

## Source, Transport, and Fate of Groundwater Contamination at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina: Usgs Scientific Invest



Filesize: 5.05 MB

### ***Reviews***

*A top quality publication along with the font used was intriguing to read. I really could comprehend everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.*




*(Cathrine Larkin Sr.)*

## **SOURCE, TRANSPORT, AND FATE OF GROUNDWATER CONTAMINATION AT SITE 45, MARINE CORPS RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA: USGS SCIENTIFIC INVEST**



To read **Source, Transport, and Fate of Groundwater Contamination at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina: Usgs Scientific Invest** eBook, make sure you refer to the button under and download the ebook or get access to additional information which are have conjunction with SOURCE, TRANSPORT, AND FATE OF GROUNDWATER CONTAMINATION AT SITE 45, MARINE CORPS RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA: USGS SCIENTIFIC INVEST book.

Bibliogov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 96 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. Groundwater contamination by tetrachloroethene and its dechlorination products is present in two partially intermingled plumes in the surficial aquifer near a former dry-cleaning facility at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina. The northern plume originates from the vicinity of former above-ground storage tanks. Free-phase tetrachloroethene from activities in this area entered the groundwater and the storm sewer. The southern plume originates at a nearby new dry-cleaning facility, but probably was the result of contamination released to the aquifer from a leaking sanitary sewer line from the former dry-cleaning facility. Discharge of dissolved groundwater contamination is primarily to leaking storm sewers below the water table. Extensive biodegradation of the contamination takes place in the surficial aquifer; however, the biodegradation is insufficient to reduce trichloroethene to less than milligram-per-liter concentrations prior to discharging into the storm sewers. The groundwater volatile organic compounds entering the storm sewers are substantially diluted by tidal flushing upon entry and are subject to volatilization as they are transported through the storm sewer to a discharge point in a tributary to Ballast Creek. TCE concentrations of about 2-6 micrograms per liter were present in storm-sewer water near the discharge point (sampled at manhole STS26). On three out of four sampling events at manhole STS14, the storm-sewer water contained no vinyl chloride. During a time of relatively high groundwater levels, however, 20 micrograms per liter of vinyl chloride was present in STS14 storm-sewer water. Because groundwater leaks into that storm sewer and because the storm sewer upgradient from manhole STS14 is adjacent to part of the aquifer where 2,290 micrograms per liter of vinyl chloride have been detected, there is a potential for substantially increased...

-  [Read Source, Transport, and Fate of Groundwater Contamination at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina: Usgs Scientific Invest Online](#)
-  [Download PDF Source, Transport, and Fate of Groundwater Contamination at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina: Usgs Scientific Invest](#)
-  [Download ePub Source, Transport, and Fate of Groundwater Contamination at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina: Usgs Scientific Invest](#)

## Other Books



### **[PDF] At-Home Tutor Language, Grade 2**

Follow the link under to read "At-Home Tutor Language, Grade 2" PDF file.

[Download ePub »](#)



### **[PDF] At-Home Tutor Math, Prekindergarten**

Follow the link under to read "At-Home Tutor Math, Prekindergarten" PDF file.

[Download ePub »](#)



### **[PDF] At-Home Tutor Math, Kindergarten**

Follow the link under to read "At-Home Tutor Math, Kindergarten" PDF file.

[Download ePub »](#)



### **[PDF] At-Home Tutor Reading, Prekindergarten**

Follow the link under to read "At-Home Tutor Reading, Prekindergarten" PDF file.

[Download ePub »](#)



### **[PDF] Yearbook Volume 15**

Follow the link under to read "Yearbook Volume 15" PDF file.

[Download ePub »](#)



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

Follow the link under to read "Molly on the Shore, BFMS 1 Study score" PDF file.

[Download ePub »](#)



**[PDF] Scholastic Discover More My Body**

Click the hyperlink under to download and read "Scholastic Discover More My Body" document.

[Download eBook »](#)



**[PDF] The Old Testament Cliffs Notes**

Click the hyperlink under to download and read "The Old Testament Cliffs Notes" document.

[Download eBook »](#)



**[PDF] Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online**

Click the hyperlink under to download and read "Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online" document.

[Download eBook »](#)



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

Click the hyperlink under to download and read "DK Readers Day at Greenhill Farm Level 1 Beginning to Read" document.

[Download eBook »](#)



**[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up**

Click the hyperlink under to download and read "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" document.

[Download eBook »](#)



**[PDF] God Loves You. Chester Blue**

Click the hyperlink under to download and read "God Loves You. Chester Blue" document.

[Download eBook »](#)