
















Quick Reference Guide for LHAAC - WATER

ITEM	NAME	TESTING	BOTTLES	LAB	COMMENTS
3.51	SDWA-1 Potable Water Suite	pH, Conductivity, Total Dissolved Solids (TDS), Total Suspended Solids (TSS), Alkalinity, Nitrate, Nitrite, Hardness, Chloride, Colour, Sulphate, Turbidity, Al, Cd, Cu, Fe, Pb, Ni, Zn Sodium, Calcium, Magnesium, Potassium, Total Coliforms, E. Coli		Perth	DOH recommended for scheme water. Need to be with Lab within 24 hours
3.52	SDWA-2 Potable Water Suite	pH, Conductivity, Total Dissolved Solids (TDS), Total Suspended Solids (TSS), Alkalinity, Nitrate, Nitrite, Hardness, Chloride, Colour, Sulphate, Turbidity, Al, Cd, Cu, Fe, Pb, Ni, Zn, Sodium, Calcium, Magnesium, Potassium, Sb, As, Ba, Cr, Mn, Mo, Se, Ag, Sn, Total Coliforms, E.Coli		Perth	DOH recommended for rainwater water. Need to be with Lab within 24 hours
3.53	SDWA-3 Potable Water Suite	pH, Conductivity, Total Dissolved Solids (TDS), Total Suspended Solids (TSS), Alkalinity, Ammonia, Nitrate, Nitrite, Total Cyanide, Fluoride, Hydrogen Sulphide, Hardness, Chloride, Colour, Sulphate, Turbidity, Al, Cd, Cu, Fe, Pb, Ni, Zn, Sodium, Calcium, Magnesium, Potassium, Sn, As, Ba, B, Cr, Mn, Se, Ag, Sn, U, Ln, Total Coliforms, E.Coli		Perth	DOH recommended for bore/dam water. Need to be with Lab within 24 hours
SW	Standard Water Quality	pH, EC, TDS, Hardness, Alkalinity, Sodium, Potassium, Calcium, Magnesium, Fe, Pb, Cu, Mn, Zn Chloride, Sulphate, Nitrate, Silica, Turbidity		Perth	Retic/Irrigation/Salt Content
6.14	Heavy Metals	As, Cd, Cr, Cu, Ni, Pb, Zn, Hg		Perth	Potable Water Sources
3.55	Emerging Contaminants	PFAS		Perth	Potable Water Sources Read NEMP (Online first)
3.1 and 3.4	Hydrocarbons	TRH, BTEXN, PAH		Perth	Oil Spills Make sure vials are filled to top (Zero Headspace)
3.57	SVV: VOC & SVOC	VOC and SVOC		Perth	Potential Organic Unknowns. Relating to Chemical Spills, Unknown Discharges Make sure vials are filled to top (Zero Headspace)
3.39 – 3.40 and 3.48	Standard Bacteria Suite	E. coli, Thermo Coliforms, Total Coliforms and Thermophilic Amoeba/Naegleria		Perth	One micro bottle to be chilled, One ambient. Need to be with Lab within 24 hours






Quick Reference Guide for LHAAC - SOIL

ITEM	NAME	TESTING	BOTTLES	LAB	COMMENTS
6.31 – 6.34	Full Nutrients	Ammonia-N, Nitrate-N, Nitrite-N, NOx-N, TKN, TN, Reactive P, Total P		Perth	Garden Levels for Plant Growth
6.3	Hydrocarbons	TRH, BTEXN		Perth	Potentially contaminated soils – Waste Class/ Spill investigations
6.51	Emerging Contaminants	PFAS		Perth	Potentially contaminated soils Read NEMP (Online first)

Quick Reference Guide for LHAAC - FOOD

5.4	Allergens	Gluten, milk, egg, soy, peanut, almond, hazelnut, cashew, sesame 10g of Sample required minimum		Perth or Melbourne	Food Labelling *Sterile Food Bags not supplied. Contact LHAAC
5.8	Stimulants	Caffeine		Brisbane	For Wastewater Identification and Human
2.1 – 2.8	Full Food	Standard Plate Count, E. coli, Coliforms, Staph, Bacillus cereus, Clostridium perfringens, Salmonella and Yeast and Mould Campylobacter and/or Listeria can also be added		Perth	Food Complaints *Sterile Food Bags not supplied. Contact LHAAC
5.26	Pesticides	OC/OP in Eggs		Perth	For Checking Chicken Uptake in Gardens

Quick Reference Guide for LHAAC - HYGIENE

4.1	Asbestos	Asbestos in Building Materials		Perth	Site Investigations and Renovation Works Double Bag Sample
4.2	Asbestos	Asbestos in Soil – 500g of Sample		Perth	Site Investigations Double Bag Sample
7.1	Clan Labs	Amphetamine, ephedrine, methamphetamine, MDA, MDMA and pseudoephedrine		Brisbane	Site Investigations
8.1 or 8.2	Mould	Biotapes or Air-O-Cells		Newcastle	For Mould Assessments
2.13 and 2.18	Swab for Contamination	E. coli and Yeast and Mould		Perth	For Food Audits and Assessments of Hygiene