

## **Appendix B: Inventory of Data Sources**

**LIST OF DATA SOURCES AND REFERENCES TO SUPPORT WATER  
QUALITY IMPROVEMENT PLAN FOR THE SOUTH ORANGE COUNTY  
WATERSHED MANAGEMENT AREA  
November 4, 2015**

**Orange County Public Works Data Sources and References**

1. 2003 Drainage Area Management Plan (DAMP)
2. Program Effectiveness Assessment (PEA) Reports (2000-01 through 2013-14 reporting periods)
3. San Diego Region Report of Waste Discharge (ROWD) State of the Environment Report (2014)
4. Aliso Creek Watershed Runoff Management Plan (WRMP) Water Quality Data Assessment (2014)
5. Aliso Creek Comprehensive Load Reduction Plan (2014 update)
6. San Juan Creek Comprehensive Load Reduction Plan (2015 update)
7. San Juan Creek Watershed Bacterial Study (2002)
8. South Orange County Watershed Management Area (WMA) Integrated Regional Watershed Management (IRWM) Plan (2002)
9. San Juan Creek Watershed Management Plan (2002)
10. San Juan Creek Watershed Management Study F5 Report (2002)
11. South OC WMA Integrated Regional Watershed Management Plan (2013)
12. South Orange County Hydromodification Management Plan (2015)
13. Annual Progress Report for the Trash and Litter Investigation Special Study (2013)
14. Model Water Quality Management Plan (WQMP) for South Orange County (2013)
15. Baby Beach Dana Point Harbor Bacterial Indicator Total Maximum Daily Load Annual Progress Report (FY 2012-13)
16. Poche Clean Beach Project Annual Water Quality Report (2013)
17. San Mateo Creek Watershed Workplan (2013)
18. San Juan Creek Watershed Workplan (2013)
19. San Clemente Coastal Streams Watershed Workplan (2013)
20. Laguna Coastal Streams Watershed Workplan (2013)
21. Dana Point Coastal Streams Watershed Workplan (2013)
22. Aliso Creek Watershed Workplan (2013)
23. Regional Harbor Monitoring Program Pilot Project 2005-08 Final Report
24. Feasibility Scoping Meeting Documentation - Aliso Creek Mainstem Ecosystem Restoration Study (2009)
25. 2013-14 Baby Beach Bacteria Test Results - Appendix A
26. Baby Beach Annual Progress Report (FY13-14) Appendix B - BMP Implementation Timeline
27. Distribution of Data across the South Orange County Watersheds – Summary
28. OC Watersheds Monitoring Program Data for the San Diego Region (2001 – 2015)
29. Doheny State Beach Sewer Infrastructure Dye Study (2014 - 2015)

30. Technical Investigative Report of the L01S03 Drainage Area Source Investigation and Identification Study - San Juan Creek Watershed (2011)
31. Flood Plan for the South Orange County Integrated Regional Watershed Management Plan (2013)
32. Characterization of Total Dissolved Solids, Chloride, and Sulfate within the Oso Creek Watershed (2012)

#### **Additional Data Sources and References**

1. Orange County Health Care Agency: Annual Ocean, Harbor and Bay Water Quality Reports (2001 through 2014 reporting periods)
2. Heal the Bay: Annual Beach Report Cards (1999-2000 through 2013-14 reporting periods)
3. City of San Clemente: Poche Beach Bacterial Source Tracking Investigation, Final Report (2013)
4. Stormwater Monitoring Coalition (SMC): Bioassessment of Perennial Streams in Southern California: A Report on the First Five Years of the Stormwater Monitoring Coalition's Regional Stream Survey (2015)
5. Stormwater Monitoring Coalition (SMC): Ecological Condition of Watersheds in Coastal Southern California: Summary of Stormwater Monitoring Coalition's Stream Monitoring Program First Year -2009 (2011)
6. Southern California Coastal Water Research Project (SCCWRP): Sources, patterns and mechanisms of storm water pollutant loading from watersheds and land uses of the greater Los Angeles area, California, USA (2007)
7. Southern California Coastal Water Research Project (SCCWRP): Assessing Areas of Special Biological Significance Exposure to Stormwater Plumes Using a Surface Transport Model (2014)
8. Stormwater Monitoring Coalition (SMC): Bioassessment Survey of Stormwater Monitoring Coalition – Workplan for years 2015 through 2019 Version 1.0 (2015)
9. United States Environmental Protection Agency (EPA): Linking Nutrients to Alterations in Aquatic Life in California Wadeable Streams (2014)
10. Southern California Coastal Water Research Project (SCCWRP): Wet and Dry Weather Natural Background Concentrations of Fecal Indicator Bacteria in San Diego, Orange, and Ventura County, California Streams (2015)
11. Southern California Coastal Water Research Project (SCCWRP): Fecal Indicator Bacteria (FIB) Levels During Dry Weather from Southern California Reference Streams (2008)
12. Southern California Coastal Water Research Project (SCCWRP): Organophosphorous Pesticides in Stormwater Runoff from Southern California (2001)
13. Southern California Coastal Water Research Project (SCCWRP): Estimating Wet and Dry Deposition of Nitrogen to Southern California Streams: Final Report (2014)
14. Surface Water Ambient Monitoring Program (SWAMP): Report on the San Juan Hydrologic Unit (2008)

