

SOIL & SEDIMENT						
Test	Holding Time		Containers		Notes	
	O.Reg. 153/04	CCME (2016)	O.Reg. 153/04	CCME (2016)		
INORGANICS IN SOILS AND SEDIMENTS	Chloride, Conductivity	30 days as received; Indefinite after lab drying		Glass, HDPE or PET	Glass jar, Teflon lined lid, HDPE, PET, PP	No field preservation required. PET bags accepted under both regulations.
	Cyanide (CN-)	14 days		Glass jar, Teflon lined lid	Glass jar, Teflon lined lid, HDPE	Protect from light.
	Fraction Organic Carbon (FOC)	28 days as received; indefinite after lab drying		Glass jar, Teflon lined lid	Glass jar, Teflon lined lid, HDPE, PET, PP	No field preservation required.
	Hexavalent Chromium	30 days as received	30 days as received; 7 days to analyze extract	Glass jar, HDPE	Glass jar, Teflon lined lid, HDPE	No field preservation required.
	Metals, SAR, HWS Boron	180 days as received; indefinite after lab drying		Glass jar, HDPE	Glass jar, Teflon lined lid, HDPE	No field preservation required.
	Mercury, Methyl mercury	28 days		Glass, HDPE or PET	Glass jar, Teflon lined lid, HDPE	No field preservation required.
	pH	30 days as received	30 days as received; Indefinite after lab drying	Glass, HDPE or PET	Glass jar, Teflon lined lid, HDPE, PET, PP	No field preservation required. PET bags accepted under both regulations.
	Particle Size	-	30 days as received; Indefinite after lab drying	-	Glass jar, Teflon lined lid, HDPE, PET, PP	No field preservation required.
	Elemental Sulphur	-	30 days as received; 7 days to analyze extract	-	Glass jar, Teflon lined lid, HDPE	No field preservation required.
ORGANICS IN SOILS AND SEDIMENTS	BTEX, PHCs (F1), THMs and VOCs	14 days for field preserved samples; the methanol extracts are stable for 40 days; 48 hours for hermetic devices	40 days methanol extract; 14 days for NaHSO4 extract; 48 hours for hermetic devices	40-60mL Methanol vial (pre-weighed) + glass jar for MC; hermetic samplers are an acceptable alternative	40-60mL Methanol vial (pre-weighed) + glass jar for MC; hermetic samplers are an acceptable alternative; the use of NaHSO4 is an acceptable alternative for low-level VOCs	NaHSO4 suitable alternative under CCME for low level VOCs; suitable alternative under O.Reg.153 only for bromomethane.
	1,4-Dioxane	May be sampled / analyzed as a VOC or ABN				If analyzed as a VOC, methanol or NaHSO4 are suitable preservatives; if analyzed as an ABN, no preservation required.
	PHCs F2-F4	14 days	14 days to extract; 40 days to analyze extract	Glass jar, Teflon lined lid	Glass jar, Teflon lined lid	No field preservation is required.
	ABNs, CPs, OCs, PAHs, Pesticides & Herbicides	60 days	14 days to extract; 40 days to analyze extract	Glass jar, Teflon lined lid	Glass jar, Teflon lined lid	No field preservation is required.
	Dioxins & Furans, PCBs	Indefinite storage time		Glass jar, Teflon lined lid	Glass jar, Teflon lined lid	No field preservation is required.
	PFASs	-	14 days to extract; 40 days to analyze extract	-	Glass jar, PE lined lid	No Teflon materials should be used; no field preservation is required.
	Glycols	-	14 days to extract; 40 days to analyze extract	-	Glass jar, Teflon lined lid	No field preservation is required.
Legend: HDPE - high density polyethylene PET - polyethylene terephthalate PP - polypropylene H/LD PE - high / low density polyethylene						

