

CONTENTS

	Page
Preface	7
Introduction	9
Chapter 1. Protection of sources of water supply	11
Chapter 2. Control of reservoirs	14
Chapter 3. Aeration	21
Chapter 4. Taste and odour control	29
✓Chapter 5. Coagulation and flocculation	54
✓Chapter 6. Sedimentation	79
Chapter 7. Filtration	94
Chapter 8. Chlorination and other means of disinfection	134
Chapter 9. Standards of potable water quality and water-borne diseases	172
Chapter 10. Fluoridation	183
✓Chapter 11. Corrosion control	196
✓Chapter 12. Iron and manganese removal	<u>209</u>
✓Chapter 13. Softening and demineralization of water	219
Chapter 14. Records	244
Chapter 15. Personnel	246
Chapter 16. Operation of distribution systems	251
Annex 1. Computation of solutions and doses	254
Annex 2. Properties of chemicals used in water treatment	257
✓Annex 3. Conversion tables	261
✓Annex 4. Chemical equations	268
Supplement: Laboratory procedures	275
References	375
Select bibliography	377
List of reviewers	379
Index	381