














General Chemistry Potable							
Lab	Analysis	Bottle	Bottle Name	Preservative	Sampling Instructions	Storage Instructions	Minimum Sample Required, Exceptional Circumstances only
General Chemistry	Biological Oxygen Demand		1L PET Bottle	None	Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	280mL
	Chemical Oxygen Demand						2mL
	Nutrients (ISP)						4mL
	Suspended Solids						200mL
	UV Transmittance						4mL
General Chemistry	Cyanide		120mL Metals Pot	None	Do not rinse. Fill to 100mL	Refrigerate at 5±3°C	10mL
General Chemistry	Total Organic Carbon		30mL TOC Tube	None	Rinse with water to be sampled and fill to the neck	Refrigerate at 5±3°C	30mL
	Nutrients (ISP)						4mL. Use this container instead of the 1L PET Bottle if Nutrients are required only.
External Chemistry	Anionic Detergents		1L PET Bottle	None	Rinse once with water to be sampled and fill completely. Separate container required if other chemistry tests are needed as sample will be sent to NLS.	Refrigerate at 5±3°C	1L
External Chemistry	Non-ionic detergents		500ML PET Bottle ALS Bottle STL13	None	Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	500ml

<p><b>External Chemistry</b></p>	<p>Cationic Detergents</p>		<p>Amber Glass Bottle ALS Bottle STL22</p>	<p>None</p>	<p>Fill to at least 100ml</p>	<p>Refrigerate at 5±3°C</p>	<p>100ml</p>
<p><b>External Chemistry</b></p>	<p>Tritium Activity</p>		<p>500mL PET Bottle</p>	<p>None</p>	<p>Fill bottle completely</p>	<p>Refrigerate at 5±3°C</p>	<p>500ml</p>

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External Chemistry	Tritium Activity		1L PET Bottle	None	Fill bottle completely	Refrigerate at 5±3°C	1L - The standard container for this test is the 500mL PET Bottle, which is preferred. The 1L PET bottle may be accepted under exceptional circumstances
External Chemistry	Radioactivity		1L Container for Radioactivity	None	Fill completely	Refrigerate at 5±3°C	1L
External Chemistry	Sulphide		60mL Sulphide Bottle	1mL 0.5M Zinc Acetate and 1mL 0.75M Sodium Carbonate must be added	The bottles are date stamped and must be used by the expiry date shown. Do not rinse. Fill bottle until almost full. Add 1mL Sodium Carbonate (0.75M) and mix. Add 1mL Zinc Acetate (0.5M) and mix.	Refrigerate at 5±3°C	60mL
External Chemistry	Radiochemistry		5l Plastic Bottle	None	Fill to top	Refrigerate at 5±3°C	5L
External Chemistry	Radon		500mL Radon Bottle	None	Fill completely. The container, once sealed, should be inverted. The inverted bottle should not show any air. Radon analyses are only accepted on Wednesdays. Samples should not be taken earlier than a Tuesday of any given week.	Refrigerate at 5±3°C	500mL

External Chemistry	Oxidisability		500mL PET Bottle	None	Fill bottle completely	Refrigerate at 5±3°C	500mL
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**Indicates a critical sample - Analysis will be cancelled if sampling criteria is not met**