ATTACHMENT X — REFERENCES

- Barton, C. & Kinkead, K. (2005). Do erosion control and snakes mesh? *Journal of Soil and Water Conservation*, 60 (2), 33A 35A.
- Bledsoe, B. P. (1999). Specific Stream Power as an Indicator of Channel Pattern, Stability, and Response to Urbanization, PhD Dissertation, Colorado State University Department of Civil Engineering.
- Bledsoe, B. P., Watson, C.C., & Biedenharn, D.S. (2002). Quantification of incised channel evolution and equilibrium, *Journal of the American Water Resources Association*, 38 (3), 861-870.
- Bledsoe, B. P., & Watson, C.C. (2004). Regional risk analysis of channel instability, *American Society of Civil Engineers*.
- Bledsoe, B., Hawley, R., & Stein, E. (2008). Stream channel classification and mapping systems: Implications for assessing susceptibility to hydromodification effects in southern California. Southern California Coastal Water Research Project, Technical Report 562.
- Booth, D. B. (1990). Stream channel incision following drainage-Basin urbanization, Paper No. 89098, Water Resources Bulletin 26(3), 407-417.
- Booth, D. B. & Jackson, C. R. (1997). Urbanization of aquatic systems: Degradation thresholds, stormwater detection, and the limits of mitigation. *Journal of the American Water Resources Association* Volume 33(5), 1077-1089.
- Brown, K. B. (2000). *Housing density and urban land use as stream quality indicators* in Practice of Watershed Protection, Article 25, p. 123-127.
- Brzozowski, C. (2009). Versatility in control, *Erosion Control Journal*, November-December 2009. Retrieved on May 17, 2010 from http://www.erosioncontrol.com/November-december-2009/mats-blankets-erosion-5.aspx
- California Department of Fish & Game. (2010). California Salmonid Stream Habitat Restoration Manual, 4th edition. Retrieved on December 27, 2010 from http://www.dfg.ca.gov/fish/Resources/HabitatManual.asp
- California Department of Public Health. (2011). Best Management Practices for Mosquito Control in California. Retrieved on September 13, 2011 from http://www.westnile.ca.gov/resources.php

2012-XXX-DWQ 1 April 27, 2012

- California Department of Toxics Substance Control (DTSC). (2009). Caltrans Lead Variance for ReUse of Lead-Contaminated Soils. Variance Number V09HQSCD006.
- California Department of Transportation. (2003a). Caltrans storm water monitoring & data management. Discharge characterization study report, CTSW-RT-03-065.51.42.
- California Department of Transportation. (2003b). *Caltrans statewide storm water management plan.* CTSW-Rt-02-008.
- California Department of Transportation. (2004). *BMP retrofit pilot program, final report.* CTSW-RT-01-0150.
- California Department of Transportation. (2005). *Toxicity of storm water from Caltrans facilities*: John Muir Institute of the Environment–University of California, Davis
- California Department of Transportation. (2006). *Caltrans storm water management program annual repor*t: Fiscal Year 2004-2005, Addendum (February 6, 2007), CTSW-RT-06-132-16.1.
- California Department of Transportation. (2007a). *Caltrans non-stormwater repor*t supplement to: fiscal year 2005-2006 Annual Report, CTSW-RT-07-182-24-1.
- California Department of Transportation. (2007b). *Caltrans storm water quality handbook maintenance staff guide*, CTSW-RT-02-057.
- California Department of Transportation. (2007c). Caltrans storm water quality handbooks: project planning and design guide, CTSW-RT-07-172.19.1.
- California Department of Transportation. (2007d). Statewide storm water management plan (SWMP), CTSW-RT-07-182-1.1.
- California Department of Transportation. (2010). *Caltrans storm water management program annual report (*FY 2008-2009), 5-11 and 5-28. Retrieved on January 5, 2011 from http://www.dot.ca.gov/hq/env/stormwater/annual_report/curent_ar.pdf
- California Department of Transportation. (2009). Caltrans fish passage design for road crossings: Chapter 3 design elements. Retrieved on April 15, 2009, from http://www.dot.ca.gov/hq/oppd/fishPassage/index.htm
- California Department of Transportation. (2010a). *Caltrans year-end performance report (July 1, 2008- June 30, 2009): A summary of construction compliance reviews*, CTSW-RT-10-222-04.1

