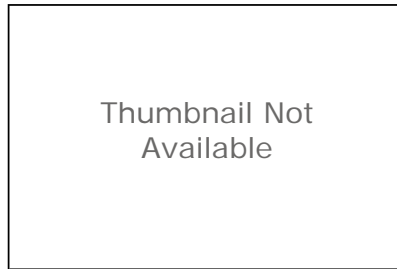


Biological Assessment of the Streams in the District of Columbia



Tags

WADEABLE STREAMS, Habitat, Watersheds, Streams, BENTHOS, WATER QUALITY, biota, environment, Biology, Ecology, Ecosystem, Environment, Indicator, Marine, Monitoring, Quality, Surface Water, Water, Benthos, Macro Invertebrates, Water Quality, Wateshed

Summary

To assess the quality of streams in the District of Columbia.

Description

The mission of the Water Quality Division is to restore and protect the surface and ground waters of the District of Columbia. The Program was established under the authorities of the DC Water Pollution Control Act and the federal Clean Water Act (CWA). Program Components: 1) Water Quality Control-The Water Quality Control component fulfills the function of policy planning as well as regulatory control of surface water, ground water and wetlands. In addition, it conducts special studies on pollutant fate and transport to identify probable sources and impacts, river/stream sediment and water column quality not covered by ambient monitoring, wet weather non-point source runoff quantity and quality, and discharge-related facility inspections. It also tracks permit violations. 2) Water Quality Monitoring-Water Quality Monitoring functions encompass water-body assessment; collection of ambient water quality data; periodic fish tissue analysis for parameters of concern such as PCB, chlordane, and DDT; periodic submerged aquatic vegetation survey; and bioassessment of wetlands and river fringes. 3) Environmental Laboratory-The Environmental Laboratory is charged with the analysis of samples for a variety of chemical parameters.

Credits

There are no credits for this item.

Use limitations

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Citation ►

TITLE Biological Assessment of the Streams in the District of Columbia

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Resource Details ►

CREDITS

[Hide Resource Details ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

Use at your own risk

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Metadata Details ►

* LAST UPDATE 2011-12-21

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO

CREATED IN ARCGIS 2010-03-30T13:19:05

LAST MODIFIED IN ARCGIS 2011-12-21T11:02:04

AUTOMATIC UPDATES

HAVE BEEN PERFORMED No

[Hide Metadata Details ▲](#)

FGDC Metadata (read-only) ►

Identification ►

CITATION

CITATION INFORMATION

ORIGINATOR Department of the Environment, Natural Resources Administration, Water Quality Division

PUBLICATION DATE 2013-04-24

TITLE

Biological Assessment of the Streams in the District of Columbia

PUBLICATION INFORMATION

PUBLICATION PLACE Annapolis, MD

PUBLISHER Chesapeake Bay Program (CBP)

ONLINE LINKAGE http://data.chesapeakebay.net/?DB=CBP_NTBENDB

ONLINE LINKAGE

http://www.chesapeakebay.net/data/downloads/watershed_wide_benthic_invertebrate_database

ONLINE LINKAGE

http://ddoe.dc.gov/ddoe/cwp/view,a,1209,q,494812,ddoeNav_GID,1486,ddoeNav,%7C31375%7C31377%7C,.asp

DESCRIPTION

ABSTRACT

The mission of the Water Quality Division is to restore and protect the surface and ground waters of the District of Columbia. The Program was established under the authorities of the DC Water Pollution Control Act and the federal Clean Water Act (CWA).

Program Components:

1) Water Quality Control-The Water Quality Control component fulfills the function of policy planning as well as regulatory control of surface water, ground water and wetlands. In addition, it conducts special studies on pollutant fate and transport to identify probable sources and impacts, river/stream sediment and water column quality not covered by ambient monitoring, wet weather non-point source runoff quantity and quality, and discharge-related facility inspections. It also tracks permit violations.

2) Water Quality Monitoring-Water Quality Monitoring functions encompass water-body assessment; collection of ambient water quality data; periodic fish tissue analysis for

parameters of concern such as PCB, chlordane, and DDT; periodic submerged aquatic vegetation survey; and bioassessment of wetlands and river fringes.

3) Environmental Laboratory-The Environmental Laboratory is charged with the analysis of samples for a variety of chemical parameters.

PURPOSE

To assess the quality of streams in the District of Columbia.

