

Denver, Colorado Sanitary Sewer Mains

Metadata

Identification Information

Citation

Citation Information

Originator

Public Works - Wastewater Management Division

Title

Sanitary Sewer Mains

Geospatial Data Presentation Form

vector digital data

Other Citation Details

Public Works Wastewater infrastructure geometry and tabular data are continually edited, updated and published weekly.

Description

Abstract

City and County of Denver Wastewater Management Sanitary Facility Data - Sanitary Sewer mains.

Purpose

To support the business functions of the City and County of Denver Wastewater Management Division

Supplemental Information

Public Works Wastewater infrastructure geometry and tabular data are continually edited, updated, and published weekly.

Status

Progress

In work

Maintenance and Update Frequency

Continually

Spatial Domain

Bounding Coordinates

West Bounding Coordinate

-105.109419

East Bounding Coordinate

-104.734817

North Bounding Coordinate

39.827546

South Bounding Coordinate

39.612416

Keywords

Theme

Theme Keyword Thesaurus

None

Theme Keyword

wastewater

Theme

Theme Keyword Thesaurus

ISO 19115 Topic Categories

Theme Keyword

utilitiesCommunication

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 any user or recipient 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, AND THE RECIPIENT HEREBY WAIVES ANY AND ALL SUCH WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND 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, reproduction or dissemination of the data/information provided.NOT FOR ENGINEERING PURPOSES

Data Set Credit

Denver Public Works - Wastewater Management Division

Security Information

Security Classification System

AVAILABLE

Security Classification

Unclassified

Security Handling Description

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

Native Data Set Environment

Microsoft Windows Server 2008 R2 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.2.3200

Spatial Data Organization Information

Direct Spatial Reference Method

Vector

Point and Vector Object Information

SDTS Terms Description

SDTS Point and Vector Object Type

String

Point and Vector Object Count

54857

Spatial Reference Information

Horizontal Coordinate System Definition

Geographic

Latitude Resolution

8.9831546267420293e-009

Longitude Resolution

8.9831546267420293e-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

PWWMD_INF_SANMAIN_L

Entity Type Definition

City and County of Denver Wastewater Management Sanitary Facility Data - Sanitary Sewer Mains.

Entity Type Definition Source

Denver Public Works - Wastewater Management Division

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

FACILITYID

Attribute Definition

Unique identifier for each feature.

Attribute Definition Source

Auto-populated by PWWMD data model application.

Attribute

Attribute Label

LIFECYCLESTATUS

Attribute Definition

Status of the feature as defined on the As-Built. It will be indicated as one of the following: Potential, Active, Abandoned, Removed, Under Construction, or Inactive.

Attribute Definition Source

PWWMD Project As-Built

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Potential

Enumerated Domain Value Definition

Potenital

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Active

Enumerated Domain Value Definition

Active

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Abandoned

Enumerated Domain Value Definition

Abandoned

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Removed

Enumerated Domain Value Definition

Removed

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Under Construction

Enumerated Domain Value Definition

Under Construction

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Inactive

Enumerated Domain Value Definition

Inactive

Attribute

Attribute Label

OWNER

Attribute Definition

Entity that owns and maintains the facility.

Attribute Definition Source

PWWMD Project As-Built

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DDIA

Enumerated Domain Value Definition

Denver/Agency - DIA

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DDWD

Enumerated Domain Value Definition

Denver/Agency - DWD

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DGEN

Enumerated Domain Value Definition

Denver/Agency - General

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DOTH

Enumerated Domain Value Definition

Denver/Agency - Other

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DPKS

Enumerated Domain Value Definition

Denver/Agency - Parks

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DPUB

Enumerated Domain Value Definition

Denver/Public

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DSIA

Enumerated Domain Value Definition

Denver/Agency - SIA (Department of Aviation facilities) - Past Owner Type.

