746 x number of units
100 x \$2746 = **\$274,600 total CECC due**



Mixed-use commercial/residential building with retail space on the ground level and 60 apartments on upper floors. Retail space is served by a 1-inch water meter & apartments are served by a 3-inch water meter.

60 apartments x \$2746 = **\$164,760.00**
1-inch, non-residential meter converts to 4.18 units x \$2746 = **\$11,478.28**
Total CECC due = \$176,238.28

CECC Calculation Examples

¹ One ERU equals 1.67 equivalent multi-family housing units based on the possible maximum flow through the meter as compared to the 5/8-inch meter base. The conversion ratio is derived from the District's historical water consumption rates.

Properties required to pay the CECC are located within the various shaded areas on the map. These shaded areas represent the distinct sewer system drainage basins that discharge into the Totem Lake Sewer Trunk system. If you're unsure if the CECC applies to your property, contact the Engineering Department at 425.398.4401 or engineering@nud.net.

