

Method Description, Quality Assurance, Environmental Data, and Other Information for Analysis of Pharmaceuticals in Wastewater-Treatment-Plant Effluents, Streamwater, and Reservoirs, 2004-2009: Open-File Report 2010-1102



Method Description, Quality Assurance, Environmental Data, and other Information for Analysis of Pharmaceuticals in Wastewater-Treatment-Plant Effluents, Streamwater, and Reservoirs, 2004-2009: Open-File Report 2010-1102

U.S. Department of the Interior

Filesize: 3.65 MB

Reviews

Without doubt, this is the very best work by any writer. Indeed, it can be play, still an amazing and interesting literature. I am just very easily can get a pleasure of reading through a written pdf.
(Alda Barton)

METHOD DESCRIPTION, QUALITY ASSURANCE, ENVIRONMENTAL DATA, AND OTHER INFORMATION FOR ANALYSIS OF PHARMACEUTICALS IN WASTEWATER-TREATMENT-PLANT EFFLUENTS, STREAMWATER, AND RESERVOIRS, 2004-2009: OPEN-FILE REPORT 2010-1102

[DOWNLOAD](#)

To download **Method Description, Quality Assurance, Environmental Data, and Other Information for Analysis of Pharmaceuticals in Wastewater-Treatment-Plant Effluents, Streamwater, and Reservoirs, 2004-2009: Open-File Report 2010-1102** eBook, please follow the link below and download the document or have access to additional information which are in conjunction with **METHOD DESCRIPTION, QUALITY ASSURANCE, ENVIRONMENTAL DATA, AND OTHER INFORMATION FOR ANALYSIS OF PHARMACEUTICALS IN WASTEWATER-TREATMENT-PLANT EFFLUENTS, STREAMWATER, AND RESERVOIRS, 2004-2009: OPEN-FILE REPORT 2010-1102** book.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Abstract Wastewater-treatment-plant (WWTP) effluents are a demonstrated source of pharmaceuticals to the environment. During 2004-09, a study was conducted to identify pharmaceutical compounds in effluents from WWTPs (including two that receive substantial discharges from pharmaceutical formulation facilities), streamwater, and reservoirs. The methods used to determine and quantify concentrations of seven pharmaceuticals are described. In addition, the report includes information on pharmaceuticals formulated or potentially formulated at the two pharmaceutical formulation facilities that provide substantial discharge to two of the WWTPs, and potential limitations to these data are discussed. The analytical methods used to provide data on the seven pharmaceuticals (including opioids, muscle relaxants, and other pharmaceuticals) in filtered water samples also are described. Data are provided on method performance, including spike data, method detection limit results, and an estimation of precision. Quality-assurance data for sample collection and handling are included. Quantitative data are presented for the seven pharmaceuticals in water samples collected at WWTP discharge points, from streams, and at reservoirs. Occurrence data also are provided for 19 pharmaceuticals that were qualitatively identified. Flow data at selected WWTP and streams are presented. Between 2004-09, 35-38 effluent samples were collected from each of three WWTPs in New York and analyzed for seven pharmaceuticals. Two WWTPs (NY2 and NY3) receive substantial inflows (greater than 20 percent of plant flow) from pharmaceutical formulation facilities (PFF) and one (NY1) receives no PFF flow. Samples of effluents from 23 WWTPs across the United States were analyzed once for these pharmaceuticals as part of a national survey. Maximum pharmaceutical effluent concentrations for the national survey and NY1 effluent samples were generally less than 1 ug/L. Four pharmaceuticals (methadone, oxycodone, but.

- [Read Method Description, Quality Assurance, Environmental Data, and Other Information for Analysis of Pharmaceuticals in Wastewater-Treatment-Plant Effluents, Streamwater, and Reservoirs, 2004-2009: Open-File Report 2010-1102 Online](#)
- [Download PDF Method Description, Quality Assurance, Environmental Data, and Other Information for Analysis of Pharmaceuticals in Wastewater-Treatment-Plant Effluents, Streamwater, and Reservoirs, 2004-2009: Open-File Report 2010-1102](#)
- [Download ePUB Method Description, Quality Assurance, Environmental Data, and Other Information for Analysis of Pharmaceuticals in Wastewater-Treatment-Plant Effluents, Streamwater, and Reservoirs, 2004-2009: Open-File Report 2010-1102](#)

Other Books



[PDF] Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York

Click the web link under to download "Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York" document.

[Read PDF »](#)



[PDF] Goodnight. Winnie (New York Times Best Books German Youth Literature Prize Choice Award most(Chinese Edition)

Click the web link under to download "Goodnight. Winnie (New York Times Best Books German Youth Literature Prize Choice Award most(Chinese Edition)" document.

[Read PDF »](#)



[PDF] The Mystery in New York City (Hardback)

Click the web link under to download "The Mystery in New York City (Hardback)" document.

[Read PDF »](#)



[PDF] Doodle New York: Create. Imagine. Draw Your Way Through the Big Apple

Click the web link under to download "Doodle New York: Create. Imagine. Draw Your Way Through the Big Apple" document.

[Read PDF »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Click the web link under to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." document.

[Read PDF »](#)



[PDF] DK Readers Day at Greenhill Farm Level 1 Beginning to Read

Click the web link under to download "DK Readers Day at Greenhill Farm Level 1 Beginning to Read" document.

[Read PDF »](#)



[PDF] The Book of Books: Recommended Reading: Best Books (Fiction and Nonfiction) You Must Read, Including the Best Kindle Books Works from the Best-Selling Authors to the Newest Top Writers

Click the web link listed below to download "The Book of Books: Recommended Reading: Best Books (Fiction and Nonfiction) You Must Read, Including the Best Kindle Books Works from the Best-Selling Authors to the Newest Top Writers" document.

[Download Document »](#)



[PDF] Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Click the web link listed below to download "Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade" document.

[Download Document »](#)



[PDF] Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software

Click the web link listed below to download "Alfred s Kid s Guitar Course 1: The Easiest Guitar Method Ever!, Book, DVD Online Audio, Video Software" document.

[Download Document »](#)



[PDF] Swimming Lessons: and Other Stories from Firozsha Baag

Click the web link listed below to download "Swimming Lessons: and Other Stories from Firozsha Baag" document.

[Download Document »](#)



[PDF] A Little Wisdom for Growing Up: From Father to Son

Click the web link listed below to download "A Little Wisdom for Growing Up: From Father to Son" document.

[Download Document »](#)



[PDF] Molly on the Shore, BFMS 1 Study score

Click the web link listed below to download "Molly on the Shore, BFMS 1 Study score" document.

[Download Document »](#)