

Program Schedule July 2022 to June 2023

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Chemical		
Waters/295	Total Solids, Total Suspended Solids, Total Dissolved Solids	12 Jul-22
Waters/296	Metals (Aluminium, Barium, Bismuth, Boron, Lithium, Manganese, Silver, Strontium)	2 Aug-22
Waters/297	Total Kjeldahl Nitrogen, Total Phosphorus	23 Aug-22
Waters/298	Physical Parameters, Anions and Cations (Total Alkalinity as CaCO ₃ , Chloride, Fluoride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	20 Sep-22
Waters/299	Metals (Arsenic, Mercury, Selenium)	25 Oct-22
Waters/300	Sulphate, Conductivity, pH, Turbidity, Colour)	8 Nov-22
Waters/301	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	22 Nov-22
Waters/302	Total Recoverable Oil and Grease	6 Dec-22
Waters/303	To be determined	Jan-22
Waters/304	To be determined	Feb-23
Waters/305	To be determined	Mar-23
Waters/306	To be determined	Mar-23
Waters/307	To be determined	May-23
Waters/308	To be determined	May-23
Waters/309	To be determined	Apr-23
Waters/310	To be determined	Jun-23
SeaWaters/13	Metals	11 Oct-22
Seawaters/14	To be determined	Apr-23
Asbestos ID/21	Bulk sample identification	Oct-22

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Asbestos/41	Slide fibre count	Mar-22
Asbestos/42	Slide fibre count	Mar-23
Asbestos in Soil/13	Sample identification in soil	Mar-22
Asbestos in Soil/14	Sample identification in soil	Mar-23
Food/45	Flour (Protein, Total Fat, Moisture, Ash, Dietary Fibre, Carbohydrate and Energy)	26 Jul-22
Paint/35	To be determined	Sep-22
Paint/36	To be determined	Feb-23
Paint/37	To be determined	Jun-23
Metal Alloys/42	Ferrous	Oct-22
Metal Alloys/43	Ferrous	May-23
Coal/45	Coal (Proximate Analysis, Coal Ash (Ash Fusion, Ash Constituents)	Nov-22
Coal/46	Coal (Proximate Analysis, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	Apr-23
Bitumen/14	Viscosity, Density, Penetration, Softening Point, Viscosity	Oct-22
Cement/14	Chemical composition, Loss on ignition, Insoluble residue, Specific surface area, Fineness, Laser granulometry	Jul-22
Geochemical/18	Iron Ore – chemical compositional analysis	Dec-22
Air & Emissions/21	Particulate matter on filter paper	Nov-22
Air & Emissions/22	Sulphuric Acid in Impinger Solution	May-22
Textiles/4	Breaking Load, Extension, Threads/Unit Length, Mass per Unit Area, Quantitative Fibre Analysis	Jan-23
PCBs in Oil/14	Aroclors 1016, 1242, 1254 & 1260	Mar-23
Biological		
Waters/75	Potable - E. coli, Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35°C - 37°C)	6 Sep-22
Waters/76	Effluent - E. coli, Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35°C - 37°C), P.aeruginosa and C.perfringens (vegetative cells)	Mar-23
Dialysis Waters/6	Total viable counts	Jun-23
Pathogens in Food/44	Salmonella & Listeria & Cronobacter	27 Sep-22

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Pathogens in Food/45	Salmonella & Listeria & Cronobacter	Apr-23
Legionella/64	Enumeration & identification	22 Aug-22
Legionella/65	Enumeration & identification	Feb-23
Non-Pathogens in Food/32	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	24 Oct-22
Non-Pathogens in Food/33	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	May-23
Algae/20	Enumeration & identification	Mar-23
Crypto & Giardia/50	Enumeration & identification	Oct-22
Crypto & Giardia/51	Enumeration & identification	Apr-23
Construction Materials		
Soils/33	Liquid Limit, Cone Liquid Limit, Plastic Limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	Nov-22
Soils/34	California Bearing Ratio	Dec-22
Soils/35	Liquid Limit, Cone Liquid Limit, Plastic Limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	May-23
Concrete/31	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Oct-22
Concrete/32	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Apr-23
Aggregates/28	Particle Density and Water Absorption of Course Aggregate, Particle Size Distribution, Material Finer than 75 µm, Particle Shape by proportional Caliper (2:1 Ratio), Flakiness Index, Average Least Dimension	Jul-22
Aggregates/29	Particle Density and Water Absorption of Fine aggregate, Aggregate soundness by exposure to sodium sulphate, Degradation factor, Clay & fine silt - Settling method, organic impurities other than sugar, Particle Size Distribution, Material Finer than 75 µm	Sep-22
Aggregates/30	Bulk Density, Particle Density and Water Absorption of Course Aggregate, Particle Size Distribution, Material Finer than 75 µm, Particle Shape by	Jan-23

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
	proportional Caliper (2:1 Ratio), Flakiness Index	
Asphalt/13	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Sep-22
Rocks/4	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial Compression, Splitting Tensile Strength	Aug-22
Mechanical		
Hardness Testing of Metals/22	Hardness testing of metal	May-23
Tensile Testing of Metals/16	Tensile testing of metal	Feb-23
Impact Testing of Metals/8	Charpy impact	Nov-22
NDT		
Magnetic Particle Inspection/5	Steel pipe, plate and tee and Y	Upon request
Radiography/5	Steel pipe, plate and tee	Upon request
Ultrasonics/5	Steel pipe, plate and tee and Y	Upon request
Eddy Current/2	Steel plate	Upon request
Calibration		
Digital Multimeter/6	HP 34401A Digital Multimeter - DC Voltage (0.1 ~ 1000 V), AC Voltage (0.1 ~ 750 V), DC Current (0.01 ~ 3 A), AC Current (1 ~ 3 A), and Resistance (1 Ohm ~ 10 Meg Ohm)	Schedule from Jul-21
Mass	10mg, 1g, 10g, 200g	Upon request
Temperature	Digital Temperature Indicator System - 0°C to 420°C in 20°C steps	Upon request
Gauge Blocks	Nominal lengths - 2mm, 8mm, 20mm and 100mm	Upon request
Gravimetric/8	Five or six point balance to determine inhalable/respirable dust, welding fumes and gases	Upon request
Measurement Audits		
Optics & Radiometry	Upon request	Various
Metrology	Upon request	Various
Acoustics & Vibration	Upon request	Various

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Electrical	Upon request	Various
Heat & Temperature	Upon request	Various

PTA actively develops new programs throughout the year. Our schedule is regularly updated to reflect the introduction of these programs. Customers are advised to regularly check our website for details of changes of sample dispatch dates or the addition of new programs.

Additional sample sets may be ordered which includes PTA evaluation of the additional results submitted and will incur a fee of approximately 80% of the quoted participation fee.

Additional results may be submitted for PTA evaluation for each set of samples supplied per laboratory and will incur a fee of approximately 40% of the quoted participation fee.

Spare samples may be available from completed rounds and will incur a fee of approximately 80% of the quoted participation fee.

Further information:

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