

## Program Schedule July 2023 to December 2023

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH DATE
<b>Chemical</b>		
Waters/311	Metals (Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Thallium, Zinc)	11 July-23
Waters/312	Total Solids, Total Suspended Solids, Total Dissolved Solids	1 Aug-23
Waters/313	Metals (Aluminium, Barium, Bismuth, Boron, Lithium, Manganese, Silver, Strontium)	22 Aug-23
Waters/314	Total Kjeldahl Nitrogen, Total Phosphorus	19 Sep-23
Waters/315	Physical Parameters, Anions and Cations (Total Alkalinity as CaCO <sub>3</sub> , Chloride, Fluoride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	24 Oct-23
Waters/316	Sulphate, Conductivity, pH, Turbidity, Colour	1 Nov-23
Waters/317	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	21 Nov-23
Waters/318	Total Recoverable Oil and Grease	5 Dec-23
SeaWaters/15	Total Recoverable Oil and Grease	3 Oct-23
Asbestos ID/22	Bulk sample identification	Oct-23
Asbestos NAP/42	Slide fibre counting	Ongoing
Asbestos in Soils/14	Sample identification in soil	Ongoing
Food/46	Flour - Grains	18 Sep-23
Paint/36	To be determined	Sep-23
Metal Alloys/44	Ferrous	Nov-23
Coal/47	Coal (Proximate Analysis, Coal Ash (Ash Fusion, Ash Constituents))	Oct-23
Bitumen/15	Viscosity, Density, Penetration, Softening Point, Viscosity	Oct-23
Cement/15	Chemical composition, Loss on ignition, Insoluble residue, Specific surface area, Fineness, Laser granulometry	Jul-23
Air & Emissions/23	Particulate matter on filter paper	Nov-23
PCBs in Oil/14	Aroclors 1016, 1242, 1254 & 1260	TBC
<b>Biological</b>		
Legionella/66	Enumeration & identification	22 Aug-23
Waters/77	Potable - <i>E. coli</i> , Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35°C - 37°C), <i>P.aeruginosa</i> and <i>C.perfringens</i>	11 Sep-23
Dialysis Waters/6	Total viable counts	On request
Non-Pathogens in Food/34	<i>E. coli</i> , Total plate count, Coliforms, Yeast, Moulds	3 Oct-23
Crypto & Giardia/52	Enumeration & identification	Nov-23
Algae/20	Enumeration & identification	TBC
<b>Construction Materials</b>		
Concrete/32	Compressive strength, Height, Weight, Mass per Unit	Aug-23

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	Volume, Maximum Sustained Load Unit	
Aggregates/31	Particle Density and Water Absorption of Coarse Aggregate, Particle Size Distribution, Material Finer than 75 µm, Particle Shape by proportional Caliper (2:1 Ratio), Flakiness Index, Average Least Dimension	Aug-23
Rocks/5	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial Compression, Splitting Tensile Strength	Aug-23
Aggregates/32	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-23
Asphalt/14	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Sep-23
Soils/36	Liquid Limit, Cone Liquid Limit, Plastic Limit, Plasticity Index, Linear Shrinkage, Particle Size Distribution	Nov-23
<b>Mechanical</b>		
Impact Testing of Metals/9	Charpy impact	Sep-23
Hardness Testing of Metals/23	Hardness testing of metal	Nov-23
<b>NDT</b>		
Magnetic Particle Inspection/5	Steel pipe, plate and tee and Y	Ongoing
Radiography/5	Steel pipe, plate and tee	Ongoing
Ultrasonics/5	Steel pipe, plate and tee and Y	Ongoing
Eddy Current/2	Steel plate	Ongoing
<b>Calibration</b>		
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)	TBC
Gravimetric/8	Five or six point balance to determine inhalable/respirable dust, welding fumes and gases	TBC
<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

Additional sample sets may be ordered for most programs for a fee of approximately 80% of the quoted participation fee. This includes PTA statistical evaluation of the additional results submitted and provision of a summary report. Additional results for each sample set may also be submitted for PTA evaluation and will incur an additional fee. Spare samples may be available from completed rounds, for further information contact us at [ptaenquiry@pta.asn.au](mailto:ptaenquiry@pta.asn.au)

Customers are advised to regularly check our website [www.pta.asn.au](http://www.pta.asn.au) for details of changes to sample dispatch dates or the addition of new programs.

Our next program schedule will be available in October 2023 and will cover the period January - December 2024.