

SCIENTIFIC SERVICES CUSTOMER SAMPLE BOTTLE GUIDE

Clean Water Sampling Bottles

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ALGAL_TOX

Description: -

1 Litre Glass Duran Bottle (labelled) - Red Capped

Treated: - No

Associated Tests: -

Algal Toxins

Directions for Use: -

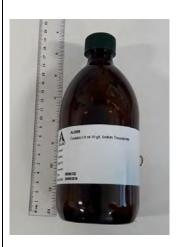
Fill completely,

Do Not Rinse

Bottles are date stamped and must be used by the expiry date

Refrigerate sample once taken

Deliver to Lab Within: - 48 hours



ALS058

Description: -

500ml Amber bottle with green lid.

Treated: - Yes

0.9ml 10g/l Sodium Thiosulphate.

Associated Tests: -

Acrylamide

SUBGEOSMIB

Directions for Use: -

Do not rinse before filling Fill to top without over flowing

Attach the cap securely without over tightening

Shake to mix with preservative

Refrigerate sample once taken



AMBR1000

Description: -

1000ml Amber Glass Duran Bottle - Blue Capped

Treated: - Yes

Copper Nitrate

Associated Tests: -

PAH_CIP, PAH_GCMS, STEROIDS, PBDE and TRICLOSAN in Raw Water.

Directions for Use: -

Fill to 11 glass ridge only – Do not fill completely. Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



ANION

Description: -

150ml Amber Glass Bottle - White Cap

Treated: - Yes

Ethylenediamine

Associated Tests: -

Bromate, Bromide, Chlorate, Chlorite, Fluoride & Perchlorate

Directions for Use: -

Do not use if 'Sample By' date has been exceeded Fill completely, Do Not Rinse Refrigerate sample once taken



AOC/ATP

Description: -

250ml Round Clear Plastic Bottle - Blue Capped

Treated: - Yes

Pre-dosed with Thiosulphate

Associated Tests: - AOC and ATP analysis

Directions for Use: -

Fill to below the cap - do not completely fill.

Do not put the cap down and keep fingers clear of the neck and inside of the cap. Attach the cap securely without over tightening.

Refrigerate sample once taken

Deliver to Lab Within: - 24Hrs



ASCORB 250

Description: -

250ml Amber Glass Duran Bottle - Red Capped

Treated: - Yes

120uL of 10% Ascorbic Acid

Associated Tests: -

PEST_GCMS

Directions for Use: -

Fill completely

Do Not Rinse

Bottles are date stamped and must be used by the expiry date

Refrigerate sample once taken



BIOLOGY

Description: -

1 Litre Green Plastic Bottle - White Capped

Treated: - No

Associated Tests: -

Algal Identification, Chlorophyll A & Microscopy

Directions for Use: -

Fill completely Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



CHEM_250

Description: -

250ml Square Clear Plastic - Blue Capped

Treated: - No

Associated Tests: -

Alkalinity, Ammonium, Chloride, Nitrate, Nitrite, Soluble Reactive Phosphate, TOC, TOCSOL & UV

Directions for Use: -

Fill completely Refrigerate sample once taken



CHEM 500

Description: -

500ml Square Clear Plastic Bottle - Blue Capped

Treated: - No

Associated Tests: -

Appearance, Conductivity, pH, Redox Potential, Turbidity, Colour

Directions for Use: -

Fill completely Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



CHEM_STD

Description: -

1 Litre Square Plastic Bottle - White Capped

Treated: - No

Associated Tests: -

BOD, COD, Dissolved Oxygen, Kjeldahl Nitrogen, Permanganate Index, Suspended Solids, Total Solids, Total Dissolved Solids, Volatile Solids

Directions for Use: -

Fill completely Refrigerate sample once taken



CLEAN_TPH

Description: -

1000ml Glass Duran Bottle – Red Capped

Treated: - No

Associated Tests: -

TPH GCFIDC

Directions for Use: -

Fill to 1L glass ridge only. **Do Not** fill completely Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



