

INSTRUCTIONS FOR THE SAMPLING OF DRINKING WATER

Our laboratory receives drinking water samples for analysis on Mon–Thu at 8–15.30 (not on Fridays or eves). Other possible reception points follow their own schedules. Samples are to be submitted with a filled order form.

As the analyses are completed, the laboratory will send the results with a statement as well as an invoice to an address specified. Depending on the analyses, it takes from two days to four weeks to get the whole set of results.

AMOUNT OF WATER AND SAMPLING BOTTLES NEEDED

- Utility analysis, concise well water analysis, corrosivity study and/or small business package: 0.5 L (sterile bottle) + 1 L (glass or plastic bottle)
- Microbiological analysis (bacteria): 0.5 L (sterile bottle)
- Radon analysis: 1 L (glass bottle)

Sampling bottles may be fetched from the laboratory during weekdays at 8–16. Upon request, we also mail sampling sets.

SAMPLING

Samples are to be taken in the order of radon, bacteria, and other analyses.

FROM THE TAP

- Prior to taking the water samples, remove the aerator/mixer/sieve from the tap end and clean the tap thoroughly. Wash hands carefully, and then disinfect the tap end e.g. by flaming. Run water from the cold side until evenly cold (3–5 min).
- **Radon sample:** Adjust running speed so low that the water does not foam but appears very clear. Strain slowly via bottle side 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.
- **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.
- **Other analyses:** Fill the sampling bottle completely.

STRAIGHT FROM THE WELL

- 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.

DELIVERY OF SAMPLES INTO THE LABORATORY

Samples should be delivered on the day of sampling. Keep the samples cool and protected from light. Samples must not be older than 24 h.