

Decision-Aiding Tool

for prioritizing small-scale water and wastewater projects based on public health

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Based on input from:

- ✓ Literature Search
- ✓ Subject Matter Experts

Developed a tool

- that applies:
- ✓ Ranked Criteria
 - ✓ Field Observations

Multiple projects are scored to prioritize construction of those with the most public health benefit.

Operational Level Criteria	Ranking Number Times 100	Applicability: 0 = not relevant 1 = insignificant 2 = minor 3 = moderate 4 = major 5 = catastrophic	Score (Ranking Number Multiplied by Applicability)
A.2 Optimize treatment for pathogens through water treatment facility maintenance	16	2	32
A.3 Minimize pathogen treatment required for source water (site selection)	14	4	56
A.1 Optimize treatment for pathogens by upgrading water treatment facility	14	0	0
A.4 Maximize protection of source water from pathogens	11	2	22
B.4 Maximize protection of source water from chemical contaminants	8	2	16
B.3 Minimize chemical contaminant treatment required for source water (site selection)	8	2	16
C.4 Minimize unintentional discharge of WW	7	0	0
C.1 Optimize WW treatment (achieve the highest level treatment practical) through facility upgrade	6	0	0
B.1 Optimize treatment for chemical contaminants through water treatment facility upgrade	4	1	4
C.2 Optimize WW treatment (achieve the highest level treatment practical) through facility maintenance	4	0	0
B.2 Optimize treatment for chemical contaminants through water treatment facility maintenance	3	3	9
C.3 Minimize discharge of WW from treatment facilities	3	0	0
TOTAL			165

