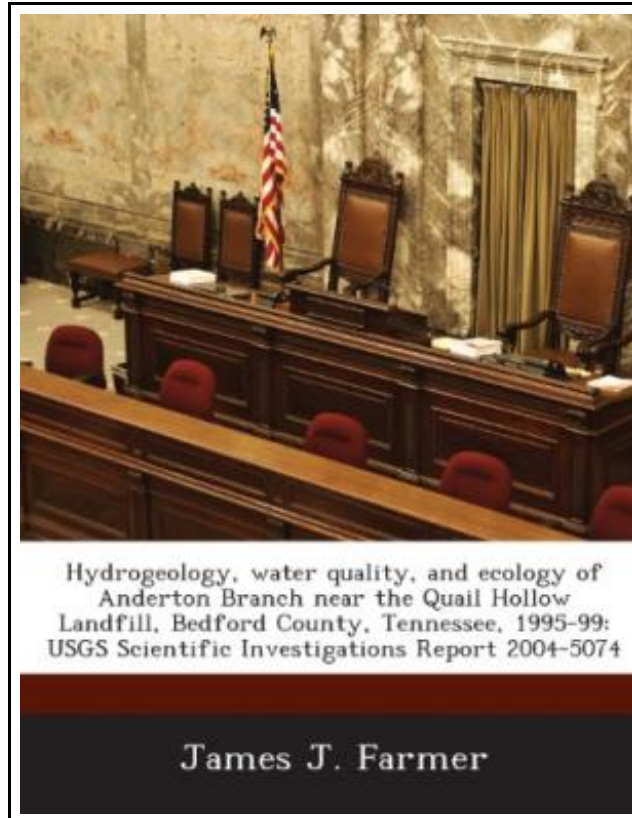


# Hydrogeology, Water Quality, and Ecology of Anderton Branch Near the Quail Hollow Landfill, Bedford County, Tennessee, 1995-99: Usgs Scientific Investigations Report 2004-5074



Filesize: 7.76 MB

## ***Reviews***

*This book is definitely worth purchasing. Indeed, it is actually perform, continue to an interesting and amazing literature. You may like how the blogger compose this publication.*

*(Gust Mayert V)*

## **HYDROGEOLOGY, WATER QUALITY, AND ECOLOGY OF ANDERTON BRANCH NEAR THE QUAIL HOLLOW LANDFILL, BEDFORD COUNTY, TENNESSEE, 1995-99: USGS SCIENTIFIC INVESTIGATIONS REPORT 2004-5074**

**DOWNLOAD**



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Quail Hollow Landfill, located in southeastern Bedford County on the Highland Rim overlooking the Central Basin karst region of Tennessee, is constructed on the gravelly, clay-rich residuum of the Fort Payne Formation of Mississippian age. A conceptual hydrologic model of the landfill indicated that Anderton Branch was at risk of being affected by the landfill. Ground water flowing beneath the landfill mixes with percolating rainwater that has passed through the landfill and discharges to the surface from numerous weeps, seeps, and springs present in the area. Anderton Branch, adjacent to the landfill site on the north and east, receives most of the discharge from these weeps, seeps, and springs. Anderton Branch also receives water from the Powell Branch drainage basin to the west and south because of diverted flow of ground water through Harrison Spring Cave. The U.S. Geological Survey, in cooperation with the Bedford County Solid Waste Authority, conducted a study to evaluate the effect of the Quail Hollow Landfill on ground- and surface-water quality. During storm runoff, specific conductance was elevated, and cadmium, iron, manganese, lead, and nickel concentrations in Anderton Branch frequently exceeded maximum contaminant levels for drinking water for the State of Tennessee. High chloride inputs to Anderton Branch were detected at two locations? a barnyard straddling the stream and a tributary draining a pond that receives water directly from the landfill. The chloride inputs probably contribute to chloride load levels that are three times higher for Anderton Branch than for the control stream Anthony Branch. Although toxic volatile organic compounds were detected in water from monitoring wells at the landfill, no organic contaminants were detected in domestic water wells adjacent to the landfill...



**[Read Hydrogeology, Water Quality, and Ecology of Anderton Branch Near the Quail Hollow Landfill, Bedford County, Tennessee, 1995-99: Usgs Scientific Investigations Report 2004-5074 Online](#)**



**[Download PDF Hydrogeology, Water Quality, and Ecology of Anderton Branch Near the Quail Hollow Landfill, Bedford County, Tennessee, 1995-99: Usgs Scientific Investigations Report 2004-5074](#)**

## Other PDFs



**Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read Book »](#)



**Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read Book »](#)



**Leila: Further in the Life and Destinies of Darcy Dancer, Gentleman (Donleavy, J. P.)**

Atlantic Monthly Press. PAPERBACK. Book Condition: New. 0871132885 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship...

[Read Book »](#)



**Growing Up: From Baby to Adult High Beginning Book with Online Access**

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

[Read Book »](#)



**Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School**

Book Condition: Brand New. Book Condition: Brand New.

[Read Book »](#)