

Short Forms Programme of Proficiency Testing Scheme for 2023 (for external participant)		
Field of chemical methods		
no.	Name, designation and date of PT	Parameters at a concentration level of surface water
1	<b>Metals and trace elements analysis</b>  <b>MPS-SAA-4/2023</b> 18.4.2023	<u><i>synthetic samples:</i></u> Al (Aluminium) As (Arsenic) B (Boron) Ba (Barium) Cd (Cadmium) Co (Cobalt) Cr (Cromium) Cu (Cooper) Fe (Iron) Hg (Mercury) Mn (Manganese) Ni (Nickel) Pb (Lead) Sb (Antimony) Se (Selenium) V (Vanadium) Zn (Zinc)
no.	Name, designation and date of PT	Parameters at a concentration level of drinking and surface water
2	<b>Basic chemical analysis</b>  <b>MPS-ZPV-4/2023</b> 18.4.2023	<u><i>synthetic samples:</i></u> Ammonium ( $\text{NH}_4^+$ ) Biochemical Oxygen Demand ( $\text{BOD}_5$ ) Bromate ( $\text{BrO}_3^-$ ) Chemical Oxygen Demand (COD) Chlorite ( $\text{ClO}_2^-$ ) Chlorate ( $\text{ClO}_3^-$ ) Fluoride ( $\text{F}^-$ ) Nitrate ( $\text{NO}_3$ ) Nitrite ( $\text{NO}_2$ ) Orthophosphate ( $\text{PO}_4^{3-}$ ) * <b>Permanganate index (<math>\text{COD}_{\text{Mn}}</math>)</b> Silicates ( $\text{SiO}_2$ ) Total Nitrogen (TN) Total Phosphorus (TP) Total Suspended Solids at 105°C ( $\text{TSS}_{105}$ )

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no.	Name, designation and date of PT	Parameters at a concentration level of drinking and surface water
3	<b>Radiochemical analysis</b>  <b>MPS-RR-10/2023</b> 24.10.2023	<u><i>synthetic samples:</i></u> total activity alpha, total activity beta, activity concentration of: $^{222}\text{Rn}$ , $^{226}\text{Ra}$ , $^3\text{H}$ , Unat, ** $^{238}\text{U}$ , $^{234}\text{U}$
4	<b>Trace organic analysis</b>  <b>MPS-SOA-10/2023</b> 24.10.2023	<u><i>synthetic samples</i></u> <b><i>Polychlorinated Biphenyls:</i></b> PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180 <b><i>Polycyclic Aromatic Hydrocarbons:</i></b> anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(ghi)perylene, fluoranthene, phenanthrene, indeno(1,2,3-c,d)pyrene, <b><i>Organochlorine Pesticides:</i></b> lindane, hexachlorbenzene, heptachlor, DDT, metoxychlor

**Note:**

\* *parameter added at the request of costumers*

\*\**new parameter added to programme PTs*

*WRI organizer of PTs reserved right for potencial modification  
parameters or dates in separate round of PTs*

	<b>Date:</b>	<b>Appointment:</b>	<b>Name:</b>	<b>Signature:</b>
<b>Developed:</b>	6.7.2023	coordinator PTs	Ing. Angelika Kassai, PhD.	
<b>Examined:</b>	6.7.2023	deputy of coordinator PTs	RNDr. Jana Tkáčová, PhD.	
<b>Approved:</b>	12.7.2023	head of SNWRL	Ing. Michal Kirchner, PhD.	