

# **Rainfall, Discharge, and Water-Quality Data During Stormwater Monitoring, July 1, 2008, to June 30, 2009: Halawa Stream Drainage Basin and the H-1 Storm Drain, Oahu, Hawaii: Open-File Report 2009-1162**



**Rainfall, Discharge, and Water-Quality Data During Stormwater Monitoring, July 1, 2008, to June 30, 2009: Halawa Stream Drainage Basin and the H-1 Storm Drain, Oahu, Hawaii: Open-File Report 2009-1162**

**U.S. Department of the Interior, United States Geological Survey (USGS), Todd K. Presley, Anonymous**

Filesize: 8.49 MB

## **Reviews**

*I actually started out reading this article publication. It is loaded with knowledge and wisdom Your way of life span is going to be transform as soon as you total reading this article pdf.  
(Mrs. Felicia Windler)*

**RAINFALL, DISCHARGE, AND WATER-QUALITY DATA DURING  
STORMWATER MONITORING, JULY 1, 2008, TO JUNE 30, 2009:  
HALAWA STREAM DRAINAGE BASIN AND THE H-1 STORM DRAIN,  
OAHU, HAWAII: OPEN-FILE REPORT 2009-1162**

**DOWNLOAD**



To read **Rainfall, Discharge, and Water-Quality Data During Stormwater Monitoring, July 1, 2008, to June 30, 2009: Halawa Stream Drainage Basin and the H-1 Storm Drain, Oahu, Hawaii: Open-File Report 2009-1162** PDF, please click the hyperlink listed below and save the document or have access to additional information that are relevant to **RAINFALL, DISCHARGE, AND WATER-QUALITY DATA DURING STORMWATER MONITORING, JULY 1, 2008, TO JUNE 30, 2009: HALAWA STREAM DRAINAGE BASIN AND THE H-1 STORM DRAIN, OAHU, HAWAII: OPEN-FILE REPORT 2009-1162** book.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Storm runoff water-quality samples were collected as part of the State of Hawaii Department of Transportation Stormwater Monitoring Program. The program is designed to assess the effects of highway runoff and urban runoff on Halawa Stream, and to assess the effects from the H-1 storm drain on Manoa Stream. For this program, rainfall data were collected at three stations, continuous discharge data at five stations, and water-quality data at six stations, which include the five continuous discharge stations. This report summarizes rainfall, discharge, and water-quality data collected between July 1, 2008, and June 30, 2009. Within the Halawa Stream drainage area, three storms (October 25 and December 11, 2008, and February 3, 2009) were sampled during July 1, 2008, to June 30, 2009. A total of 43 environmental samples were collected during these three storms. During the storm of October 25, 2009, 31 samples were collected and analyzed individually for metals only. The other 12 samples from the other two storms were analyzed for some or all of the following analytes: total suspended solids, total dissolved solids, nutrients, chemical oxygen demand, and selected trace metals (cadmium, chromium, copper, lead, and zinc). Additionally, grab samples were analyzed for some or all of the following analytes: oil and grease, total petroleum hydrocarbons, fecal coliform, and biological oxygen demand. Some grab and composite samples were analyzed for only a partial list of these analytes, either because samples could not be delivered to the laboratory in a timely manner, or an insufficient volume of sample was collected by the automatic samplers. Two quality-assurance/quality-control samples were collected after cleaning automatic sampler lines to verify that the sampling lines were not contaminated. Four environmental...



[\*\*Read Rainfall, Discharge, and Water-Quality Data During Stormwater Monitoring, July 1, 2008, to June 30, 2009: Halawa Stream Drainage Basin and the H-1 Storm Drain, Oahu, Hawaii: Open-File Report 2009-1162 Online\*\*](#)



[\*\*Download PDF Rainfall, Discharge, and Water-Quality Data During Stormwater Monitoring, July 1, 2008, to June 30, 2009: Halawa Stream Drainage Basin and the H-1 Storm Drain, Oahu, Hawaii: Open-File Report 2009-1162\*\*](#)

## Other PDFs

---



### [PDF] The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Click the hyperlink listed below to read "The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program" file.

[Save ePub »](#)

---



### [PDF] The Collected Short Stories of W. Somerset Maugham, Vol. 1

Click the hyperlink listed below to read "The Collected Short Stories of W. Somerset Maugham, Vol. 1" file.

[Save ePub »](#)

---



### [PDF] Ellen Gilchrist: Collected Stories

Click the hyperlink listed below to read "Ellen Gilchrist: Collected Stories" file.

[Save ePub »](#)

---



### [PDF] The Collected Stories of Elizabeth Bowen

Click the hyperlink listed below to read "The Collected Stories of Elizabeth Bowen" file.

[Save ePub »](#)

---



### [PDF] Max Finder Mystery Collected Casebook, Volume 7

Click the hyperlink listed below to read "Max Finder Mystery Collected Casebook, Volume 7" file.

[Save ePub »](#)

---



### [PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Click the hyperlink listed below to read "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" file.

[Save ePub »](#)