

Table 2, below, provides an example of the MCA procedure in which a performance matrix is constructed from utility scores for each key performance indicator.

Criteria (CRI)	Key Performance Indicators	Dug wells Rainwater harvesting Deep tube-well source			Chemical Treatment		Bioremediation	Physical Treatment				Weighting	
					Precipitation/ coagulation/ adsorption	Ion exchange/ reverse osmosis		Membrane technology	Solar still	Filtration	Slow sand filters	Hybrid technology	KPI
Source exposure vector	groundwater supply												
	raw surface waters												
Health risk	toxicology (behavior/form)												
	infectious risk												
	other chemical pollution												
Cost	capital cost												
	O&M costs including waste arisings disposal												
Community acceptance	technology acceptance												
Technical skill base	local competence												
Community location	urban												
	rural												
Total (%) (sum of score x weight)													

<www.iupac.org/publications/ci/2008/3004/2_garelick.html>