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

METRO

Enumerated Domain Value Definition

Metro

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

OTHR

Enumerated Domain Value Definition

Other

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PRIV

Enumerated Domain Value Definition

Private

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

FDST

Enumerated Domain Value Definition

FederalState

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

NDPUB

Enumerated Domain Value Definition

Non-Denver Public

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

UNKN

Enumerated Domain Value Definition

Unknown

Attribute

Attribute Label

SUBTYPE

Attribute Definition

Subsets of the features in the feature class.

Attribute Definition Source

PWWMD Project As-Built

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

1

Enumerated Domain Value Definition

Collector

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

2

Enumerated Domain Value Definition

Box Culvert

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

3

Enumerated Domain Value Definition

Detention Pipe

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

4

Enumerated Domain Value Definition

Inverted Siphon

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

5

Enumerated Domain Value Definition

Stubout

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

6

Enumerated Domain Value Definition

Encased

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

7

Enumerated Domain Value Definition

Interceptor

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

8

Enumerated Domain Value Definition

Pretreatment Service

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

9

Enumerated Domain Value Definition
Industrial Waste Sample Service

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
10
Enumerated Domain Value Definition
Force

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
99
Enumerated Domain Value Definition
Unknown

Attribute
Attribute Label
INSTALLDATE
Attribute Definition
Date the facilities were installed.
Attribute Definition Source
PWWMD Project As-Built

Attribute
Attribute Label
SHAPE
Attribute Definition
Feature geometry.
Attribute Definition Source
ESRI
Attribute Domain Values
Unrepresentable Domain
Coordinates defining the features.

Attribute
Attribute Label
DOWNSTREAMNODEID
Attribute Definition
Facility ID of point on the downstream end of pipe.
Attribute Definition Source
Auto-populated by PWWMD data model application.

Attribute
Attribute Label
UPSTREAMNODEID
Attribute Definition
Facility ID of point on the upstream end of pipe.
Attribute Definition Source
Auto-populated by PWWMD data model application.

Attribute

Attribute Label

PIPETYPE

Attribute Definition

Material from which pipe is constructed.

Attribute Definition Source

PWWMD Project As-Built

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

UNKN

Enumerated Domain Value Definition

Unknown

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

VCP

Enumerated Domain Value Definition

Vitrified Clay Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVC

Enumerated Domain Value Definition

Polyvinylchloride Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

RCP

Enumerated Domain Value Definition

Reinforced Concrete Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PCRCB

Enumerated Domain Value Definition

Pre-Cast Concrete Box

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

RCB

Enumerated Domain Value Definition

Reinforced Concrete Box

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

CAP

Enumerated Domain Value Definition

Corrugated Aluminum Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

CP

Enumerated Domain Value Definition

Non-Reinforced Concrete Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

BRICK

Enumerated Domain Value Definition

Brick Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

ABS

Enumerated Domain Value Definition

ABS Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

HDPE

Enumerated Domain Value Definition

High Density Polyethylene Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

CMP

Enumerated Domain Value Definition

Corrugated Metal Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

CIP

Enumerated Domain Value Definition

Cast Iron Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

DIP

Enumerated Domain Value Definition

Ductile Iron Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

STEEL

Enumerated Domain Value Definition

Steel Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

IRON

Enumerated Domain Value Definition

Iron Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

ALUM

Enumerated Domain Value Definition

Aluminum Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

EARTH

Enumerated Domain Value Definition

Grass/Earth Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

OTHER

Enumerated Domain Value Definition

Other Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

OTHRP

Enumerated Domain Value Definition

Other - Plastic Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

CCFRPM

Enumerated Domain Value Definition

Centrifugally Cast Fiberglass Reinforced Polymer Mortar Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

ASP

Enumerated Domain Value Definition

Aluminized Steel Pipe

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

WOOD

Enumerated Domain Value Definition

Wood Pipe

Enumerated Domain Value Definition Source
PipeMaterial Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
CONC

Enumerated Domain Value Definition
Concrete

Enumerated Domain Value Definition Source
PipeMaterial Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
PVCC900

Enumerated Domain Value Definition
Polyvinylchloride Pipe C900

Enumerated Domain Value Definition Source
PipeMaterial Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
PVCC900CL50

