












General Chemistry Waste							
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
	Conductivity						100mL
	Nutrients (ISP)						4mL
	pH						100mL
	MCERTS pH						200mL
	Suspended Solids						
	MCERTS Suspended Solids						
	UV Transmittance						4mL
General Chemistry - CIP2 Analyses	MCERTS Ammonia		1L PET Bottle	None	Use a steel sampling vessel. Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	1L
	MCERTS BODs						
	Chemical Oxygen Demand						
	Total Oxidised Nitrogen						
	Total Suspended Solids						
General Chemistry	Cyanide		120mL Metals Pot	None	Separate pot required. Fill container to exclude air. Label pot with "Cn"	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
	Dissolved Organic Carbon				Use plastic sampling vessel. Use 0.45µM filter. Rinse with water to be sampled. Fill completely		30mL
	Soluble Reactive Phosphorus				Use steel sampling vessel. Use 0.45µM filter. Rinse with water to be sampled. Fill completely		30mL
	Nutrients (ISP)				Rinse with water to be sampled and fill to the neck		4mL. Use this container instead of the 1L PET Bottle if Nutrients are required only.

Lab	Analysis	Bottle	Bottle Name	Preservative	Sampling Instructions	Storage Instructions	Minimum Sample Required, Exceptional Circumstances only
General Chemistry - CIP2 Analyses	Total Organic Carbon		30mL TOC Tube	None	Use steel sampling vessel. Rinse with water to be sampled. Fill completely	Refrigerate at 5±3°C	30mL
	Dissolved Organic Carbon				Use plastic sampling vessel. Use 0.45µM filter. Rinse with water to be sampled. Fill completely		30mL
	Soluble Reactive Phosphorus				Use steel sampling vessel. Use 0.45µM filter. Rinse with water to be sampled. Fill completely		30mL
General Chemistry	Mixed Liquor		60mL Sterlin Pot	None	Fill to top	Refrigerate at 5±3°C	60mL
External Chemistry	MCERTS Sodium		125ml PP Bottle United Utilities Bottle D10	None	Check bottle is within expiry date. Fill to line. Write Na on lid.	Refrigerate at 5±3°C	120ml
External Chemistry	Anionic Detergents		250ml PET	None	Rinse once with water to be sampled and fill completely.	Refrigerate at 5±3°C	
External Chemistry	Cationic Detergents		250ml Amber Glass ALS Bottle STL22	None	Ensure that the seal is correctly in place inside the lid with the PTFE coated side in contact with the sample liquid	Refrigerate at 5±3°C	250ml

External Chemistry	Non-ionic Detergents		1L PET	None	Rinse once with water to be sampled and fill completely.	Refrigerate at 5±3°C	1L
	Fluoride						200mL
	Kjeldahl Nitrogen, Total Nitrogen						200mL
	MCERTS Chloride						1L

Lab	Analysis	Bottle	Bottle Name	Preservative	Sampling Instructions	Storage Instructions	Minimum Sample Required, Exceptional Circumstances only
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	MCERTs Cyanide		60mL Cyanide Bottle	Contains 3mL of 1M Sodium Hydroxide	The bottles are date stamped and must be used by the expiry date shown. Do not rinse. Fill completely and exclude air	Refrigerate at 5±3°C	60mL
External Chemistry - CIP2 Analyses	Sulphide		100mL Plastic Pot - ALE246	1ml Zinc acetate	Use plastic sampling vessel. Fill completely	Refrigerate at 5±3°C	100mL

Indicates a critical sample - Analysis will be cancelled if sampling criteria is not met