WATER						
Test	Holding Time		Containers		Notes O.Reg. 153/04 & CCME	
	O.Reg. 153/04	CCME (2016)	O.Reg. 153/04	CCME (2016)		
INORGANICS IN WATERS	Chloride, Electrical Conductivity	28 days		Glass or HDPE	Glass or HDPE	No field preservation is required
	Cyanide	14 days		HDPE or glass	HDPE or glass	Must be field preserved - NaOH
	Hexavalent Chromium	28 days if buffer solution is used; 24 hours if preserved with NaOH only		HDPE or glass	HDPE or glass	Must be field filtered for "dissolved"
	pH	28 days	15 minutes (FIELD TEST)	Glass or HDPE	Glass or HDPE	No field preservation is required
	Metals	60 days (field preserved)	180 days (field preserved)	HDPE or Teflon	HDPE or Teflon	HNO3
	Mercury	28 days		glass or Teflon	Glass or Teflon	HCl ; must be field preserved
	Methyl Mercury	28 days		glass or Teflon	glass or Teflon	HCl or H2SO4; do NOT filter
	Ammonia, Nitrate+Nitrite	-	28 days preserved; 3 days unpreserved	-	HDPE or glass	H2SO4 preservation
	Total N, Total P, TKN	-	28 days preserved; 3 days unpreserved	-	HDPE or glass	H2SO4 or HCl preservation
	Fluoride, Sulphate	-	28 days	-	HDPE or glass	No field preservation is required
	Colour, o-Phosphate	-	3 days; laboratory to commence analysis within 48 hrs of receipt	-	HDPE or glass	No field preservation is required
	Reactive chlorine species, Dissolved Oxygen	-	15 minutes (FIELD TEST)	-	HDPE or glass	No field preservation is required
	Solids, TSS, TDS	-	7 days	-	HDPE or glass	No field preservation is required
	Turbidity	-	3 days; laboratory to commence analysis within 48 hrs of receipt	-	HDPE or glass	Protect from light
ORGANICS IN WATERS	BTEX, PHCs (F1), THMs, VOCs	14 days preserved; 7 days unpreserved	14 days preserved; 7 days unpreserved (aliphatics); must preserve for aromatics	40-60mL glass vials, 0-headspace (minimum 2 vials)	40-60mL glass vials, 0-headspace (minimum 2 vials)	NaHSO4 or HCl; CCME - Na2S2O3 if chlorinated water is sampled
	1,4 - Dioxane	May be sampled and analyzed as a VOC or ABN; 14 days preserved or unpreserved		May be sampled and analyzed as a VOC or ABN;		-
	PHCs F2-F4	40 days preserved; 7 days unpreserved	14 days preserved; 7 days unpreserved	Glass, Teflon lined lid	Glass, Teflon lined lid	NaHSO4 or HCl
	ABNs, CP, OCs, PAHs	14 days unpreserved	14 days preserved; 7 days unpreserved	Glass, Teflon lined lid	Glass, Teflon lined lid	Field preservation not mandatory; CCME - NaHSO4; Na2S2O3 if chlorinated water is sampled
	PCBs	14 days unpreserved	Indefinite	Glass, Teflon lined lid	Glass, Teflon lined lid	CCME - Na2S2O3 if chlorinated water is sampled
	Pesticides & Herbicides	-	14 days preserved; 7 days unpreserved	-	Glass, Teflon lined lid	Field preservation not mandatory; CCME - NaHSO4; Na2S2O3 if chlorinated water is sampled
	PFASs	-	14 days preserved; 7 days unpreserved	-	Glass, PE-lined lids	No Teflon to be used when sampling for PFASs
	Dioxins & Furans	Indefinite		Glass, Teflon lined lid	Glass, Teflon lined lid	Field preservation not mandatory; CCME - Na2S2O3 if chlorinated water is sampled
	Glycols	-	14 days preserved; 7 days unpreserved	-	40-60mL glass vials; minimum of 2 vials	CCME - NaHSO4 or HCl

Legend:

