

**ALS WATERS CONTAINER GUIDE**




Potable Containers:			Waste Containers:			Soil Containers:		
BOTTLE CODE	VOL (ml)	DESCRIPTION	BOTTLE CODE	VOL (ml)	DESCRIPTION	BOTTLE CODE	VOL (ml)	DESCRIPTION
STL 14	1,000	Round, clear PET	STL 13	1,000	Square or Round, Clear PET	STL 2	2,000(g)	Round, Opaque White PP
STL 10	1,000	Round, Clear Glass	STL 17	500	Round, Clear Glass	STL 41	125	Round, Clear Pot
STL 11	1,000	Round, Green PET	STL 18	500	Round, Amber Glass	STL 78	420	Round, Amber Glass
ALE 220	1,000	Round, Green Glass	STL 20	500	Square, Opaque HDPE	STL 81	1.5kg	Round, Opaque White PP
STL 13	1,000	Square or Round, Clear PET	STL 23	250	Round, Clear Glass	STL 470	420	Round, Amber Glass
STL 18	500	Round, Amber Glass	STL 24	125	Round, HDPE Azlon	STL 085	60ml	Round, Amber Glass Jar
STL 19	500	Rectangular, Clear PET	ALS 026	60	Round, Clear Glass			
STL 21	1,000	Round, Clear PET	STL 32	500	Square, Opaque HDPE			
			STL 33	250	Round, Clear Glass			
STL 24	125	Round, HDPE Azlon	STL 34	250	Round, Amber Glass			
STL 30	350	Rectangular, Opaque HDPE	STL 40	100	Round, Clear Glass			
STL 31	10,000	Rectangular, Opaque HDPE	STL 46	250	Round, Amber Glass			
STL 33	250	Round, Clear Glass	STL 51	2 x 40	Round, Clear Glass			
STL 34	250	Round, Amber Glass	STL 70	60	Round, Opaque Plastic			
ALE 246	60	Round Opaque Azlon	STL 71	60	Round, Opaque Plastic			
STL 036	125	Round, Opaque, HDPE Azlon	STL 72	40	Round, Clear Glass			
STL 51	2 x 40	Round, Clear Glass	STL 80	2,000	Rectangular, Opaque HDPE			
STL 53	2 x 40	Round, Amber Glass	STL 97	125	Round, Opaque HDPE			
ALS 058	500	Round, Amber Glass	STL 102	1,000	Square, Clear PET			
ALS 060	100	Round, Amber Glass	STL 112	500	Round, Green Glass			
STL 061	100	Round, Amber Glass	STL 200	250	Round, Clear Glass			
STL 79	40	Round, Amber Glass	STL 465	250	Round, Amber Glass			
STL 83	1,000	Rectangular, Opaque HDPE	STL 480	60	Round, Opaque PP			
VWRI331-0074	1,000	Round, Clear PET	STL 650	125	Round, HDPE Azlon			
STL 101	500	Square, Clear PET	STL 701	2 x 1,000	Square or Round, Clear PET			
STL 103	500	Round, Clear PET	STL 315	30ml	Non-Pyrogenic Container			
STL 105	250	Square, Clear PET	STL 47	250	Round, clear Glass			
ALS 130	60	Round, HDPE Azlon Blue lid	STL 90	2 x 40	Round, Amber Glass			
STL 225	350	Rectangular, Clear PET	STL92	2 x 40	Round, clear Glass			
STL 241	125	Round, Opaque HDPE	STL 061	100	Round, Amber Glass			
STL 305	-	Sterile Swab (MW170)						
STL 430	250	Round, Amber Glass						
STL 436	-	Crypto Module (Xpress)						
STL 436	-	Crypto Module (Fmax)						
STL 555	1,000	Round, Green Glass						
STL 700	1,000	Rectangular, Opaque HDPE						
STL 807	50ml	Round tube						
ALS038	125	Round, Opaque, HDPE Azlon						

Environmental Monitoring Plates:		
BOTTLE CODE	Size (mm)	DESCRIPTION
STL 325	55	TSA Contact Plate
STL 326	55	MEA Contact Plate
STL 327	90	TSA Settle Plate
STL 328	90	RBA Settle Plate
STL 329	90	40ml MEA Plate
STL 331	90	40ml VRBGA plate
STL 332	90	40ml ½ NA plate
STL 333	90	GVPC Settle Plate


