

# Section 9

## References and Technical Studies



## 9. TECHNICAL STUDIES

The following tables summarize the technical studies used in the development of the Northern & Central Delta-Mendota Region Groundwater Sustainability Plan (GSP). References used in developing the various sections of the GSP are summarized at the end of each GSP chapter.

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| Title   | Author  | Publish Year   | Reference URL   | Additional Data   | GSP Chapter/Section  |
|---|---|----------------|---|---|--|
| Groundwater Management Plan for the Northern Agencies in the Delta-Mendota Canal Service Area                         | AECOM   | 2011           | <a href="https://water.ca.gov/LegacyFiles/lqagrnt/docs/applications/City%20of%20Patterson%20(201209870076)/Att03_LGA12_CityofPatterson_GWMP_2of2.pdf">https://water.ca.gov/LegacyFiles/lqagrnt/docs/applications/City%20of%20Patterson%20(201209870076)/Att03_LGA12_CityofPatterson_GWMP_2of2.pdf</a> |   | Chapter 2 - Plan Area; Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                 |
| Groundwater Management Plan for the Southern Agencies in the Delta-Mendota Canal Service Area                         | AECOM   | 2011; rev 2014 | <a href="https://water.ca.gov/LegacyFiles/groundwater/docs/GWMP/SJ-14_SanLuisDeltaMendotaWA-South_GWMP_2014.pdf">https://water.ca.gov/LegacyFiles/groundwater/docs/GWMP/SJ-14_SanLuisDeltaMendotaWA-South_GWMP_2014.pdf</a>   |   | Chapter 2 - Plan Area  |
| Delta-Mendota Subbasin Coordination Agreement   | All Delta-Mendota Subbasin GSAs                 | 2018           |   |   | Chapter 3 - Governance & Administration  |
| Water quality for agriculture   | Ayers, R.S. and D.W. Westcot                    | 1985           | <a href="http://www.fao.org/docrep/003/T0234E/T0234E00.htm">http://www.fao.org/docrep/003/T0234E/T0234E00.htm</a>   | Table 1 – Guidelines for Interpretations of Water Quality for Irrigation and Table 21 – Recommended Maximum Concentrations of Trace Elements in Irrigation Water. FAO Irrigation and Drainage Paper 29 Rev. 1 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions; Chapter 6 - Sustainable Management Criteria   |
| Numeric simulation of ground-water flow in the central part of the Western San Joaquin Valley, California             | Belitz, K, S.P. Phillips, and J.M. Gronberg     | 1993           | <a href="https://doi.org/10.3133/wsp2396">https://doi.org/10.3133/wsp2396</a>   | U.S. Geological Survey Water-Supply Paper 2396, 69 p.   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model  |
| Character and Evolution of Ground-Water flow System in the Central Part of the Western San Joaquin Valley, California | Belitz, K. and F.J. Heimes                      | 1990           | <a href="https://doi.org/10.3133/wsp2348">https://doi.org/10.3133/wsp2348</a>   | USGS WaterSupply Paper 2348   | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Ground water in the Central Valley, California - A Summary Report   | Bertoldi, G.L., R.H. Johnston, and K.D. Evenson | 1991           | <a href="https://doi.org/10.3133/pp1401A">https://doi.org/10.3133/pp1401A</a>   | U.S. Geological Survey Professional Paper 1401-A  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model and Section 5.3 Groundwater Conditions |
| Land Subsidence from Groundwater Use in California  | Borchers, J.W. and M. Carpenter                 | 2014           | <a href="https://water.ca.gov/LegacyFiles/waterplan/docs/cwpu2013/Final/vol4/groundwater/13_Land_Subsidence_Groundwater_Use.pdf">https://water.ca.gov/LegacyFiles/waterplan/docs/cwpu2013/Final/vol4/groundwater/13_Land_Subsidence_Groundwater_Use.pdf</a>   |   | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |

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|--|---|---------------|---|--|---|
| Assembly Bill No. 1471 Water Quality, Supply, and Infrastructure Improvement Act of 2014 | California Assembly   | 2014          | <a href="https://leginfo.ca.gov/faces/billClient.xhtml?bill_id=201320140AB1471">https://leginfo.ca.gov/faces/billClient.xhtml?bill_id=201320140AB1471</a>   | Approved by Governor, filed with Secretary of State in August 2014 | Chapter 2 - Plan Area   |
| Faults shapefiles  | California Department of Conservation, California Geologic Survey | Various Dates | <a href="https://maps.conservation.ca.gov/cgs/#data">https://maps.conservation.ca.gov/cgs/#data</a>   |  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| CDFW GIS Clearing House - California Lakes shapefile                                     | California Department of Fish and Wildlife (CDFW)                 | 2013          | <a href="https://www.wildlife.ca.gov/Data/GIS/Clearinghouse">https://www.wildlife.ca.gov/Data/GIS/Clearinghouse</a>   |  | Maps in all GSP Chapters  |
| CDFW GIS Clearing House - California Streams shapefile                                   | California Department of Fish and Wildlife (CDFW)                 | 2016          | <a href="https://www.wildlife.ca.gov/Data/GIS/Clearinghouse">https://www.wildlife.ca.gov/Data/GIS/Clearinghouse</a>   |  | Maps in all GSP Chapters  |
| Little Panoche Reservoir Wildlife Area: Description                                      | California Department of Fish and Wildlife (CDFW)                 | 2017          | <a href="https://www.wildlife.ca.gov/Lands/Places-to-Visit/Little-Panoche-Reservoir-WA">https://www.wildlife.ca.gov/Lands/Places-to-Visit/Little-Panoche-Reservoir-WA</a>   |  | Chapter 2 - Plan Area   |
| Mendota Wildlife Area: Description   | California Department of Fish and Wildlife (CDFW)                 | 2017          | <a href="https://www.wildlife.ca.gov/Lands/Places-to-Visit/Mendota-WA">https://www.wildlife.ca.gov/Lands/Places-to-Visit/Mendota-WA</a>   |  | Chapter 2 - Plan Area   |
| North Grasslands Wildlife Area: Description  | California Department of Fish and Wildlife (CDFW)                 | 2017          | <a href="https://www.wildlife.ca.gov/Lands/Places-to-Visit/North-Grasslands-WA">https://www.wildlife.ca.gov/Lands/Places-to-Visit/North-Grasslands-WA</a>   |  | Chapter 2 - Plan Area   |
| O'Neill Forebay Wildlife Area: Description   | California Department of Fish and Wildlife (CDFW)                 | 2017          | <a href="https://www.wildlife.ca.gov/Lands/Places-to-Visit/ONeill-Forebay-WA">https://www.wildlife.ca.gov/Lands/Places-to-Visit/ONeill-Forebay-WA</a>   |  | Chapter 2 - Plan Area   |
| West Hilmar Wildlife Area: Description   | California Department of Fish and Wildlife (CDFW)                 | 2017          | <a href="https://www.wildlife.ca.gov/Lands/Places-to-Visit/West-Hilmar-WA">https://www.wildlife.ca.gov/Lands/Places-to-Visit/West-Hilmar-WA</a>   |  | Chapter 2 - Plan Area   |
| CalWater 2.2.1 Watershed Boundaries shapefile  | California Department of Forestry and Fire Protection             | 1999          | <a href="http://frap.fire.ca.gov/data/frapqisdata-sw-calwater_download">http://frap.fire.ca.gov/data/frapqisdata-sw-calwater_download</a>   |  | Chapter 2 - Plan Area   |
| The California Water Plan Update, Volumes 1 and 2  | California Department of Water Resources                          | 1998          | <a href="https://water.ca.gov/LegacyFiles/pubs/planning/california_water_plan_1998_update_bulletin_160-98_b16098_vol1.pdf">https://water.ca.gov/LegacyFiles/pubs/planning/california_water_plan_1998_update_bulletin_160-98_b16098_vol1.pdf</a> and <a href="https://water.ca.gov/LegacyFiles/pubs/planning/california_water_plan_1998_update_bulletin_160-98_b16098_vol2.pdf">https://water.ca.gov/LegacyFiles/pubs/planning/california_water_plan_1998_update_bulletin_160-98_b16098_vol2.pdf</a> |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| San Joaquin Valley Drainage Investigation – San Joaquin Master Drain                     | California Department of Water Resources (DWR)                    | 1965          | <a href="http://wdl.water.ca.gov/waterdatalibrary/docs/historic/Bulletins/Bulletin_127/Bulletin_127-P_1965.pdf">http://wdl.water.ca.gov/waterdatalibrary/docs/historic/Bulletins/Bulletin_127/Bulletin_127-P_1965.pdf</a>   | Department of Water Resources Bulletin No.127                      | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |

