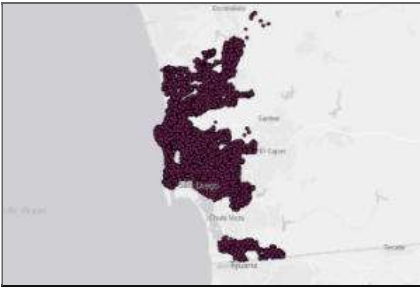


# DRAIN\_STRUCTURE



## Tags

drain structure, drain infrastructure, City of San Diego, MS4, inlets, outlets, outfalls, cleanouts

## Summary:

To represent the location and attributes of storm drain structures and to associate maintenance work for storm drain structures via a map from GIS/SAP Work Management System.

**Feature Type:** Point

**Number of Records:** 58366

**Publication Date:** 2023-09-14

**Date of Data (Temporal Period Extent):** 2023-09-09

**Extent:** The spatial extent of this dataset is the City of San Diego. The temporal extent is variable.

Extent in Longitude Latitude

**North** 33.114782  
**West** -117.285133    **East** -116.927498  
**South** 32.540222

Extent in the item's coordinate system

**North** 1985502.672023  
**West** 6244743.759405    **East** 6352796.229651  
**South** 1778443.999855

## Description:

This dataset contains storm drain structures used for Public Works GIS/SAP Work Management System. The layer is created and maintained to ensure that infrastructure is represented in the appropriate spatial context with sufficient attribution to determine structural material, sizes, and configurations.

## Credits:

City of San Diego, Stormwater Department

## Use Limitation:

This data is collected from various sources and will change over time without notice. In using the data, users should be aware that some of these data are generalized and not parcel based, and were created for use in regional projects. While SanGIS and City of San Diego believes the data is accurate and properly functioning, SanGIS and City of San Diego disclaims any responsibility for the accuracy or correctness of the data. This data is provided on an "AS IS", "AS AVAILABLE" and "WITH ALL FAULTS" basis. SanGIS and City of San Diego makes no warranties, express or implied, including but not limited to any warranties of merchantability or fitness for a particular purpose, nor shall the distribution of this information constitute any warranty. In no event shall SanGIS and City of San Diego become liable to users of these data, or any other party, for any loss or damages, consequential or otherwise, including but not limited to time, money, or goodwill, arising from the use, operation or modification of the data. In using these data, you further agree to indemnify, defend, and hold harmless SanGIS and City of San Diego for any and all liability of any nature arising out of or resulting from the lack of accuracy or correctness of the data, or the use of the data.

## Topics and Keywords

Themes:

drainage

Places:

City of San Diego

## Resource Details:

Status: On Going  
Type: Vector  
Update Frequency: Weekly  
Next Update: Not specified

## Spatial Reference System:

Type: Projected  
Reference: GCS\_North\_American\_1983  
Projection: NAD\_1983\_StatePlane\_California\_VI\_FIPS\_0406\_Feet

Identifier: 2230  
Codespace: EPSG  
Version: 5.3(9.0.0)

## Contacts:

Point of Contact

Maggie McCormick, Senior Civil Engineer  
City of San Diego, Stormwater Department  
858-541-4348

Distributor

SanGIS  
5510 Overland Avenue Suite 230  
San Diego, CA. 92123  
Data Librarian  
Data Librarian

## Distribution Ordering Instructions:

Downloadable as a Shapefile from <https://rdw.sandag.org>

## Fields:

### Overview:

This layer contains the spatial locations and structural and descriptive attribution associated with storm drain structures within the City of San Diego

### Citation:

City of San Diego, Stormwater Department

### **\_\_FID (OID)**

Internal feature number.

### **DRAIN (Integer)**

Drain Structure ID is a legacy field that was a unique identifier in the GIS/SAP management system. It has been superseded by IAMFLOC and SAPOBJNR fields.

### **GISID (String)**

GIS ID is a legacy field that was a unique identifier in the GIS/SAP management system. It has been superseded by IAMFLOC and SAPOBJNR fields.