Utilities Containers:			Utilities Containers:			CIP3 Containers:		
BOTTLE CODE	VOL (ml)	DESCRIPTION	BOTTLE CODE	VOL (ml)	DESCRIPTION	BOTTLE CODE	VOL (ml)	DESCRIPTION
STL 1	500(g)	Round, Opaque White PP	STL 465	250	Round, Amber Glass	STL 13	1,000	Square or Round, Clear PET
STL 7	10,000	Bladder, Clear	STL 480	60	Round, Opaque PP	STL 18	500	Round, Green Glass
STL 11	1,000	Round, Green PET	STL 555	1,000	Round, Green Glass	STL 23	250	Round, Clear Glass
ALE 220	1,000	Round, Green Glass	STL 700	1,000	Rectangular, Opaque HDPE	STL 24	125	Round, HDPE Azlon
STL 19	500	Rectangular, Clear PET	STL 807	50ml	Round tube	STL 33	250	Round, Clear Glass
STL 2STL 20	500	Square, Opaque HDPE				STL 72	40	Round, Clear Glass
STL 21	1000	Round, Clear PET				STL 90	40	Round, Amber Glass
STL 24	125	Round, HDPE Azlon				STL 101	500	Square, Clear PET
ALS 026	60	Round, Clear Glass				STL 105	250	Round, Clear PET
STL 31	10,000	Rectangular, Opaque HDPE				STL 112	500	Round, Clear Glass
STL 33	250	Round, Clear Glass				STL 113	250	Round, Clear Glass
ALE 246	60	Round Opaque Azlon				STL 115	100	Round, Clear Glass
STL 40	100	Round, Clear Glass				STL 116	500	Round, Green Glass
STL 51	2 x 40	Round, Clear Glass				STL 118	60	Round, Opaque LDPE
STL 53	2 x 40	Round, Amber Glass						
STL 70	60	Round, Opaque Plastic						
STL 71	60	Round, Opaque Plastic						
STL 72	40	Round, Clear Glass						
STL 78	420	Round, Amber Glass						
STL 79	40	Round, Amber Glass						
STL 83	1,000	Rectangular, Opaque HDPE						
VWRI331-0074	1,000	Round, Clear PET						
STL 101	500	Square, Clear PET						
STL 102	1,000	Square, Clear PET						
STL 103	500	Round, Clear PET						
STL 105	250	Square, Clear PET						
ALS 130	60	Round, Opaque PP						
STL 225	350	Rectangular, Clear PET						
STL 226	500	Rectangular, Clear PET						
STL 241	125	Round, Opaque HDPE						
STL 305	-	Sterile Swab (MW102 & MW170)						
STL 430	250	Round, Amber Glass						

Where containers are round, no depth is given as the width is taken as the diameter.




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STL 1 	TYPE LID LINER HEIGHT (mm) WIDTH (mm) DEPTH (mm) SHELF LIFE (mth) FILL LEVEL REFRIGERATE?	CONTAINER WHITE NO 85 117 - - LID N/A	None	<ul style="list-style-type: none"> <li>If sample contains large stones, please fill two sample pots</li> </ul>	<b>General Soil Parameters</b>  <b>Inorganics, Metals</b> One full container is required  ALS Wakefield use only
STL 2 	TYPE LID LINER HEIGHT (mm) WIDTH (mm) DEPTH (mm) SHELF LIFE (mth) FILL LEVEL REFRIGERATE?	CONTAINER WHITE NO 140 170 - - SHOULDER N/A	None		<b>Water Supply sludge samples for various Organic and Inorganic Parameters</b> One full container is required
STL 7 	TYPE LID LINER HEIGHT (mm) WIDTH (mm) DEPTH (mm) SHELF LIFE (mth) FILL LEVEL REFRIGERATE?	CUBITAINER CLEAR NO 240 240 220 - LID N/A	None		<b>Cryptosporidium Analysis</b> One full container is required  ALS Wakefield use only




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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
<p>STL 10</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE PTFE 220 96 - - LID YES</p>	<p>None</p>		<p><b>Dalapon-Sodium</b> One full container is required</p>



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STL 11  STL 21 (can be used as an alternative) as below:   bottle code 109202 can be used an alternative to STL21	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b>	BOTTLE WHITE PTFE 272 81 - - JUST BELOW LID YES	<b>Algae and Zooplankton</b> 10 - 20ml Lugol's iodine solution per litre of sample to be added to the bottle on receipt at ALS (unless already added to bottle by customer at time of sampling.)  <b>Chlorophyll &amp; Phaeophytin</b> None  Non-Hazardous	<b>Algae and Zooplankton</b> <ul style="list-style-type: none"> <li>Samples fixed with Lugol's iodine solution can be transported at ambient temperature.</li> <li>Samples not fixed with Lugol's iodine solution are to be transported and stored at 5±3°C until fixed. To fix, add 10 – 20ml of Lugol's iodine solution per litre using a plastic Pasteur pipette. Recap bottle &amp; invert. If only one bottle is received for Algae/Zooplankton &amp; Chlorophyll/Phaeophytin, mix well &amp; decant approximately 150ml into a separate STL11 container for Algae analysis before adding Lugol's Iodine Solution.</li> </ul> <b>Chlorophyll &amp; Phaeophytin</b> <ul style="list-style-type: none"> <li>Samples to be transported and stored at 5±3°C and in the dark within a box until analysed.</li> </ul>	<b>Algae and Zooplankton</b> One full container is required per analysis  <b>Chlorophyll &amp; Phaeophytin</b> One full container is required
	<b>1 litre amber bottle code 109202</b>	Amber bottle			



