

INORGANICS SAMPLE BOTTLES

BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
pH Alkalinity, Conductivity		250ml PET (500ml or 1L PET also acceptable)	<ul style="list-style-type: none"> • Fill to top 	No Dose	Drinking water, Raw and bottle water (clean water)
Settled and filtered COD, Settled and filtered BOD, Settled Suspended Solids at 105 and 500		1 L PET	<ul style="list-style-type: none"> • Fill to top 	No dose	Waste Waters




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BOD, Bromate COD, 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
TOC		24ml glass vial	Fill to top	Dosed with Phosphoric acid	Clean water only


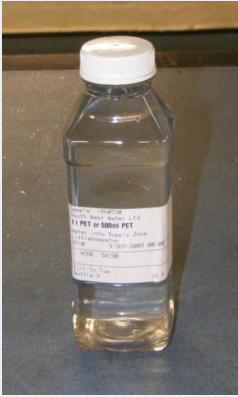
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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Lead only in water		1 L PET	<ul style="list-style-type: none"> • PET fill to top 	No dose	Clean waters
Total Metals and Cations to include phosphorus		120ml Plastic pot	<ul style="list-style-type: none"> • 100ml minimum 	No dose	Clean and waste waters



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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
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
Mercury, Dissolved Mercury		250ml Screw cap pyrex	<ul style="list-style-type: none"> • Fill to shoulder • 200ml 	No dose	Clean waters
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



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BOTTLE USE	IMAGE	DESCRIPTION	SAMPLING COMMENTS	PRE - DOSING	MATRIX
Dissolved Oxygen		100ml 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
Cyanide		100ml Plastic pot and stoppered glass	<ul style="list-style-type: none"> • See customer information sheet & COSSH sheets 	<ul style="list-style-type: none"> • Plastic pot dosed with 0.06g ascorbic acid • 100ml glass bottle dosed with 1 pellet of NaOH 	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 Plastic 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