| Title  | Author   | Publish Year | Reference URL   | Additional Data | GSP Chapter/Section   |
|--|--|--------------|---|-----------------|---|
| Water Well Standards Fresno County, Bulletin No. 74-6      | California Department of Water Resources (DWR) | 1968         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Wells/Files/Bulletin-74-6-Water-Well-Standards-Fresno-County-1968.pdf?la=en&amp;hash=575EDC3D630BF16689B426E078DC299FB5BC3934">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Wells/Files/Bulletin-74-6-Water-Well-Standards-Fresno-County-1968.pdf?la=en&amp;hash=575EDC3D630BF16689B426E078DC299FB5BC3934</a>   |                 | Chapter 2 - Plan Area   |
| Water Well Standards San Joaquin County, Bulletin No. 74-5 | California Department of Water Resources (DWR) | 1969         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Wells/Files/Bulletin-74-5-Water-Well-Standards.pdf?la=en&amp;hash=0CA6F3E7D243A6DA22E8174C9D92CC465791C90B">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Wells/Files/Bulletin-74-5-Water-Well-Standards.pdf?la=en&amp;hash=0CA6F3E7D243A6DA22E8174C9D92CC465791C90B</a>   |                 | Chapter 2 - Plan Area   |
| Water Well Standards: State of California, Bulletin 74-81  | California Department of Water Resources (DWR) | 1981         | <a href="https://www.water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Wells/Files/Bulletin-74-81-Water-Well-Standards-State-of-California-December-1981.pdf?la=en&amp;hash=7B64FA212D189E07BE9B1FA909B5C8FECDA20D68">https://www.water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Wells/Files/Bulletin-74-81-Water-Well-Standards-State-of-California-December-1981.pdf?la=en&amp;hash=7B64FA212D189E07BE9B1FA909B5C8FECDA20D68</a> |                 | Chapter 2 - Plan Area   |
| California Well Standards, Bulletin 74-90                  | California Department of Water Resources (DWR) | 1991         | <a href="https://www.water.ca.gov/legacyfiles/pubs/groundwater/water_well_standards_bulletin_74-90/ca_well_standards_bulletin74-90_1991.pdf">https://www.water.ca.gov/legacyfiles/pubs/groundwater/water_well_standards_bulletin_74-90/ca_well_standards_bulletin74-90_1991.pdf</a>   |                 | Chapter 2 - Plan Area   |
| California's Groundwater Bulletin 118 - Update 2003        | California Department of Water Resources (DWR) | 2003         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/Statewide-Reports/Bulletin_118_Update_2003.pdf">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/Statewide-Reports/Bulletin_118_Update_2003.pdf</a>   |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |

| Title   | Author   | Publish Year | Reference URL   | Additional Data           | GSP Chapter/Section   |
|---|--|--------------|---|---------------------------|---|
| Contract between the State of California Department of Water Resources and Oak Flat Water District for a Water Supply | California Department of Water Resources (DWR) | 2003         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Management/SWP-Water-Contractors/Oak-Flat-Water-District/Files/Original-Contract-with-Amendments-through-No-21-52803.pdf?la=en&amp;hash=8B94326D5750ADEEC0F2A4B7E084AABFF1E76AC1">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Management/SWP-Water-Contractors/Oak-Flat-Water-District/Files/Original-Contract-with-Amendments-through-No-21-52803.pdf?la=en&amp;hash=8B94326D5750ADEEC0F2A4B7E084AABFF1E76AC1</a> |                           | Chapter 2 - Plan Area   |
| San Joaquin Valley Groundwater Basin Delta-Mendota Subbasin, DWR Bulletin 118   | California Department of Water Resources (DWR) | 2006         | <a href="http://www.water.ca.gov/pubs/groundwater/bulletin_118/basindescriptions/5-22.07.pdf">http://www.water.ca.gov/pubs/groundwater/bulletin_118/basindescriptions/5-22.07.pdf</a>   |                           | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| California Statewide Groundwater Elevation Monitoring (CASGEM) database   | California Department of Water Resources (DWR) | 2009         | <a href="https://www.casgem.water.ca.gov">https://www.casgem.water.ca.gov</a>   | Accessed on various dates | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| California statewide groundwater elevation monitoring (CASGEM) groundwater elevation monitoring guidelines            | California Department of Water Resources (DWR) | 2010         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/CASGEM/Files/CASGEM-DWR-GW-Guidelines-Final-121510.pdf">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/CASGEM/Files/CASGEM-DWR-GW-Guidelines-Final-121510.pdf</a>   |                           | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring     |
| Lines of Equal Elevation of Water in Wells, Unconfined Aquifer, San Joaquin Valley, Spring 2010                       | California Department of Water Resources (DWR) | 2010         |   |                           | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| IRWM Regions shapefile  | California Department of Water Resources (DWR) | 2012         | <a href="https://data.cnra.ca.gov/dataset/irwm-regions">https://data.cnra.ca.gov/dataset/irwm-regions</a>   |                           | Chapter 2 - Plan Area   |
| 2016 Bulletin 118 Basin Boundary Descriptions: 5-022.07 San Joaquin Valley – Delta-Mendota                            | California Department of Water Resources (DWR) | 2016         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/B118-Basin-Boundary-Descriptions-2016/B118-Basin-Boundary-Description-2016---5_022_07.pdf">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/B118-Basin-Boundary-Descriptions-2016/B118-Basin-Boundary-Description-2016---5_022_07.pdf</a>   |                           | Chapter 1 - Introduction  |



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|---|--|--------------|---|-----------------|---|
| Best Management Practices: Monitoring Networks and Identification of Data Gaps  | California Department of Water Resources (DWR) | 2016         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-2-Monitoring-Networks-and-Identification-of-Data-Gaps.pdf">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-2-Monitoring-Networks-and-Identification-of-Data-Gaps.pdf</a> |                 | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring   |
| Best Management Practices: Monitoring Protocols, Standards, and Sites   | California Department of Water Resources (DWR) | 2016         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-Monitoring-Protocols-Standards-and-Sites.pdf">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-Monitoring-Protocols-Standards-and-Sites.pdf</a>                       |                 | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring   |
| California Code of Regulations, Title 23 Waters, Division 2 Department of Water Resources, Chapter 1.5 Groundwater Management, Subchapter 2 Groundwater Sustainability Plans, Article 3 Technical and Reporting Standards | California Department of Water Resources (DWR) | 2016         | <a href="https://water.ca.gov/legacyFiles/groundwater/sgm/pdfs/GSP_Emergency_Regulations.pdf">https://water.ca.gov/legacyFiles/groundwater/sgm/pdfs/GSP_Emergency_Regulations.pdf</a>   |                 | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring   |
| Water Districts shapefile   | California Department of Water Resources (DWR) | 2016         | <a href="https://data.cnra.ca.gov/dataset/water-districts">https://data.cnra.ca.gov/dataset/water-districts</a>   |                 | Chapter 2 - Plan Area; Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model; Chapter 5 - Basin Setting, Section 5.5 Management Areas |
| Best Management Practices for the Sustainable Management of Groundwater: Sustainable Management Criteria BMP (DRAFT)  | California Department of Water Resources (DWR) | 2017         | <a href="https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-6-Sustainable-Management-Criteria-DRAFT.pdf">https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-6-Sustainable-Management-Criteria-DRAFT.pdf</a>                             |                 | Chapter 6 - Sustainable Management Criteria   |

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|--|--|---------------|---|---|---|
| California Aqueduct Subsidence Study   | California Department of Water Resources (DWR) | 2017          | <a href="https://water.ca.gov/LegacyFiles/groundwater/docs/Aqueduct_Subsidence_Study-FINAL-2017.pdf">https://water.ca.gov/LegacyFiles/groundwater/docs/Aqueduct_Subsidence_Study-FINAL-2017.pdf</a>                                     |   | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Land Subsidence Monitoring   | California Department of Water Resources (DWR) | 2017          | <a href="http://wdl.water.ca.gov/groundwater/landsubsidence/LSmonitoring.cfm">http://wdl.water.ca.gov/groundwater/landsubsidence/LSmonitoring.cfm</a>   |   | Chapter 2 - Plan Area   |
| What is IRWM?  | California Department of Water Resources (DWR) | 2017          | <a href="http://wdl.water.ca.gov/irwm/index.cfm">http://wdl.water.ca.gov/irwm/index.cfm</a>   |   | Chapter 2 - Plan Area   |
| Crop Mapping 2014 shapefile  | California Department of Water Resources (DWR) | 2018          | <a href="https://data.cnra.ca.gov/dataset/crop-mapping-2014">https://data.cnra.ca.gov/dataset/crop-mapping-2014</a>   |   | Chapter 2 - Plan Area   |
| Disadvantaged Communities Mapping Tool   | California Department of Water Resources (DWR) | 2018          | <a href="https://gis.water.ca.gov/app/dacs/">https://gis.water.ca.gov/app/dacs/</a>   |   | Chapter 2 - Plan Area   |
| Economically Distressed Areas Mapping Tool   | California Department of Water Resources (DWR) | 2018          | <a href="https://gis.water.ca.gov/app/edas/">https://gis.water.ca.gov/app/edas/</a>   |   | Chapter 2 - Plan Area   |
| Evaluation of the Effect of Subsidence on Flow Capacity in the Chowchilla and Eastside Bypasses, and Reach 4A of the San Joaquin River | California Department of Water Resources (DWR) | 2018          |   | Received via personal communication Alexis R. Phillips-Dowell (DWR) | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Natural Communities Commonly Associate with Groundwater (NCCAG) dataset  | California Department of Water Resources (DWR) | 2018          | <a href="https://gis.water.ca.gov/app/NCDatasetViewer/#">https://gis.water.ca.gov/app/NCDatasetViewer/#</a>   |   | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Statewide Gridded Precipitation and ET (Variable Infiltration Capacity [VIC] model) geodatabase  | California Department of Water Resources (DWR) | 2018          | <a href="https://data.cnra.ca.gov/dataset/sgma-climate-change-resources/resource/f86f75e8-0de6-4232-968d-83521116496e">https://data.cnra.ca.gov/dataset/sgma-climate-change-resources/resource/f86f75e8-0de6-4232-968d-83521116496e</a> |   | Chapter 5 - Basin Setting, Section 5.4 Water Budget                   |
| Best Management Practices for the Sustainable Management of Groundwater – Water Budget   | California Department of Water Resources (DWR) | December 2016 | <a href="https://water.ca.gov/LegacyFiles/groundwater/sgm/pdfs/BMP_Water_Budget_Final_2016-12-23.pdf">https://water.ca.gov/LegacyFiles/groundwater/sgm/pdfs/BMP_Water_Budget_Final_2016-12-23.pdf</a>                                   |   | Chapter 5 - Basin Setting, Section 5.4 Water Budget                   |
| Guidance Document for the Sustainable Management of Groundwater: Groundwater Sustainability Plan (GSP) Annotated Outline               | California Department of Water Resources (DWR) | December 2016 | <a href="https://water.ca.gov/LegacyFiles/groundwater/sgm/pdfs/GD_GSP_Outline_Final_2016-12-23.pdf">https://water.ca.gov/LegacyFiles/groundwater/sgm/pdfs/GD_GSP_Outline_Final_2016-12-23.pdf</a>                                       |   | Chapter 1 - Introduction  |
| Groundwater Glossary   | California Department of Water Resources (DWR) | n.d.          | <a href="http://wdl.water.ca.gov/groundwater/groundwater_basics/groundwater_glossary.cfm">http://wdl.water.ca.gov/groundwater/groundwater_basics/groundwater_glossary.cfm</a>   |   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Groundwater Information Center Interactive Map Application (GICIMA)  | California Department of Water Resources (DWR) | n.d.          | <a href="https://gis.water.ca.gov/app/gicima/">https://gis.water.ca.gov/app/gicima/</a>   |   | Chapter 2 - Plan Area   |