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<p>ALE 220</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE <sup>1</sup> PTFE 255 81 - - SHOULDER YES</p>	<p>None</p>	<ul style="list-style-type: none"> <li>Two containers must be supplied for each sample</li> </ul>	<p><b>Organics GCMS Analysis Dioxins</b> One full container is required <b>Trace level Investigative GCMS Organic Compounds</b> Two full containers are required</p>
<p>STL 13</p>  	<p><b>TYPE</b> <b>LID</b> <b>LINER</b>  <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE NO (SQ.) PE FOAM (R)  240 75 75 - LID YES</p>	<p>None</p>	<ul style="list-style-type: none"> <li>This chemistry sample should be taken first unless an RDT metals bottle is required</li> </ul>	<p><b>General Inorganics, Metals excluding Mercury</b> One full container is required <b>CIP Inorganics</b> One full container is required</p>

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STL 14 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE RED YES 250 80 14 MONTHS SHOULDER N/A	Contains 0.8ml of 3% Sodium Thiosulphate <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>This sample should be taken after chemical samples following local procedures</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul> <p>Samples can be stored at ambient conditions</p>	<b>Legionella Analysis</b> One full 1L container is recommended.
STL 17 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 191 80 - - TOP YES	None		<b>Herbicides/Tins to include Acid Herbicides, PCP, Organotins and Sub Ureas</b> One full container is required <b>Metaldehyde</b> One full container is required <b>Herbs/Tins (Environmental)</b> One full container is required

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STL 18 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 195 70 - - SHOULDER YES	None		<b>GCMS Scan Waste</b> One full container is required  <b>CIP 3 GCQTOF suite</b> Two full containers are required
STL 19 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLUE NO 215 70 50 24 SHOULDER YES	1.0ml of 3% w/v Sodium Thiosulphate solution. Equivalent to 0.1ml of 1.8% w/v Na Thio per 100ml Gamma Irradiated  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>This sample should be taken after chemical samples following local procedures</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Bacterial Analysis of Potable Water Samples</b> One full container is required  <b>Microtox, T. Platyrus</b> One full container is required.






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<p>STL 20</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>POT RED PE FOAM 120 75 75 - SHOULDER YES</p>	<p>Gamma Irradiated</p>		<p><b>Waste Micro Analysis (sludge, effluents and surface waters)</b> One full container is required <b>Waste Sludge Inorganic</b> One full container is required <b>Waste Water Bacterial Analysis</b> One full container is required</p>
<p>STL 23</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE RED NO 140 70 - 3 TOP N/A</p>	<p>2ml 50% Manganese Chloride solution &amp; 2ml Alkaline Iodide-Azide solution</p> <p><b>Additional preservative kit required</b></p> <p><a href="#">Dissolved Oxygen sampling instructions</a></p> <p><a href="#">SDS 5 &amp; SDS 6</a></p> 	<ul style="list-style-type: none"> <li>Carefully fill the bottle with sample with minimum aeration</li> <li>Place the stopper in the bottle to displace air and excess liquid, and then remove the stopper</li> <li>Add 2ml Manganese Chloride solution followed by 2ml Alkaline Iodide-Azide solution to each, dispensing the reagents just below the liquid surface</li> <li>Carefully replace the stopper, avoiding inclusion of air bubbles and mix thoroughly</li> </ul>	<p><b>Dissolved Oxygen</b> One full container is required</p>


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STL 24 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PE 115 45 - - SHOULDER YES	None		<b>Potable PFOS</b> One full container is required <i>Subcontracted</i> <b>DWI 47 RAW PFAS</b> 2 full containers are required <b>Nitrification, Resp Inhibition</b> One full container is required <b>Reactive Aluminium</b> One full container of filtered sample is required <b>Low level metals</b> One full container is required (Fixed on receipt if total metals requested) <b>Total Metals</b> One full container is required
ALS 026 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 94 39 - 7 NECK N/A	0.3ml of 0.0167M Potassium Bromate-Bromide solution and 0.3ml of 36.5-38% Hydrochloric Acid solution <a href="#">SDS 9</a> 	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Remove lid only just before sampling</li> <li>Fill bottle slowly</li> <li>Do not rinse</li> </ul>	<b>Mercury Environmental</b> One full container is required