Enumerated Domain Value Definition
Polyvinylchloride Pipe C900 CL50

Enumerated Domain Value Definition Source
PipeMaterial Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
PVCC900CL150

Enumerated Domain Value Definition
Polyvinylchloride Pipe C900 CL150

Enumerated Domain Value Definition Source
PipeMaterial Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
PVCC900DR18

Enumerated Domain Value Definition
Polyvinylchloride Pipe C900 DR

Enumerated Domain Value Definition Source
PipeMaterial Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
PVCC905DR25

Enumerated Domain Value Definition

Polyvinylchloride Pipe C905 DR25

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR8

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR8

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR14

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR14

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR18

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR18

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR25

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR25

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR35

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR35

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR35CL50

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR35 CL50

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCDR38

Enumerated Domain Value Definition

Polyvinylchloride Pipe DR3

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PVCD2241CL16

Enumerated Domain Value Definition

Polyvinylchloride Pipe D2241 CL160

Enumerated Domain Value Definition Source

PipeMaterial Domain

Attribute

Attribute Label

PIPELENGTH

Attribute Definition

Linear extent from one end of pipe to the other expressed in feet.

Attribute Definition Source

PWWMD Project As-Built

Attribute

Attribute Label

PIPESHAPE

Attribute Definition

Represents the "bottom size" of a pipe, necessary to properly describe the shape. Bsize will equal the Hsize for all pipes that have a PIPESHAPE = BOX.

Attribute Definition Source

PWWMD Project As-Built

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PUNK

Enumerated Domain Value Definition

Unknown

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

CIRC

Enumerated Domain Value Definition

Circular

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

PBOX

Enumerated Domain Value Definition

Box

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

TRAP

Enumerated Domain Value Definition

Trapezoid

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

TRIA

Enumerated Domain Value Definition

Triangle

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

UUUU

Enumerated Domain Value Definition

U

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

INVU

Enumerated Domain Value Definition

Inverted U

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

23EG

Enumerated Domain Value Definition

2/3 Egg

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

43HO

Enumerated Domain Value Definition

4/3 Horseshoe

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

VERO

Enumerated Domain Value Definition

Vertical Oval

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

HORO

Enumerated Domain Value Definition

Horizontal Oval

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

GVE1

Enumerated Domain Value Definition

General Vertical Elliptical

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

GHE1

Enumerated Domain Value Definition

General Horizontal Elliptical

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
C5VE
Enumerated Domain Value Definition
ASTM C-507 Vertical Elliptical
Enumerated Domain Value Definition Source
Pipeshapes Domain

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
C5HE
Enumerated Domain Value Definition
ASTM C-507 Horizontal Elliptical
Enumerated Domain Value Definition Source
Pipeshapes Domain

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
AVGA
Enumerated Domain Value Definition
Average Arch
Enumerated Domain Value Definition Source
Pipeshapes Domain

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
CONA
Enumerated Domain Value Definition
Reinforced Concrete (ASTM C-506) Arch
Enumerated Domain Value Definition Source
Pipeshapes Domain

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
CMA1
Enumerated Domain Value Definition
Corrugated Metal (3x1) Arch
Enumerated Domain Value Definition Source
Pipeshapes Domain

Attribute Domain Values
Enumerated Domain
Enumerated Domain Value
CMA2
Enumerated Domain Value Definition
Corrugated Metal (2-2/3 x 1/2) Arch
Enumerated Domain Value Definition Source
Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

SA18

Enumerated Domain Value Definition

Structural Steel (6x2, Rc-18) Arch

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

BRICK

Enumerated Domain Value Definition

Brick

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

SA31

Enumerated Domain Value Definition

Structural Steel (6x2, Rc-31) Arch

Enumerated Domain Value Definition Source

Pipeshapes Domain

Attribute

Attribute Label

HSIZE

Attribute Definition

Horizontal measurement of pipe expressed in inches.

Attribute Definition Source

PWWMD Project As-Built

Attribute

Attribute Label

VSIZE

Attribute Definition

Vertical measurement of pipe expressed in inches.

