

**The Appendix is an integral part of
Certificate of Accreditation No. 589/2020 of 01/10/2020**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

ENKI, o.p.s.
ENKI, o.p.s. – Testing Laboratory
Dukelská 145, Třeboň I, 379 01 Třeboň

The Laboratory is qualified to carry out independent sampling.

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.	Determination of dry residue by gravimetry and water content by calculation from the measured values ³	SOP 02 (ČSN ISO 11465, ČSN EN 12880)	Sediment and solid materials (soil, turf, sand)
2.	Determination of the loss on ignition by gravimetry	SOP 03 (ČSN EN 12880, ČSN EN 15169)	Sediment and solid materials (soil, turf, sand)
3.	Determination of total carbon (TC) and inorganic carbon (IC) using NDIR detector 2) and determination of total organic carbon (TOC) and dissolved organic carbon (DOC) by calculation from the measured values	SOP 05 (ČSN EN 1484)	Drinking, surface, bathing water and extract (water extract of soils, turf, sand and sediment)
4.	Determination of ammonium nitrogen by flow analysis and spectrometric detection and ammonia by calculation from the measured values	SOP 08 (ČSN EN ISO 11732)	Drinking, surface, bathing water and water extract (water extract of soils, turf, sand and sediment)
5.	Determination of nitrate nitrogen and total nitrogen by flow analysis and spectrometric detection; and nitrates by calculation from the measured values	SOP 09 (ČSN EN ISO 13395, ČSN EN ISO 11905-1)	Drinking, surface, bathing water and extract (water extract of soils, turf, sand and sediment)
6.	Determination of orthophosphate and total phosphorus by flow analysis and spectrometric detection; and phosphates by calculation from the measured values	SOP 10 (ČSN EN ISO 15681-1, ČSN EN ISO 6878)	Drinking, surface, bathing water and extract (water extract of soils, turf, sand and sediment)

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
7. *	Preliminary sensory analysis	SOP 13 (TNV 757340)	Drinking, surface and bathing water

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes).

³ dry residue = dry matter at 105°C

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
1	Sampling of bottom sediments and solid materials – manual sampling	SOP 01 (ČSN EN ISO 5667-1, ČSN ISO 5667-12, ČSN EN ISO 5667-15, ČSN EN 14899, Regulation 275/1998 Coll., as amended)	Sediment and solid materials (soil, turf, sand)
2	Surface water sampling	SOP 04 (ČSN EN ISO 19458, ČSN EN ISO 5667-1, ČSN EN ISO 5667-3, ČSN ISO 5667-4, ČSN EN ISO 5667 – 6, ČSN EN ISO 5667-14)	Surface water
3	Bathing water sampling	SOP 11 (ČSN EN ISO 5667-1, ČSN EN ISO 5667-3, ČSN ISO 5667-4, ČSN EN ISO 5667-6, ČSN EN ISO 5667-14, ČSN 75 7717, ČSN EN ISO 19458, Regulation No. 238/2011 Coll., as amended)	Bathing water (natural bathing places)

¹ If the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest edition of the specified procedure is used (including any changes).