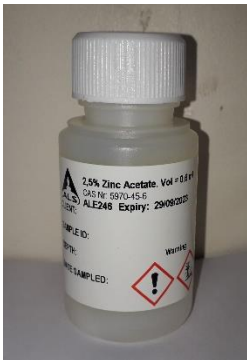

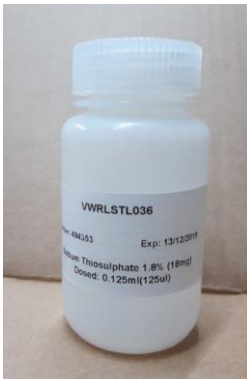
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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 30 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLUE NO 160 70 50 24 SHOULDER YES	0.30ml of 3.5% w/v Sodium Thiosulphate solution. Equivalent to 0.1ml of 1.8% w/v Na Thio per 100ml Gamma Irradiated <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>This sample should be taken after chemical samples following local procedures</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Bacterial Analysis of Potable Water Samples</b> One full container is required
STL 31 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	JERRY CAN BLACK NO 315 225 190 - TOP N/A	None		<b>Cryptosporidium</b> One full container is required
STL 32 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	POT BLACK PE FOAM 120 75 75 - SHOULDER YES	None		<b>Waste Sludge Inorganic</b> One full container is required  YWS bottle code: SLUDGE_POT




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STL 33 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 155 55 - - TOP YES	None		<b>Pesticides to include Phenols, Acid Herbs, Organochlorines, Organophosphorus, Triazines and Moths</b> One full container is required <b>EH</b> One full container is required <b>NVM/Oils</b> One full container is required <b>EPH</b> One full container is required <b>Alkyl Phenols</b> One full container is required <b>Carbonates</b> One full container is required <b>Nitrobenzene</b> One full container is required <b>Oil and Grease</b> One full container is required <b>Glycols</b> One full container is required <b>CIP Pharmaceuticals Suite 1</b> One full container is required






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<p>ALE 246</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE PE 82 38 - 24 NECK YES</p>	<p>0.6ml of 2.5% zinc acetate</p> <p><a href="#">SDS 13</a></p> 	<ul style="list-style-type: none"> <li>Carefully place the sample into the Azlon bottle provided (STL35) with minimum aeration until it is almost full (i.e. to the top of the neck ridge)</li> <li>Mix thoroughly</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<p><b>Potable sulphide</b> One full container is required</p>
<p>STL 036</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE YES   12 MONTHS TOP YES</p>	<p>Contains 0.125ml of 18 mg/l Thiosulphate</p> <p><a href="#">SDS 8</a></p>	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<p><b>Glyphosate</b> One full container is required <b>Quat</b> One full container is required <b>DWI 47 TREATED PFAS</b> 2 full containers are required</p>





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<p>ALS038</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p><b>BOTTLE</b> <b>WHITE</b> <b>YES</b>  <b>12 MONTHS</b> <b>TOP</b> <b>YES</b></p>	<p>None</p>		<p><b>DWI 47 RAW PFAS</b> <b>2 full containers are required</b></p>
<p>STL 34</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p><b>BOTTLE</b> <b>YES</b> <b>YES</b> <b>145</b> <b>58</b> <b>-</b> <b>12</b> <b>SHOULDER</b> <b>N/A</b></p>	<p>Contains 2ml HNO3 40% Nitric Acid <a href="#">SDS 11</a></p> 		<p><b>AOX</b> One Full Container is required</p>

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STL 40 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK PTFE 110 50 - 5 BLUE LINE N/A	2ml of 8M Nitric acid and 0.085M Potassium Dichromate solution <a href="#">SDS 18</a> 		<b>National Laboratory Service            Mercury</b> One full container is required  Supplied by National Laboratory Service (NLS)  Analysis subcontracted to NLS
STL 41 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	POT WHITE NO 70 60 - - SHOULDER N/A	-		<b>Asbestos Identification</b>
STL 46 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 155 55 - 12 TOP YES	250ul of 2.51M Citric Acid and 480ug/l Silver Citrate solution <a href="#">SDS 24</a> 		<b>WFD Acidified Organics</b> One full container is required

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 47 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 155 - 55 5 MONTHS	12.5ml of 6.25% 2-Chloroacetamide in Methanol  <a href="#">SDS 22</a> 		<b>WFD Alkylphenols</b> 1 Full container required.
STL 51 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	VIAL GREEN SEPTA 100 28 - 6 TOP YES	0.5ml Hydrochloric Acid (50% v/v) solution  <a href="#">SDS 10</a> 	<ul style="list-style-type: none"> <li>The vials are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> <li>Ensure no headspace or air bubbles</li> <li>Ensure that the seal is correctly in place inside the lid with the PTFE coated side in contact with the sample liquid</li> <li>Two identical sample vials must be taken for each sample</li> </ul>	<b>VOC</b> Two full vials are required <b>BTEX/MTBE</b> Two full vials are required <b>VPH</b> Two full vials are required <b>Solvents</b> Two full vials are required  YWS bottle code: 40ML_CL_VL







