

# ESTIMATION OF MEASUREMENT OF UNCERTAINTY (MU)

PathWest LMWA  
Environmental Microbiology  
Unit

Water Examination  
Laboratory

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<b>MEASURAND</b>		<b>MEASUREMENT OF UNCERTAINTY (MU) ( log<sub>10</sub>)</b>
<b>METHOD</b>	<b>DESCRIPTION</b>	
MWM001	Confirmed Total Coliforms (MF)	0.160 log <sub>10</sub>
MWM002	<i>Escherichia coli</i> (MF)	0.140 log <sub>10</sub>
MWM002	Thermotolerant coliforms (MF)	0.130 log <sub>10</sub>
MWM005	Total Viable Count (TVC) / Heterotrophic Plate Count (HPC)	0.128 log <sub>10</sub>
MWM006	Heterotrophic Plate Count (HPC) by pour plate	0.114 log <sub>10</sub>
MWM007	Confirmed <i>Pseudomonas aeruginosa</i> by filtration (MF)	0.145 log <sub>10</sub>
MWM009	Heterotrophic plate count (HPC) – dialysis waters	0.005 log <sub>10</sub>
MWM011	<i>Clostridium perfringens</i> (spores)	0.163 log <sub>10</sub>
MWM013	<i>Legionella</i>	0.275 log <sub>10</sub>
MWM018	Enterococci by Defined Substrate Technology	0.210 log <sub>10</sub>
MWM022	Heterotrophic Plate Count (HPC) by pour plate	0.104 log <sub>10</sub>
MWM023	Total coliforms by Defined Substrate Technology	0.233 log <sub>10</sub>
MWM023	<i>Escherichia coli</i> by Defined Substrate Technology	0.321 log <sub>10</sub>
MWM024	Confirmed Total Coliforms by filtration (MF)	0.155 log <sub>10</sub>
MWM024	<i>Escherichia coli</i> by filtration (MF)	0.150 log <sub>10</sub>
MWM025	Enterococci by filtration (MF)	0.158 log <sub>10</sub>
MWM026	Total coliforms by Most Probable Number	0.138 log <sub>10</sub>
MWM026	<i>Escherichia coli</i> by Most Probable Number	0.187 log <sub>10</sub>
MWM107	Somatic Coliphage	0.019 log <sub>10</sub>
MWM108	Coagulase Positive Staphylococci	0.175 log <sub>10</sub>
MWM109	Endotoxin	0.050 log <sub>10</sub>
MWP121	Sampling of Potable Water Samples for Microbiological Analysis	0.101 log <sub>10</sub>
MWP121	Total chlorine	0.040 log <sub>10</sub>
MWP121	Free chlorine	0.057 log <sub>10</sub>
MWP121	Temperature	0.159 log <sub>10</sub>

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