Record Nr. UNINA9910508438903321 **Titolo** Reviews of environmental contamination and toxicology. Volume 254 / / editor, Pim de Voogt Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2021] ©2021 **ISBN** 3-030-68530-6 Descrizione fisica 1 online resource (228 pages) Collana Reviews of Environmental Contamination and Toxicology;; v.254 615.902 Disciplina Soggetti Environmental toxicology **Environmental management Pollution** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Intro -- Foreword -- Preface -- Contents -- List of Contributors --Nota di contenuto Investigating the Potential Toxicity of Hydraulic Fracturing Flowback and Produced Water Spills to Aquatic Animals in Freshwat... -- 1 Introduction -- 2 FPW Chemical Characterization -- 2.1 Major Ions --2.2 Trace Metals -- 2.3 Organic Chemicals -- 2.4 Wellbore Reaction Products -- 3 FPW Chemical Constituent Toxicity -- 3.1 Major Ion Toxicity -- 3.2 Trace Metal Toxicity -- 3.3 Organic Chemicals -- 3.3.1 Polycyclic Aromatic Hydrocarbons -- 3.3.2 Volatiles -- 3.3.3 Synthetics -- 3.4 Whole FPW Toxicity -- 4 FPW Releases and Regulatory Guideline Considerations -- 5 Conclusions and Future Directions -- References -- Occurrence of Levonorgestrel in Water Systems and Its Effects on

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