



SAMPLE CONTAINER REQUEST FORM - ADELAIDE

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**FOR URGENT BOTTLE ORDERS (less than 48 hrs) OR QUERIES
PLEASE CONTACT KIEREN BURNS +61 (08) 8359 0875 or 0448 527 608**

CLIENT:			
CONTACT:		PHONE:	
PROJECT:			
DELIVERY ADDRESS:			
DATE REQUIRED BY CLIENT:		TIME REQUIRED BY CLIENT:	

OTHER INSTRUCTIONS (eg. consignment notes, syringes, filters, etc):.....
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ESKIES

Large Eskies
 Medium Eskies
 Small Eskies
 Cardboard Box
All regional orders will contain ice bricks. Ice is recommended for metropolitan Adelaide orders

QUALITY CONTROL SAMPLE CONTAINERS AND RINSATE WATER

No.	Label Colour	Container Type	Test Parameter(s)
	Maroon	1 x 40ml Amber glass sodium bisulphate preserved vial	Trip Blank Water (TPH / BTEX / VOC)
	Red	1 x 125ml Plastic (<i>nitric acid</i>)	Trip Blank Water (Metals)
	Orange	1 x 1000ml Amber glass (<i>none</i>)	Trip Blank Water (S.V Organics)
	White	1 x 4L Glass amber winchester	Rinsate: Semi-Volatile Organics & Non Metallics Only
	White	1 x 1L Glass amber bottle	Rinsate: Volatile Organics & TOC/DOC
	White	1 x 1L Opaque plastic 'natural' bottle	Rinsate: Metals Only

Trip spikes and blanks for soils and waters are also available upon request

SOLID MATRIX SAMPLE CONTAINERS (Soil / Sludge / Sediment / Dusts)

No.	Label Colour	Container Type (* sample containers supplied with teflon lined lids)	Test Parameter(s)
	Orange	1 x 250ml wide mouth glass jar (2 x 250ml jars recommended for Sediment samples)	Test parameters including TCLP and ZHE
	Orange	1 x 150ml wide mouth glass jar	TPH/BTEX/PAH & Metals
	Orange	1 x 150ml wide mouth glass jar	ZHE only
	Orange	1 x 150ml wide mouth glass jar	Dioxins or TBT plus TOC
	Green	1 x 250g resealable plastic bag (samples should be frozen)	Acid Sulfate Soils
	Black on White	1 x 250g resealable plastic bag	Asbestos, Particle Sizing
		1 x 100g paper bag	Total Sulfur, Total Fluoride, Sulfide
	Black	1 x 100ml sterile wide mouth plastic jar	Microbiological tests
	Turquoise	1 x 4 L clear glass (<i>5% CuSO₄ solution</i>)	Dust Deposition gauges



AQUEOUS MATRIX SAMPLE CONTAINERS (Water)

Volumes listed in the box below are recommended based on "clean" waters.
For other combinations - 1 x 1000mL container may be sufficient, please contact us for advice.

INORGANICS

No.	Label Colour	Container Type (Preservation)	Test Parameter(s)
	Green	1 x 1000ml plastic (<i>none</i>)	Solids, Cations, Anions, Physical properties
	Green	1 x 1000ml plastic (<i>none</i>)	BOD, Turbidity, Colour, Formaldehyde
	Green	1 x 250ml plastic (<i>none</i>)	General Cations & Anions (only)
	Green & White stripe	1 x 500ml plastic (<i>none</i>)	BOD (only)
	Green	1 x 1000ml White plastic (<i>none</i>)	Chlorophyll a (Standard LOR)
	Yellow	1 x 125ml plastic (<i>Zinc Acetate and NaOH</i>)	Sulfide
	Yellow & Light Blue	2 x 125ml plastic bottles - Yellow - <i>Zinc Acetate and NaOH</i> - Light Blue - <i>Aluminium Chloride</i>	Unionized Sulfide
	Light Orange	1 x 250ml plastic (<i>EDTA and Zinc Acetate</i>)	Sulfite
	Brown	1 x 500ml Amber glass (<i>formaldehyde</i>)	Surfactants (NIS or MBAS)
	Blue	1 x 250ml White plastic (<i>Cd(NO₃)₂ and NaOH</i>)	Total, Free and WAD Cyanide; Cyanate
	Purple	1 x 125ml plastic (<i>Sulfuric acid</i>)	COD, Ammonia, TN, NO _x , TKN, TP, Total Phenols
	Purple	1 x 40ml Glass vial (<i>Sulfuric acid</i>)	TOC
	Purple	1 x 40ml Glass vial (<i>Sulfuric acid</i>)	DOC (Field Filtered)
	Purple	2 x 500ml Amber glass (<i>Sulfuric acid</i>)	Oil & Grease

MICRO & ALGAE

No.	Label Colour	Container Type (Preservation)	Test Parameter(s)
	Black	1 x 120ml Sterile plastic jar/lid	Single 'Micro' Test – Natural Waters
	Grey	1 x 600ml Sterile plastic jar/lid (<i>With Na₂S₂O₃</i>)	Multiple 'Micro' Tests – Chlorinated Water
	Dark Green	1 x 1000ml White plastic (<i>Lugol's solution</i>)	Algae