2012-XXX-DWQ 2 April 27, 2012

- California Department of Transportation. (2010b). *Caltrans April 2010 annual report. fiscal year 2008-2009*, CTSW-RT-10-182.32.1
- California Endangered Species Act. (1984). Fish and Game Code, Sections 2050 to 2069. Retrieved on January 5, 2011 from http://www.leginfo.ca.gov/cgi-bin/displaycode?section=fgc&group=02001-03000&file=2050-2069
- California State Water Resources Control Board (SWRCB). (1968). Resolution no. 68-16 regarding Federal antidegradation policy.
- California State Water Resources Control Board (SWRCB). (2012). Resolution no. 2012-0012 approving exceptions to the Californian Ocean Plan for selected discharges into areas of Special Biological Significance, including special protections for beneficial uses, and certifying a program environmental impact report.
- California State Water Resources Control Board. (1994). *Urban runoff technical advisory committee report and recommendation*: Nonpoint source management program.
- California State Water Resources Control Board (SWRCB). (1997). Statewide industrial general permit: Water quality order no. 97-03-DWQ.
- California State Water Resources Control Board. (2000a). *Memo to executive officer of standard urban storm water mitigation plans, Order WQ 2000-11: SUSMP.*Retrieved January 5, 2011 from http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/susmp/susmps_memo_122600.pdf
- California State Water Resources Control Board. (2000b). Petition from cities of Bellflower, et al.: review of action of the regional board and actions and failures to act by both the LARWQCB and its Executive Officer pursuant to Oder No. 96-054. Retrieved on January 5, 2011 from http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2000/wq2000_11.pdf
- California State Water Resources Control Board (SWRCB). (2005a). California Ocean Plan, Water Quality Control Plan, Resolution No. 2005-0013. Implementation provisions for Areas of Special Biological Significance (ASBS), 20-21.
- California State Water Resources Control Board (SWRCB). (2005b). NPDES stormwater cost survey: California State University, Sacramento Office of Water Programs.

2012-XXX-DWQ 3 April 27, 2012

- California State Water Resources Control Board. (2006). Storm Water Panel recommendations to the California State Water Resources Control Board: Feasibility of numeric effluent limits applicable to discharges of storm water associated with municipal, industrial and construction activities.
- California State Water Resources Control Board and The Water Board Academy. (2007). A review of low impact development policies: Removing institutional barriers to adoption: Low Impact Development Center.
- California State Water Resources Control Board. (2009). Statewide Construction General Permit, Order No. 2009-09-DWQ.
- California State Water Resources Control Board. (2010). Surface water ambient monitoring program website: SWAMP Comparability. Retrieved on January 5, 2011 from http://swamp.mpsl.mlml.calstate.edu/swamp-comparability
- California Stormwater Quality Association (CASQA). (2007). *Municipal Stormwater Program Effectiveness Assessment Guidance*. Retrieved on August 13, 2010 from https://www.casqa.org/store/products/tabid/154/p-7-effectiveness-assessment-guide.aspx
- California Stormwater Quality Association (CASQA). (2009). Stormwater best management practice handbook: Portal—Construction (Paving and Grinding Operations, NS-3). Retrieved on July 19, 2010 from https://www.casqa.org/Portals/0/HandbookFiles/files/NS-3.pdf
- California Travel and Tourism Commission. (2008). *California Travel Impacts by County 1992-2007*. Retrieved on July 30, 2010 from http://tourism.visitcalifornia.com/media/uploads/files/editor/Research/CAImp08pfina 1%281%29.pdf
- County of Orange. (2007). Fact sheet/technical report for order no. 9-2007-001:

 Discharges of urban runoff from the municipal separate sewer systems, 11.

 Retrieved on July 27, 2007

 http://www.waterboards.ca.gov/sandiego/water_issues/programs/stormwater/docs/sd_permit/r9_2007_0001/2007_0001finalfacts.pdf
- County of Sacramento. (2009). *Log Interval of Morrison Creek*. Retrieved on January 4, 2010 from http://waterdata.usgs.gov/nwis/?tab_delimited_format_info
- Devinny, J.S., Kamieniecki, S., & Stenstrom, M. (2005). Alternative approaches to stormwater quality control: University of Southern California, University of California-Los Angeles, and the Los Angeles Regional Water Quality Control Board.