HDPE - high density polyethylene

PET - polyethylene terephthalate

PP - polypropylene

H/LD PE - high / low density polyethylene

WATER							
Test	Holding Time		Containers		Notes	Notes	
	MISA (2016)	ODW (2009)	O.Reg. 153/04	ODW (2009)	MISA (2016)	ODW (2009)	
INORGANICS IN WATERS	Chloride, Electrical Conductivity	30 days (Anions); 4 days - Specific conductance	30 days - for chloride	Glass or HDPE	PET or glass	No field preservation required;	No field preservation required
	Cyanide			HDPE or glass	Glass or PET	NaOH preserving solution;	NaOH preservation solution
	Hexavalent Chromium	5 days (unpreserved); 28 days (preserved)	5 days	HDPE or glass	Glass	Buffer solution to pH of 9.3-9.7 for field preservation	No field preservation required
	pH	4 days	14 days	Glass or HDPE	PET	No field preservation required;	No field preservation required
	Metals	30 days	60 days (if field preserved); 14 days (if unpreserved)	HDPE or Teflon	PET or HDPE	No filtration (total metals); HNO3 preserving solution;	Nitric acid preserving solution; can be preserved at the laboratory; Must sit
	Mercury	28 days (HCl preservation); 14 days (alternate preservation)	14 days	glass or Teflon	Glass or PET	HCl (pH <2) recommended method	HCl preservation solution
	Methyl Mercury	-	-	glass or Teflon	-	-	-
	Ammonia, Nitrate+Nitrite	3 days (unpreserved), 14 days (preserved) - NH3 + NH4+; 5 days for NO3 + NO2	7 days - for NH3	-	PET	H2SO4 preserving solution for NH3 and NH4+; No field preservation required for NO3 and NO2;	No field preservation required
	Total N, Total P, TKN	14 days (unpreserved), 30 days (preserved) - Total P; 3 days (unpreserved), 14 days (preserved) - TKN	7 days - for Total P	-	Glass or PET	H2SO4 preserving solution for Total P;	No field preservation required; H2SO4 may be used
	Fluoride, Sulphate	30 days		-	PET	No field preservation required;	No field preservation required
	Colour, o-Phosphate	14 days - Colour; 7 days - O-Phosphate	14 days - for Colour; 7 days - for o-Phosphate	-	PET or glass	No field preservation required;	No field preservation required
	Reactive chlorine species, Dissolved Oxygen	<1 hr - for Total residual chlorine	-	-	-	Protect from light	-
	Solids, TSS, TDS		14 days - for TSS	-	PET or glass	No field preservation required;	No field preservation required
Turbidity	2 days		-	40mL glass vials or PET	No field preservation required;	Protect from light; no field preservation required	
ORGANICS IN WATERS	BTEX, PHCs (F1), THMs, VOCs	7 days (unpreserved); 14 days (preserved)	7 days (unpreserved); 14 days (preserved)	40-60mL glass vials, 0-headspace (minimum 2 vials)	40mL glass vials with Teflon silicon rubber septum; 250mL glass bottles with Teflon foil lined lids	If chlorinated, Na2S2O3; Bisulphate for alternate	Na2S2O3 for chlorinated water; NaHSO4 for raw or non-chlorinated water
	1,4 - Dioxane	-	-	May be sampled and analyzed as a VOC or ABN:	-	-	-
	PHCs F2-F4	7 days (unpreserved); 30 days (preserved)	14 days to extraction; 1 year after extraction	Glass, Teflon lined lid	Glass bottle with Teflon lined lid	HCl (pH <2);	Na2S2O3 preservation solution; Protect from light
	ABNs, CP, OCs, PAHs	30 days	14 days to extraction, 1 year after extraction - for PAHs and ABNs; 14 days to extraction, 40 days after extraction - for OCs and CPs	Glass, Teflon lined lid	Glass bottle with Teflon lined lid	HCl (pH <2);- for PAHs only;no field preservation required for CP, ABNs or OCs	Na2S2O3 preservation solution, Protect from light - for PAHs and ABNs; Protect from light, no field preservation required - for OCs; Na2S3O3 preservation solution, protect from light - for CPs
	PCBs	30 days	20 days to extraction; 40 days after extraction	Glass, Teflon lined lid	Glass bottle with Teflon lined lid	No field preservation required;	Protect from light; No field preservation required
	Pesticides & Herbicides	-	20 days to extraction; 40 days after extraction	-	Glass bottle with Teflon lined lid	-	Na2S2O3 preservation solution
	PFASs	-	30 days until extraction; 1 year after extraction	-	PE / PET	-	No field preservation required
	Dioxins & Furans	30 days	30 days until extraction; 1 year after extraction	Glass, Teflon lined lid	Glass bottle with Teflon lined lid	No field preservation required;	No field preservation required
Glycols	-	-	-	-	-	-	