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|--|--|--------------|---|-----------------|---|
| Groundwater Monitoring (CASGEM)                        | California Department of Water Resources (DWR)                       | n.d.         | <a href="https://water.ca.gov/Programs/Groundwater-Management/Groundwater-Elevation-Monitoring--CASGEM">https://water.ca.gov/Programs/Groundwater-Management/Groundwater-Elevation-Monitoring--CASGEM</a>   |                 | Chapter 2 - Plan Area   |
| Water Data Library                                     | California Department of Water Resources (DWR)                       | n.d.         | <a href="http://wdl.water.ca.gov/waterdatalibrary/">http://wdl.water.ca.gov/waterdatalibrary/</a>   |                 | Chapter 2 - Plan Area   |
| Well Completion Report Map Application                 | California Department of Water Resources (DWR)                       | n.d.         | <a href="https://dwr.maps.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37">https://dwr.maps.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37</a>   |                 | Chapter 2 - Plan Area   |
| Wells  | California Department of Water Resources (DWR)                       | n.d.         | <a href="https://www.water.ca.gov/Programs/Groundwater-Management/Wells">https://www.water.ca.gov/Programs/Groundwater-Management/Wells</a>   |                 | Chapter 2 - Plan Area   |
| Depth to the Top of Corcoran Clay. 1:253,440 scale map | California Department of Water Resources (DWR), San Joaquin District | 1981         | <a href="https://water.ca.gov/LegacyFiles/pubs/groundwater/depth_to_top_of_corcoran_clay_map_1981/depth_to_the_top_of_corcoran_clay-1981.pdf">https://water.ca.gov/LegacyFiles/pubs/groundwater/depth_to_top_of_corcoran_clay_map_1981/depth_to_the_top_of_corcoran_clay-1981.pdf</a> |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Central Delta-Mendota GSA shapefile                    | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/206">https://sgma.water.ca.gov/portal/gsa/print/206</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration        |
| City of Dos Palos GSA shapefile                        | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/360">https://sgma.water.ca.gov/portal/gsa/print/360</a>   |                 | Chapter 2 - Plan Area   |
| City of Firebaugh GSA shapefile                        | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/269">https://sgma.water.ca.gov/portal/gsa/print/269</a>   |                 | Chapter 2 - Plan Area   |
| City of Gustine GSA shapefile                          | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/271">https://sgma.water.ca.gov/portal/gsa/print/271</a>   |                 | Chapter 2 - Plan Area   |
| City of Los Banos GSA shapefile                        | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/71">https://sgma.water.ca.gov/portal/gsa/print/71</a>   |                 | Chapter 2 - Plan Area   |
| City of Mendota GSA shapefile                          | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/67">https://sgma.water.ca.gov/portal/gsa/print/67</a>   |                 | Chapter 2 - Plan Area   |
| City of Newman GSA shapefile                           | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/57">https://sgma.water.ca.gov/portal/gsa/print/57</a>   |                 | Chapter 2 - Plan Area   |
| City of Patterson GSA shapefile                        | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/66">https://sgma.water.ca.gov/portal/gsa/print/66</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration        |
| County of Madera - 3 GSA shapefile                     | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/70">https://sgma.water.ca.gov/portal/gsa/print/70</a>   |                 | Chapter 2 - Plan Area   |
| DM-II GSA shapefile                                    | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/301">https://sgma.water.ca.gov/portal/gsa/print/301</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration        |
| Farmers Water District GSA shapefile                   | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/30">https://sgma.water.ca.gov/portal/gsa/print/30</a>   |                 | Chapter 2 - Plan Area   |
| Fresno County Management Area A GSA shapefile          | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/298">https://sgma.water.ca.gov/portal/gsa/print/298</a>   |                 | Chapter 2 - Plan Area   |
| Fresno County Management Area B GSA shapefile          | California Department of Water Resources, SGMA Portal                | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/308">https://sgma.water.ca.gov/portal/gsa/print/308</a>   |                 | Chapter 2 - Plan Area   |

| Title   | Author   | Publish Year   | Reference URL   | Additional Data | GSP Chapter/Section   |
|---|--|----------------|---|-----------------|---|
| Grasslands Groundwater Sustainability Agency GSA shapefile  | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/62">https://sgma.water.ca.gov/portal/gsa/print/62</a>   |                 | Chapter 2 - Plan Area   |
| Merced County - Delta Mendota GSA shapefile   | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/231">https://sgma.water.ca.gov/portal/gsa/print/231</a>   |                 | Chapter 2 - Plan Area   |
| Northwestern Delta-Mendota GSA shapefile  | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/214">https://sgma.water.ca.gov/portal/gsa/print/214</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration  |
| Oro Loma Water District GSA shapefile   | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/302">https://sgma.water.ca.gov/portal/gsa/print/302</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration  |
| Patterson Irrigation District GSA shapefile   | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/17">https://sgma.water.ca.gov/portal/gsa/print/17</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration; Chapter 5 - Basin Setting, Section 5.5 Management Areas |
| San Joaquin River Exchange Contractors Water Authority GSA shapefile                                  | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/10">https://sgma.water.ca.gov/portal/gsa/print/10</a>   |                 | Chapter 2 - Plan Area   |
| Turner Island Water District - 2 GSA shapefile  | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/220">https://sgma.water.ca.gov/portal/gsa/print/220</a>   |                 | Chapter 2 - Plan Area   |
| West Stanislaus Irrigation District GSA shapefile   | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/13">https://sgma.water.ca.gov/portal/gsa/print/13</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration; Chapter 5 - Basin Setting, Section 5.5 Management Areas |
| Widren Water District GSA shapefile   | California Department of Water Resources, SGMA Portal  | 2017           | <a href="https://sgma.water.ca.gov/portal/gsa/print/237">https://sgma.water.ca.gov/portal/gsa/print/237</a>   |                 | Chapter 2 - Plan Area; Chapter 3 - Governance & Administration  |
| CA Bulletin 118 Groundwater Basins shapefile  | California Natural Resources Agency                    | March 12, 2019 | <a href="https://data.cnra.ca.gov/dataset/ca-bulletin-118-groundwater-basins">https://data.cnra.ca.gov/dataset/ca-bulletin-118-groundwater-basins</a>   |                 | Maps in all GSP Chapters  |
| California Protected Areas Database   | California Protected Areas                             | 2017           | <a href="https://data.cnra.ca.gov/dataset/california-protected-areas-database-2017a">https://data.cnra.ca.gov/dataset/california-protected-areas-database-2017a</a>   |                 | Chapter 2 - Plan Area   |
| Regulations Related to Recycled Water   | California State Water Resources Control Board         | October 2018   | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/lawbook/rwregulations.pdf">https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/lawbook/rwregulations.pdf</a> |                 | Chapter 6 - Sustainable Management Criteria   |
| Resolution 68-16 Statement of Policy with Respect to Maintaining High Quality of Waters in California | California State Water Resources Control Board (SWRCB) | 1968           | <a href="https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_016.pdf">https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_016.pdf</a>                         |                 | Chapter 6 - Sustainable Management Criteria   |

