

CHAPTER 16

REFERENCES



CHAPTER 16 REFERENCES

TABLE OF CONTENTS

1.1	HYDROLOGIC ANALYSIS	102
1.2	HYDRAULIC ANALYSIS	103
1.3	HYDRAULIC DESIGN	104
1.4	FLOODPLAIN MANAGEMENT AND ADMINISTRATION	106
1.5	WATER QUALITY	107
1.6	STORM SEWER SYSTEMS	107
1.7	FLOOD DOCUMENTATION INFORMATION	107
1.8	ALLUVIAL FANS	109
1.9	ICE JAMS	109
1.10	DRAINAGEWAY BUFFER ZONES AND SETBACK LIMITS	110
1.11	TWO-DIMENSIONAL MODELING	110
1.12	DETENTION BASINS	111
1.13	STORM DRAINAGE WATER QUALITY	111



CHAPTER 16 REFERENCES

1.1 HYDROLOGIC ANALYSIS

CHOW, 1964 - Chow, V. T., <u>Handbook of Applied Hydrology</u>, McGraw-Hill Book Company, 1964.

FAA, 1970 - <u>Airport Drainage</u>, Advisory Circular 150/5320-5B, U. S. Department of Transportation, Federal Aviation Administration, Washington, D.C., 1970.

HMR 49, 1977 - Hansen E.M., Schwarz F.K., and Riedal J.T., <u>Probable Maximum Precipitation Estimates</u>, Colorado River and Great Basin Drainages, Hydrometeorological Report m. 49, U.S. Department of Commerce, September 1977.

HOGGAN, 1989 - Hoggan, D.H., <u>Computer Assisted Floodplain Hydrology and Hydraulics</u>, McGraw-Hill Book Company, 1989.

IAC, 1982 - <u>Guidelines for Determining Flood Flow Frequency - Bulletin # 17B</u>, Interagency Advisory Committee on Water Data, U. S. Department of the Interior, Geological Survey, March, 1982.

LADPW, 1989 - <u>Hydrology Manual</u>, Los Angeles County Department of Public Works, Alhambra, California, December 1971, revised March 1989.

LINSLEY, 1975 - <u>Hydrology for Engineers</u>, 2nd Edition, Linsley, Kohler, and Paulhus, McGraw-Hill Company, New York, 1975.

NOAA, 1984 - U.S. Department of Commerce, National Oceanic and Atmospheric Administration, <u>Depth-Area Ratios in the Semi-Arid Southwest United States</u>, NOAA Technical Memorandum NWS Hydro-40, August 1984.

NOAA, 1973 - U.S. Department of Commerce, National Oceanic and Atmospheric Administration, <u>Precipitation-Frequency Atlas of the Western United States</u>, Volume III – Colorado, 1973

SCS, 1983 – TR-20 Computer Program for Project Formulation Hydrology, U. S. Department of Agriculture, Soil Conservation Service, Washington, D.C., May 1983.

SCS, 1985 - National Engineering Handbook, Section 4, Hydrology, U.S. Department of Agriculture, Soil Conservation Service, Washington, D.C., March 1985.

UDFCD, 2001 - Urban Drainage and Flood Control District, <u>Colorado Urban</u> Hydrograph Procedure Computer Program, User Manual, February 2001.

UDFCD, 2001 - Urban Drainage and Flood Control District, <u>Urban Drainage Storm Water Management Model (UDSWM)</u>, <u>Users Manual</u>, February 2001.



USACE, 1998 – U.S. Army Corps of Engineers, Hydrologic Engineering Center, <u>HEC-1</u>, Flood Hydrograph Package, User's Manual, June 1998.

USACE, 1979 - U.S. Army Corps of Engineers, "Introduction and Application of Kinematic Wave Routing Techniques Using HEC-1, Training Document m. 10", Davis, California, May 1979.

USBR, 1989 - Flood Hydrology Manual, U. S. Department of the Interior, Bureau of Reclamation, Washington, D.C., 1989.

WRC Engineering, Inc., 1990 - Clark County Regional Flood Control District, Hydrologic Criteria and Drainage Design Manual, Las Vegas, Nevada, 1990.

1.2 HYDRAULIC ANALYSIS

ASCE, 1975 - American Society of Civil Engineers, <u>Sedimentation Engineering</u>, Manuals and Reports on Engineering Practice m. 54, ASCE, New York, 1975.

BRATER, 1976 - Brater and King, <u>Handbook of Hydraulics</u>, McGraw Hill Book Company, 1976.

