

## Program Schedule July 2021 to June 2022

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
<b>Chemical</b>		
Waters/279	Total Solids, Total Suspended Solids, Total Dissolved Solids	13 July-21
Waters/280	Metals (Aluminium, Barium, Bismuth, Boron, Lithium, Manganese, Silver, Strontium)	2 Aug-21
Waters/281	Total Kjeldahl Nitrogen, Total Phosphorus	24 Aug-21
Waters/282	Minerals (Total Alkalinity as CaCO <sub>3</sub> , Chlorine, Flouride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	31 Aug-21
Waters/283	Metals (Antimony, Beryllium, Cadmium, Vanadium, Palladium)	21 Sep-21
Waters/284	Sulphate, Conductivity, pH, Turbidity, Colour	25 Oct-21
Waters/285	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	8 Nov-21
Waters/286	Total Recoverable Oil and Grease	30 Nov-21
Waters/287	To be determined	Jan-22
Waters/288	To be determined	Feb-22
Waters/289	To be determined	Mar-22
Waters/290	To be determined	Mar-22
Waters/291	To be determined	Apr-22
Waters/292	To be determined	May-22
Waters/293	To be determined	May-22
Waters/294	To be determined	June-22
SeaWaters/11	To be determined	5 Oct-21

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
SeaWaters/12	To be determined	Apr-22
Asbestos ID/20	Bulk sample identification	Oct-21
Asbestos/40	Slide fibre count	Mar-21
Asbestos/41	Slide fibre count	Mar-22
Asbestos in Soil/12	Sample identification in soil	Mar-21
Asbestos in Soil/13	Sample identification in soil	Mar-22
Food/45	(Protein, Total Fat, Moisture, Ash, Dietary Fibre, Carbohydrate and Energy)	Jul-21
Paint/33	To be determined	Oct-21
Paint/34	To be determined	Apr-21
Metal Alloys/41	Ferrous	Oct-21
Metal Alloys/42	Ferrous	May-22
Coal/43	Coal (Proximate Analysis, Coal Ash (Ash Fusion, Ash Constituents))	Aug-21
Coal/44	Coal (Proximate Analysis, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	Apr-22
Bitumen/13	Viscosity, Density, Penetration, Softening Point, Viscosity	Oct-21
Cement/13	Chemical composition, Loss on ignition, Insoluble residue, Specific surface area, Fineness, Laser granulometry	Aug-21
Geochemical/17	Iron Ore – chemical compositional analysis	Dec-21
Air & Emissions/19	Particulate matter on filter paper	Nov-21
Air & Emissions/20	To be determined	May-22
Textiles/5	Breaking Load, Extension, Threads/Unit Length, Mass per Unit Area, Quantitative Fibre Analysis	Jan-22
PCBs in Oil/14	Aroclors 1016, 1242, 1254 & 1260	Mar-22
<b>Biological</b>		
Waters/72	Effluent - <i>E. coli</i> , Faecal & Total Coliforms, Plate, Strep.	20 Sep-21
Waters/73	Potable - <i>E. coli</i> , Faecal & Total Coliforms, Plate, Strep.	Mar-22
Waters/74	Effluent - <i>E. coli</i> , Faecal & Total Coliforms, Plate, Strep.	Jun-22

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Dialysis in Waters/6	Total viable counts	Feb-22
Pathogens in Food/44	Salmonella & Listeria & Cronobacter	13 Sep-21
Pathogens in Food/45	Salmonella & Listeria & Cronobacter	Apr-22
Legionella/62	Enumeration & identification	TBC Aug-21
Legionella/63	Enumeration & identification	Feb-22
Non-Pathogens in Food/31	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	11 Oct-21
Non-Pathogens in Food/32	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	May-22
Algae/19	Enumeration & identification	TBA
Crypto & Giardia/48	Enumeration & identification	Oct-21
Crypto & Giardia/49	Enumeration & identification	Apr-22
<b>Construction Materials</b>		
Soils/31	California Bearing Ratio	Oct-21
Soils/32	Liquid Limit, Plastic limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	Dec-21
Soils/33	Liquid Limit, Plastic limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	Jun-22
Concrete/30	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Aug-21
Concrete/31	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Feb-22
Aggregates/26	Particle Density and Water Absorption of fine aggregate, Aggregate soundness by exposure to sodium sulphate, Degradation factor, Clay & fine silt - Setting method, organic impurities other than sugar	Aug-21
Aggregates/27	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	Nov-21
Aggregates/28	Particle Density and Water Absorption of Course Aggregate, Particle Size Distribution, Material Finer than 75 µm, Particle Shape by proportional Caliper	May-22

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
	(2:1 Ratio), Flakiness Index, Average Least Dimension	
Asphalt/12	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Sep-21
Rocks/4	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial Compression, Splitting Tensile Strength	Mar-22
<b>Mechanical</b>		
Hardness Testing of Metals/21	Hardness testing of metal	Nov-21
Hardness Testing of Metals/22	Hardness testing of metal	May-22
Tensile Testing of Metals/15	Tensile testing of metal	Mar-22
Fasteners/1	Tensile testing of bolts, nuts and washers	Aug-21
Impact Testing of Metals/7	Charpy impact	Oct-21
<b>NDT</b>		
Magnetic Particle Inspection	Steel pipe, plate and tee and Y	Upon request
Radiography	Steel pipe, plate and tee	Upon request
Ultrasonics	Steel pipe, plate and tee and Y	Upon request
Eddy Current/1	Steel plate	Schedule from Jul-21
<b>Calibration</b>		
Digital Multimeter/7	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

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Gravimetric/7	Five or six point balance to determine inhalable/respirable dust, welding fumes and gases	Upon request
<b>Measurement Audits</b>		
Optics & Radiometry	Upon request	Various
Metrology	Upon request	Various
Acoustics & Vibration	Upon request	Various
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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