| Title  | Author   | Publish Year | Reference URL   | Additional Data  | GSP Chapter/Section  |
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| San Joaquin Valley Interagency Drainage Program Environmental Assessment – Phase I   | California State Water Resources Control Board (SWRCB) | 1977         |   | Prepared for the California State Water Resources Control Board by Environmental Impact Planning Corporation | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| CV-SALTS Lower San Joaquin River Committee, April 28, 2011 Meeting Materials, Agenda Item 4 – Problem Statement  | California State Water Resources Control Board (SWRCB) | 2011         | <a href="https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/lower_sanjoaquin_river_committee/administrative_materials/#contracts">https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/lower_sanjoaquin_river_committee/administrative_materials/#contracts</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Water quality goals online database  | California State Water Resources Control Board (SWRCB) | 2013         | <a href="http://www.waterboards.ca.gov/water_issues/programs/water_quality_goals/search.shtml">http://www.waterboards.ca.gov/water_issues/programs/water_quality_goals/search.shtml</a>   |  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                                      |
| Groundwater Ambient Monitoring and Assessment Program (GAMA) – Priority Basin Project  | California State Water Resources Control Board (SWRCB) | 2018         | <a href="https://www.waterboards.ca.gov/gama/priority_basin_projects.html">https://www.waterboards.ca.gov/gama/priority_basin_projects.html</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Maximum Contaminant Levels and Regulatory Dates for Drinking Water – U.S. EPA vs California  | California State Water Resources Control Board (SWRCB) | 2018         | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/ccr/MCLsEPAvsDWP-2018-03-21.pdf">https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/ccr/MCLsEPAvsDWP-2018-03-21.pdf</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions; Chapter 6 - Sustainable Management Criteria |
| Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System database   | California State Water Resources Control Board (SWRCB) | 2019         | <a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/Default.asp">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/Default.asp</a>   | Accessed on various dates  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| The Water Quality Control Plan (Basin Plan) for the California Regional Water Quality Control Board Central Valley Region, Fifth Edition, The Sacramento River Basin and The San Joaquin River Basin | California State Water Resources Control Board (SWRCB) | May 2018     | <a href="https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf">https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf</a>   |  | Chapter 6 - Sustainable Management Criteria  |
| Electronic Data Transfer (EDT) Library   | California State Water Resources Control Board (SWRCB) | n.d.         | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/EDTlibrary.html">https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/EDTlibrary.html</a>   |  | Chapter 2 - Plan Area  |
| Electronic Water Rights Information Management System (eWRIMS) Public Summary Page: El Solyo Water District (A001476)  | California State Water Resources Control Board (SWRCB) | n.d.         | <a href="http://ciwqs.waterboards.ca.gov/ciwqs/ewri.ms/EWServlet?Page_From=EWWaterRightSearchResults.jsp&amp;Redirect_Page=EWPublicAppSummary.jsp&amp;Purpose=getEwrimsPublicSummary&amp;wrWaterRightID=221&amp;applicationID=30681">http://ciwqs.waterboards.ca.gov/ciwqs/ewri.ms/EWServlet?Page_From=EWWaterRightSearchResults.jsp&amp;Redirect_Page=EWPublicAppSummary.jsp&amp;Purpose=getEwrimsPublicSummary&amp;wrWaterRightID=221&amp;applicationID=30681</a> |  | Chapter 2 - Plan Area  |

| Title   | Author   | Publish Year | Reference URL   | Additional Data | GSP Chapter/Section   |
|---|--|--------------|---|-----------------|---|
| Electronic Water Rights Information Management System (eWRIMS) Public Summary Page: Twin Oaks Irrigation Company (A004237)        | California State Water Resources Control Board (SWRCB)                       | n.d.         | <a href="http://ciwqs.waterboards.ca.gov/ciwqs/ewri.ms/EWServlet?Page_From=EWWaterRightSearchResults.jsp&amp;Redirect_Page=EWPublicAppSummary.jsp&amp;Purpose=getEwrimsPublicSummary&amp;wrWaterRightID=736&amp;applicationID=1321">http://ciwqs.waterboards.ca.gov/ciwqs/ewri.ms/EWServlet?Page_From=EWWaterRightSearchResults.jsp&amp;Redirect_Page=EWPublicAppSummary.jsp&amp;Purpose=getEwrimsPublicSummary&amp;wrWaterRightID=736&amp;applicationID=1321</a> |                 | Chapter 2 - Plan Area   |
| Electronic Water Rights Information Management System (eWRIMS) Public Summary Page: West Stanislaus Irrigation District (A001987) | California State Water Resources Control Board (SWRCB)                       | n.d.         | <a href="http://ciwqs.waterboards.ca.gov/ciwqs/ewri.ms/EWServlet?Redirect_Page=EWPublicAppSummary.jsp&amp;Purpose=getEwrimsPublicSummary&amp;wrWaterRightID=299">http://ciwqs.waterboards.ca.gov/ciwqs/ewri.ms/EWServlet?Redirect_Page=EWPublicAppSummary.jsp&amp;Purpose=getEwrimsPublicSummary&amp;wrWaterRightID=299</a>   |                 | Chapter 2 - Plan Area   |
| GeoTracker GAMA   | California State Water Resources Control Board (SWRCB)                       | n.d.         | <a href="http://geotracker.waterboards.ca.gov/gama/">http://geotracker.waterboards.ca.gov/gama/</a>   |                 | Chapter 2 - Plan Area   |
| State Intervention - The State Back Stop, Sustainable Groundwater Management Act (SGMA)   | California State Water Resources Control Board (SWRCB)                       | n.d.         | <a href="https://www.waterboards.ca.gov/water_issues/programs/gmp/docs/intervention/intervention_fs.pdf">https://www.waterboards.ca.gov/water_issues/programs/gmp/docs/intervention/intervention_fs.pdf</a>   |                 | Chapter 2 - Plan Area   |
| What is a Public Water System?  | California State Water Resources Control Board (SWRCB)                       | n.d.         | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/waterpartnerships/what_is_a_public_water_sys.pdf">https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/waterpartnerships/what_is_a_public_water_sys.pdf</a>   |                 | Chapter 2 - Plan Area   |
| California Cities (2015) shapefile  | Caltrans   | 2015         | <a href="http://www.dot.ca.gov/hq/tsip/gis/datalibrary/Metadata/cities.html">http://www.dot.ca.gov/hq/tsip/gis/datalibrary/Metadata/cities.html</a>   |                 | Chapter 2 - Plan Area   |
| Caltrans Adjusted County Boundaries shapefile   | Caltrans   | 2017         | <a href="http://www.dot.ca.gov/hq/tsip/gis/datalibrary/Metadata/Counties.html">http://www.dot.ca.gov/hq/tsip/gis/datalibrary/Metadata/Counties.html</a>   |                 | Maps throughout the GSP Chapters                              |
| Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition                                  | Central Valley Regional Water Quality Control Board (CVRWQCB)                | 2009         | <a href="https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr.pdf">https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr.pdf</a>   |                 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions |
| Irrigated Lands Regulatory Program Frequently Asked Questions   | Central Valley Regional Water Quality Control Board (RWQCB)                  | 2016         | <a href="https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/ilrp_faq.pdf">https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/ilrp_faq.pdf</a>   |                 | Chapter 2 - Plan Area   |
| Irrigated Lands Regulatory Program (ILRP): Overview   | Central Valley Regional Water Quality Control Board (RWQCB)                  | 2018         | <a href="https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/">https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/</a>   |                 | Chapter 2 - Plan Area   |
| CV-SALTS Salt and Nutrient Management Plan, Section 3: Salt & Nitrate in the Central Valley                                       | Central Valley Salinity Alternatives for Long term Sustainability (CV-SALTS) | 2016         | <a href="https://www.cvsalinity.org/docs/committee-document/technical-advisory-docs/conceptual-model-development/3560-snmp-section-3-s-n-conditions-110316-clean/file.html">https://www.cvsalinity.org/docs/committee-document/technical-advisory-docs/conceptual-model-development/3560-snmp-section-3-s-n-conditions-110316-clean/file.html</a>   |                 | Chapter 2 - Plan Area   |

| Title   | Author   | Publish Year | Reference URL   | Additional Data   | GSP Chapter/Section  |
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| CV-SALTS Salt and Nutrient Management Plan, Section 4: Central Valley Salt & Nitrate Management Strategy                                      | Central Valley Salinity Alternatives for Long-term Sustainability (CV-SALTS) | 2016         | <a href="https://www.cvsalinity.org/docs/committee-document/technical-advisory-docs/conceptual-model-development/3559-snpm-section-4-snpm-strategy-110316-clean/file.html">https://www.cvsalinity.org/docs/committee-document/technical-advisory-docs/conceptual-model-development/3559-snpm-section-4-snpm-strategy-110316-clean/file.html</a> |   | Chapter 2 - Plan Area  |
| CV-SALTS Salt and Nutrient Management Plan  | Central Valley Salinity Alternatives Long-term Sustainability (CV-SALTS)     | 2016         | <a href="https://www.cvsalinity.org/docs/central-valley-snpm/final-snpm.html">https://www.cvsalinity.org/docs/central-valley-snpm/final-snpm.html</a>   |   | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| Ambient groundwater Nitrate as N and TDS concentrations clipped for the Delta-Mendota Subbasin  | Central Valley Salinity Alternatives Long-term Sustainability (CV-SALTS)     | 2018         |   | Received via personal communication with Vicki Kretsinger at Luhdorff & Scalmanini Consulting Engineers (LSCE) on November 29, 2018 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| General Plan  | City of Modesto  | 2008         | <a href="http://www.modestogov.com/2069/General-Plan">http://www.modestogov.com/2069/General-Plan</a>   |   | Chapter 2 - Plan Area  |
| General Plan  | City of Patterson  | 2010         | <a href="http://www.ci.patterson.ca.us/145/General-PlanCity-Maps">http://www.ci.patterson.ca.us/145/General-PlanCity-Maps</a>   |   | Chapter 2 - Plan Area  |
| Los Vaqueros Reservoir Expansion Project – Project Documents  | Contra Costa Water District (CCWD)   | n.d.         | <a href="https://www.ccwater.com/993/Project-Documents">https://www.ccwater.com/993/Project-Documents</a>   |   | Chapter 7 - Sustainability Implementation, Section 7.1 Projects & Management Actions |
| Groundwater flow net analysis for lower San Joaquin River Basin   | Cooley, W.   | 2001         | <a href="http://www.sjrdotmdl.org/concept_model/physics-chem_model/documents/300001039.pdf">http://www.sjrdotmdl.org/concept_model/physics-chem_model/documents/300001039.pdf</a>   | Draft memo to CRWQCB Aug 8, 2001  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| Field-scale monitoring of the long-term impact and sustainability of drainage water reuse on the west side of California's San Joaquin Valley | Corwin, D.L.   | 2012         | <a href="https://doi.org/10.1039/c2em10796a">https://doi.org/10.1039/c2em10796a</a>   | Journal of Environmental Monitoring, Vol. 14, 1576.   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| Subsurface geology of the Late Tertiary and Quaternary water-bearing deposits of the southern part of the San Joaquin Valley, California      | Croft, M.G.  | 1972         | <a href="https://pubs.usgs.gov/wsp/1999h/report.pdf">https://pubs.usgs.gov/wsp/1999h/report.pdf</a>   | U.S. Geological Survey Water-Supply Paper 1999-H  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| Ground-water conditions in the Mendota-Huron Area Fresno and Kings Counties, California   | Davis, G.H. and J.F. Poland  | 1957         | <a href="https://doi.org/10.3133/wsp1360G">https://doi.org/10.3133/wsp1360G</a>   | U.S. Geological Survey Water Supply Paper No. 1360-G  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| Use of ground-water reservoirs for storage of surface water in the San Joaquin Valley California  | Davis, G.H., B.E. Lofgren, and S. Mack                                       | 1964         | <a href="https://doi.org/10.3133/wsp1618">https://doi.org/10.3133/wsp1618</a>   | U.S. Geological Survey Water-Supply Paper 1618  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| Ground water conditions and storage capacity in the San Joaquin Valley, California  | Davis, G.H., J.H. Green, S.H. Olmstead, and D.W. Brown                       | 1959         | <a href="https://doi.org/10.3133/wsp1469">https://doi.org/10.3133/wsp1469</a>   | U.S. Geological Survey Water Supply Paper No. 1469, 287 p.  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |

