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| Nota di contenuto | Intro -- TREATMENT OF TANNERY EFFLUENTS BY MEMBRANE SEPARATION TECHNOLOGY -- CONTENTS -- PREFACE -- INTRODUCTION -- TANNERY AS SOURCE OF POLLUTING EFFLUENT -- REFERENCES -- TREATMENT METHODS -- CONVENTIONAL METHODS OF TREATMENT PROCESS -- LIMITATIONS OF CONVENTIONAL PROCESSES -- MEMBRANE BASED PROCESSES -- REFERENCES -- TREATMENT OF SOAKING EFFLUENT -- ABSTRACT -- 3.1. SOAKING EFFLUENT -- 3.2. PRETREATMENT -- 3.3. SELECTION OF MEMBRANE SEPARATION PROCESSES -- 3.3.1. Membranes -- 3.3.2. Membrane Experiments -- Stirred Cell and Operating Conditions -- 3.3.3. Performance Testing of Various Membranes -- 3.4. DETAILED STUDY OF TREATMENT OF SOAKING EFFLUENT -- 3.4.1. Cross Flow Cell and Operating Conditions -- 3.4.2. Analysis of Transient Flux Decline -- Nanofiltration -- Reverse Osmosis -- 3.4.3. Analysis of Steady State Flux -- Nanofiltration -- Reverse Osmosis -- 3.4.4. Analysis of Various Resistances -- 3.4.5. Enhancement of Steady State Permeate Flux -- Nanofiltration -- Reverse Osmosis -- 3.4.6. Permeate Quality Analysis -- Nanofiltration -- Reverse Osmosis -- 3.4.7. Sludge Characterization |

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