List of Analytes for BeneVap evaluation

General	Priority
pH	1
Electrical Conductivity	1
Total Dissolved Solids	1
Total Suspended Solids	2
Specific gravity	2
Anions	
Bicarbonate	1
Carbonate	1
Chloride	1
Sulphate	1
Fluoride	2
Silica	1
Cations	
Calcium	1
Magnesium	1
Potassium	1
Sodium	1
Barium	1
Nutrients	
Phosphate-P	1
Nitrate + Nitrite-N	2
Ammoniacal-N	1
Dissolved gases	
Hydrogen Sulphide	1
Total Metals	
Aluminium	2
Arsenic	2
Beryllium	2
Cadmium	2
Chromium	2
Copper	2
Iron	2
Lead	2
Manganese	2
Molybdenum	2
Nickel	2
Zinc	2
Mercury	2

	Priority
Organics	
Total/Dissolved Organic Carbon	1
Biological oxygen demand (BOD_5)	2
Chemical oxygen demand (COD)	2
Hydrocarbons	
Total Petroleum Hydrocarbons	2
Volatile Organic Compounds	3
Phenols	3
Polycyclic Aromatic Hydrocarbons	3
BTEXN	3
Persistent Pollutants	
Pesticide suite	3
PFAS suite	3
PRIORITY 1 FOR FEASIBILITY EVALUATION	
PRIORITY 2 - FATE OF RESIDUAL	
PRIORIY 3- REGULATORY RELATED	