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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 53 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	VIAL GREEN SEPTA 100 28 - 12 MONTHS TOP YES	0.3ml 1% (w/v) Sodium Thiosulphate solution  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>The vials are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> <li>Ensure there is no headspace or air bubbles</li> <li>Ensure that the seal is correctly in place inside the lid with the PTFE coated side in contact with the sample liquid</li> <li>Two identical sample vials must be taken for each sample</li> </ul>	<b>Haloforms &amp; Chlorinated Hydrocarbons. THM, Benzene, BTEX/MTBE</b> Two full vials are required <b>VOC screens</b> Two full vials are required <b>Epichlorohydrin</b> One full vial is required <b>Vinyl Chloride</b> Two full vials are required <b>LC-QTOF Screen</b> Two full vials are required
ALS 058 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK YES PTFE 195  70 12 MONTHS TOP N/A	0.9ml of 10mg/l Sodium Thiosulphate  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Non-Polar Pesticides</b> One full container is required <b>Geosmin &amp; MIB</b> One full container is required <b>Bromophenols</b> One full container is required <b>Acid Herbicides*</b> One full container is required <b>Metaldehyde*</b> One full container is required <b>Microcystin*</b> One full container is required <b>Acrylamide*</b> One full container is required required * Please note only 1 bottle is required for any combinations of these * tests




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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
ALS 060 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK YES PTFE 110 46 12 MONTHS TOP N/A	0.1 ml of 3% (w/v) Ascorbic Acid solution  Non-Hazardous  <a href="#">SDS 16</a>	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<b>Combined Pests</b> One full container is required <b>Chloro Phenols</b> One full container is required
STL 061 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK YES PTFE 110 46 - TOP N/A	None		<b>Chlorate, Chlorite, Bromate, Bromide</b> One full container is required <b>Free &amp; Total Chlorine</b> One full container is required
STL 70 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	POT RED NO 70 35 - 6 TOP N/A	0.2ml of 50% (v/v) Hydrochloric Acid solution  <a href="#">SDS 10</a> 	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Monohydric Phenols</b> One full container is required  YWS bottle code: PHENLS_BOT





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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 71 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	POT WHITE NO 70 35 - 6 TOP YES	3ml of 1M Sodium Hydroxide solution  <a href="#">SDS 2</a> 	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Total and Free Cyanide</b> One full container is required  YWS bottle code: CN_BOTTLE
STL 72 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	VIAL GREEN SEPTA 100 28 - - TOP YES	None	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>Ensure no headspace or air bubbles</li> <li>Ensure that the seal is correctly in place inside the lid with the PTFE coated side in contact with the sample liquid</li> </ul>	<b>Waste Methane</b> Two full vial are required <b>Heptane and Methyl Acetate</b> One full vial is required  <i>Subcontracted</i> <b>CIP3 LCMS</b> One full container is required
STL 78 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	JAR WHITE FOAM 103 80 - - SHOULDER N/A	None		<b>SVOC, EH, PCB, Pesticides</b> One full container is required <b>Mineral Oil Solids</b> One full container is required  YWS bottle code: 250_BR_GLS



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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 79 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	VIAL WHITE SEPTA 100 28 - - TOP YES	None	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>Ensure no headspace or air bubbles</li> <li>Ensure that the seal is correctly in place inside the lid with the PTFE coated side in contact with the sample liquid</li> </ul>	<b>Pyridine analysis</b> One full container is required
STL 80 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE NO 260 120 90 - TOP N/A	None		<b>Inorganics</b> One full container is required  <i>Subcontracted</i>
STL 81 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	CONTAINER WHITE NO - - - LID N/A	None	<ul style="list-style-type: none"> <li>If sample contains large stones, please fill two sample pots</li> </ul>	<b>Inorganics, Metals, PAH</b> One full container is required



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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 83 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PE FOAM 185 90 75 - SHOULDER YES	None	<ul style="list-style-type: none"> <li>This sample must be taken first without prior flushing</li> <li>Do not take this sample from an outside tap or from outbuildings, garages etc.</li> <li>Do not take this sample from a distribution kiosk</li> </ul>	<b>Overnight/RDT</b> One full container is required <b>Lead, Copper, Zinc, Nickel</b> One full container is required
STL 90 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	VIAL WHITE PTFE 100 28 - - TOP YES	None	<ul style="list-style-type: none"> <li>Two identical sample vials must be taken for each sample</li> </ul>	<b>PAH</b> Two full vials are required <b>SVOCs</b> Two full vials are required <b>CIP Triclosan &amp; Diclofenac</b> Two full vials are required <b>Bisphenol A</b> Two full vials are required <b>CIP Bisphenol A</b> Two full vials are required
STL 92 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	VIAL GREEN SEPTA 100 28 - 2 years TOP YES	2ml of Ultra-Resi analysed Methanol  <a href="#">SDS 28</a>  	<ul style="list-style-type: none"> <li>The vials are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> <li>Ensure no headspace or air bubbles</li> <li>Ensure that the seal is correctly in place inside the lid with the PTFE coated side in contact with the sample liquid</li> </ul>	<b>FTOH</b> Two full vials are required




