

Program Schedule July 2020 to June 2021

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Chemical		
Waters/263	Total Solids, Total Suspended Solids, Total Dissolved Solids	14 July-20
Waters/264	Calcium, Magnesium, Sodium, Potassium	4 Aug-20
Waters/265	Total Kjeldahl Nitrogen, Total Phosphorus	24 Aug-20
Waters/266	Physical Parameters, Anions and Cations (Total Alkalinity, as CaCO ₃ , Chloride, Fluoride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	8 Sep-20
Waters/267	Metals (Aluminium, Barium, Bismuth, Boron, Lithium, Manganese, Silver, Strontium)	29 Sep-20
Waters/268	Sulphate, Conductivity, pH, Turbidity, Colour	20 Oct-20
Waters/269	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	10 Nov-20
Waters/270	Total Recoverable Oil and Grease	1 Dec-20
Waters/271	To be determined	Jan-21
Waters/272	To be determined	Feb-21
Waters/273	To be determined	Mar-21
Waters/274	To be determined	Mar-21
Waters/275	To be determined	Apr-21
Waters/276	To be determined	May-21
Waters/277	To be determined	May-21
Waters/278	To be determined	June-21
SeaWaters/9	Total Recoverable Oil and Grease	6 Oct-20

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
SeaWaters/10	To be determined	Apr-21
Asbestos ID/19	Bulk sample identification	Oct-20
Asbestos/39	Slide fibre count	Mar-20
Asbestos/40	Slide fibre count	Mar-21
Asbestos in Soil/11	Sample identification in soil	Mar-20
Asbestos in Soil/12	Sample identification in soil	Mar-21
Food/44	(Protein, Total Fat, Moisture, Ash, Dietary Fibre, Carbohydrate and Energy)	13 Jul-20
Paint/31	Density, Consistency by Brookfield, Non-volatile content by mass, Specular gloss	Sep-20
Paint/32	Panel	Apr-21
Metal Alloys/39	Ferrous	Oct-20
Metal Alloys/40	Ferrous	May-21
Coal/41	Coal (Proximate Analysis, Coal Ash (Ash Fusion, Ash Constituents))	Aug-20
Coal/42	Coal (Proximate Analysis, Trace Elements),	Apr-21
Bitumen/12	Viscosity, Density, Penetration, Softening Point, Viscosity	Oct-20
Cement/12	Chemical composition, Loss on ignition, Insoluble residue, Specific surface area, Fineness, Laser granulometry	Aug-20
Geochemical/16	Iron Ore – chemical compositional analysis	Dec-20
Air & Emissions/17	Particulate matter on filter paper	Nov-20
Air & Emissions/18	Metals on filter paper	May-21
Textiles/5	Breaking Load, Extension, Threads/Unit Length, Mass per Unit Area, Quantitative Fibre Analysis	Jan-21
PCBs in Oil/13	Aroclors 1016, 1242, 1254 & 1260	Mar-21
Biological		
Waters/69	Potable - <i>E. coli</i> , Thermotolerant (Faecal) & Total Coliforms, Plate, Strep.	22 Sep-20
Waters/70	Effluent - <i>E. coli</i> , Thermotolerant (Faecal) & Total Coliforms, Coliforms, Plate, Strep.	Mar-21

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Waters/71	Potable - <i>E. coli</i> , Thermotolerant (Faecal) & Total Coliforms, Plate, Strep.	Jun-21
Dialysis in Waters/5	Total viable counts	May-21
Pathogens in Food/42	Salmonella & Listeria & Campylobacter	14 Sep-20
Pathogens in Food/43	Salmonella & Listeria & Cronobacter	Apr-21
Legionella/60	Enumeration & identification	Jul-20
Legionella/61	Enumeration & identification	Feb-21
Non-Pathogens in Food/29	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	12 Oct-20
Non-Pathogens in Food/30	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	May-21
Algae/19	Enumeration & identification	TBA
Crypto & Giardia/46	Enumeration & identification	Oct-20
Crypto & Giardia/47	Enumeration & identification	Apr-21
Construction Materials		
Soils/28	California Bearing Ratio	Sep-20
Soils/29	Liquid Limit, Plastic limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	Dec-20
Soils/30	Liquid Limit, Plastic limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	Mar-21
Concrete/28	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Aug-20
Concrete/29	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Feb-21
Aggregates/23	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-20
Aggregates/24	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-20

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Aggregates/25	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	Apr-21
Asphalt/11	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Sep-20
Rocks/3	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial Compression, Splitting Tensile Strength	Oct-20
Mechanical		
Hardness Testing of Metals/19	Hardness testing of metal	Nov-20
Hardness Testing of Metals/20	Hardness testing of metal	May-21
Tensile Testing of Metals/14	Tensile testing of metal	Mar-21
Bolts/3	Tensile testing of bolts	Sep-20
Impact Testing of Metals/6	Charpy impact	Oct-20
NDT		
Magnetic Particle Inspection/4	Steel pipe, plate and tee and Y	Schedule from Jul-20
Radiography	Steel pipe, plate and tee	Upon request
Ultrasonics	Steel pipe, plate and tee and Y	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-20
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	Schedule from Feb-21
Measurement Audits		
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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