



INORGANICS SAMPLE BOTTLES

BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
pH Alkalinity, Conductivity		250ml PET (500ml or 1L PET also acceptable)	• Fill to top	No Dose	Drinking water, Raw and bottle water (clean water)
BOD, Bromate Waste Nutrients (Ammonia, Nitrate, Nitrite, Total Oxidised Nitrogen, Chloride, Silicate, Orthophosphate), Fluoride, Total Nitrogen, TOC (Waste), Salinity, DOC, Suspended Solids, Turbidity, Kjeldahl Nitrogen		500ml or 1000L PET clean waters, depending on the amount of analysis requested.	Fill to top	No dose	Clean and Waste Waters

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Settled and filtered COD, Settled and filtered BOD, Settled Suspended Solids at 105 and 500		1 L PET	• Fill to top	No dose	Waste Waters
COD (Total)		250ml PET	• Fill to top	No Dose	All water types

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TOC		24ml glass vial	Fill to top	Dosed with Phosphoric acid	Clean water only
Clean Nutrients (Ammonium, Nitrite, Nitrate, TON, Orthophosphate, Silicate)		250 ml PET bottle with red or green lid	Fill to top and do not rinse	Dosed with Sodium Thiosulphate	Drinking, Surface, Ground Water and Bottled Water only

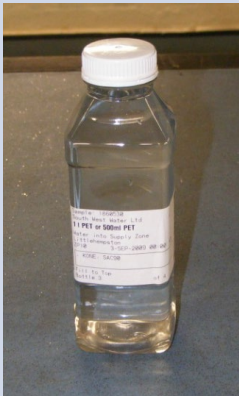

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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Dissolved Metals and Cation's		120ml Customers provided with syringe, filter & plastic pot	<ul style="list-style-type: none"> • Samples filtered using syringe provided - see filtered metals guidance 	No dose	Clean and waste waters
Total Tin and Silver		120ml Plastic pot	<ul style="list-style-type: none"> • 100ml minimum • Separate pot required for tin and silver analysis 	No dose	Waste waters
Dissolved Tin and Silver		120ml Customers provided with syringe, filter & plastic pot	<ul style="list-style-type: none"> • Separate pot required for tin and silver analysis • Samples filtered using syringe provided - see filtered metals guidance 	No dose	Waste waters

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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Lead, Copper and Nickel in water. HDPE first litre (unflushed) and post flushed for plumbing metals		1 L HDPE	<ul style="list-style-type: none"> • PET fill to top 	No dose	Clean waters
Total Metals and Cations to include Phosphorus, Mercury Tin and Lead	 	120ml Plastic pot	<ul style="list-style-type: none"> • 100ml minimum 	No dose	Clean and waste waters



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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Surfactants: Anionic, cationic and non-ionic		250ml PET	<ul style="list-style-type: none"> • Fill to top • Dark & cold 	No dose	Clean Waters or Waste Waters
Dissolved Oxygen		250ml Stoppered glass	<ul style="list-style-type: none"> • Fill to top • Add reagents • Samples must be preserved onsite with 2 ± 0.5 ml manganous sulphate solution & 2 ± 0.5 ml sodium azide solution. • There should be no air bubbles in the sample bottle 	No dose	Clean waters


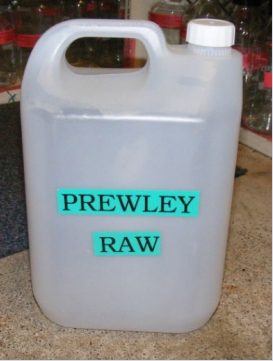
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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Taste and Odour		1L Glass Screw Top Bottle	Rinse bottle 3 times before filling to top. Leave no air gap. Do not write on bottle	No dose	Drinking waters only
Gross alpha/beta		1L HDPE canister	• Fill to top	No dose	Clean waters

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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Radon/Radium		500ml PET	<ul style="list-style-type: none"> • PET fill to top • Store upside down • Fridge – see customer information sheet 	No dose	Clean waters
Tritium		500ml PET	<ul style="list-style-type: none"> • Fill to top 	No dose	Clean waters

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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Ammonia, Dry Matter, Volatile Matter, Metals, Hg, pH		500ml Opaque plastic pot	<ul style="list-style-type: none"> • No rinse • Fill to top • If sludge is very thin fill two Pots 	No dose	Sludge
Hg, pH, Sulphide, Particle Size, metals		Polythene bag	<ul style="list-style-type: none"> • Cold & dry 	No dose	Soil
Radiochemistry: Gamma Sp, Polonium, Uranium Speciation		PET 5 Litre	<ul style="list-style-type: none"> • Fill to top 	No dose	Clean waters