ATTACHMENT B – DATA SOURCES

Data Name	Catchment Opportunity Screening & Prioritization	Project Screening & Prioritization, and BMP Siting	Description	Source	Publication Date	Geometry
85th Percenitle Isohyets	Water Quality Benefits	Environmental Benefits	85th Percentile Storm Depths	SanGIS	13 June 2017	Line
Bike Routes	-	Community Benefits	Existing bike facilities in the San Diego Region.	SanGIS	2020	Vector
California Healthy Places Index (HPI)	-	Environmental Benefits	California Census Tracts with the California HPI scores	Public Health Alliance of Southern California	Varies	Polygon
Caltrans ROW	Community Benefits	BMP Siting / Selection	Caltrans rights-of-way	Caltrans	Varies	Polygon
Catchments	General / Constraints	General	Catchments (Outfall and Inlet Scale)	County of San Diego	2020	Polygon
CIP 5-Year Plan - Projects	Community Benefits	BMP Siting / Selection	CIP project locations/footprints	County DPW	2021	Vector
Collision Prone Areas	-	Community Benefits, BMP Siting / Selection	Top ranked streets and intersections from Local Road Safety Plan	County DPW	13 May 2021	Polygon
Contaminated Sites	-	BMP Siting / Selection	Location of "Active" and "Closed" contaminated sites	GeoTracker	2021	Point
County of San Diego ROW	Water Quality Benefits and General / Constraints	BMP Siting / Selection	County of San Diego rights-of-way	County of San Diego	2020	Polygon
Depth to Groundwater and Well Data	-	BMP Siting / Selection	Historic site and well information depth	GAMA (Groundwater Ambient Monitoring and Assessment) and GeoTracker	Varies	Point
Digital Elevation Model (DEM)	-	BMP Siting / Selection	Tiles, county-wide, built from LiDAR-derived contour data	USGS	2015	Raster
Disadvantaged Communities	Community Benefits	Community Benefits	Economically disadvantaged communities (SB535)	CalEnviroScreen	2020	Polygon
Environmental Justice Communities	Community Benefits	Community Benefits	Underserved communities identified by the County of San Diego	CalEnviroScreen and Live Well San Diego	2020	Polygon
Environmentally Sensitive Areas	General / Constraints	General	Environmentally Sensitive Areas (ESA) - includes Multiple Species Conservation Program (MSCP) hardline designations and MSCP preserved land	SanGIS	2019	Polygon
Envision (Version 3)	-	Environmental Benefits, Community Benefits	Framework with 5 categories utlized in a triple bottom line approach. Sourced specificially for community and water supply metrics	Institute of Sustainable Infrastructure (ISI)	2018	Reports, Web
Event Mean Concentrations (EMCs)	Water Quality Benefits	Environmental Benefits	Average EMCs for Pollutants by Landuse in the WQE Guidance Document for Region 9	San Diego Regional Water Quality Control Board	2018	Tabular
Existing/Planned BMPs	General / Constraints	BMP Siting / Selection	Existing and planned distributed/regional BMPs	County DPW	2021	Vector
Flood Maps	-	BMP Siting / Selection	Floodplains, floodways, flood channels	County DPW	08 January 2021	Polygon
Groundwater Basins	Water Quality Benefits	Environmental Benefits, BMP Siting / Selection	Groundwater Basins w/Beneficial Uses	SanGIS	2020	Polygon
Historical Rainfall	Water Quality Benefits	Environmental Benefits	High resolution rainfall data showing intensity (5 min or bucket tips). Raw data from OneRain	County of San Diego	Varies	Tabular
Hydrologic Subareas (HSAs)	Water Quality Benefits	General	Hydrologic Subareas delineations	California Interagency Watershed Mapping Committee	1999, revised 2004	Polygon
Impervious Areas	Water Quality Benefits	Environmental Benefits	Impervious area classification	NLCD	2016	Raster
Jurisdictional Boundaries	General / Constraints	General	City, County, Unincorporated	SanGIS	2020	Polygon
Land Uses	Water Quality Benefits	Environmental Benefits	County Land Use	County of San Diego	2019	Polygon
Low Income Communities	Community Benefits	Community Benefits	Low Income Communities (AB1550)	County of San Diego	June 2018	Polygon
LUEG 0.2 Underserved Community	-	Community Benefits	Census Tracts that are identified as "Underserved Communities" per criteria provided by LUEG.	County of San Diego	2021	Polygon