METALS

No.	Label Colour	Container Type (Preservation)	Test Parameter(s)
	Red	1 x 60ml plastic (<i>Nitric acid</i>)	Heavy Metals Dissolved (Field Filtered) <u>or</u> Total
	Red & Green stripe	1 x 60ml plastic (<i>none</i>) AIRFREIGHT OPTION	Heavy Metals Dissolved (Field Filtered) <u>or</u> Total
	Red on White	1 x 125ml plastic (<i>Spec Pure nitric acid</i>)	ORC Metals in Fresh and Saline water Dissolved (Field Filtered) <u>or</u> Total
	Red & Green stripe	1 x 125ml plastic (<i>none</i>) AIRFREIGHT OPTION	ORC Metals in Fresh and Saline water Dissolved (Field Filtered) <u>or</u> Total
	Maroon on White	1 x 60ml plastic (<i>Spec Pure HCl acid</i>)	As and Se Speciation
	Maroon	1 x 60ml plastic (<i>Hydrochloric acid</i>)	Ferrous Iron (Field Filtered)
	Blue	1 x 60ml plastic (<i>Sodium Hydroxide</i>)	Hexavalent Chromium (extended holding time)

SPECIALIST CATCHMENT MONITORING

No.	Label Colour	Container Type (Preservation)	Test Parameter(s)
	Light Green & White stripe	1 x 60ml plastic (<i>none</i>)	Total Nitrogen and Total Phosphorus– ULTRA TRACE
	Turquoise & White stripe	1 x 60ml plastic (<i>none</i>)	Reactive P, Nitrate, Nitrite, Ammonia, Silica (Field filtered) – ULTRA TRACE
Pairs	Green	2 x 40ml Amber vials (<i>none</i>)	MIB/Geosmin
Pairs	Dark Blue & White stripe	2 x 40ml Amber vials (<i>Ammonium Chloride</i>)	Halo Acetic Acids
	Grey	1 x 125ml plastic (<i>none, however NaHSO₄ may be added for chlorinated water</i>)	Paraquat & Diquat, NDMA
	Orange	2 x 500ml Amber glass (<i>none</i>) for primary analysis.	Super Ultra-trace OC/OC/PCBs
	Orange & White stripe	4 x additional 500ml glass (<i>none</i>) for laboratory duplicates and matrix spikes	Ultra trace Multi Residue Screens (ALS method EP215)



AQUEOUS MATRIX SAMPLE CONTAINERS (WATER) continued...

ORGANICS			
No.	Label Colour	Container Type (<i>Preservation</i>)	Test Parameter(s)
Pairs	Maroon	2 x 40ml Amber vials (<i>HCl</i>)	VOCs/BTEX/TPH(C ₆ -C ₉)/VHC
Pairs	Maroon & White stripe	2 x 40ml Amber vials (<i>NaHSO₄ or Sulfuric Acid</i>) AIRFREIGHT OPTION	VOCs/BTEX/TPH(C ₆ -C ₉)/VHC, 1,4-Dioxane
Pairs	Purple & Yellow stripes	2 x 40ml Amber vials (<i>Sulfuric Acid</i>)	Gases/Methane (Standard or Ultra trace)
	Orange	1 x 500ml Amber glass (unpreserved bottle) for primary analysis 2 x additional 500ml Amber glass bottles for laboratory duplicates and matrix spikes.	Standard level OC/OP/PCB plus Standard level, enhanced level or Ultra-trace PAHs plus standard level Phenols plus TPH(C ₁₀ -C ₃₆) plus standard level SVOC (8270 list)
			Ultra trace PAHs plus standard level Phenols plus TPH(C ₁₀ -C ₃₆)
			TBT
			Ultra trace OC/OP/PCBs
	Orange	2 x 500ml Amber glass (unpreserved bottle) for primary analysis 4 x additional 500ml Amber glass bottles for laboratory duplicates and matrix spikes.	HRAF - TPH Aliphatic / Aromatic Speciation plus TPH(C ₁₀ -C ₃₆)
			Dioxins
			Ultra trace Phenols <u>or</u> ultra trace phenols <u>and</u> any level PAHs
	Grey	1 x 125ml plastic (<i>none, however NaHSO₄ may be added for chlorinated water</i>)	Super Ultra-trace PAHs plus standard Phenols plus TPH(C ₁₀ -C ₃₆)
			PFOS & PFOA
	Brown	1 x 500ml Amber glass (<i>formaldehyde</i>)	Alkylphenol Ethoxylates
	Orange & White stripe	1 x 500ml Amber glass (unpreserved)	Carbamates plus standard level Phenoxy Acid Herbicides plus standard level Explosives plus standard level Glyphosate plus standard level Amitrole plus standard level Diuron plus Cyromazine by LC/MS
	Orange & White stripe	1 x 500ml Amber glass (unpreserved bottle) for primary analysis 2 x additional 500ml Amber glass bottles for laboratory duplicates and matrix spikes.	Ultra trace Explosives <u>or</u> Ultra trace Phenoxy Acid herbicides <u>or</u> Nitrocellulose <u>or</u> EP209 low level Multi-residue screen by LC/MS.

Important Notes:

- All samples for Organics analysis (where appropriate) are provided with Teflon lined lids.
- For general semi-volatile organics or LC/MS analyses in orange labelled Amber bottles, ALS is working to reduce the total volume of sample required. This provides considerable benefits with respect to sampling, OH&S and the environment. CURRENT orange labels may indicate larger sample volumes are required however in many cases where differences are observed between orange or orange and white stripe labels and this form, this form should be followed.