2012-XXX-DWQ 4 April 27, 2012

- Dunne, T & Leopold, L.B. (1978). Water in environmental planning. San Francisco W.H. Freeman and Company.
- Federal Highway Administration (FHWA). (2001). *Stream stability at highway structures, Third Edition*. Hydraulic Engineering Circular No. 20. Publication No. FHWA NHI 01-002, 260.
- Federal Highway Administration (FHWA). (2006). Assessing stream channel stability at bridges in physiographic regions. Publication No. FHWA-HRT-05-072.
- Finkenbine, J.K., Atwater, D.S., & Mavinic, D.S. (2000). Stream health after urbanization. *Journal of the American Water Resources Association*, 36,1149-60.
- Finlayson, D.P. & Montgomery, D.R. (2003). Modeling Large-Scale Fluvial Erosion in Geographic Information Systems. *Geomorphology*, 53, 47-164.
- Goldman S., Jackson, J.K., & Bursztynsky, T.A. (1986). *Erosion and Sediment Control Handbook*. McGraw Hill. San Francisco, CA.
- Haile, R.W., Alamillo, J., Barret, K., Cressey, R., Dermond, J., Glasser, A., et al. (1996). An Epidemiological Study of Possible Adverse Health Effects of Swimming in Santa Monica Bay: Final Report 7 May 96. Santa Monica Bay Restoration Project, Monterey Park, CA.
- Haile, R.W. (1999). The Health effects of swimming in ocean water contaminated by storm drain runoff. Epidemiology, *10*(4), 353-363.
- Hammer, T.R. (1973). Effects of urbanization on stream channels and stream flow. *Regional Science Research Institute*, Philadelphia, PA.
- Hollis, G.E. (1975). *The effect of urbanization on floods of different recurrence* interval. Water Resources Research, 431-435.
- Klein, Richard D. (1979). *Urbanization and stream quality impairment*. Paper No. 78091, Water Resources Bulletin 15 (4), 948-963.
- Lahontan Region Water Quality Control Plan (Basin Plan). (2005). *Narrative and Numerical Objectives*, 3-13.
- Lin, S. (2005). Here's what ocean germs cost you: A UC Irvine study tallies the cost of treatment and lost wages for beachgoers who get sick. Stomach ailment? That'll be \$36.58. Los Angeles Times. Retrieved on February 3, 2010 from http://articles.latimes.com/2005/may/03/local/me-beaches3
- Los Angeles Regional Water Quality Control Board (LARWQCB). (2004). *Alternative Approaches to Stormwater Control.*

2012-XXX-DWQ 5 April 27, 2012

- MacRae, C.R. (1996). Experience From Morphological Research on Canadian Streams: Is control of the two-year frequency runoff event the best basis for stream channel protection? *Effects of Watershed Development and Aquatic Management on Aquatic Ecosystems*, Larry A. Roesner, ed. New York: ASCE, 144-162.
- May, C.W. (1998). Cumulative Effects of Urbanization on Small Streams in the Puget Sound Lowland Eco Region. Conference proceedings from Puget Sound Research '98 held March 12-13, 1998 in Seattle, WA.
- Metz, V. (2009). California Coastal Commission. E-mail communication, Draft conditional language for use of biodegradable netting on fiber rolls in Coastal Development Permits.
- Natural Resources Defense Council (NRDC). (1999). Stormwater Strategies, Community Response to Runoff Pollution. Retrieved on April 23, 2010 from http://www.nrdc.org/water/pollution/storm/stoinx.asp
- National Marine Fisheries Service (NMFS). (2001). Guidelines for Salmonid Passage at Stream Crossings. Retrieved on December 27, 2010 from http://swr.nmfs.noaa.gov/hcd/NMFSSCG.PDF
- Pizzuto, J.E., Hession, W.S., & McBride, M. (2000). Comparing gravel-bed rivers in paired urban and rural catchments of southeastern Pennsylvania. *Geology*, 28, 79-82.
- Rosgen. D.L. (1996). *Applied River Morphology* Pagosa Springs: Wildland Hydrology, p.2-2.
- Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP). (2002). Hydromodification Management Plan Literature Review. Retrieved on November 16, 2010 from http://www.scvurppp-w2k.com/pdfs/0102/C3f_HMP_lit_review.pdf
- Schueler, T. R., & Holland, H. K. (Eds.). (2000). The practice of watershed protection: The importance of imperviousness. *Center for Watershed Protection*, 1, 7-18.
- Schumm, S. A., Harvey, M.D., & Watson, C.C. (1984). *Incised Channels: Morphology, Dynamics and Control.* Water Resources Publications, LLC. Littleton, Colorado.
- Simon, A., Doyle M., Kondolf, M., Shields Jr., F.D., Rhoads, B., & McPhillips, M. (2007). Critical evaluation of how the rosgen classification and associated 'natural channel design' methods fail to integrate and quantify fluvial processes and channel response, *Journal of the American Water Resources Association*, 43 (5).