| Title   | Author   | Publish Year | Reference URL   | Additional Data  | GSP Chapter/Section   |
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| Del Puerto Water District Water Management Plan 2014 Criteria   | Del Puerto Water District  | 2017         | Received via personal communication   |  | Chapter 2 - Plan Area   |
| Groundwater flow and solute movement to drain laterals, western San Joaquin Valley, California  | Deverl S.J. and J.L. Fio   | 1991         | <a href="https://doi.org/10.1029/91WR01368">https://doi.org/10.1029/91WR01368</a>   | 1. Geochemical Assessment. Water Resources Research 27(9), 2233-2246, 2247-2257  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Flood Hazard Area shapefile   | Earth Data Analysis Center, University of New Mexico                                     | 2014         | <a href="https://catalog.data.gov/dataset/flood-hazard-area">https://catalog.data.gov/dataset/flood-hazard-area</a>   |  | Chapter 2 - Plan Area   |
| East Stanislaus Region Integrated Regional Water Management Plan Update - Public Draft  | East Stanislaus Regional Water Management Group  | 2017         | <a href="http://www.eaststanirwm.org/documents/2017-esirwmp-publicdraft.pdf">http://www.eaststanirwm.org/documents/2017-esirwmp-publicdraft.pdf</a>   |  | Chapter 2 - Plan Area   |
| ESRI World Imagery layer  | ESRI   | 2017         | <a href="https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9">https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9</a>   | Accessed on various dates  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Progress Report: Subsidence in California, March 2015 – September 2016  | Farr, Tom G., Cathleen E. Jones, and Zhen Liu  | 2017         | <a href="https://water.ca.gov/LegacyFiles/waterconditions/docs/2017/JPL%20subsidence%20report%20final%20for%20public%20dec%202016.pdf">https://water.ca.gov/LegacyFiles/waterconditions/docs/2017/JPL%20subsidence%20report%20final%20for%20public%20dec%202016.pdf</a> | Jet Propulsion Laboratory, California Institute of Technology  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Region 4, Central Valley and Pacific Coast Ranges   | Farrar, C.D., and G.L. Bertoldi  | 1988         | <a href="https://doi.org/10.1130/DNAG-GNA-O2.59">https://doi.org/10.1130/DNAG-GNA-O2.59</a>   | in Back, William, Rosenshein, J.S., and Seaber, P.R., eds., Hydrogeology: Boulder, Colorado, Geological Society of America, Geology of North America, v. O-2, p. 59–67 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Groundwater availability of the Central Valley Aquifer, California  | Faunt, C., R.T. Hanson, K. Belitz, W. Schmid, S. Predmore, D. L. Rewis, and K. McPherson | 2009         | <a href="http://pubs.usgs.gov/pp/1766/">http://pubs.usgs.gov/pp/1766/</a>   | U.S. Geological Survey Professional Paper 1766   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| <i>Development of a three-dimensional model of sedimentary texture in valley-fill deposits of Central Valley, California, USA</i>     | Faunt, C.C., K. Belitz., and R.T. Hanson   | 2010         | <a href="https://doi.org/10.1007/s10040-009-0539-7">https://doi.org/10.1007/s10040-009-0539-7</a>   | U.S. Geological Survey, Hydrogeology Journal, Vol. 18, 625   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Water availability and land subsidence in the Central Valley, California, USA   | Faunt, C.C., M. Sneed, J. Traum, and J.T. Brandt   | 2015         | <a href="https://link.springer.com/content/pdf/10.1007%2Fs10040-015-1339-x.pdf">https://link.springer.com/content/pdf/10.1007%2Fs10040-015-1339-x.pdf</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| Calculation of a water budget and delineation of contributing sources to drainflows in the Western San Joaquin Valley, California     | Fio, J.L.  | 1994         | <a href="https://doi.org/10.3133/ofr9445">https://doi.org/10.3133/ofr9445</a>   | U.S. Geological Survey, Open-File Report 94-45   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Groundwater flow and solute movement to drain laterals, western San Joaquin Valley, California: 2. Quantitative hydrologic assessment | Fio, J.L. and S.J. Deverel   | 1991         | <a href="https://doi.org/10.1029/91WR01368">https://doi.org/10.1029/91WR01368</a>   | Water Resources Research, Vol. 27, No. 9, 2247.  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |



| Title  | Author   | Publish Year | Reference URL   | Additional Data   | GSP Chapter/Section   |
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| Stratigraphy of the West Side Southern San Joaquin Valley  | Foss, F.D., and R. Blaisdell   | 1968         | <a href="http://www.sanjoaquingeologicalsociety.org/wp-content/abstracts/1968_Foss_Blaisdell.pdf">http://www.sanjoaquingeologicalsociety.org/wp-content/abstracts/1968_Foss_Blaisdell.pdf</a>   |   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Groundwater quality in the Western San Joaquin Valley study unit, 2010: California GAMA Priority Basin Project                       | Fram, M.S.   | 2017         | <a href="https://pubs.usgs.gov/sir/2017/5032/sir20175032.pdf">https://pubs.usgs.gov/sir/2017/5032/sir20175032.pdf</a>   | U.S. Geological Survey Scientific Investigations Report 2017-5032, 130 p. | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
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| Geological Atlas of California – Santa Cruz Quadrangle.   | Jennings, C.W. and R.G. Strand                    | 1958         | <a href="https://www.conservation.ca.gov/cgs/maps-data/rqm">https://www.conservation.ca.gov/cgs/maps-data/rqm</a>   | California Geological Survey, Geologic Atlas of California Map No. 020, 1:250,000 scale | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model   |
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| Title  | Author   | Publish Year | Reference URL   | Additional Data   | GSP Chapter/Section   |
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| Groundwater Mining and Export Ordinance #1930 - Frequently Asked Questions           | Merced County  | 2015         | <a href="http://www.co.merced.ca.us/DocumentCenter/View/10906">http://www.co.merced.ca.us/DocumentCenter/View/10906</a>   |   | Chapter 2 - Plan Area   |
| County Code, Title 9 General Health and Safety, Chapter 9.28 Wells                   | Merced County  | n.d.         | <a href="http://www.qcode.us/codes/mercedcounty/view.php?topic=9-9_28&amp;frames=on">http://www.qcode.us/codes/mercedcounty/view.php?topic=9-9_28&amp;frames=on</a>   |   | Chapter 2 - Plan Area   |
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| Title  | Author   | Publish Year | Reference URL   | Additional Data  | GSP Chapter/Section   |
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| Measurement and Computation of Streamflow: Volume 2. Computation of Discharge  | Rantz, S.E. and others   | 1982         | <a href="https://pubs.usgs.gov/wsp/wsp2175/pdf/WSP2175_vol2a.pdf">https://pubs.usgs.gov/wsp/wsp2175/pdf/WSP2175_vol2a.pdf</a>   | United States Geological Survey (USGS) Water Supply Paper 2175 | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring     |
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| City of Patterson 2015 Urban Water Management Plan   | RMC Water & Environment (RMC)  | 2016         | <a href="https://wuedata.water.ca.gov/public/uwmp_attachments/5439267814/2015_UWMP_Final_w-Appendices.pdf">https://wuedata.water.ca.gov/public/uwmp_attachments/5439267814/2015_UWMP_Final_w-Appendices.pdf</a>   |  | Chapter 2 - Plan Area   |
| City of Patterson Water Master Plan, Appendix C: Ken Schmidt and Associates Hydrogeological Analysis                                       | RMC Water & Environment/Woodard & Curran (RMC/W&C and Schmidt)                                   | 2014         | <a href="https://www.ci.patterson.ca.us/DocumentCenter/View/4174/Patterson-WMP-Final-12March18_with-Appendices?bidId=">https://www.ci.patterson.ca.us/DocumentCenter/View/4174/Patterson-WMP-Final-12March18_with-Appendices?bidId=</a>   |  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
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| Title   | Author  | Publish Year | Reference URL   | Additional Data  | GSP Chapter/Section  |
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| Water Well Permits  | San Joaquin County, Environmental Health Department | n.d.         | <a href="https://www.sjgov.org/department/envhealth/programs/default?id=26249">https://www.sjgov.org/department/envhealth/programs/default?id=26249</a>   |  | Chapter 2 - Plan Area  |
| Well Exemption Statement  | San Joaquin County, Environmental Health Department | n.d.         | <a href="https://www.sjgov.org/uploadedfiles/sjc/departments/ehd/forms/new_well_information_exemption_statement.pdf">https://www.sjgov.org/uploadedfiles/sjc/departments/ehd/forms/new well information exemption statement.pdf</a>   |  | Chapter 2 - Plan Area  |
| Subsidence Monitoring   | San Joaquin River Restoration Program               | n.d.         | <a href="http://www.restoresjr.net/science/subsidence-monitoring/">http://www.restoresjr.net/science/subsidence-monitoring/</a>   |  | Chapter 2 - Plan Area; Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions     |
| Delta-Mendota Subbasin Groundwater Monitoring Program   | San Luis & Delta-Mendota Water Authority            | 2015         | <a href="https://www.casgem.water.ca.gov/OSS/(S/5jjakkvz0a2rmysuhksesh2))/Reports/FileDownload.aspx?MNID=314&amp;MEID=5131&amp;File=SLDMWA_Groundwater_Monitoring_Plan_-_Delta_Mendota_Subbasin_08052015124458.pdf">https://www.casgem.water.ca.gov/OSS/(S/5jjakkvz0a2rmysuhksesh2))/Reports/FileDownload.aspx?MNID=314&amp;MEID=5131&amp;File=SLDMWA_Groundwater_Monitoring_Plan_-_Delta_Mendota_Subbasin_08052015124458.pdf</a> | Submitted to the California Department of Water Resources CASGEM Program | Chapter 2 - Plan Area; Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring |
| 2019 Westside San Joaquin Integrated Regional Water Management Plan   | San Luis & Delta-Mendota Water Authority            | January 2019 | <a href="http://sldmwa.org/OHTDocs/pdf_documents/Groundwater/WSJ_IRWMP_2019_Final_w_appendices.pdf">http://sldmwa.org/OHTDocs/pdf_documents/Groundwater/WSJ_IRWMP_2019_Final_w_appendices.pdf</a>   |  | Chapter 2 - Plan Area  |
| Delta-Mendota Canal   | San Luis & Delta-Mendota Water Authority            | n.d.         | <a href="http://www.sldmwa.org/about-sldmwa-facilities/about-the-delta-mendota-canal/">http://www.sldmwa.org/about-sldmwa-facilities/about-the-delta-mendota-canal/</a>   |  | Chapter 2 - Plan Area  |
| Tracy Fish Collection Facility  | San Luis & Delta-Mendota Water Authority            | n.d.         | <a href="http://www.sldmwa.org/about-sldmwa-facilities/tracy-fish-collection-facility/">http://www.sldmwa.org/about-sldmwa-facilities/tracy-fish-collection-facility/</a>   |  | Chapter 2 - Plan Area  |

