



the Flow

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Inter-Agency Efforts Help Serve & Save Ratepayers



Commissioner Bruce Gardiner has served on the Board of NUD since 1993.

Recently, the Northshore Fire Department (NFD) was proud to publicize that the fire protection class rating for the Department had improved from a class 4 to a class 3, placing the Department in the top 10 percent for the state. This

could mean lower insurance premiums for homeowners and commercial properties. One of the categories assessed was the water supply, including fire flow, hydrant distribution and system maintenance. As the water service provider, Northshore Utility District is pleased to be part of the success in improving the class rating.

This is just one example of how NUD works with other local agencies that share borders and services with us. Here we would like to identify more of those cooperative services that benefit our ratepayers and community.

NUD provides maintenance and repair service for over 250 vehicles and other motorized equipment. Nearly 40 percent of our fleet service is contracted through us from the cities of Kenmore and Lake Forest Park and the NFD, saving them, and thus you, the cost of operating separate maintenance facilities.

The same agencies need fuel for their vehicles. Fuel tanks and pumps are expensive and must meet significant environment regulations. NUD provides fuel services to these agencies, consolidating the services in one location rather than at each motor pool.

The Northshore Utility District belongs to, and has been a driving force in the Northshore Emergency Management Coalition (NEMCo). NUD, Northshore Fire, and the cities of Kenmore and Lake Forest Park all belong to the coalition, which shares planning and operations for regional emergency situations. In a similar vein, we belong to WARN, the Washington Water/Wastewater Agency Response Network, by which member systems share resources for rapid mutual aid and assistance. If a member district

needs a backhoe, generator or pump truck during an emergency, a system is already in place to communicate and coordinate meeting that need, which can include assistance, reimbursement, worker's compensation, insurance, liability and dispute resolution. We participate in a county-wide communications net to ensure that we can speak to our neighbors in emergencies.

On the cyber security side, NUD belongs to a number of different organizations, including the Department of Homeland Security's Fusion Center, FBI's Infraguard, and US-CERT (Computer Emergency Readiness Team). These organizations join together to share security information for the electronic world we live in.

On the financial front, NUD (along with many other districts and agencies) uses the King County Treasury for many of our banking services. The money paid to NUD for its water and sewer services is pooled with the other King County agencies. When we pay bills and meet payroll, that money comes from the account the county holds for NUD. This significantly reduces the banking costs that NUD would otherwise have to bear.

Public outreach on issues such as conservation is a regional effort. For over ten years, NUD has sponsored award-winning water education programs in schools. We also actively support local community events, such as Kenmore's Summer Fair, not only to support our neighboring municipalities, but to share helpful information and materials with our common consumers.

We communicate closely with the municipal governments on joint projects that may affect our systems. When an agency plans major road projects, if we have a water system or sewer lines in that road, we try to coordinate the work, so the road is only torn up once. At times, it is most efficient to even use the same contractor.

This is only a partial picture of how the community of your governmental agencies work together on your behalf, and the role that the Northshore Utility District plays. We are a special purpose district, but work with many other organizations. We strive to be your "special" district, too. 💧

DISASTERS DON'T PLAN AHEAD. YOU CAN.



As we extend our support to those devastated by Hurricanes Harvey and Irma, we can also use the moment to check our own readiness to face a disaster.

In the Northwest, we face heavy winter storms with possible flooding and power outages, as well as the looming possibility of a major earthquake. Taking steps to prepare now could make all the difference for your safety and your loved ones during an emergency.

Keys to personal, family and community preparedness, from www.ready.gov:



GET INFORMED about the emergencies that can affect our area. Sign up for local and regional emergency alerts.



MAKE A PLAN + PRACTICE how you will communicate and meet up with loved ones.



READY EMERGENCY SUPPLIES including 3 days of food and water, medical, personal and pet supplies.



GET INVOLVED—in a major disaster, we will need each other. Consider joining a local CERT (Community Emergency Response Team) to train in basic disaster support.

