

## INSTRUCTIONS FOR THE SAMPLING OF DRINKING WATER

**At our Lohja laboratory we accept water samples for analysis on Mon–Thu at 8–15.30 (not on Fridays or eves).**

**At our Raasepori facility (Raaseporintie 37), we accept samples and serve customers on Mondays at 9–10.**

**NOTE!** We always give information about exceptional opening hours at our Internet main page ([www.luvylab.fi](http://www.luvylab.fi)).

With the samples, submit a filled order form. Depending on the package and/or the analyses chosen, it takes from one to four weeks until the results are ready and reported.

### AMOUNT OF WATER AND SAMPLING BOTTLES NEEDED FOR THE SET PACKAGES

- Utility analysis for a dug well, compendious well water analysis, as well as small business package: 0.5 L (sterile bottle) + 1 L (plastic bottle)
- Utility analysis for a drilled well, and extended utility analysis for (a new) drilled well: 0.5 L (sterile bottle) + 1 L (plastic bottle) + 1 L (glass bottle; radon)
- Microbiological analysis (bacteria): 0.5 L (sterile bottle)
- Corrosivity characteristics study: 1 L (plastic bottle)

**Sampling bottles can be picked up from the Lohja laboratory during weekdays at 8–16, and from our Raasepori service point on Mondays at 9–10. Upon request, and of charge, we can also mail sampling sets.**

### SAMPLING

Take the samples in the order of bacteria (0,5 L sterile), radon (1 L glass), and the rest (1 L plastic). If water is piped into a residential building, sample is usually taken from the kitchen tap. Should you need to take the sample from an outdoor tap/hose, follow the below instructions wherever applicable. Cleaning of the tap/hose end is important.

#### FROM THE TAP

- Prior to taking the water samples, remove the aerator/sieve from the tap end and clean the tap thoroughly. Wash your hands carefully, and if you want, even disinfect the tap end (pure alcohol + flaming). Let the water run from the cold side until evenly cold (at least 3–5 min).
- **Bacteria sample:** Within the sterile bottle, leave air space of the height of the bottle's neck. Let no gear or your hands touch the bottle mouth, nor the interior of the cap.
- **Radon sample:** Adjust running speed so low that the water does not foam but appears very clear. Slowly pour the water down the side of the bottle so that no air is mixed within the water. Fill the bottle completely leaving no air space. Enter exact time of sampling into the order form as well as the sticker on the bottle.
- **Other analyses:** Leave air space of a few centimeters' height of the bottle (to enable shaking).

#### STRAIGHT FROM A DUG WELL

- Make sure your dish is clean. Throw away the first cup lifted and take the samples from the next lift.
- Pour the sample into the bottles directly from the cup lifted. Let no gear or your hands touch the bottle mouth, nor the interior of the cap. Leave about a neck's height of air space in the bacteria bottle.

### DELIVERY OF SAMPLES INTO THE LABORATORY

Samples should be delivered fresh, preferably on the day of sampling, and no later than 20 hours after sampling. Keep the samples cool and protected from light.