### **EQPID (String)**

Equipment No for SAP system (internal). This is a legacy field that was a unique identifier in the GIS/SAP management system. It has been superseded by IAMFLOC and SAPOBJNR fields.

### **SAPID (String)**

Functional Location No for SAP system (internal). This is a legacy field that was a unique identifier in the GIS/SAP management system. It has been superseded by IAMFLOC and SAPOBJNR fields.

### **CODE (String)**

Structure Types

Code; Description

C; CAP

M; CLEANOUT

L; CONNECTOR

S; DESILTING BASIN

D; DROP MANHOLE (INLET)

E; ENERGY DISSIPATOR

H; HEADWALL

I; INLET

G; LOW FLOW DIVERSION

O; OUTLET

F; SEWER CONNECTOR

A; SPILLWAY

T; TIDE GATE

X; UNKNOWN

W; WEEP SUMP

### **ELEVATION (Double)**

Ground surface (rim) elevation of structure in feet.

### **INSTALL\_YE (Date)**

Installation Date

**DRAWING\_NO (String)**

As-built Drawing Number

**SUBDIV\_DWG (String)**

Subdivision Drawing Number (derived from SUBMAP field in the SANGIS Parcels Dataset)

**WORK\_ORDER (String)**

Work Order Number

**STATUS (String)**

Defines the current lifecycle status of the Storm Drain feature

Code; Description

A; ACTIVE

I; INACTIVE

W; WARRANTY

P; WARRANTY PENDING

V; VACATED

R; REMOVED

X; ABANDONED

U; UNKNOWN

**COMMENTS (String)**

Comments are used to support all attributes listed in the feature class, but are generally used to indicate inlet types (e.g. Type B-2 Curb Inlet), abandoned/vacated features, or data collection abnormalities.

**OWNER (String)**

Ownership and maintained-by fields should not be used for the final determination on asset ownership. Asset ownership should be verified by the Stormwater Department Asset Management Section (see Point of Contact).

Code; Description

A; PORT AUTHORITY

C; CALTRANS

M; MILITARY

O; OTHER

P; PRIVATE

S; CITY OF SAN DIEGO

T; SD COUNTY

U; UNKNOWN

**MAINT (String)**

Ownership and maintained-by fields should not be used for the final determination on asset ownership. Asset ownership should be verified by the Stormwater Department Asset Management Section (see Point of Contact).

Code; Description

1; CITY OF SAN DIEGO, STREET DIV

2; CITY OF SAN DIEGO, PARK & REC

3; CITY OF SAN DIEGO, METRO WASTEWATER

4; CITY OF SAN DIEGO, WATER

5; CITY OF SAN DIEGO, REAL ESTATE ASSETS

6; CITY OF SAN DIEGO, STORM WATER

A; PORT AUTHORITY

C; CALTRANS

M; MILITARY

O; OTHER

P; PRIVATE  
S; CITY OF SAN DIEGO  
T; SD COUNTY  
U; UNKNOWN

**LOC\_DESC (String)**

Location Description is used to aid in identifying the location of a feature in the field. This includes the asset type as well as alignments relative to street addresses and other readily recognizable features.

**WATERSHED (SmallInteger)**

Watershed that the structure is located in.

Code; Description  
1; MISSION BAY  
2; PENASQUITOS  
3; SAN DIEGO BAY  
4; SAN DIEGO RIVER  
5; SAN DIEGUITO  
6; TIJUANA RIVER

**SHAPE (Geometry)**

Feature geometry.

**ASM\_INST\_D (String)**

This is a legacy field and should no longer be used.

**HUNAME (String)**

Hydrologic Unit Name that the structure is located in.

**CMNTY\_AREA (String)**

The Community Area that the structure is located in.

**CNCL\_DTRCT (Integer)**

The Council District that the structure is located in.

**IAMFLOC (String)**

Unique Identifier for Functional Location for use within the SAP system.

**SAPOBJNR (String)**

SAP Object Number is a Unique Identifier for use within the SAP system.

