

ATTACHMENT 3

Containers, Preservation Techniques and Holding Times
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Parameter	Container	Preservative ¹	Maximum Holding Time ²
Nitrate + Nitrite	100 ml. poly	Cool 4°C, H ₂ SO ₄ to pH<2	28 days
Ammonia	100 ml. poly	Cool 4°C, H ₂ SO ₄ to pH<2	Record pH and temp. at time of collection 28 days
Base Neutral Pesticides (MDA List 1)	1000 ml. amber glass	Cool 4°C	Follow applicable method holding times
Acid Pesticides (MDA List 2)	1000 ml. amber glass	Cool 4°C, H ₂ SO ₄ to pH<2	Follow applicable method holding times
Pentachlorophenol	1000 ml. amber glass	Cool 4°C, H ₂ SO ₄ to pH<2	7 days until extraction

NOTES:

¹Sample preservation should be performed immediately upon sample collection.

²Samples should be analyzed as soon as possible after collection. The times listed are the **maximum** holding times that samples may be held before analysis and still be considered valid.