

Section 8: References

Groundwater Sustainability Plan for Petaluma Valley Groundwater Basin

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8.2 Petaluma Valley GIS Data Sources

Bureau of Indian Affairs - California Department Forestry and Fire Protection Land Ownership

City Footprints— Permit and Resource Management Department (PRMD), County of Sonoma, 2006

Climate Station Locations - MesoWest, CoCoRaHS and UC Davis, Sonoma Water

County Line – County of Sonoma GIS Central

Elevation - Sonoma County Vegetation Mapping and LiDAR Program, North American Vertical Datum 1988 (NAVD88)

General Plan Land Use - Sonoma County Permit Resource Management Department, 2020 General Plan

GSP Study Area Watershed - Sonoma Water

Groundwater Availability - Sonoma County Permit and Resource Management Department (Permit Sonoma)

Groundwater Basins - California Department of Water Resources, Bulletin 118

Land Use Survey - Department of Water Resources, 2012 land use survey

Major Rivers and Creeks - Department of Water Resource, National Hydrography dataset

Managed Wetlands - Department of Water Resources, 2014 Crop Mapping

Protected Areas - California Protected Areas Database, 2017 holdings

Resource Conservation District (RCD) - County of Sonoma GIS Central

Vegetation and Agriculture classes - Sonoma County LiDAR and Vegetation Mapping Program and Sonoma Water

Water Companies & Other Public Water Suppliers - County of Sonoma GIS Central

Water Infrastructure - Sonoma Water

Water Wells and Well Density - by Sonoma County Water Agency with source data courtesy of California Department of Water Resources Online System for Well Completion Reports (OSWCR - <https://data.cnra.ca.gov/dataset/well-completion-reports>), Permit Sonoma, and the USGS Well Density and Known well Locations – U.S. Geological Survey dataset developed for Hydrologic and Geochemical Characterization of the Santa Rosa Plain Watershed, Sonoma County, California (<https://pubs.usgs.gov/sir/2013/5118/>)