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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
				<ul style="list-style-type: none"> <li>Two identical sample vials must be taken for each sample</li> </ul>	
<p>STL 97</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE PE 115 45 - 6 SHOULDER N/A</p>	<p>4.0ml of 50% (v/v) Hydrochloric Acid solution</p> <p><a href="#">SDS 10</a></p> 	<ul style="list-style-type: none"> <li>Do not rinse</li> </ul>	<p><b>Ferrous/Ferric Iron</b> One full container is required</p>

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
<p>VWRI331-0074</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE BLUE PE FOAM 260 80 - 14 SHOULDER YES</p>	<p>0.69ml of 3.5% (w/v) Sodium Thiosulphate solution. Equivalent to 0.1ml of 1.8% (w/v) Na Thio per 100ml.  Gamma Irradiated <a href="#">SDS 8</a></p>	<ul style="list-style-type: none"> <li>• This sample should be taken after chemical samples following local procedures</li> <li>• The bottles are date stamped and must be used by the expiry date shown</li> <li>• Do not rinse</li> </ul>	<p><b>Bacterial Analysis of Potable Water Samples</b> One full container is required  ALS Wakefield use only</p>
<p>STL 101</p> 	<p><b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b></p>	<p>BOTTLE WHITE NO 185 65 65 - TOP YES</p>	<p>None</p>		<p><b>Physicals and Inorganic Analysis – Peerless system</b> One full container is required <b>Suspended Solids/TDS</b> One full container is required <b>General Inorganics -</b> One full container is required <b>Dissolved Metals</b> One full container is required <b>Filtered Metals</b> One full container is required <b>CIP Exactive Suite</b> One full container is required</p>

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 102 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE NO 240 75 75 - TOP N/A	None		<b>Waste Inorganics analysis,            General Inorganics, Metals            (excluding Mercury analysis)</b> One full container is required  YWS bottle code: 1LITR_PET
STL 103 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLUE PE FOAM 202 66 - - TOP YES	None	<ul style="list-style-type: none"> <li>Bacterial analysis also required (refer to bottle type STL19 and STL 30)</li> <li>Ensure there is no headspace</li> </ul>	<b>Taste and Odour Quantitative            and Qualitative determination</b> Two full containers are required
STL 105 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE RED NO 144 53 53 - TOP YES	None		<b>Tritium</b> One full container is required  <i>Subcontracted bottle</i>  <b>Glyphosate and AMPA</b>  <i>Subcontracted bottle</i>






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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 113 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE CLEAR  146 62 62 12 NECK YES	40mls of Ultra-Resi analysed Acetonitrile  <a href="#">SDS 23</a> 		<b>CIP Pharmaceuticals Suite 2</b> One full container is required
STL 112 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK  195 70 - 5 MONTHS NECK N/A	25ml of Ultra-Resi analysed Methanol  <a href="#">SDS 28</a> 	<ul style="list-style-type: none"> <li>Use Stainless Steel sampling equipment</li> </ul>	<b>BDE, PAH, TBT, Cypermethrin, HBCDD</b> Two containers are required
STL 115 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE  108 45 - 52 WEEKS NECK N/A	0.5ml Hydrochloric Acid & 0.5ml Potassium Bromate- Bromide  <a href="#">SDS 9</a> 	<ul style="list-style-type: none"> <li>Use Plastic sampling equipment</li> <li>Use Pump and Filter capsule for filtered sample</li> </ul>	<b>Mercury</b> Four full containers are required – two for Total and two for Filtered





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BOTTLE	DETAILS	PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS	
STL 116 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	GREEN /AMBER BOTTLE BLACK / WHITE 195 70 - 12 NECK YES	1.5ml of 30% Hydrochloric Acid & 0.125g Copper Nitrate  <a href="#">SDS 21</a> & <a href="#">SDS 4</a> 	<ul style="list-style-type: none"> <li>Use Stainless Steel sampling equipment</li> <li>Do not rinse</li> </ul>	<b>Steroid Compounds</b> One container is required
STL 118 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE  79 39 - - SHOULDER N/A	None	<ul style="list-style-type: none"> <li>Use Plastic sampling equipment</li> <li>Use 20ml syringe and 0.45µm filter disc for filtration</li> </ul>	<b>Soluble Reactive Phosphate</b> One full container of filtered sample is required
ALS 130 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLUE PE 115 45 - 6 TOP YES	2.5ml of 20% Sodium Hydroxide solution  <a href="#">SDS 2</a> 	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Total and Free Cyanide</b> One full container is required

