



008 **FOREWORD - SIR PETER BAZALGETTE**

010 **PRELUDE - CHOLERA IN THE CITY**

026 **1. PIONEERS OF PLUMBING**

028 **I. SANITATION IN THE ANCIENT WORLD**
cloaca maxima • clay pipes • aqueducts
communal latrines

040 **II. SEWAGE IN THE STREETS**
cesspools • pail closets • chamber pots
street kennels • outhouses • nightsoilmen

056 **2. SUBTERRANEAN INFRASTRUCTURES**

058 **I. THE CLEANSING OF PARIS**
collector sewer • sewer tourism

098 **II. LONDON & THE GREAT STINK**
egg-shaped sewer • pumping station

142 **III. WORLDWIDE ADAPTATIONS**
steam-driven pumps • dams and reservoirs

176 **IV. RAISING STREETS**
brick tunnelling • outfall sewers

206 **3. REVOLUTIONS OF PURITY**

208 **I. PROCESSING & TREATING SEWAGE**
septic tank • activated sludge • effluent screen
sewage treatment • fatberg

240 **II. THE FUTURE OF WASTE TREATMENT**
vacuum sewer • storm surge drain • anaerobic digester

252 **ENDNOTES + FURTHER READING**

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256 **ACKNOWLEDGMENTS**