| Title   | Author  | Publish Year | Reference URL | Additional Data        | GSP Chapter/Section   |
|---|---|--------------|---------------|------------------------|---|
| Central Delta-Mendota Region Sustainable Groundwater Management Act Services Activity Agreement   | San Luis & Delta-Mendota Water Authority (SLDMWA) | 2017         |               |                        | Chapter 3 - Governance & Administration                               |
| First Amendment to Central Delta-Mendota Region Sustainable Groundwater Management Act Services Activity Agreement and Consent of SS-MOA Participants | San Luis & Delta-Mendota Water Authority (SLDMWA) | 2017         |               |                        | Chapter 3 - Governance & Administration                               |
| Memorandum of Agreement for Central Delta-Mendota Region Sustainable Groundwater Management Act Services  | San Luis & Delta-Mendota Water Authority (SLDMWA) | 2017         |               |                        | Chapter 3 - Governance & Administration                               |
| Northern Delta-Mendota Region Sustainable Groundwater Management Act Services Activity Agreement  | San Luis & Delta-Mendota Water Authority (SLDMWA) | 2017         |               |                        | Chapter 3 - Governance & Administration                               |
| Delta-Mendota Canal Check Points coordinates  | San Luis & Delta-Mendota Water Authority (SLDMWA) | n.d.         |               | Personal communication | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |

| Title  | Author  | Publish Year | Reference URL   | Additional Data                                 | GSP Chapter/Section  |
|--|---|--------------|---|---|--|
| SLDMWA Member Agencies shapefile   | San Luis & Delta-Mendota Water Authority (SLDMWA)   | n.d.         |   | Personal communication                          | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model  |
| Data Sharing Agreement   | San Luis & Delta-Mendota Water Authority (SLDMWA) on behalf of Northern & Central Delta-Mendota GSP Group; Westlands Water District | 2018         |   |   | Chapter 3 - Governance & Administration  |
| San Luis Water District 2015 SBx7-7 Supplemental Report and Measurement Certification  | San Luis Water District   | 2016         | <a href="https://www.water.ca.gov/LegacyFiles/wateruseefficiency/sb7/docs/2017/SanLuisWD2015SupplementalReport.pdf">https://www.water.ca.gov/LegacyFiles/wateruseefficiency/sb7/docs/2017/San Luis WD 2015 Supplemental Report.pdf</a>  |   | Chapter 2 - Plan Area  |
| Pacheco Reservoir Expansion Project: A 21st Century Solution Delivering Sustainability Benefits for All of Us                            | Santa Clara Valley Water District (SCVWD)   | n.d.         | <a href="https://www.valleywater.org/project-updates/dam-reservoir-projects/pacheco-reservoir-expansion-project-proposed">https://www.valleywater.org/project-updates/dam-reservoir-projects/pacheco-reservoir-expansion-project-proposed</a>   |   | Chapter 7 - Sustainability Implementation, Section 7.1 Projects & Management Actions   |
| Statement from Chair Richard P. Santos on \$485 Million Funding Award for the Pacheco Reservoir Expansion Project                        | Santa Clara Valley Water News   | July 2018    | <a href="https://valleywaternews.org/2018/07/24/statement-from-chair-richard-p-santos-on-485-million-funding-award-for-the-pacheco-reservoir-expansion-project/">https://valleywaternews.org/2018/07/24/statement-from-chair-richard-p-santos-on-485-million-funding-award-for-the-pacheco-reservoir-expansion-project/</a>       |   | Chapter 7 - Sustainability Implementation, Section 7.1 Projects & Management Actions   |
| Topographic map of GSA and Location of Subsurface Geologic Cross Sections, with accompanying cross-sections for the Los Banos Creek area | Schmidt, K.D.   | n.d.         | <a href="\\woodardcurran.net\shared\Projects\RMC\WCR\0617 SLDMWA\0011081 GSP Development\R. Reference Material\Geology-Hydrogeo\Geologic Cross Sections, SJREC.pdf">\\woodardcurran.net\shared\Projects\RMC\WCR\0617 SLDMWA\0011081 GSP Development\R. Reference Material\Geology-Hydrogeo\Geologic Cross Sections, SJREC.pdf</a> | Received via personal communication             | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model  |
| Groundwater Conditions in and near the Central California Irrigation District  | Schmidt, K.D.   | 1997         |   | Los Banos, California. 89 p.                    | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model  |
| Groundwater Flows in the San Joaquin River Exchange Contractors Service Area   | Schmidt, K.D.   | 1997         |   | Prepared for SJREC, Los Banos, California, 46p. | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model  |
| Groundwater Overdraft in the Delta-Mendota Subbasin  | Schmidt, K.D.   | 2015         |   |   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model; Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions |