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 200 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE RED NO 140 70 - - TOP N/A	None	<ul style="list-style-type: none"> <li>Carefully fill the bottle with sample with minimum aeration</li> <li>Place the stopper in the bottle to displace air and excess liquid, and then remove the stopper</li> <li>Replace the stopper avoiding inclusion of air bubbles</li> </ul>	<b>Redox analysis</b> One full container is required
STL 225 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE RED NO 160 70 50 14 SHOULDER YES	0.35ml of 3% (w/v) Sodium Thiosulphate solution. Equivalent to 0.1ml of 1.8% (w/v) Na Thio per 100ml  Gamma Irradiated  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>This sample should be taken after chemical samples following local procedures</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Bacterial Analysis of Potable Water Samples</b> One full container is required  <b>Bacterial Analysis of Raw Water Samples</b> One full container is required  Yorkshire Water only
STL 226 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE NO 215 70 50 14 SHOULDER YES	1.0ml of 3% (w/v) Sodium Thiosulphate solution. Equivalent to 0.1ml of 1.8% (w/v) Na Thio per 100ml  Gamma Irradiated  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>This sample should be taken after chemical samples following local procedures</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Bacterial Analysis of Raw Water Samples</b> One full container is required




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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 241 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK PE 115 45 - 12 SHOULDER YES	2.5ml 50% Nitric acid and 0.6ml 1,000ppm Gold solution  <a href="#">SDS 17</a> 	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<b>Total Mercury Analysis</b> One full container is required
STL 305 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	SWAB NO NO 175 12 - - - YES	-	<ul style="list-style-type: none"> <li>Check expiry date before use</li> <li>Take swab sample before cleaning tap</li> <li>Swab the inside of the tap using the tip</li> <li>Place swab in tube</li> </ul>	<b>Identification of Bacteriological contamination of Taps</b> One full container is required
STL 315 Certified endotoxin free to levels <0.01EU/m. 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	Tube YES NO 94 31 - - N/A - TOP YES	-	<ul style="list-style-type: none"> <li>Aseptic Sampling technique should be used</li> <li>Samples should be sent to the laboratory as soon as possible after sampling</li> </ul>	<b>Endotoxins ONLY</b>

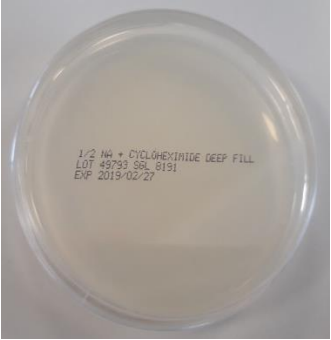

## ALS WATERS CONTAINER GUIDE

BOTTLE	DETAILS	PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 325 	<b>55mm TSA contact plate</b> [product code: 103073]	-	<ul style="list-style-type: none"> <li>Contact Plate or air sampler plate</li> </ul>	<b>TVC</b>
STL 326 	<b>55mm MEA contact plate</b> [product code: 103101]	-	<ul style="list-style-type: none"> <li>Contact plate or air sampler plate</li> </ul>	<b>Yeasts &amp; Moulds</b>
STL 327 	<b>90mm TSA plate</b> [product code: 8084]	-	<ul style="list-style-type: none"> <li>Settle plate</li> </ul>	<b>TVC</b>




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BOTTLE	DETAILS	PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 328 	<b>90mm RBA plate</b> [product code: 8080]	-	<ul style="list-style-type: none"> <li>Settle plate</li> </ul>	<b>Yeasts &amp; Moulds</b>
STL 329 	<b>90mm 40ml MEA plate</b> [product code: 8192]	-	<ul style="list-style-type: none"> <li>Andersen sampler plate</li> </ul>	<b>Aspergillus fumigatus</b> <b>Total fungi</b> One plate will cover both tests
STL 331 	<b>90mm 40ml VRBGA plate</b> [product code: 8198]	-	<ul style="list-style-type: none"> <li>Andersen sampler plate</li> </ul>	<b>Gram negative bacteria</b>

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BOTTLE	DETAILS	PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
<p>STL 332</p> 	<p><b>90mm 40ml 1/2 NA plate</b> [product code: 8191]</p>	<p>-</p>	<ul style="list-style-type: none"> <li>Andersen sampler plate</li> </ul>	<p><b>Total mesophilic bacteria</b></p>
<p>STL 333</p> 	<p><b>90mm GVPC Culture Plate.</b> [Product code: 8068]</p>	<p>-</p>	<ul style="list-style-type: none"> <li>Settle plate</li> </ul>	<p><b>Legionella</b></p>

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 430 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 146 60 - 6 TOP YES	Contains 250µl 10% (w/v) Ammonium Chloride Solution  <a href="#">SDS 3</a> 	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<b>Haloacetic Acid and Dalapon Analysis</b> One full container is required
STL 436 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	XPRESS NO NO - - - - - N/A	None	<ul style="list-style-type: none"> <li>Place filter module into housing if not supplied</li> <li>Attach pump to housing</li> <li>Filter water or place housing in sampling cabinet</li> <li>After sampling, for transport to the laboratory, place filter in a plastic bag that is contained in a STL 81 or similar container</li> </ul>	<b>Cryptosporidium/Giardia Clean Samples</b>