Legend:
 HDPE - high density polyethylene
 PET - polyethylene terephthalate
 PP - polypropylene
 H/LD PE - high / low density poly

Municipal and Industrial Strategy for Abatement (MISA)			
Test	Holding Time MISA	Containers MISA	Notes
INORGANICS IN WATERS	Chemical Oxygen Demand (COD)	4 days (unpreserved); 30 days (preserved)	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>H2SO4 preserving solution;</i>
	Biochemical Oxygen Demand (BOD)	4 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>Protect from light; no field preservation to be used;</i>
	c-BOD	4 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>Protect from light; no field preservation to be used;</i>
	Total Cyanide	14 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>NaOH preserving solution;</i>
	WAD Cyanide	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>NaOH preserving solution;</i>
	Cyanate	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>NaOH to be used whether analysis by IC or colorimetry;</i>
	Thiocyanate	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>If both cyanate & thiocyanate to be analyzed -> preserve as if for cyanate</i>
	pH	4 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	NH3+ NH4	3 days (unpreserved); 14 days (preserved)	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>H2SO4 preserving solution;</i>
	TKN	3 days (unpreserved); 14 days (preserved)	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>H2SO4 preserving solution;</i>
	NO3+NO2	5 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	Dissolved Organic Carbon (DOC)	3 days (unpreserved); 10 days (preserved)	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>Protect from light; filtration + H2SO4 recommended</i>
	TOC	3 days (unpreserved); 10 days (preserved)	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>H2SO4 preserving solution;</i>
	Total P	14 days (unpreserved); 30 days (preserved)	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>H2SO4 preserving solution;</i>
	Orthophosphate	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	Specific Conductance	4 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	TSS	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	Volatile SS	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	TDS	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	TS	7 days	Glass, plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
	Metals (inc. hydrides)	30 days	Plastic; Teflon, PP, HD/LD PE, PS, glass <i>No filtration (total metals); HNO3 preserving solution;</i>
	Hexavalent Chromium (Cr6+)	5 days (unpreserved); 28 days (preserved)	Glass with plastic lined cap; Teflon with plastic lined cap <i>Buffer solutio to pH of 9.3-9.7 for field preservation</i>
	Mercury	28 days (recommended method); 14 days (alternate method)	Teflon with plastic lined cap; Glass with plastic lined cap <i>HCl (pH <2) recommended method; HNO3 (pH<2) + colour reagent for alternate method</i>
	Total Alkyl Lead	4 days	Glass (amber) with plastic lined cap; Teflon <i>No field preservation required;</i>
	Phenolics (4AAP)	30 days	Glass with phenolic free cap; Teflon with phenolic free cap <i>H2SO4 for recommended method;</i>
	Sulphide	7 days	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>Zinc acetate + NaOH; Zinc acetate + NaCO3</i>
	Chloride	30 days	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>No field preservation required;</i>
	Sulphate	30 days	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>No field preservation required;</i>
	Fluoride	30 days	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>No field preservation required;</i>
	Bromide	28 days	Plastic; Teflon, PP, HD/LD PE, PS, PET <i>No field preservation required;</i>
Total residual chlorine	<1 hr	Amber glass with ground-glass stopper <i>Protect from light</i>	
NDMA	14 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>	
Alkalinity	14 days	Glass or Plastic; Teflon, PP, H/LD PE, PS <i>No field preservation required;</i>	
Colour	14 days	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>No field preservation required;</i>	
Hardness	30 days (if preserved)	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>HNO3 preservation required;</i>	
Turbidity	2 days	Glass or Plastic; Teflon, PP, H/LD PE, PS, PET <i>No field preservation required;</i>	