| Title   | Author  | Publish Year | Reference URL   | Additional Data  | GSP Chapter/Section  |
|---|---|--------------|---|--|--|
| Aliso Water District GSA shapefile  | SGMA Portal   | 2017         | <a href="https://sgma.water.ca.gov/portal/gsa/print/23">https://sgma.water.ca.gov/portal/gsa/print/23</a>   |  | Chapter 2 - Plan Area  |
| Sites Reservoir Project: Offstream Water Storage North of the Sacramento-San Joaquin Delta (Delta)                | Sites Reservoir Authority   | August 2018  | <a href="https://www.sitesproject.org/wp-content/uploads/2018/08/Sites_Overview_Brochure_August2018-1.pdf">https://www.sitesproject.org/wp-content/uploads/2018/08/Sites_Overview_Brochure_August2018-1.pdf</a> |  | Chapter 7 - Sustainability Implementation, Section 7.1 Projects & Management Actions |
| Land subsidence in the San Joaquin Valley, California, USA, 2007-2014   | Sneed, M. and J.T. Brandt   | 2015         | <a href="https://www.prociiahs.net/372/23/2015/piahs-372-23-2015.pdf">https://www.prociiahs.net/372/23/2015/piahs-372-23-2015.pdf</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| Land subsidence along the Delta-Mendota Canal in the northern part of the San Joaquin Valley, California, 2003-10 | Sneed, M., J. Brandt, and M. Solt   | 2013         | <a href="http://dx.doi.org/10.3133/sir20135142">http://dx.doi.org/10.3133/sir20135142</a>   | U.S. Geological Survey Scientific Investigations Report 2013-5142, 87 p. | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| Web Soil Survey   | Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. | n.d.         | <a href="https://websoilsurvey.nrcs.usda.gov/">https://websoilsurvey.nrcs.usda.gov/</a>   |  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| Crows Landing Community Plan  | Stanislaus County   | 1987         | <a href="http://www.stancounty.com/planning/pl/documents/gp/i-a-1-crows-landing-cp.pdf">http://www.stancounty.com/planning/pl/documents/gp/i-a-1-crows-landing-cp.pdf</a>                                       |  | Chapter 2 - Plan Area  |
| Westley Community Plan  | Stanislaus County   | 1987         | <a href="http://www.stancounty.com/planning/pl/documents/gp/i-a-9-westley-cp.pdf">http://www.stancounty.com/planning/pl/documents/gp/i-a-9-westley-cp.pdf</a>   |  | Chapter 2 - Plan Area  |
| An Ordinance Amending Chapter 9.37 Relating to Groundwater  | Stanislaus County   | 2014         | <a href="http://www.stancounty.com/er/pdf/groundwater/chapter-9-37.pdf">http://www.stancounty.com/er/pdf/groundwater/chapter-9-37.pdf</a>   |  | Chapter 2 - Plan Area  |
| Discretionary Well Permitting and Management Program, Notice of Preparation Program Environmental Impact Report   | Stanislaus County   | 2016         | <a href="http://www.stancounty.com/er/pdf/groundwater/notice-of-preparation.pdf">http://www.stancounty.com/er/pdf/groundwater/notice-of-preparation.pdf</a>   |  | Chapter 2 - Plan Area  |
| Stanislaus County Code, Title 9 Health and Safety, Chapter 9.37 Groundwater, 9.37.060 Implementation              | Stanislaus County   | n.d.         | <a href="http://qcode.us/codes/stanislauscounty/?view=desktop&amp;topic=9-9_37-9_37_060">http://qcode.us/codes/stanislauscounty/?view=desktop&amp;topic=9-9_37-9_37_060</a>                                     |  | Chapter 2 - Plan Area  |
| Zoning Ordinance  | Stanislaus County   | n.d.         | <a href="http://www.stancounty.com/planning/forms/stanislaus-county-code-title-21-zoning-ordinance.pdf">http://www.stancounty.com/planning/forms/stanislaus-county-code-title-21-zoning-ordinance.pdf</a>       |  | Chapter 2 - Plan Area  |
| Application for Well Construction or Destruction  | Stanislaus County, Department of Environmental Resources  | 2014         | <a href="http://www.stancounty.com/er/pdf/water-well-construction-and-destruction-application.pdf">http://www.stancounty.com/er/pdf/water-well-construction-and-destruction-application.pdf</a>                 |  | Chapter 2 - Plan Area  |
| Groundwater Resources   | Stanislaus County, Department of Environmental Resources  | 2018         | <a href="http://www.stancounty.com/er/groundwater/">http://www.stancounty.com/er/groundwater/</a>   |  | Chapter 2 - Plan Area  |
| County Groundwater Ordinance - Well Application Review Process  | Stanislaus County, Department of Environmental Resources  | n.d.         | <a href="http://www.stancounty.com/er/pdf/application-packet.pdf">http://www.stancounty.com/er/pdf/application-packet.pdf</a>   |  | Chapter 2 - Plan Area  |

| Title  | Author  | Publish Year | Reference URL   | Additional Data  | GSP Chapter/Section  |
|--|---|--------------|---|--|--|
| General Plan   | Stanislaus County, Planning Division                                      | 2015         | <a href="http://www.stancounty.com/planning/pl/general-plan.shtml">http://www.stancounty.com/planning/pl/general-plan.shtml</a>   |  | Chapter 2 - Plan Area  |
| California Code of Regulation Title 22. Division 4. Environmental Health Chapter. 15 Domestic Water Quality and Monitoring Regulations Article 16. Secondary Water Standards | State of California   | 2006         | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/recentlyadoptedregulations/R-21-03-finalreqtext.pdf">https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/recentlyadoptedregulations/R-21-03-finalreqtext.pdf</a> |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions; Chapter 6 - Sustainable Management Criteria |
| Senior Water Rights Curtailed in Delta, San Joaquin & Sacramento Watersheds  | State of California   | 2015         | <a href="http://www.drought.ca.gov/topstory/top-story-37.html">http://www.drought.ca.gov/topstory/top-story-37.html</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| California Regulations Related to Drinking Water   | State of California   | 2017         | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/lawbook/dwregulations-2017-12-29.pdf">https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/lawbook/dwregulations-2017-12-29.pdf</a>                               |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Geologic nitrogen may pose hazard  | Strathouse, S. M. and G. Sposito  | 1980         | <a href="http://calag.ucanr.edu/archive/?type=pdf&amp;article=ca.v034n08p20">http://calag.ucanr.edu/archive/?type=pdf&amp;article=ca.v034n08p20</a>   | California Agriculture   | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                                      |
| Geologic nitrogen and the occurrence of high nitrate soils in western San Joaquin Valley, California   | Sullivan, P.J., G. Sposito, S.M. Strathouse, and C.L. Hansen              | 1979         | <a href="http://hilgardia.ucanr.edu/fileaccess.cfm?article=152819&amp;p=WXIALI">http://hilgardia.ucanr.edu/fileaccess.cfm?article=152819&amp;p=WXIALI</a>   | Hilgardia, Vol. 47, No. 2, 15-49 p.  | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                                      |
| Land subsidence in the San Joaquin Valley, updated to 1995   | Swanson, A.A.   | 1998         |   | Borchers, J.W., ed., Land subsidence case studies and current research: Proceedings of the Dr. Joseph F. Poland Symposium on Land Subsidence, Sacramento, Calif., October 4-5, 1995, Association of Engineering Geologists, Special Publication no. 8, p. 75-79. | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Groundwater and Stream Interaction in California's Central Valley: Insights for Sustainable Groundwater Management   | The Nature Conservancy (TNC)  | 2014         | <a href="https://www.scienceforconservation.org/assets/downloads/GroundwaterStreamInteraction_2016.pdf">https://www.scienceforconservation.org/assets/downloads/GroundwaterStreamInteraction_2016.pdf</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Identifying Environmental Surface Water Users - Freshwater Species List for Each Groundwater Basin dataset, by GSA   | The Nature Conservancy (TNC)  | n.d.         | <a href="https://groundwaterresourcehub.org/gde-tools/environmental-surface-water-beneficiaries/">https://groundwaterresourcehub.org/gde-tools/environmental-surface-water-beneficiaries/</a>   |  | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Santa Nella Community Specific Plan  | The Planning Center, CCS Planning and Engineering, and Land Use Economics | 2000         | <a href="http://web2.co.merced.ca.us/pdfs/planning/cplan/completed/santanella/Santa%20Nella%20CSP%2005052000.pdf">http://web2.co.merced.ca.us/pdfs/planning/cplan/completed/santanella/Santa%20Nella%20CSP%2005052000.pdf</a>   |  | Chapter 2 - Plan Area  |

| Title  | Author   | Publish Year | Reference URL   | Additional Data                     | GSP Chapter/Section  |
|--|--|--------------|---|-------------------------------------|--|
| State of California Well Completion Report, Well No. 568692.   | Tranquillity Irrigation District (Tranquillity ID) | 1994         |   | Received via personal communication | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                                      |
| State of California Well Completion Report, Well No. 814966.   | Tranquillity Irrigation District (Tranquillity ID) | 2000         |   | Received via personal communication | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                                      |
| P252 – Overview   PBO Station page   | UNAVCO   | 2019         | <a href="https://www.unavco.org/instrumentation/networks/status/pbo/overview/P252">https://www.unavco.org/instrumentation/networks/status/pbo/overview/P252</a> |                                     | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring  |
| UNAVCO's Monitoring Network Map database   | UNAVCO   | 2019         | <a href="https://www.unavco.org/instrumentation/networks/map/map.html#/">https://www.unavco.org/instrumentation/networks/map/map.html#/</a>                     |                                     | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| PBO GPS Stations Network Monitoring  | UNAVCO   | n.d.         | <a href="http://www.unavco.org/instrumentation/networks/status/pbo/gps">http://www.unavco.org/instrumentation/networks/status/pbo/gps</a>                       |                                     | Chapter 2 - Plan Area  |
| USBR computed full natural flows from 1906-2002  | United State Bureau of Reclamation (USBR)          | 2002         |   |                                     | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions  |
| Delta-Mendota Canal Non-Project Water Pump-in Program Monitoring Plan  | United States Bureau of Reclamation                | 2018         | <a href="https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=32784">https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=32784</a>           |                                     | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions; Chapter 6 - Sustainable Management Criteria |
| Delta-Mendota Canal Groundwater Pump-in Program Water Quality Monitoring Plan  | United States Bureau of Reclamation (USBR)         | 2013         | <a href="https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=11952">https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=11952</a>           |                                     | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring  |
| Central Valley Project (CVP) Water Contractors   | United States Bureau of Reclamation (USBR)         | 2016         | <a href="https://www.usbr.gov/mp/cvp-water/docs/latest-water-contractors.pdf">https://www.usbr.gov/mp/cvp-water/docs/latest-water-contractors.pdf</a>           |                                     | Chapter 2 - Plan Area  |
| California Irrigation District and Del Puerto Water District Orestimba Creek Groundwater Recharge Project, Finding of No Significant Impact  | United States Bureau of Reclamation (USBR)         | 2017         | <a href="https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=29141">https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=29141</a>           |                                     | Chapter 2 - Plan Area  |
| Central California Irrigation District and Del Puerto Water District Orestimba Creek Groundwater Recharge Project, Draft Environmental Assessment/Initial Study and Mitigated Negative Declaration | United States Bureau of Reclamation (USBR)         | 2017         | <a href="https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=28394">https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=28394</a>           |                                     | Chapter 2 - Plan Area  |
| Grassland Bypass Project   | United States Bureau of Reclamation (USBR)         | 2017         | <a href="https://www.usbr.gov/mp/grassland/">https://www.usbr.gov/mp/grassland/</a>   |                                     | Chapter 2 - Plan Area  |
| Delta-Mendota Canal Groundwater Pump-in Program Revised Design Constraints, Final Environmental Assessment   | United States Bureau of Reclamation (USBR)         | 2018         | <a href="https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=33261">https://www.usbr.gov/mp/nepa/includes/documentShow.php?Doc_ID=33261</a>           |                                     | Chapter 2 - Plan Area  |