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 20060619-Present

CURRENTNESS REFERENCE

Ground condition

STATUS

PROGRESS In work

MAINTENANCE AND UPDATE FREQUENCY Irregular

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -77.106983

EAST BOUNDING COORDINATE -76.913717

NORTH BOUNDING COORDINATE 38.988

SOUTH BOUNDING COORDINATE 38.815883

KEYWORDS

THEME

THEME KEYWORD THESAURUS None

THEME KEYWORD WADEABLE STREAMS

THEME KEYWORD Habitat

THEME KEYWORD Watersheds

THEME KEYWORD Streams

THEME KEYWORD BENTHOS

THEME KEYWORD WATER QUALITY

THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD biota

THEME KEYWORD environment

THEME

THEME KEYWORD THESAURUS EPA GIS Keyword Thesaurus

THEME KEYWORD Biology

THEME KEYWORD Ecology

THEME KEYWORD Ecosystem

THEME KEYWORD Environment

THEME KEYWORD Indicator

THEME KEYWORD Marine

THEME KEYWORD Monitoring

THEME KEYWORD Quality

THEME KEYWORD Surface Water

THEME KEYWORD Water

THEME

THEME KEYWORD THESAURUS User
 THEME KEYWORD Benthos
 THEME KEYWORD Macro Invertebrates
 THEME KEYWORD Water Quality
 THEME KEYWORD Watershed

PLACE

PLACE KEYWORD THESAURUS None
 PLACE KEYWORD District of Columbia
 PLACE KEYWORD City of Washington

ACCESS CONSTRAINTS

None

USE CONSTRAINTS

Use at your own risk

POINT OF CONTACT

CONTACT INFORMATION

CONTACT PERSON PRIMARY

CONTACT PERSON Lucretia Brown

CONTACT ORGANIZATION District Department of the Environment, Natural Resources
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CONTACT INSTRUCTIONS

Not Available

SECURITY INFORMATION

SECURITY CLASSIFICATION SYSTEM FIPS Pub 199

SECURITY CLASSIFICATION No Confidentiality

SECURITY HANDLING DESCRIPTION Standard Technical Controls

Hide Identification ▲

Data Quality ►

LOGICAL CONSISTENCY REPORT

Not applicable

COMPLETENESS REPORT

Unknown

POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY REPORT

Data were collected using methods that are accurate to within 6-25 meters (EPA National Geospatial Data Policy [NGDP] Accuracy Tier 3). For more information, please see EPA's NGDP at <http://epa.gov/geospatial/policies.html>

LINEAGE

PROCESS STEP

PROCESS DESCRIPTION

Metadata imported.

PROCESS DATE 2010-03-30

PROCESS STEP

PROCESS DESCRIPTION

Data was loaded into the CBPO Non-Tidal Benthic Data base.

PROCESS DATE 2011-12-31

Hide Data Quality ▲

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION

GEOGRAPHIC

LATITUDE RESOLUTION 0.000001

LONGITUDE RESOLUTION 0.000001

GEOGRAPHIC COORDINATE UNITS Decimal degrees

GEODETTIC MODEL

HORIZONTAL DATUM NAME North American Datum of 1983

ELLIPSOID NAME Geodetic Reference System 1980

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257222

Hide Spatial Reference ▲

Distribution Information ►

DISTRIBUTOR

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unavailavle

RESOURCE DESCRIPTION Downloadable Data

DISTRIBUTION LIABILITY

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AVAILABLE TIME PERIOD

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 2003-06-19

ENDING DATE 2009-05-21

Hide Distribution Information ▲

Metadata Reference ►

METADATA DATE 2013-04-24

METADATA FUTURE REVIEW DATE 2017-04-24

METADATA CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION U.S. Environmental Protection Agency, Chesapeake Bay Program

CONTACT PERSON Peter Tango

CONTACT POSITION Monitoring Coordinator

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<http://www.chesapeakebay.net>

METADATA STANDARD NAME NBII Content Standard for National Biological Information Infrastructure Metadata

METADATA STANDARD VERSION FGDC-STD-001-1998

METADATA SECURITY INFORMATION

METADATA SECURITY CLASSIFICATION SYSTEM None

METADATA SECURITY CLASSIFICATION Unclassified

METADATA SECURITY HANDLING DESCRIPTION

None

Hide Metadata Reference ▲