CUNO

Description: -

Cuno Filter

Treated: - No

Associated Tests: -

Cryptosporidium

Directions for Use: -

Seal filter within a sealed plastic bag Refrigerate sample once taken



CYANIDE

Description: -

250ml White Plastic Bottle - White Capped

Treated: - Yes

Sodium Hydroxide & Sodium Thiosulphate

Associated Tests: -

Total Cyanide

Directions for Use: -

Fill completely, Do Not Rinse Bottles are date stamped and must be used by the expiry date Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



DETERGENTS

Description: -

500ml Square Clear Plastic Bottle – Blue Capped

Treated: - No

Associated Tests: -

Anionic Detergents

Directions for Use: -

Fill completely

Refrigerate sample once taken



DIP

Description: -

500ml Glass Duran Bottle - Blue Capped

Zip tied neck

Treated: - Yes

Sodium Thiosulphate.

Associated Tests: - Coliforms, E. Coli, Faecal Strep, Clostridia perfringens, 22°C Plate Counts, 37°C Plate Counts and Bacterial Flow Cytometry

Directions for Use: -

Do not rinse before filling Fill to base of neck Refrigerate sample once taken

Deliver to Lab Within: - 24 hours



EPA (1-9)

Description: - 40ml Amber Glass Vial – Blue Capped

Treated: - Yes

Sodium Thiosulphate

Associated Tests: -

 $EPA = PEST_POS01$

EPA 1 = THM's

EPA 2 = VOC's & VOC's Scan

EPA 3 = Alcohols

EPA 4 = Furfural

EPA 5 = PEST03

EPA 6 = PEST 02

EPA 9 = RADON

Directions for Use: -

Fill to top allow overflowing ensuring no headspace or air bubbles remain after filling. Attach the cap securely. Bottles are date stamped and must be used by the expiry date. Refrigerate sample once taken



GENERA

Description: -

Sealed Plastic Housing with Filter

Treated: - No

Associated Tests: -

Cryptosporidium

Directions for Use: -

Seal filter within a sealed plastic bag Refrigerate sample once taken

Deliver to Lab Within: - 24 hours



GLASSHG

Description: -

50ml Plastic Centrifuge Tube - Yellow Capped

Treated: - Yes

Nitric Acid & Gold Solution

Associated Tests: -

Mercury

Directions for Use: -

Fill completely, Do Not Rinse Bottles are date stamped and must be used by the expiry date



HAA9

Description: -

40ml amber vial with white lid.

Treated: - Yes

12ul of 10% Ammonium Chloride and 40ul of 99% Formic Acid

Associated Tests: -

HAA9

Directions for Use: -

Do not rinse before filling
Fill to top without over flowing
Attach the cap securely without over tightening.
Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



ICP_SCAN

Description: -

125ml Opaque Plastic Bottle - Neutral Capped

Treated: - No

Associated Tests: -

Screening test for metal analysis. Note: bottle can be used for all matrices.

Directions for Use: -

Fill completely



LEG1

Description: -

1 Litre Green Plastic Sterile (labelled) Bottle – Blue Capped

Treated: - Yes

Sodium Thiosulphate

Associated Tests: -

Legionella

Directions for Use: -

Fill completely, Do Not Rinse
Bottles are date stamped and must be used by the expiry date **Do Not** Refrigerate
Keep sample out of direct sunlight

Deliver to Lab Within: - 24 hours



LGE_VOLUME

Description: -

5 Litre Plastic Jerry Can - White Capped

Treated: - No

Associated Tests: -

Gross Alpha/Beta & Tritium

Directions for Use: -

Rinse before filling. Fill to top without overflowing. Refrigerate sample once taken



MET_ANI

Description: -

125ml Opaque Plastic Bottle - Black Capped

Treated: - No

Associated Tests: -

Total Calcium, Magnesium, Sodium, Boron, Barium, Sulphate

Directions for Use: -

Fill completely

Deliver to Lab Within: - 48 hours



METALS

Description: -

125ml Opaque Plastic Bottle - Neutral Capped

Treated: - No

Associated Tests: -

Aluminium, Iron, Manganese.