| Title   | Author  | Publish Year  | Reference URL   | Additional Data | GSP Chapter/Section  |
|---|---|---------------|---|-----------------|--|
| San Luis Reservoir Expansion Draft Appraisal Report   | United States Bureau of Reclamation (USBR)  | December 2013 | <a href="https://www.usbr.gov/mp/slpp/docs/2013-11-19-draft-san-luis-expansion-appraisal-report.pdf">https://www.usbr.gov/mp/slpp/docs/2013-11-19-draft-san-luis-expansion-appraisal-report.pdf</a> |                 | Chapter 7 - Sustainability Implementation, Section 7.1 Projects & Management Actions |
| 2014 TIGER/Line Shapefiles: Roads, Primary and Secondary Roads, California  | United States Census Bureau   | 2014          | <a href="https://www.census.gov/cgi-bin/geo/shapefiles/index.php?year=2014&amp;layergroup=Roads">https://www.census.gov/cgi-bin/geo/shapefiles/index.php?year=2014&amp;layergroup=Roads</a>         |                 | Maps throughout the GSP Chapters   |
| Population Estimates Program  | United States Census Bureau   | 2015          | <a href="http://www.census.gov/quickfacts">www.census.gov/quickfacts</a>  |                 | Chapter 2 - Plan Area  |
| American FactFinder 2016 California Block Group population data   | United States Census Bureau   | 2016          | <a href="https://factfinder.census.gov/faces/nav/jsf/pages/download_center.xhtml">https://factfinder.census.gov/faces/nav/jsf/pages/download_center.xhtml</a>                                       |                 | Chapter 2 - Plan Area  |
| California Block Group shapefile  | United States Census Bureau   | 2016          | <a href="https://www.census.gov/cgi-bin/geo/shapefiles/index.php">https://www.census.gov/cgi-bin/geo/shapefiles/index.php</a>   |                 | Chapter 2 - Plan Area  |
| Incorporated Places and Census Designated Places shapefile  | United States Census Bureau   | 2017          | <a href="https://www.census.gov/geo/maps-data/data/cbf/cbf_place.html">https://www.census.gov/geo/maps-data/data/cbf/cbf_place.html</a>   |                 | Chapter 2 - Plan Area  |
| Part 650 Engineering Field Handbook, Chapter 1 Surveying  | United States Department of Agriculture (USDA), National Resource Conservation Service (NRCS) | October 2009  | <a href="https://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=25276.wba">https://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=25276.wba</a>                             |                 | Chapter 7 - Sustainability Implementation, Section 7.2 Monitoring                    |
| BLM National Surface Management Agency Area Polygons shapefiles   | United States Department of the Interior, Bureau of Land Management                           | 2013          | <a href="https://catalog.data.gov/dataset/blm-national-surface-management-agency-area-polygons">https://catalog.data.gov/dataset/blm-national-surface-management-agency-area-polygons</a>           |                 | Chapter 2 - Plan Area  |
| About the Refuge: San Joaquin River National Wildlife Refuge, California  | United States Fish & Wildlife Service   | 2012          | <a href="https://www.fws.gov/Refuge/San_Joaquin_River/about.html">https://www.fws.gov/Refuge/San_Joaquin_River/about.html</a>   |                 | Chapter 2 - Plan Area  |
| San Luis National Wildlife Refuge, California   | United States Fish & Wildlife Service   | 2012          | <a href="https://www.fws.gov/Refuge/San_Luis/about.html">https://www.fws.gov/Refuge/San_Luis/about.html</a>   |                 | Chapter 2 - Plan Area  |
| Water resources data for California, 1910-2000 for various gaging stations within the San Joaquin Valley                                      | United States Geological Survey (USGS)  | 2000          |   |                 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| Central Valley Spatial Database, Corcoran Clay Depth, Extent, and Thickness shapefiles  | United States Geological Survey (USGS)  | 2012          | <a href="https://ca.water.usgs.gov/projects/central-valley/central-valley-spatial-database.html">https://ca.water.usgs.gov/projects/central-valley/central-valley-spatial-database.html</a>         |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| California Water Science Center (CAWSC) – Groundwater Ambient Monitoring and Assessment (GAMA) Program, Western San Joaquin Valley Study Unit | United States Geological Survey (USGS)  | 2018          | <a href="https://ca.water.usgs.gov/gama/SU/w_sjv.htm">https://ca.water.usgs.gov/gama/SU/w_sjv.htm</a>   |                 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions                        |
| National Elevation Dataset, Ground Surface Elevation shapefile  | United States Geological Survey (USGS)  | 2018          | <a href="https://viewer.nationalmap.gov/advanced-viewer/">https://viewer.nationalmap.gov/advanced-viewer/</a>   |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |
| National Hydrograph Dataset   | United States Geological Survey (USGS)  | n.d.          | <a href="https://viewer.nationalmap.gov/basic/?baseMap=b1&amp;category=nhd&amp;title=NHD%20View">https://viewer.nationalmap.gov/basic/?baseMap=b1&amp;category=nhd&amp;title=NHD%20View</a>         |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model                |

| Title   | Author  | Publish Year | Reference URL   | Additional Data | GSP Chapter/Section   |
|---|---|--------------|---|-----------------|---|
| National Water Information System: Mapper   | United States Geological Survey (USGS)  | n.d.         | <a href="https://maps.waterdata.usgs.gov/mapper/index.html">https://maps.waterdata.usgs.gov/mapper/index.html</a>   |                 | Chapter 2 - Plan Area   |
| Delta-Mendota Canal: Evaluation of Groundwater Conditions & Land Subsidence   | United States Geological Survey (USGS), California Water Science Center (CWSC)                                | 2017         | <a href="https://ca.water.usgs.gov/projects/central-valley/delta-mendota-canal.html">https://ca.water.usgs.gov/projects/central-valley/delta-mendota-canal.html</a>   |                 | Chapter 5 - Basin Setting, Section 5.3 Groundwater Conditions         |
| USGS Land Subsidence Resources  | United States Geological Survey, California Water Science Center  | n.d.         | <a href="https://ca.water.usgs.gov/land_subsidence/california-subsidence-resources.php">https://ca.water.usgs.gov/land_subsidence/california-subsidence-resources.php</a>   |                 | Chapter 2 - Plan Area   |
| Soil Agricultural Groundwater Banking Index (SAGBI)   | University of California, Davis (UCD) Department of Agriculture and Natural Resources. n.d. Soil Resource Lab | n.d.         | <a href="https://casoilresource.lawr.ucdavis.edu/sagbi/">https://casoilresource.lawr.ucdavis.edu/sagbi/</a>   |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| Geologic Map of the San Francisco – San Jose Quadrangle. California Geological Survey, Regional Geologic Map No. 5A, 1:250,000 scale. | Wagner, D.L., Bortugno, E.J., and Mc Junkin, R.D.   | 1991         | <a href="https://www.conservation.ca.gov/cgs/maps-data/rqm">https://www.conservation.ca.gov/cgs/maps-data/rqm</a>   |                 | Chapter 5 - Basin Setting, Section 5.2 Hydrogeologic Conceptual Model |
| San Luis Reservoir  | Water Education Foundation  | n.d.         | <a href="http://www.watereducation.org/aquapedia/san-luis-reservoir">http://www.watereducation.org/aquapedia/san-luis-reservoir</a>   |                 | Chapter 2 - Plan Area   |
| West Stanislaus Irrigation District Water Management Plan, 2011 Criteria  | West Stanislaus Irrigation District   | 2014         | <a href="https://www.water.ca.gov/LegacyFiles/wateruseefficiency/sb7/docs/2016/WestStanislausID2014WMP.pdf">https://www.water.ca.gov/LegacyFiles/wateruseefficiency/sb7/docs/2016/WestStanislausID2014WMP.pdf</a>             |                 | Chapter 2 - Plan Area   |
| City of Modesto 2015 Urban Water Management Plan  | West Yost Associates  | 2016         | <a href="https://wuedata.water.ca.gov/public/uwmp/attachments/9017789542/CityofModestoFinal2015UWMP-June2016.pdf">https://wuedata.water.ca.gov/public/uwmp/attachments/9017789542/CityofModestoFinal2015UWMP-June2016.pdf</a> |                 | Chapter 2 - Plan Area   |
| About Us  | Westside San Joaquin River Watershed Coalition  | n.d.         | <a href="http://www.westsidesjr.org/">http://www.westsidesjr.org/</a>   |                 | Chapter 2 - Plan Area   |
| California Canals shapefile   | Woodard & Curran  | 2010         |   |                 | Maps throughout the GSP Chapters                                      |
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| Title  | Author | Publish Year | Reference URL | Additional Data | GSP Chapter/Section                     |
|--|--------|--------------|---------------|-----------------|---|
| Central Delta-Mendota Groundwater Sustainability Agency Joint Powers Agreement |        | 2019         |               |                 | Chapter 3 - Governance & Administration |

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