Legend:
HDPE - high density polyethylene
PET - polyethylene terephthalate
PP - polypropylene
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Municipal and Industrial Strategy for Abatement (MISA)			
Test	Holding Time MISA	Containers MISA	Notes
ORGANICS IN WATERS	Volatiles (Halogenated and non-Halogenated)	7 days (unpreserved); 14 days (preserved)	Glass with Teflon lined septum lid; glass with foil lined cap (0 Headspace) <i>If chlorinated, Na2S2O3; Bisulphate for alternate</i>
	Extractables, Base Neutral	30 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
	Extractables, Acid (Phenolics)	30 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
	Phenoxyacid Herbicides	30 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
	Organochlorine Pesticides	30 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
	Chlorinated SVOCs	30 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
	Dioxins & Furans	30 days	Amber glass with Teflon lined cap; clear glass with teflon lined lid <i>No field preservation required;</i>
	Solvent extractables	7 days (unpreserved); 30 days (preserved)	Amber glass with Teflon lined cap; <i>HCl (pH <2);</i>
	Fatty and Resin Acids	7 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
	Total PCBs	30 days	Amber glass with Teflon lined lid; Teflon with Teflon lined lid <i>No field preservation required;</i>
Microbiology	E. coli	2 hours (unpreserved); 48 hours (preserved)	Sterile plastic or glass <i>Na2S2O3 field preservation</i>
	Total Coliforms	2 hours (unpreserved); 48 hours (preserved)	Sterile plastic or glass <i>Na2S2O3 field preservation</i>
	Fecal Streptococci	2 hours (unpreserved); 48 hours (preserved)	Sterile plastic or glass <i>Na2S2O3 field preservation</i>
	Pseudomonas aeruginosa	2 hours (unpreserved); 48 hours (preserved)	Sterile plastic or glass <i>Na2S2O3 field preservation</i>
Legend: HDPE - high density polyethylene PET - polyethylene terephthalate PP - polypropylene H/LD PE - high / low density polyethylene			

Ontario Drinking Water (ODW)			
Test	Holding Time ODW	Containers ODW	Notes
INORGANICS IN WATERS	Metals	60 days (if field preserved); 14 days (if unpreserved)	PET or HDPE Nitric acid preserving solution; can be preserved at the laboratory; Must sit for 24 hours prior to analysis; NO FILTRATION -- total analysis
	Lead in Plumbing	60 days (if field preserved); 14 days (if unpreserved)	PET or HDPE Nitric acid preserving solution; can be preserved at the laboratory; Must sit for 24 hours prior to analysis; NO FILTRATION -- total analysis
	NO3, NO2, together	7 days	Glass or PET No field preservation required
	Fluoride	30 days	PET No field preservation required
	NTA	30 days	PET No field preservation required
	Cyanide (free)	14 days (if preserved)	Glass or PET NaOH preservation solution
	Mercury	14 days	Glass or PET HCl preservation solution
	Bromate	28 days	PET No field preservation required
	NDMA	10 days until extraction; 28 days after extraction	Glass container with Teflon lined lid Protect from light; no field preservation required
	Alkalinity, pH	14 days	PET No field preservation required
	Ammonia (NH3)	7 days	PET No field preservation required
	Chemical Oxygen Demand (COD)	7 days	PET or glass H2SO4 preservation solution
	Chloride	30 days	PET or glass No field preservation required
	Colour	14 days	PET or glass No field preservation required
	Dissolved Organic Carbon (DOC)	14 days	PET or glass No field preservation required
	Hexavalent Chromium (Cr6+)	5 days	Glass No field preservation required
	Orthophosphate	7 days	Glass or PET No field preservation required
	Silica	14 days	PET No field preservation required
	Sulphate	30 days	PET No field preservation required
	Sulphide	30 days	Glass Zn-acetate + NaOH preservation solution
	TKN	7 days	PET No field preservation required; H2SO4 may be used
	Total Phosphorous	7 days	Glass or PET No field preservation required; H2SO4 may be used
	Total Organic Carbon (TOC)	7 days	40mL glass vials or PET No field preservation required
Turbidity	2 days (analyze as soon as possible)	40mL glass vials or PET Protect from light; no field preservation required	
Total dissolved solids (TSS)	14 days	PET or glass No field preservation required	
Legend: HDPE - high density polyethylene PET - polyethylene terephthalate PP - polypropylene H/LD PE - high / low density polyethylene			

