

WATER

Compound Class	Containers	Preservation		Holding Time
		Temp	Other	
PESTICIDES¹	Glass with Teflon lined caps Cool 4°C	Cool <6°C ²	Adjust pH to 5-9 if held longer than 72 hours Store in dark	7 days until extraction, 40 days after extraction
PCBs¹	Glass with Teflon lined caps Cool 4°C	Cool <6°C ²	Store in dark	7 days until extraction, 40 days after extraction
PAH¹	Glass with Teflon lined caps Cool 4°C	Cool <6°C ²	Store in dark If pH ≤ 2, then 14 d hold time (EPA)	7 days until extraction, 40 days after extraction
Other SVOA	Glass with Teflon lined caps Cool 4°C	Cool <6°C ²	Store in dark If pH ≤ 2, then 14 d hold time (EPA)	7 days until extraction, 40 days after extraction
TPH or FINGERPRINT	Glass with Teflon lined caps Cool 4°C	Cool <6°C ²	Store in dark If pH ≤ 2, then 14 d hold time (EPA)	7 days until extraction, 40 days after extraction
VOA¹	VOA vial with Teflon insert cap	Cool <6°C ²	pH < 2 Headspace ≤ 1% of sample	14 days (if acidified) otherwise 7 days
TBT	Polycarbonate	Freeze ≤ -10°C	NA	90 days

SEDIMENT/SOIL

Compound Class	Containers	Preservation		Holding Time
		Temperature	Other	
PESTICIDES PCBS	Glass with Teflon lined caps	Cool <6°C ²	Freeze ≤ -10°C	14 days until extraction; extract holding time 40 days after extraction; holding time 1 year for frozen samples
PAH SVOA		Cool <6°C ²	Freeze ≤ -10°C	14 days until extraction; extract holding time 40 days after extraction; holding time 1 year for frozen samples
VOA		Cool <6°C ²		14 days
TPH or FINGERPRINT		Cool <6°C ²		14 days until extraction; extract holding time 40 days after extraction
TBT		Freeze ≤ -10°C		1 Year
Oil/NAPL	Glass with Teflon lined caps	ambient	Cool <6°C ² For long term	1 Year

¹If Residual Chlorine is present in the sample it must be treated with sodium thiosulfate (Attachment 5).

²Samples stored cool should be above freezing (0°C).