We've compiled resources to help you get started at www.nud.net/prepare. For more in-depth information on each step above, visit www.ready.gov. 💧

**Northshore
Utility District
Board of
Commissioners**

Don Ellis,
President

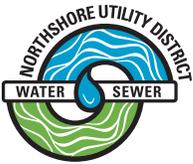
Matt Breyse,
Board Secretary

Bruce Gardiner,
Commissioner

Robert Peterson,
Commissioner

Trudy Rolla,
Commissioner

Board of
Commissioner
Meetings
are held at the
District Office
on the first and
third Monday
of each month
at 5:30 p.m.
(except holidays)



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**Connect with NUD
socially to make
sure you get:**

- ✓ Emergency updates
- ✓ Tips on saving money, conserving water, and protecting your pipes
- ✓ Info and updates on projects that may affect your area



PROJECT SPOTLIGHT

Norway Hill Tank Recoating

Northshore Utility District owns and operates a large water storage reservoir in the Norway Hill neighborhood, located north of the Tolt Pipeline and just east of 104th Ave NE. The reservoir is a five-million-gallon steel structure that was originally constructed in 1991. The interior and exterior paint on this reservoir had reached the end of its service life and needed to be removed and replaced. With this in mind, the District undertook a project to recoat the reservoir starting in January 2017.

A fully cleaned, recoated Norway water tank interior—fit to supply five million gallons of water.



Recoating a potable water reservoir of this magnitude is a long and complicated process. All of the existing paint has to be sandblasted off and then the bare steel must be recoated, following careful processes to protect the environment. In addition, this reservoir needed a significant amount of welding work to prevent future corrosion on the roof of the structure.

In total, crews sandblasted and repainted about three acres of steel and almost two miles of welding, at a cost to the District of approximately \$1.7 million. 💧

Emergency Water Win

If a major emergency event damaged the water system, you could be without water for days. Every home needs an emergency water supply—at least three gallons per person/pet.

Two easy ways to build yours:



1. Buy commercially bottled water, then rotate through every six months to one year.
2. Store tap water in your own safe containers and replace yearly—make it part of your annual emergency plan practice.

Steps to creating and storing your water supply safely are at www.nud.net/prepare.



Your water can win!

To support your emergency water preparedness efforts, NUD is running a contest to give away 30 LifeStraws®—portable water filter straws that can help make untreated water safe to drink.*

Contest rules: To participate in the contest, post a picture of your home's emergency water supply to NUD's Facebook page, or email it to emergencywater@nud.net. We will run the contest for three months and randomly choose 30 LifeStraw® winners among eligible participants. One eligible entry per household. 💧

*NUD does not promote or endorse the LifeStraw® product and cannot be held liable for its product claims. LifeStraw® users are advised to follow manufacturer instructions when using.

Backflow Devices Prevent Water Contamination

Your safe, clean drinking water follows a normal direction—from the water main into your home pipes. But in unusual instances, this normal flow direction can be reversed, so that what's in your private plumbing can potentially enter the public drinking water supply.

This is called backflow, and you don't want it to happen. Stagnant water and sludge sitting in fire sprinkler systems, chemicals and animal waste that can enter an irrigation system, bacteria in medical facilities: imagine these making their way into your water glass. Or your neighbors'.

Backflow prevention devices installed on water system connections (called "cross-connections") prevent any intermixing with the public drinking water supply. Federal and state law require them—and their annual test—for any system directly connected to the water supply, at homes or businesses, that poses a risk to drinking water safety. This law is for all of our protection.

You can learn more about what causes backflow and how to safeguard your home with the right backflow device at www.nud.net/backflow. 💧

Do you need a backflow prevention device at your home?

Backflow devices are required for connected systems that pose potential hazard to the drinking water supply. The most common systems include:



Questions about what type of device you need? Contact (425) 398-4419 or waterquality@nud.net.