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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 436 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	FMAX NO NO - - - - - N/A	None	<ul style="list-style-type: none"> <li>Place filter module into housing if not supplied</li> <li>Attach pump to housing</li> <li>Filter water or place housing in sampling cabinet</li> <li>After sampling, for transport to the laboratory, place filter in a plastic bag that is contained in a STL 81 or similar container</li> </ul>	<b>Cryptosporidium/Giardia Clean &amp; Raw Samples</b>
STL 465 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PTFE 145 58 - 6 TOP YES	0.75ml 1% Sodium Thiosulphate solution  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Do not rinse</li> </ul>	<b>Low Level Phenols</b> One full container is required <b>Benzotriazole &amp; Tolytriazole</b> One full container is required

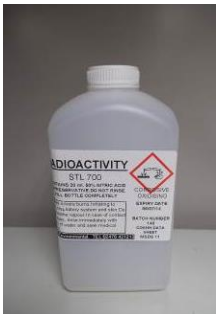

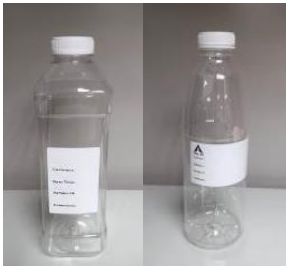

## ALS WATERS CONTAINER GUIDE



BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 470 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	JAR WHITE FOAM 103 80 - 36 SHOULDER N/A	150ml Methanol Water (60:40 Methanol to Water solution)  <a href="#">SDS 14</a> 	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>Avoid any loss of preservative</li> </ul>	<b>Speciated Phenols</b> 50g of sample is required
STL 480 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	POT BLUE NO 70 35 - 6 TOP YES	1ml of 0.75M Sodium Carbonate solution & 1ml of 0.5M Zinc Acetate solution  <a href="#">Sulphide Sampling            Instructions</a>  <a href="#">SDS 12 &amp; SDS 13</a> 	<ul style="list-style-type: none"> <li>Carefully place the sample into the 60ml pot with minimum aeration until it is almost full</li> <li>Add 1ml Sodium Carbonate (0.75M) and mix</li> <li>Then add 1ml Zinc Acetate (0.5M) and mix again.</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> <li>Use Plastic sampling equipment (CIP3)</li> </ul>	<b>Sulphide</b> One full container is required  YWS bottle code: S2_BOTTLE YW bottles are known as STL27 and are white with blue lid

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 555 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE BLACK PTFE 255 81 - 12 MONTHS TOP YES	1.15ml of 14% (w/v) Sodium Thiosulphate Pentahydrate solution  <a href="#">SDS 8</a>	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<b>Organics Polyaromatic Hydrocarbons (PAH) analysis</b> Two full containers are required
STL 650 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE  104 50 - - SHOULDER N/A	1.0ml of 15% Sulphuric Acid  <a href="#">SDS 15</a> 	Do not rinse <ul style="list-style-type: none"> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<b>Kjeldahl Nitrogen analysis</b> One full container is required

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BOTTLE	DETAILS		PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 700 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE PE FOAM 185 90 75 6 SHOULDER YES	20ml of 50% Nitric Acid solution  <a href="#">SDS 11</a> 	<ul style="list-style-type: none"> <li>Do not rinse</li> <li>The bottles are date stamped and must be used by the expiry date shown</li> </ul>	<b>Radioactivity, Radioactive determinands</b> One full container is required. Two containers to be taken if repeats are required
STL 701 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	BOTTLE WHITE NO 240 75 75 6 TOP N/A	40mg Ascorbic Acid  Non-Hazardous  <a href="#">SDS 16</a>		<b>NDMA Analysis</b> Two full containers are required
STL 085 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE (mth)</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	AMBER JAR BLACK Yes    6 TOP N/A	None		<b>Volatile Organics</b> One full container is required

BOTTLE	DETAILS	PRESERVATIVE	SAMPLING TECHNIQUE	ANALYSIS
STL 807 	<b>TYPE</b> <b>LID</b> <b>LINER</b> <b>HEIGHT (mm)</b> <b>WIDTH (mm)</b> <b>DEPTH (mm)</b> <b>SHELF LIFE</b> <b>FILL LEVEL</b> <b>REFRIGERATE?</b>	TUBE YELLOW NO 120 25 - 5 years TOP YES  <a href="#">SDS 2</a>  	<ul style="list-style-type: none"> <li>• The bottles are date stamped and must be used by the expiry date shown.</li> <li>• Do not rinse</li> <li>• Refrigerate sample</li> </ul>	<b>Total and Free Cyanide</b> One full container is required  Supplied by NWSS  Analysis subcontracted to NWSS

<b>Terminology &amp; Definitions</b>	
Full Container	The container or bottle should be full so far as practicable. However, the presence of a bubble or small headspace will not impact upon the validity of the results
No headspace	The container or bottle be must be full to the brim avoiding the presence of any headspace in the bottle. However, the chance of small bubbles within the bottle will not impact upon the validity of the results
No headspace or air bubbles	The container or bottle be must be full to the brim avoiding the presence of any headspace or any bubbles within the bottle.