Attribute Definition Source

PWWMD Project As-Built

Attribute

Attribute Label

SLOPE

Attribute Definition

Degree of slant to a pipe expressed as a percentage. The slope or gradient of a line describes its steepness, incline, or grade. A higher slope value indicates a steeper incline.

Attribute Definition Source

PWWMD Project As-Built

Attribute

Attribute Label

MODIFIER

Attribute Definition

Descriptive value for facility.

Attribute Definition Source

PWWMD Project As-Built

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

None

Enumerated Domain Value Definition

None

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Jacked

Enumerated Domain Value Definition

Jacked

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Bored

Enumerated Domain Value Definition

Bored

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Tunneled

Enumerated Domain Value Definition

Tunneled

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Cased - General

Enumerated Domain Value Definition

Cased - General

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Cased - Steel

Enumerated Domain Value Definition

Cased - Steel

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Cased - Other

Enumerated Domain Value Definition

Cased - Other

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - General

Enumerated Domain Value Definition

Concrete Encased - General

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Full (Plain)

Enumerated Domain Value Definition

Concrete Encased - Full (Plain)

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Full (Reinforced)

Enumerated Domain Value Definition

Concrete Encased - Full (Reinforced)

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Cradle (Plain)

Enumerated Domain Value Definition

Concrete Encased - Cradle (Plain)

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Cradel (Reinforced)

Enumerated Domain Value Definition

Concrete Encased - Cradel (Reinforced)

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Cap (Plain)

Enumerated Domain Value Definition

Concrete Encased - Cap (Plain)

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Cap (Reinforced)

Enumerated Domain Value Definition

Concrete Encased - Cap (Reinforced)

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Concrete Encased - Other

Enumerated Domain Value Definition
Concrete Encased - Other

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
Lined - CIPP

Enumerated Domain Value Definition
Lined - CIPP

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
Slip Lined

Enumerated Domain Value Definition
Slip Lined

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
Lined - Other

Enumerated Domain Value Definition
Lined - Other

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
Rehabilitated

Enumerated Domain Value Definition
Rehabilitated

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
Other

Enumerated Domain Value Definition
Other

Attribute Domain Values

Enumerated Domain
Enumerated Domain Value
Abandoned

Enumerated Domain Value Definition
Abandoned

Attribute

Attribute Label
PIPEINFO

Attribute Definition

Concatenation of pipe length, pipe diameter (or vertical size if other than circular), type and slope.

Attribute Definition Source

Auto-populated by PWWMD data model application.

Attribute

Attribute Label

UPSTREAMINVERT

Attribute Definition

Elevation from sea level of upstream invert on pipe.

Attribute Definition Source

PWWMD Project As-Built

Attribute

Attribute Label

DOWNSTREAMINVERT

Attribute Definition

Elevation from sea level of downstream invert on pipe.

Attribute Definition Source

PWWMD Project As-Built

Attribute

Attribute Label

REHABDATE

Attribute Definition

Year main was rehabilitated.

Attribute Definition Source

PWWMD - John Gaines

Attribute

Attribute Label

SHAPE_Length

Attribute Definition

Length of feature in internal units.

Attribute Definition Source

Esri

Attribute Domain Values

Unrepresentable Domain

Positive real numbers that are automatically generated.

Detailed Description

Entity Type

Entity Type Label

PWWMD_MANAGER.SanMainHasPipeDir

Distribution Information

Distributor

Contact Information

Contact Organization Primary

Contact Organization

City and County of Denver, Technology Services / Enterprise Data Management

Contact Address

Address Type

mailing and physical

Address

201 W Colfax Ave, Dept 301

City

Denver
State or Province
CO
Postal Code
80202
Country
US

Contact Voice Telephone
720-913-1311

Contact Electronic Mail Address
denvergis@denvergov.org

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
20131011

Metadata Standard Name
FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version
FGDC-STD-001-1998

Metadata Time Convention
local time