

<b>WQRA Priority Issues List</b>				
<b>Program*</b>	<b>Priority#</b>	<b>Issue</b>	<b>Issue No.</b>	<b>Sub Issue</b>
DW	1	Microbiological (Public Health)	1	a. Detection b. Risk assessment c. Treatment and process validation d. Effectiveness of natural barriers
DW	1	Chemicals (Public Health)	2	a. Toxicology b. Detection
DW	1	Cyanobacteria (Reservoirs)	3	a. Control b. Advice c. Detection d. Risk assessment
WW	1	Membrane and Treatment Technology	4	a. Membrane fouling b. Membrane performance c. Treatment technologies
WW	1	Chemical Contaminants	5	a. Analysis b. Removal c. Toxicity d. DBPs
WW	1	Waste Stream Disposal and Reuse	6	a. Brine management and salinity b. Soils & sediments c. Nutrient recovery
WW	1	Fit for Purpose	7	a. Decentralised b. Direct potable reuse c. Greywater d. Industrial & mining reuse e. Irrigation f. Scheme validation
WW	1	Risk Assessment	8	a. Chemicals b. Exposure assessment c. Guidelines d. Health impacts e. Knowledge & communication f. Barriers to implementation g. Governance & society h. House hold behaviour i. Pathogens exposure assessment j. Pathogens – risk assessment
DW	2	Disinfection	9	a. Taste & odour b. Control c. Use of alternative methods d. DBPs
DW	2	Rural & Regional	10	a. Water security b. Application of ADWG c. POE/POU
DW	2	Distribution	11	a. On-line monitoring b. System integrity
DW	2	Alternative Supplies	12	a. Desalination (seawater) b. Desalination (brackish water)
DW	2	Source Protection	13	a. Guidelines & tools for catchment management
WW	2	Energy	14	a. Carbon b. Reuse
WW	2	Measurement	15	a. Monitoring b. Source characterisation

\* DW = Drinking Water, WW = Wastewater/recycled water