

# Denver, Colorado Instream Sampling Sites

## Metadata

### Identification Information

#### Citation

##### Citation Information

##### Originator

City and County of Denver, Department of Environmental Health

##### Publication Date

20110615

##### Title

Instream Sampling Sites

##### Geospatial Data Presentation Form

vector digital data

### Description

#### Abstract

Points on Cherry Creek, the South Platte River, and other tributaries where water samples are taken by Denver Environmental Health (DEH) personnel for the purpose of water quality monitoring and analysis.

#### Purpose

Shows the locations of Cherry Creek, South Platte River and other Denver Environmental Health (DEH) instream water quality monitoring sites. Allows data collected at these sites to be mapped spatially and temporally.

### Status

#### Progress

Complete

#### Maintenance and Update Frequency

As needed

### Spatial Domain

#### Bounding Coordinates

##### West Bounding Coordinate

-105.100042

##### East Bounding Coordinate

-104.856556

##### North Bounding Coordinate

39.798159

##### South Bounding Coordinate

39.566909

### Keywords

#### Theme

##### Theme Keyword Thesaurus

None

##### Theme Keyword

water quality

#### Theme

##### Theme Keyword Thesaurus

ISO 19115 Topic Categories

**Theme Keyword**

biota

**Theme Keyword**

environment

**Theme Keyword**

inlandWaters

**Place**

**Place Keyword Thesaurus**

None

**Place Keyword**

Denver

**Place Keyword**

Denver County

**Place Keyword**

Colorado

**Place Keyword**

USA

**Access Constraints**

None

**Use Constraints**

ACCESS CONSTRAINTS: None.USE CONSTRAINTS:The City and County of Denver is not responsible and shall not be liable to the user for damages of any kind arising out of the use of data or information provided by the City and County of Denver, including the installation of the data or information, its use, or the results obtained from its use.ANY DATA OR INFORMATION PROVIDED BY THE City and County of Denver IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Data or information provided by the City and County of Denver shall be used and relied upon only at the user's sole risk, and the user agrees to indemnify and hold harmless the City and County of Denver, its officials, officers and employees from any liability arising out of the use of the data/information provided.NOT FOR ENGINEERING PURPOSES

**Data Set Credit**

City and County of Denver, Department of Environmental Health

**Security Information**

**Security Classification System**

AVAILABLE

**Security Classification**

Unclassified

**Security Handling Description**

Available to the public and accessible through the Denver's Open Data Catalog, <http://data.denvergov.org/>

**Native Data Set Environment**

Version 6.2 (Build 9200) ; Esri ArcGIS 10.4.1.5686

**Spatial Data Organization Information**

**Direct Spatial Reference Method**

Vector

**Point and Vector Object Information**

**SDTS Terms Description**

SDTS Point and Vector Object Type

Entity point

Point and Vector Object Count

318

Spatial Reference Information

Horizontal Coordinate System Definition

Geographic

Latitude Resolution

8.983152841195215e-009

Longitude Resolution

8.983152841195215e-009

Geographic Coordinate Units

Decimal Degrees

Geodetic Model

Horizontal Datum Name

D WGS 1984

Ellipsoid Name

WGS 1984

Semi-major Axis

6378137.0

Denominator of Flattening Ratio

298.257223563

Entity and Attribute Information

Detailed Description

Entity Type

Entity Type Label

ENV\_INSTREAMSAMPLITESITES\_P

Entity Type Definition

City and County of Denver Dept of Environmental Health water quality monitoring sites

Entity Type Definition Source

DEH GIS

Attribute

Attribute Label

OBJECTID

Attribute Definition

Internal feature number.

Attribute Definition Source

ESRI

Attribute Domain Values

Unrepresentable Domain

Sequential unique whole numbers that are automatically generated.

Attribute

Attribute Label

SHAPE

Attribute Definition

Feature geometry.

Attribute Definition Source

ESRI

**Attribute Domain Values**

**Unrepresentable Domain**

Coordinates defining the features.

**Attribute**

**Attribute Label**

SITE

**Attribute Definition**

Sampling location identification number.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

LOCATION\_COMMENTS

**Attribute Definition**

Describes how coordinates were determined.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

SITE\_COMMENTS

**Attribute Definition**

Comments and/or description of site.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

STREAMID

**Attribute Definition**

Stream from which samples are collected.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

LOCATION\_TYPE

**Attribute Definition**

Sampling location description: instream, confluence, mixing zone, etc.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

TREND

**Attribute Definition**

Long-term monitoring site.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

HIGH\_USE

**Attribute Definition**

Site monitored to assess public health risks in areas with heavy recreational use.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

BENTHIC

**Attribute Definition**

Benthic macroinvertebrate monitoring location.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

BENTHIC\_CORE

**Attribute Definition**

Key or core benthic macroinvertebrate monitoring location.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

FOCUS\_STUDY

**Attribute Definition**

Sampling location used for a special study or for evaluation of a particular focus area.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

OTHER

**Attribute Definition**

Site sampled for other purpose and description of purpose.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

HOTLINK

**Attribute Definition**

Hotlink to photograph of sampling location.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute**

**Attribute Label**

X\_COORDINATE\_1

**Attribute Definition**

X coordinate in State Plane. A value that represents the distance from an origin (0,0) along the horizontal axis (x). On a map, x,y coordinates are used to represent features at the location they are found on the earth's spherical surface.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute****Attribute Label**

Y\_COORDINATE\_1

**Attribute Definition**

Y coordinate in State Plane. A values that represents the distance from an origin (0,0) along the vertical axis (y). On a map, x,y coordinates are used to represent features at the location they are found on the earth's spherical surface.

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute****Attribute Label**

LATITUDE

**Attribute Definition**

The angular distance, usually measured in degrees north or south of the equator. Lines of latitude are also referred to as parallels.

**Attribute Definition Source**

ESRI

**Attribute****Attribute Label**

LONGITUDE

**Attribute Definition**

The angular distance, usually expressed in degrees, minutes, and seconds, of the location of a point on the earth's surface east or west of an arbitrarily defined meridian (usually the Greenwich prime meridian). All lines of longitude are great circles that intersect the equator and pass through the North and South Poles.

**Attribute Definition Source**

ESRI

**Attribute****Attribute Label**

DATUM\_1

**Attribute Definition**

State Plane Datum. The reference specifications of a measurement system, usually a system of coordinate positions on a surface (a horizontal datum) or heights above or below a surface (a vertical datum).

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Attribute****Attribute Label**

DATUM\_2

**Attribute Definition**

Geographic coordinate datum. The reference specifications of a measurement system, usually a system of coordinate positions on a surface (a horizontal datum) or heights above or below a surface (a vertical datum).

**Attribute Definition Source**

Denver Environmental Health - Environmental Quality

**Distribution Information****Distributor****Contact Information****Contact Organization Primary****Contact Organization**

City and County of Denver, Technology Services / Denver GIS Data

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mailing and physical

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**Hours of Service**

M-F 8:00am - 4:00pm (MT)

**Distribution Liability**

The City and County of Denver's GIS information should be used for planning and design purposes only. This information should not be used for emergency services, engineering purposes, relied upon for survey control, or used as a legal document.

**Metadata Reference Information****Metadata Date**

20170219

**Metadata Standard Name**

FGDC Content Standard for Digital Geospatial Metadata

**Metadata Standard Version**

FGDC-STD-001-1998

**Metadata Time Convention**

local time