



Settlement Agreement Regarding Uses of Groundwater on the Lummi Peninsula:

What State Water Users Need to Know **ABOUT METER INSTALLATION**

Dear State Water User:

December 2009

The final appeals to the Lummi Peninsula Settlement Agreement were resolved on 12/11/2009 and all aspects of the Agreement are now in effect. **This includes the requirement for all existing non-metered wells in the Case Area to install a water meter within 180 days.** Please note: there are specific requirements regarding the type of meter you install and how you install it.

This handout provides information on:

- * The type of meter you need to install.
- * Where to purchase your meter.
- * Installation and permitting requirements.
- * Funding for low income State Water Users.

Please read through this information thoroughly. For more information visit our website at <http://www.ecy.wa.gov/>. For specific questions relating to the Lummi Settlement or for additional technical assistance, contact Ecology's Water Master, at (360) 715-5200.

*****FREQUENTLY ASKED QUESTIONS*****

Are there meter requirements?

Yes. You need to install a Neptune E-Coder)R900i water meter. This meter is part of an automatic meter reading (AMR) radio-read system. This system allows Ecology staff to drive by your meter and receive the meter readings remotely. The meter also allows you to visually read the meter.

If I have an existing water meter do I need to purchase the Neptune E-Coder)R900i ?

Meters installed prior to 12/11/2009 may continue to be used for as long as the meter continues to operate reliably and accurately. However, if you use an existing meter, you are responsible to monitor your own use. Ecology will not regularly read it for you. Joint inspections/meter readings with both Ecology and Lummi Nation staff may occur, in accordance with the Settlement Agreement (Section V.H.3.a).

When do I have to install the meter?

All existing non-metered wells in the Case Area must install a water meter by **June 9, 2010**.

All new wells or new hook-ups to existing wells (such as those permitted under Exhibit D of the Settlement Agreement) must have a meter installed prior to any beneficial use of the well water.

Where can I get a meter?

You can purchase your meter from any of the following locations:

HD Supply	Lummi Water & Sewer District*	Ferguson Water Works
3735 Irongate Bellingham WA 98226	2156 Lummi View Dr Bellingham WA 98226	2010 Park Ln Burlington WA 98233
(360) 734-4210	(360) 758-7167	(360) 707-2030

* The Lummi Water & Sewer District uses these same meters and purchases them at a bulk discount price. In the spirit of cooperation, they've offered to sell their spare meters to State Water Users at their group discounted price.

Meter purchasing information updated March 2010

Are there installation or permit requirements?

Yes. Meters must meet the installation standards set by the meter manufacturer and by Ecology in order to function correctly. This handout includes a copy of the installation design requirements on page 4.

Additionally, the Lummi Nation notified Ecology that you must apply for and receive a no-cost Land Use Permit prior to installing the meter. Please contact Lummi Planning Department at (360) 384-2307 for additional information.

Will Ecology install my meter for me?

No. You are responsible to hire a plumber or other qualified installer. Make sure that you provide your plumber/installer with a copy of these design requirements when explaining how you want your meter installed.

How much will it cost to install a meter?

The price of the meter installation varies. It depends on several things, such as: your water pipe size, your landscape, and a number of other site-specific factors. In order to reduce costs, consider getting at least two estimates or bids from different installers. Also, you may want to join with other neighboring State Water Users and negotiate a group discounted rate with the same installer.

What if I can't afford to install a meter?

Low income State Water Users may qualify for financial assistance. Contact Ecology's Water Master at (360) 715-5200 for additional information.

My neighbor and I share a well, do we both need to install a meter?

Yes. If you share a well with 3 or fewer connections, you have a Small Well. Each homeowner using a Small Well must install their own meter on the portion of the water line serving only their residence.

Do I need a meter if I am part of a water association?

Only if you belong to the Kel (Bel) Bay Water Association. Each member of the Kel (Bel) Bay Water Association must install their own individual meter on their individual portion of the water line

If you belong to any other association, the association is responsible for metering the well or wells.

Do I need to contact Ecology after I have my meter installed?

Yes. Contact Ecology's Water Master, at (360) 715-5200 to set up a time for her to complete a site visit to inspect your meter installation and to activate your meter's automated meter reading capabilities.

How will my meter be read?

If you install a Neptune E-Coder)R900i Ecology staff will read your meter approximately monthly in an effort to notify you in a timely manner of potential leaks, overuse, or the potential for overuse. The new meters will be part of an Automated Meter Reading (AMR) system. This system transmits your meter reading to an electronic hand-held device that Ecology staff will use. In most cases, staff only need to drive by your meter to receive the meter reading. If your meter is obstructed or not functioning properly, staff may need to drive onto your property to get the electronic reading or manually read your meter. Staff will wear identification at all times.

If you previously installed a meter, you are responsible to monitor your own use. You will need to read and record your water use *at the end of each month* and submit your meter readings to Ecology each November 1st with your Annual Well Report.

On occasion, joint inspections/meter readings with both Ecology and Lummi Nation staff will occur for both new and existing meters, in accordance with the Settlement Agreement (Section V.H.3.a).

How will I know how much water I'm using?

With an existing or new meter, you can visually read the meter to calculate your water use. You can also contact Ecology's Water Master at (360) 715-5200 for previously collected meter reading data.

What will happen if I use more than my allotted share of water?

If you use a Small Well (3 or fewer connections) and your total water use from Oct 1—Sept 30 exceeds 0.39 acre-ft, you can pay to use additional water. Until the Lummi Nation determines that it requires all of its allocation, the Nation agreed to allow Small Well owners to purchase additional quantities of water from the Nation's allocation. Those exceeding their allocation can expect to receive an end-of-the-year billing from the Lummi Nation for the additional water. Please refer to Section V.H.2(c) of the Settlement Agreement for billing rate information.