2012-XXX-DWQ 6 April 27, 2012

- Stein, E.D. & Zalenski, S. (2005). Managing runoff to protect natural streams: The latest developments on investigation and management of hydromodification (Technical Report 475). Southern California Coastal Water Research Project.
- Stuart, J., Watson, M. L., Eustice, C. (2001). Plastic netting: an entanglement hazards to snakes and other wildlife. *Herpetilogical Review*, 32(3),162-164.
- Trimble, S.W. (1997). Contribution of stream channel erosion to sediment yield from an urbanizing watershed. *Science*, *278*(21), 1442-1444.
- U.S. Environmental Protection Agency (USEPA). (1987). Clean Water Act, Section 402 (p): National Pollutant Discharge Elimination System. http://www.epa.gov/wetlands/laws/section402.html.
- U.S. Environmental Protection Agency (USEPA). (1999a). Cost Benefit Analysis. Federal Register/Vol. 64, No. 235/ Wednesday, December 8, 1999/Rules and Regulations, Section 68791.
- U.S. Environmental Protection Agency (USEPA). (1999b). *Phase II Final Rule, Who's Covered? Designation and Waivers of Regulated Small MS4s.* Retrieved on April 3, 2010 from http://www.epa.gov/npdes/pubs/fact2-1.pdf.
- U.S. Environmental Protection Agency (USEPA). (2000a). Storm Water Phase II Compliance Assistance Guide: EPA 833-R-00-002, Revised December 2005.
- U.S. Environmental Protection Agency (USEPA). (2000b). Water Quality Standards; Establishments of Numerical Criteria for Priority Toxic Pollutants for the State of California; Rule. California Toxics Rule. Federal Register, 40 CFR Part 131, 65 (97).
- U.S. Environmental Protection Agency (USEPA). (2005). Stormwater phase II final rule public education and outreach minimum control measure: EPA 833-F00-005. Fact Sheet 2.3. Retrieved on May 19, 2010 from http://www.epa.gov/npdes/pubs/fact2-3.pdf
- U.S. Environmental Protection Agency (USEPA). (2007). Reducing Stormwater Costs through Low Impact Development (LID) Strategies and Practices. EPA 841-F-07-006. Retrieved on August 2, 2010 from www.epa.gov/nps/lid.
- United States Geological Survey (USGS). (2009). *USGS Surface-Water for the Nation. National Water Information System: Webinterface*. Retrieved on June 1, 2010 from http://waterdata.usgs.gov/nwis/sw.
- Van Hattem, M. (2009). E-mail communication from Michael Van Hattem of California Department of Fish and Game to Mona Doughtery of the North Coast Regional Water Board. General conditions for all encroachments.

2012-XXX-DWQ 7 April 27, 2012

- Walley, H.R., King, R.B., Jay, J.M. & Robinson, J. (2005). Erosion mesh netting: a major threat hazard to snakes. *Bulletin of Maryland Herpetological Society 41*, 36-38.
- Washington State Department of Ecology. (2000). Stormwater management manual for western Washington (final draft), Publication 99-11, 1 and 3.
- Watson, C. C., Biedenharn, D.S., & Bledsoe, B.P. (2002). Use of incised channel evolution models in understanding rehabilitation alternatives, *Journal of the American Water Resources Association*. 38 (1).
- Wolman as cited in Paul, M.P. & Meyer, J.L. (2001). Streams in the urban landscape. Annual Review of Ecology Systematics (November 2001), 32, 333-365. (1967)