Directions for Use: -

Fill completely



METALS_DIS

Description: -

250ml Square Clear Plastic Bottle - Blue Capped

Treated: - No

Associated Tests: -

Dissolved tests for Aluminium, Copper, Iron, Lead, Manganese, Zinc, Arsenic, Antimony, Cadmium, Chromium, Nickel, Selenium, Phosphorous, Sulphate, Calcium, Magnesium, Potassium, Sodium, Barium, Boron & Mercury

Directions for Use: -

Fill completely

Deliver to Lab Within: - 48 hours



MET_LITRE

Description: -

1L Opaque Plastic Bottle - Neutral Capped

Treated: - No

Associated Tests: -

Copper, Lead, Zinc, Arsenic, Antimony, Cadmium, Chromium, Nickel, Selenium, Phosphorous and Uranium

Directions for Use: -

Fill to 1 litre mark



MICROT

Description: -

500ml Clear Plastic Sterile (labelled) Bottle - Blue Capped

Treated: - Yes

Sodium Thiosulphate

Associated Tests: -

Coliforms, E.coli, Faecal Strep, Clostridia perfringens, 22°C Plate Counts, 37°C Plate Counts & Pseudomonas aeruginosa, and Bacterial Flow Cytometry

Directions for Use: -

Fill to base of neck

Do Not Rinse

Bottles are date stamped and must be used by the expiry date

Refrigerate sample once taken

Deliver to Lab Within: - 24 hours



MICROT_NP

Description: -

500ml Clear Plastic Sterile (labelled) Bottle - Red Capped

Treated: - Yes - Sodium Thiosulphate

Associated Tests: -

Coliforms, E. coli, Faecal Strep, Clostridia perfringens, 22°C Plate Counts, 37°C Plate Counts & Pseudomonas aeruginosa, Bacterial Flow Cytometry and Somatic Coliphages

Directions for Use: -

Fill to base of neck,

Do Not Rinse

Bottles are date stamped and must be used by the expiry date

Refrigerate sample once taken



NOM_3L

Description: -

3 litre plastic Jerry can with white lid.

Untreated

Associated Tests:

NOM THM_FP HAA_FP SUVA

Directions for Use:

Do not rinse before filling
Fill to top without over flowing
Attach the cap securely without over tightening.
Refrigerate sample once taken



PAH

Description: -

250ml Amber Glass Duran Bottle - Red Capped

Treated: - Yes

Sodium Thiosulphate

Associated Tests: -

Poly Aromatic Hydrocarbons Bisphenol A and Geosmin / MIB

Directions for Use: -

Fill completely
Do Not Rinse
Bottles are date stamped and must be used by the expiry date
Refrigerate sample once taken



PATHBOTTLE

Description: -

1 Litre Green Plastic Sterile (labelled) Bottle -Blue Capped

Treated: - No

Associated Tests: -

Salmonella

Directions for Use: -

Fill completely Do Not Rinse

Bottles are date stamped and must be used by the expiry date

If for Salmonella – Refrigerate sample once taken

Keep sample out of direct sunlight

Deliver to Lab Within: - 24 hours



PEST500 / PHENOL

Description: -

500ml Glass Duran Bottle - Red Capped

Treated: -Yes

Sodium Thiosulphate

Associated Tests: -

Intra and Extracellular Microcystin (TOX_INTRA, TOX_EXTRA, TOX_TOTAL) GCMS_SCAN & Phenols

Directions for Use: -

Fill completely

Do Not Rinse

Bottles are date stamped and must be used by the expiry date

Refrigerate sample once take



PEST STD

Description: -

1 Litre Glass Duran Bottle – Red Capped

Treated: - Yes

Sodium Thiosulphate

Associated Tests: -

APES

Directions for Use: -

Fill completely

Do Not Rinse

Bottles are date stamped and must be used by the expiry date

Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



PFAS_VATTEN

Description: -

2 x 100ml Special PFAS bottle with white cap

Treated: - No

Associated Tests: - PFAS components for water regulations

Directions for Use: -

Fill completely, Do Not Rinse Refrigerate sample once taken



SILICA

Description: -

250ml Square Clear Plastic bottle - White Capped

Treated: - No

Associated Tests: -

Silica (subcontracted)