**CDCODE (SmallInteger)**

Council District that the structure is located in.

Code; Description  
1; 1  
2; 2  
3; 3  
4; 4  
5; 5  
6; 6  
7; 7  
8; 8  
9; 9  
0; OUTSIDE BOUNDARY

**CPCODE (SmallInteger)**

Integer code representing the Community Plan Area that the structure is located in.

Code; Description

- 1; BALBOA PARK
- 2; BARRIO LOGAN
- 3; CARMEL MOUNTAIN RANCH
- 4; CENTRE CITY
- 5; SABRE SPRINGS
- 6; CLAIREMONT MESA
- 7; EAST ELLIOTT
- 8; GREATER GOLDEN HILL
- 9; MIRAMAR RANCH NORTH
- 10; LA JOLLA
- 12; LINDA VISTA
- 14; MIDWAY-PACIFIC HIGHWAY
- 15; MIRA MESA
- 17; MISSION BAY PARK
- 18; MISSION BEACH
- 19; MISSION VALLEY
- 20; NAVAJO
- 21; CARMEL VALLEY
- 23; OCEAN BEACH
- 24; OLD SAN DIEGO
- 25; OTAY MESA-NESTOR
- 26; OTAY MESA
- 27; PACIFIC BEACH
- 28; GREATER NORTH PARK
- 29; RANCHO PENASQUITOS
- 30; PENINSULA
- 31; RANCHO BERNARDO
- 32; SAN PASQUAL
- 33; SAN YSIDRO
- 34; SCRIPPS MIRAMAR RANCH
- 35; SERRA MESA
- 37; SOUTHEASTERN SAN DIEGO
- 38; COLLEGE AREA
- 39; TIJUANA RIVER VALLEY
- 40; TORREY PINES
- 42; UPTOWN
- 44; SKYLINE-PARADISE HILLS
- 47; TIERRASANTA
- 48; TORREY HILLS
- 49; FAIRBANKS COUNTRY CLUB
- 50; KEARNY MESA
- 51; DEL MAR MESA
- 52; TORREY HIGHLANDS
- 55; VIA DE LA VALLE
- 56; CITY HEIGHTS
- 57; EASTERN AREA
- 58; KENSINGTON-TALMADGE
- 59; NORMAL HEIGHTS
- 61; NCFUA SUBAREA II
- 62; PACIFIC HIGHLANDS RANCH
- 93; ENCANTO
- 94; BLACK MOUNTAIN RANCH
- 95; RANCHO ENCANTADA
- 96; LOS PENASQUITOS CANYON PRESERVE
- 97; MILITARY FACILITIES
- 98; RESERVE
- 99; UNIVERSITY

**INST\_YR (Date)**

This is a legacy field and should no longer be used.

**HSANAME (String)**

Hydrologic Sub-Area Name that the structure is located in.

**GlobalID (GlobalID)**

GlobalID is field of type UUID (Universal Unique Identifier) in which values are automatically assigned by the geodatabase when a row is created

**STENCILED (String)**

Stenciled

Code; Description

1; YES

2; NO

**ASBUILT\_DA (Date)**

As-built Date

**EASEMENT\_D (String)**

Easement Drawing Number

**MAPNG\_STAT (String)**

This is a legacy field and should no longer be used.

**created\_us (String)**

User name of the technician that first digitized the feature.

**created\_da (Date)**

Date that the technician that first digitized the feature.

**last\_edite (String)**

User name of the technician that most recently updated the feature.

**last\_edi\_1 (Date)**

Date that the technician most recently updated the feature.

**OWN\_VERIFI (String)**

Ownership Verified

**STENCIL\_TY (String)**

Stencil Type

Code; Description

1; PAINT

2; CONCRETE

3; THERMOPLASTIC

**WHERE\_INST (String)**

This is a legacy field and should no longer be used.

**Metadata Last Update:** 2023-09-11

Regional GIS Data Warehouse (RGDW) Publication Stylesheet 1.4