Supply Well users may not exceed their respective allocations and cannot pay the Nation for additional quantities of water.

What if my meter breaks or doesn't work?

You must repair or replace your meter promptly if it no longer functions accurately or reliably. Providing a copy of the design standards to your meter installer will help ensure that your meter is installed correctly and therefore functions correctly. If you replace a previously installed meter you must replace it with a Neptune E-Coder)R900i water meter.

Since the Lummi Water District uses the same type of meters, can they read my meter?

Even though State Users and the District use the same type of meter, each system functions independently from the another. This means that Ecology's meter reading equipment can only read State Water User's meters and the Lummi Water District's meter reading equipment can only read Lummi Water District meters. However, joint inspections/meter readings with both Ecology and Lummi Nation staff may occur, in accordance with the Settlement Agreement (Section V.H.3.a).

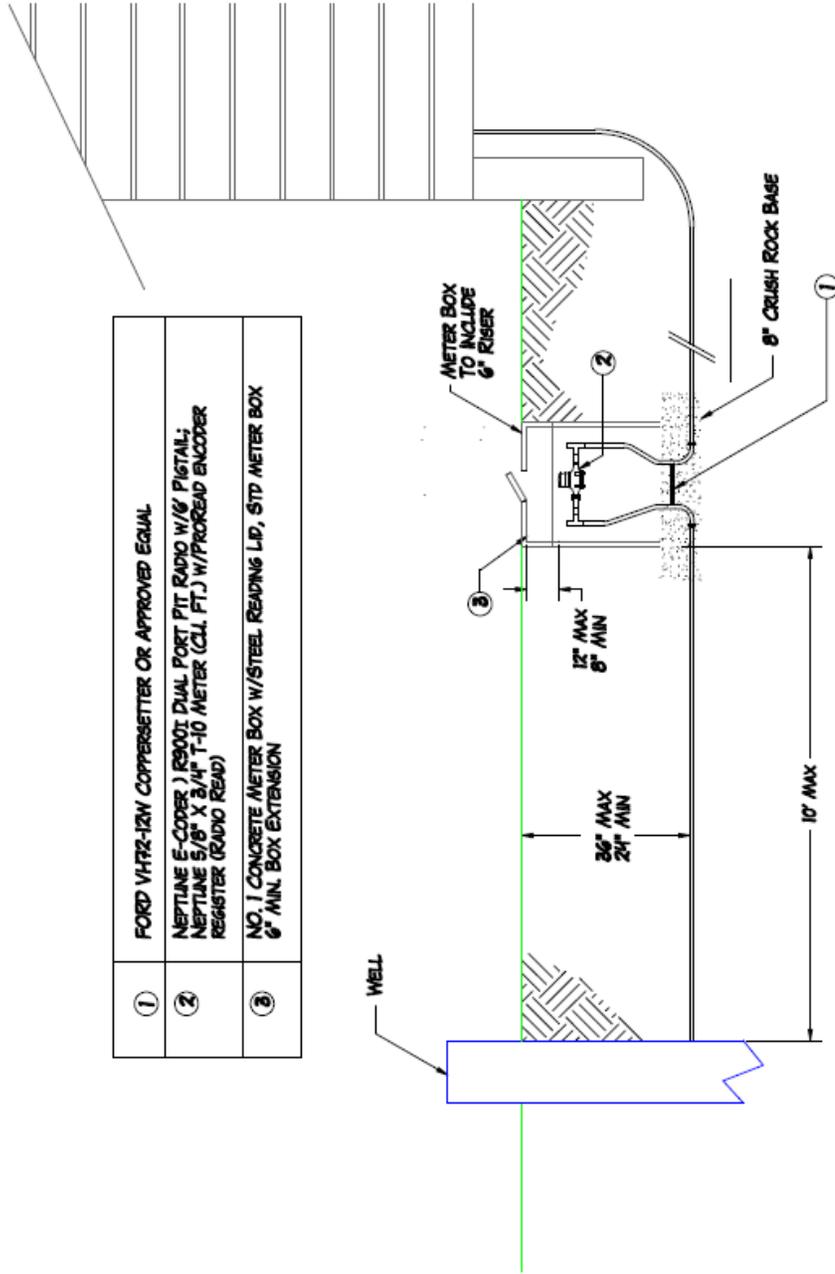
What if I have other questions?

Contact Ecology's Water Master, at (360) 715-5200.

①	FORD VFRZ-12W COPPERSETTER OR APPROVED EQUAL
②	NEPTUNE E-CODER) RS001 DUAL PORT FIT RADIO W/6" PIGTAIL; NEPTUNE S/8" X 3/4" T-10 METER (CL. FT.) W/PROREAD ENCODER REGISTER (RADIO READ)
③	NO. 1 CONCRETE METER BOX W/STEEL READING LID, STD METER BOX 6" MIN. BOX EXTENSION

GENERAL NOTES

1. DETAIL MAY BE MODIFIED ONLY PER ECOLOGY APPROVAL.
2. DETAIL REPRESENTS STANDARD INSTALLATION FOR SMALL (< 3 CONNECTIONS) WELLS & MAY BE ADJUSTED FOR SUPPLY (> 3 CONNECTIONS) WELLS OR OTHER NON-CONFORMING SMALL WELLS.
3. WELL DRAWING DOES NOT REPRESENT WELL CONSTRUCTION STANDARDS.



TYPICAL WATER METER SERVICE DETAIL FOR 3/4" X 5/8" - 1" METERS