	Test	Holding Time ODW	Containers ODW	Notes
ORGANICS IN WATERS	Volatile Organic Compounds (VOCs)	7 days (unpreserved); 14 days (preserved)	40mL glass vials with Teflon silicon rubber septum; 250mL glass bottles with Teflon foil lined lids	<i>Na₂S₂O₃ for chlorinated water; NaHSO₄ for raw or non-chlorinated water</i>
	Triazine Herbicides	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>Protect from light; No field preservation required</i>
	Carbamate Pesticides	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>H₂SO₄, Na₂S₂O₃ preservation solution</i>
	OC Pesticides	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>Protect from light; No field preservation required</i>
	Total PCBs	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>Protect from light; No field preservation required</i>
	OP Pesticides	14 days to extraction; 50 days after extraction	Glass bottle with Teflon lined lid	<i>Na₂S₂O₃ preservation solution; Protect from light</i>
	PA Herbicides, Chlorophenols	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>Na₂S₂O₃ preservation solution; Protect from light</i>
	Paraquat & Diquat	20 days to extraction; 36 days after extraction	PET, HDPE	<i>Na₂S₂O₃ preservation solution</i>
	Glyphosate	20 days to extraction; 40 days after extraction	PET, HDPE	<i>Na₂S₂O₃ preservation solution</i>
	Diuron	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>Na₂S₂O₃ preservation solution; Protect from light</i>
	Benzo(a)pyrene	20 days to extraction; 40 days after extraction	Glass bottle with Teflon lined lid	<i>Na₂S₂O₃ preservation solution; Protect from light</i>
	Dioxins & Furans (TEQ)	30 days until extraction; 1 year after extraction	Glass bottle with Teflon lined lid	<i>No field preservation required</i>
	Microcystin-LR	21 days until extraction; 28 days after extraction	Glass bottle with Teflon lined lid	<i>Na₂S₂O₃ preservation solution; Protect from light</i>
	Haloacetic Acids (HAA)	28 days	40mL glass vials	<i>No field preservation required</i>
	Total Phenols, 4AAP	30 days	Glass bottle with Teflon lined lid	<i>H₂SO₄ preservation solution; protect from light</i>
	PBDE (polybrominated diphenyl ethers)	30 days until extraction; 1 year after extraction	Glass bottle with Teflon lined lid	<i>No field preservation required</i>
	Extractable Organics (PHCs, PAHs)	14 days to extraction; 1 year after extraction	Glass bottle with Teflon lined lid	<i>Na₂S₂O₃ preservation solution; Protect from light</i>
	PFASs	30 days until extraction; 1 year after extraction	PE / PET	<i>No field preservation required</i>
Microbiology	E. coli	48 hours (preserved)	Sterile plastic or glass	<i>Na₂S₂O₃ field preservation</i>
	Total Coliforms	48 hours (preserved)	Sterile plastic or glass	<i>Na₂S₂O₃ field preservation</i>
	Heterotrophic Plate Count	48 hours (preserved)	Sterile plastic or glass	<i>Na₂S₂O₃ field preservation</i>
Legend: HDPE - high density polyethylene PET - polyethylene terephthalate PP - polypropylene H/LD PE - high / low density polyethylene				