Directions for Use: -

Fill completely Refrigerate sample once taken

Deliver to Lab Within: - 48 hours



STL 13

Description: -

1 Litre Square Plastic Bottle – White Capped

Treated: - No

Associated Tests: - Subcontracted

COD, Suspended Solids, Phosphorus, SRP, Ammonia

Directions for Use: -

Fill completely

Refrigerate sample once taken



STL 22

Description: -

250ml Amber Glass Bottle - White Capped

Treated: - No

Associated Tests: -

Chlorite

Directions for Use: -

Fill completely Refrigerate sample once taken

Deliver to Lab Within: - 48 hours



STL 24

Description: -

125ml Round, HDPE Azlon, White Top

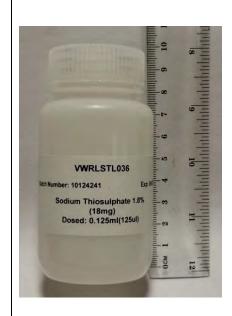
Treated: - No

Associated Tests: -

PFAS_TOTAL Uranium Silver Total Metals (project specific)

Directions for Use: -

One full container is required Fill to top without over flowing Attach the cap securely without over tightening Refrigerate sample once taken (PFAS TOTAL)



STL 36

Description: -

White plastic bottle- Neutral Capped

Treated: - Yes

Sodium Thiosulphate

Associated Tests: -

Chlormequat

Directions for Use: -

Fill completely

Refrigerate sample once taken

Deliver to Lab Within: - 48 hours



STL-53

Description: -

50ml Amber Glass Vial - Green Capped

Treated: - Yes

Sodium Thiosulphate

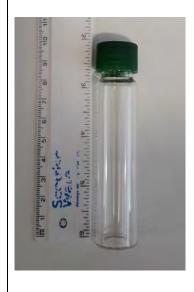
Associated Tests: -

Vinyl Chloride

Directions for Use: -

Fill completely

Refrigerate sample once taken



STL72

Description: -

40ml clear glass vial with green lid.

Treated: - No

Associated Tests: -

ECH

Directions for Use: -

Do not rinse before filling
Fill to top without over flowing
Attach the cap securely without over tightening
Refrigerate sample once taken

Deliver to Lab Within: - 48 hours



STL 101

Description: -

500ml Square, Clear PET, White cap Bottle type in LIMS shows STL101-1, STL101-2, ST101-3 different bottles are required for different tests.

Treated: - No

Associated Tests: - Subcontracted

Dissolved Metals,

Alkalinity, Suspended Solids, pH, TOC, DOC, Colour, Turbidity, Conductivity. Total Dissolved Solids,

Directions for Use: -

Fill completely. Refrigerate sample once taken



STL 701

Description: -

11 PET Bottle

Treated: - Yes

Ascorbic acid

Associated Tests: - NDMA

Directions for Use: -

Fill completely, Do Not Rinse Bottles are date stamped and must be used by the expiry date

Refrigerate sample once taken

Deliver to Lab Within: - 72 hours



TASTE

Description: -

1 Litre Square Clear Plastic (Date Stamped) – Blue Capped

Treated: - Yes

Nitrogen Flushed

Associated Tests: -

Qualitative & Quantitative Taste and Odour

Directions for Use: -

Fill completely

Bottles are date stamped and must be used by the expiry date Refrigerate sample once taken



WPE

Description: -

250ml Square Clear Plastic PET Bottle - Black Capped

Treated: - No

Associated Tests: -

SUB AN DET

Directions for Use: -

Fill completely Refrigerate sample once taken

Deliver to Lab Within: - 48 hours



ZOG

Description: -

40ml Amber Glass Bottle - Black Capped

Treated: - Yes

Contains Sodium Thiosulphate

Associated Tests: -

Glyphosphate + AMPA

Directions for Use: -

Fill completely

Bottles are date stamped and must be used by the expiry date Refrigerate sample once taken

Deliver to Lab Within: - 72 hours

-----END OF CLEAN WATER BOTTLE LIST-----