State Small Water Systems, 2022

Point data for state small water systems (2022). Compiled by the Department of Drinking Water, downloaded October 2022 from California State Water Boards Clearinghouse. Drinking Water Tool metadata, prepared by the Water Equity Science Shop, UC Berkeley.
Contact: cpace@berkeley.edu

File name: SSWS_points.shp

Spatial Reference

Geographic Coordinate System	NAD 1983	Projected Coordinate System	NAD 1983 (Teale) Albers (Meters)
WKID	4269	Projection	3310
Authority	EPSG	Authority	EPSG
Angular Unit	Degree (0.0174532925199433)	Linear Unit	Meters (1.0)
Prime Meridian	Greenwich (0.0)	False Easting	0.00
Datum	D North American 1983	False Northing	-4000000.0
Spheroid	GRS 1980	Central Meridian	-120.0
Semimajor Axis	6378137.0	Standard Parallel 1	34.0
Semiminor Axis	6356752.314140356	Standard Parallel 2	40.5
Inverse Flattening	298.257222101	Latitude of Origin	0.0

Description

This shapefile represents approximate point locations for 1,329 state small water systems (SSWS) in California. SSWS serve 5-14 service connections. This dataset was developed by the California State Water Board as an intermediate step toward compliance with Senate Bill 200 (SB 200)[1] which requires the collection of water quality data for SSWS and domestic wells. Read more about the timeline and progress of SB 200 here. Data was downloaded from the California State Water Board Clearinghouse[2] in October 2022.

Attribute table

Field Heading	Field Description
FID	GIS generated ID
shape	Point
pwsid	Water system ID
system_name	Water system name
county	County
connection	Number of connections
owner_type	Owner type
population	Population served
service ar	Service area category
latitude	Latitude in decimal degrees
longitude	Longitude in decimal degrees
confidence	Level of confidence, supplied by waterboard
geocode_me	Method used for geocoding
mtrs_1	Public land survey system section id

gsa_id	Groundwater sustainability agency (GSA) ID
gsa_name	Name of GSA
basin_name	Name of groundwater basin
gsp_id	Groundwater sustainability plan number
basin_numb	Basin number
basin_subb	Sub basin number

References

1. SB 200, Monning (2019). US Senate Bill. Accessed September 2023 from https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201920200SB200
2. State Small Water Systems (2022). California State Water Board(2022). Accessed October 2022 from https://wbappsrv.waterboards.ca.gov/safer/login?returnUrl=%2Fsafer-systems.