

Program Schedule July 2019 to June 2020

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
Chemical		
Waters/247	Residues - Total Suspended Solids, Total Solids, Total Dissolved Solids	16 July-19
Waters/248	Calcium, Magnesium, Sodium, Potassium	6 Aug-19
Waters/249	Total Kjeldahl Nitrogen, Total Phosphorus	26 Aug-19
Waters/250	Physical Parameters, Anions and Cations (Total Alkalinity, as CaCO ₃ , Chloride, Fluoride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	3 Sep-19
Waters/251	Metals (Aluminium, Bismuth, Lithium, Strontium, Silver, Barium, Boron, Manganese)	24 Sep-19
Waters/252	Sulphate, Conductivity, pH, Turbidity, Colour	22 Oct-19
Waters/253	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	12 Nov-19
Waters/254	Total Recoverable Oil and Grease	3 Dec-19
Waters/255	Metals (Chromium, Copper, Iron, Lead, Nickel, Thallium, Zinc)	21 Jan-20
Waters/256	Bromide, Chloride, Fluoride, Iodide	18 Feb-20
Waters/257	Nitrate, Ammonia, Orthophosphate	3 Mar-20
Waters/258	Total Cyanide, Weak Acid Dissociable Cyanide, free Cyanide	24 Mar-20
Waters/259	Hardness	28 Apr-20
Waters/260	Sulphate, Conductivity, pH, Turbidity, Colour	11 May-20
Waters/261	Inorganic Disinfection By-products (Chlorate, Chlorite)	26 May-20
Waters/262	Total Recoverable Oil and Grease	16 June-20

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
SeaWaters/7	Aluminium, Boron, Chromium, iron, Manganese, Molybdenum, Nickel, Selenium	8 Oct-19
SeaWaters/8	Phosphate, pH, Conductivity, Total Suspended Solids, Total Dissolved Solids, Turbidity	Apr-20
Asbestos ID/18	Bulk sample identification	Oct-19
Asbestos/38	Slide fibre count	Mar-19
Asbestos/39	Slide fibre count	Mar-20
Asbestos in Soil/10	Sample identification in soil	Mar-19
Asbestos in Soil/11	Sample identification in soil	Mar-20
Food/43	Pate (Protein, Total Fat, Moisture, Ash, Dietary Fibre, Carbohydrate and Energy)	15 Jul-19
Paint/30	Density, Consistency -flow up, PH of water based paints, Specular gloss	Feb-20
Metal Alloys/37	Ferrous	Oct-19
Metal Alloys/38	Ferrous	May-20
Soils(Cheical)/16	Metals, Base/Neutrals & Acid	Nov-19
Soils (Chemical)/17	To be determined	Jun-20
Coal/39	Coal (Proximate Analysis, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	July-19
Coal/40	Proximate Analysis and Trace Elements	Feb-20
Bitumen/11	Viscosity, Density, Penetration, Softening Point, Viscosity	Oct-19
Cement/11	Chemical composition, Loss on ignition, Insoluble residue, Specific surface area, Fineness, Laser granulometry	Aug-19
Geochemical/15	Iron Ore – chemical compositional analysis	Dec-19
Air & Emissions/15	Particulate Matter on filter paper	Nov-19
Air & Emissions/16	Fluoride in impinge solution	May-20
Textiles/4	Breaking Load, Extension, Threads/Unit Length, Mass per Unit Area, Quantitative Fibre Analysis	Jan-20
PCBs in Oil/12	Aroclors 1016, 1242, 1254 & 1260	Mar-20
Biological		
Waters/66	Effluent - <i>E. coli</i> , Faecal & Total Coliforms, Plate, Strep.	23 Sep-19
Waters/67	Potable - <i>E. coli</i> , Faecal & Total Coliforms, Plate,	Mar-20

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
	Strep.	
Waters/68	Effluent - <i>E. coli</i> , Faecal & Total Coliforms, Plate, Strep.	24 Jun-20
Dialysis in Waters/5	Total viable counts	Feb-20
Pathogens in Food/40	Salmonella & Listeria & Cronobacter	9 Sep-19
Pathogens in Food/41	Salmonella & Listeria & Cronobacter	Apr-20
Legionella/59	Enumeration & identification	20 Aug-19
Legionella/60	Enumeration & identification	Feb-20
Non-Pathogens in Food/27	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	14 Oct-19
Non-Pathogens in Food/28	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	May-20
Algae/20	Enumeration & identification	Mar-20
Crypto & Giardia/44	Enumeration & identification	Oct-19
Crypto & Giardia/45	Enumeration & identification	Apr-20
Construction Materials		
Soils/26	Liquid Limit, Plastic limit, Plasticity Index, Linear Shrinkage, California Bearing Ratio	Sep-19
Soils/27	Liquid Limit, Plastic limit, Plasticity index, Linear Shrinkage, Particle Size Distribution, Emerson Class	Mar-20
Concrete/27	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Jan-20
Aggregates/21	Uncompacted Bulk Density, Compacted Bulk Density, 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	Aug-19
Aggregates/22	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	Mar-20
Asphalt/10	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Sep-19
Rocks/2	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial	Oct-19

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
	Compression, Splitting Tensile Strength	
Mechanical		
Hardness Testing of Metals/17	Hardness testing of metal	Nov-19
Hardness Testing of Metals/18	Hardness testing of metal	May-20
Tensile Testing of Metals/13	Tensile testing of metal	Mar-20
Bolts/2	Tensile testing of bolts	Sep-19
Impact Testing of Metals/4	Charpy impact	Oct-19
NDT		
Magnetic Particle Inspection	Steel pipe, plate and tee and Y	Upon request
Radiography	Steel pipe, plate and tee	Upon request
Ultrasonics/4	Steel pipe, plate and tee and Y	Schedule from Jul-19
Calibration		
Digital Multimeter/5	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-19
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	Five or six point balance to determine inhalable/respirable dust, welding fumes and gases	Upon request
Flow Meter/2	Flow rate between 0.5 and 65 m ³ h ⁻¹	Schedule from Jul-19
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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