15. California Department of Pesticide Regulation (DPR): Ambient and Mitigation Monitoring in Urban Areas in Southern California during Fiscal Year 2014 – 2015
16. California Department of Pesticide Regulation (DPR): Monitoring Surface Water for Selected Insecticides in Red Imported Fire Ant Treatment Areas (1999)
17. California Department of Pesticide Regulation (DPR): Monitoring Urban Pesticide Runoff in California 2008 – 2009 (2011)
18. California Department of Pesticide Regulation (DPR): Urban Pesticide Monitoring in Southern California (2010)
19. California Department of Pesticide Regulation (DPR): Urban Pesticide Monitoring in Southern California During Fiscal Year 2013-2014
20. San Juan Basin Authority: Final Draft SJB Groundwater Management and Facilities Plan (2013)
21. Bardsley, A.; Hammond, D. E.; von Bitner, T. (2013). Sulfide Oxidation in Marine Sedimentary Rocks as a Source of Trace Metals and Sulfate to Urban California Streams.
22. Bardsley, A.; Hammond, D. E.; von Bitner, T.; Nikolaus H. Buenning; Amy Townsend-Small (2015). Shallow Groundwater Conveyance of Geologically Derived Contaminants to Urban Creeks in Southern California.
23. City of Laguna Niguel: Upper Sulphur Creek Restoration Project - Final Report (2007)
24. Jiang, S.; Noble, R.; Chu, W. (2000). Human Adenoviruses and Coliphages in Urban Runoff Impacted Coastal Waters of Southern California.
25. City of Laguna Niguel: Flow Monitoring at NARCO Channel (January 2007 – February 2007)
26. California State Water Resources Control Board (SWRCB): The Sulphur Solution: Prevent, Control, Restore Project – Final Report (2008)
27. City of Laguna Niguel: The Wetland Capture and Treatment Network (WetCAT) – Final Report (2004)
28. Municipal Water District of Orange County: Smart Timer Edgescape Evaluation Project (SEEP) – Final Report (2008)
29. Wang, X.; Sultana, C.; (2015). Microbial Control of Sea Spray Aerosol Composition: A Tale of Two Blooms.
30. Megan A. Rippey, Robert Stein, Brett F. Sanders, Kristen Davis, Karen McLaughlin, John F. Skinner, John Kappeler, and Stanley B. Grant (2014). Small Drains, Big Problems: The Impact of Dry Weather Runoff on Shoreline Water Quality at Enclosed Beaches
31. Surfrider Foundation: Blue Water Task Force - San Clemente Beaches Enterococcus Data (2000 – 2015)
32. City of Dana Point: Salt Creek Data (2008 - 2015)
33. Southern California Coastal Water Research Project (SCCWRP): Doheny State Beach Microbial Source Tracking Study (2014)
34. OC Coastal Cleanup Day Site Results (2014 & 2015)
35. City of Dana Point: San Juan Creek Observations (2006 – 2015)

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36. South Orange County Wastewater Authority (SOCWA): Salt and Nutrient Management Plan for the South Orange County Aliso Creek, San Juan Creek and Portions of Other Basins (2014 Draft Report)
37. City of Dana Point: Recycled Water Fingerprint
38. South Orange County Recycled Water Systems Map (2014)
39. City of Dana Point: San Juan Creek Historical Photos, Maps, Narratives
40. Rancho Mission Viejo Company: San Juan Creek Watershed Stream Monitoring Program (2008)
41. Rancho Mission Viejo Company: Runoff Management Plan (2006)
42. Rancho Mission Viejo Company: Southern Subregion Natural Communities Conservation Plan
43. Audubon Starr Ranch: Bioassessment Data (2004-2014)
44. City of Aliso Viejo: Wood Canyon Wetland Water Quality Data (2006-2010)
45. City of Aliso Viejo: Dairy Fork Monitoring Data (2001-2011)
46. U.S. Army Corps of Engineers: Alternatives Analysis for San Juan Creek and Western San Mateo Creek Watersheds - Potential Impacts to Waters of the United States and Riparian Ecosystems (2005)
47. Dorsey, J.H. (2010). Improving Water Quality Through California's Clean Beach Initiative: an assessment of 17 projects.
48. Municipal Water District of Orange County: Doheny Desalination Project Reports - San Juan Creek and Costal Lagoon Baseline Environmental Monitoring Revised Scope

All the above listed data sources and references can be found at the following link:

<https://ocgov.box.com/s/q7t3k92dn12mqmn3eswbrd1vftrlin10>