

## Table of Contents

1. Background and introduction .....	1
1.1. The relevance of clean water and sanitation .....	1
1.2. India's National Rural Drinking Water Program and its pilot project .....	2
1.3. Relevance of the topic and literature context .....	2
1.4. Research question and approach .....	3
1.5. Reflections on the CBA approach .....	5
2. Method .....	10
2.1. Relevant costs and benefits .....	10
2.1.1. Selection of locations .....	10
2.1.2. Selection of unit of analysis .....	12
2.1.3. Selection of time period .....	13
2.2. Cataloging the impacts and select the indicators .....	13
2.2.1. The feasibility of the MUS approach for NRDWSP .....	13
2.2.2. Impacts and indicators from the MUS literature .....	15
2.3. Monetization of impacts and indicators .....	20
2.3.1. Monetizing health effects .....	20
2.3.2. Monetizing economic effects .....	23
2.3.3. Monetizing environmental effects .....	24
2.3.4. Monetizing time-saving effects .....	26
2.4. Computing the value .....	27
2.4.1. Computing the value of health .....	30
2.4.2. Computing the value of economy .....	36
2.4.3. Computing the value of environment .....	39
2.4.4. Computing the value of time-savings .....	41
3. Study results .....	45
3.1. Study results as separate benefits and costs .....	45
3.2. Study results as BCR .....	46
3.3. Study results as net benefit .....	47

4. Discussion, Conclusion and Policy Implications .....	48
4.1. Discussion .....	48
4.1.1 Internal validity .....	48
4.1.2 Size and precision .....	49
4.1.3 Transferability (external validity) .....	52
4.2. Implications .....	54
4.3. Summary .....	56
Bibliography .....	58
Annexes .....	66
Annex 1 .....	66
Annex 2 .....	67
Annex 3 .....	69
Annex 4 .....	70
Annex 5 .....	71
Annex 6 .....	72