Median Income	Community Benefits	Community Benefits	Median income by census tract	US Census	2010	Polygon
Opportunity Zones	Community Benefits	Community Benefits	Disadvantaged communities with tax benefits to investors	CalEnviroScreen	2020	Vector
Parks	Community Benefits	Environental Benefits, Community Benefits	County Parks	SanGIS	2009	Vector
Pedestrian Gap Analysis	-	Community Benefits, BMP Siting / Selection	Identified and ranked road segments from the Active Transportation Plan	County of San Diego	2016	Vector
Priority Land Uses	Water Quality Benefits	Environmental Benefits, BMP Siting / Selection	Priority Land Uses (Trash)	County DPW	2021	Polygon
Publicly-Owned Parcels	General / Constraints	General	All parcels w/ ownership info	SanGIS	2020	Polygon
Rail Stations	-	Community Benefits	Existing rail stations in the California passenger rail system. Pulled from the California State Geoportal. Station information was compiled from Amtrak Operating Timetable 45 and commuter rail websites for Metrolink, ACE, Caltrain, and Coaster	Caltrans	2020	Vector
Receiving Waters	Water Quality Benefits	Environmental Benefits	Linear and polygon features (rivers, streams, lakes, etc) based on NHD Hydrology	SanGIS	2020	Vector
Roads	-	BMP Siting / Selection	County Maintained Roads, Private Roads, Freeways and Highways, Signs, Curbs, Sidewalks, Road Classifications, Roadway Widths, Frontage Zone Widths	County DPW	08 January 2021	Vector
Sanitary Sewer Network	-	Environmental Benefits, BMP Siting / Selection	Sanitation District Boundary, Gravity Mains, Pressurized Mains, Trunk Lines, Lateral Lines, Manholes, Junctions, Easements	County DPW	08 January 2021	Vector
Seismic Hazards	-	BMP Siting / Selection	Geohazards (Faults, Potential Liquefaction Zones)	SanGIS	2017	Vector
Semi-Rural Residential Areas	Community Benefits	General	Regional semi-rural category	SanGIS	Varies	Vector
SGMA Basin Prioritization	-	Environmental Benefits	California's 515 groundwater basins and subbasins.	California Department of Water Resources	2020	Polygon
Soils w/ Hydrologic Soil Group	Water Quality Benefits	Environmental Benefits, BMP Siting / Selection	Soil Type, Hydrologic Soil Group, and Infiltration Rate	NRCS SSURGO Web Soil Survey	2014	Polygon
Storm Drain Network	General / Constraints	Environmental Benefits, BMP Siting / Selection	County gravity storm sewers, inlets, outlets, etc. (MS4)	County DPW	2021	Vector
Stormwater Resource Plan (SWRP)	-	Environmental Benefits, Community Benefits	Provides scoring and ranking for project prioritization through quantification methods, specifically for water supply project areas	County of San Diego	2017	Reports, Web
Superfund Sites	-	BMP Siting / Selection	Environmental hazard clean-up sites	US EPA	Varies	Vector
Supervisor Districts	Water Quality Benefits and General / Constraints	General	Supervisor district boundaries	SanGIS	2018	Polygon
TMDL and 303(d) Receiving Waters	Water Quality Benefits	Environmental Benefits	TMDLs and Impaired Waterbodies	SanGIS	2019	Vector
Topography	-	BMP Siting / Selection	High Resolution Contours	SanGIS	Varies	Polyline
Transit	-	Community Benefits	Public bus, commuter and light rail, and trolley lines and stops	SanGIS	2021	Vector

Trash Generation Rate	Water Quality Benefits	Environmental Benefits	Average Annual Trash Generation by Land Use	County of San Diego	2018	Tabular
Tree Canopy	Community Benefits	General	Tree Canopy Classification (elevated vegetation ≥15-ft) from SDCounty AOI Classification	SanGIS	2019	Raster
Village and Community Planning Areas	General / Constraints	General	Community villages	SanGIS	2017	Vector
Water Board Region Boundary	General / Constraints	General	Water board region boundaries	California State Water Board	2020	Polygon
Water Districts	-	BMP Siting / Selection	Water District Boundaries	County DPW	08 January 2021	Vector
Watershed Boundaries	General / Constraints	General	Regional Watersheds and Subwatersheds	ProjectCleanWater	Varies	Polygon