



**Short Forms Programme of Proficiency testing schemes for 2018  
for external participant**

**Field of chemical methods**

| no.                                                                                                                | Name, date                           | Parameters at a concentration level of drinking and surface water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                |                   |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
| 1                                                                                                                  | <b>MPS-SAA-4/2018</b><br>17.4.2018   | <b><u>Trace inorganic analysis:</u></b><br><b><u>synthetic samples:</u></b><br>Al, As, B, Cd, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Zn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                   |
| 2                                                                                                                  | <b>MPS-ZPV-4/2018</b><br>17.4.2018   | <b><u>Basic chemical analysis:</u></b><br><b><u>synthetic samples:</u></b><br>Ammonium (NH <sub>4</sub> <sup>+</sup> ), Biochemical Oxygen Demand (BOD <sub>5</sub> ), Bromate (BrO <sub>3</sub> <sup>-</sup> ), Chemical Oxygen Demand (COD <sub>Cr</sub> ), Fluoride (F <sup>-</sup> ), Chlorite (ClO <sub>2</sub> <sup>-</sup> ), Nitrate (NO <sub>3</sub> <sup>-</sup> ), Nitrite (NO <sub>2</sub> <sup>-</sup> ), Organic Nitrogen (N <sub>org</sub> ), Orthophosphate (PO <sub>4</sub> <sup>3-</sup> ), Total Nitrogen (TN), Total Phosphorus (TP), Total Suspended Solids at 105°C (TSS <sub>105</sub> ) |                                |                   |
| 3                                                                                                                  | <b>MPS-HBR-4/2018</b><br>17.4.2018   | <b><u>Hydrobiological analysis:</u></b><br>Analysis of benthic invertebrates, Analysis of benthic diatoms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |                   |
| 4                                                                                                                  | <b>MPS-SOA-10/2018</b><br>23.10.2018 | <b><u>Trace organic analysis:</u></b><br><b><u>synthetic samples:</u></b><br><b>PCB:</b> PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180<br><b>PAU:</b> anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, benzo[ghi]perylene, fluoranthene, phenanthrene, indeno[1,2,3-cd]pyrene,<br><b>OCP:</b> lindane, hexachlorbenzene, heptachlor, DDT, metoxychlor                                                                                                                                                                                                                             |                                |                   |
| <b>WRI organizer of PTs reserved right for potencial modification parameters or dates in separate round of PTs</b> |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                   |
|                                                                                                                    | <b>Date:</b>                         | <b>Appointment:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Name:</b>                   | <b>Signature:</b> |
| <b>Developed:</b>                                                                                                  | 9.1.2018                             | coordinator PTs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ing. Angelika Kassai, PhD.     |                   |
| <b>Examined:</b>                                                                                                   | 9.1.2018                             | deputy of coordinator PTs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RNDr. Jana Tkáčová, PhD.       |                   |
| <b>Approved:</b>                                                                                                   | 9.1.2018                             | director of SNWRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RNDr. Jarmila Makovinská, CSc. |                   |