BRUTHURST, 1979 - J.C. Bruthurst, R.M. Li, and D.B. Simons, "Hydraulics of Mountain Rivers", Civil Engineering Department, Colorado State University, CER78-78JCB-RML-DBS55, 1979.

CEDEGREN, 1967 - H.R. Cedegrin, <u>Seepage Drainage and Flow Nets</u>, John Wiley and Sons, Inc., New York, 1967.

CHOW, 1959 - Chow, V. T., Open Channel Hydraulics, McGraw-Hill Book Company, 1959.

COOKE, 1973 - Cooke, R. U. and Warren, A., <u>Geomorphology in Deserts</u>, University of California Press, Berkeley and Los Angeles, California, 1973.

FEMA, 1990 - Federal Emergency Management Agency, <u>FAN, An Alluvial Fan Flooding Computer Program & User's Manual</u>, September 1990.

FRENCH, 1985 - French, R. H., <u>Open-Channel Hydraulics</u>, McGraw-Hill Book Company, New York, 1985.

GOLDMAN, 1986 - S. J. Goldman, K. Jackson, and T. A. Bursztyusky, <u>Erosion and Sediment Control Handbook</u>, McGraw Hill, 1986.

HOGGAN, 1989 - Hoggan, D.H., <u>Computer Assisted Floodplain Hydrology and</u> Hydraulics, McGraw-Hill Book Company, 1989.

LANE, 1935 - E.W. Lane, <u>Security from Under Seepage</u>, Transactions ASCE, Vol. 100, 1935.

LINSLEY, 1964 - Linsley, R. K., and Franzini, J. B., <u>Water Resources Engineering</u>, McGraw-Hill Book Company, USA, 1964.



ROSGEN, 1996 – Dave Rosgen, illustrated by Hilton Lee Silvey, <u>Applied River Morphology</u>, 1996.

SIMONS, 1982 - Simons, Li and Associates, <u>Engineering Analysis of Fluvial Systems</u>, 1982.

TAYLOR, 1967 - D.W. Taylor, <u>Fundamentals of Soil Mechanics</u>, John Wiley and Sons, 1967.

USACE, 1990B - HEC-2, Water Surface Profiles, Davis, California, September 1990.

USACE, 1990 – <u>Settlement Analysis</u>, EM 1110-1-1902, U. S. Army Corps of Engineers, September 1990.

USACE, 1993 – <u>River Hydraulics</u>, EM 1110-2-1416, U. S. Army Corps of Engineers, October 1993.

USDA, 1976 - <u>Sedimentation Deposition in U. S. Reservoirs, Summary of Data</u> Reported through 1975, U. S. Department of Agriculture, Washington, D.C., 1976.

USDOT, 1978 - <u>Hydraulics of Bridge Waterways</u>, Hydraulic Design Series m. 1, U. S. Department of Transportation, Federal Highway Administration, Washington, D.C., March, 1978.

USDOT, 1991A - <u>Stream Stability at Highway Structures</u>, Hydraulic Engineering Circular m. 20, U.S. Department of Transportation, Federal Highway Administration, McLean, Virginia, February, 1991.

USDOT, 1991B - <u>Evaluating Scour at Bridges</u>, Hydraulic Engineering Circular m. 18, U.S. Department of Transportation, Federal Highway Administration, McLean, Virginia, February, 1991.

1.3 HYDRAULIC DESIGN

AISI, 1971 - <u>Handbook of Steel Drainage and Highway Construction Products</u>, American Iron and Steel Institute, Washington, D.C., 1971.

ANDERSON, 1968 - Anderson, A.G., Paintal, A.S., and Davenport, J.T., <u>Tentative Design Procedure for Riprap Lined Channels</u>, University of Minnesota, St. Anthony Falls Hydraulics Laboratory, Project Design Report m. 96, 1968.

FORTIER, 1926 - S. Fortier and F. C. Scobey, <u>Permissible Canal Velocities</u>, Transactions - American Society of Civil Engineers, Volume 89, pp 940-956, 1926.

LACFCD, 1982 - <u>Design Manual, Hydraulic</u>, Los Angeles County Flood Control District, March 1982.

McLAUGHLIN WATER ENGINEERS, LTD., <u>Evaluation of and Design</u>
<u>Recommendations for Drop Structures in the Denver Metropolitan Area, December 1986.</u>



PETERKA, 1978 - A. J. Peterka, <u>Hydraulic Design of Stilling Basins and Energy Dissipators</u>, EM m. 25, U. S. Department of the Interior, Bureau of Reclamation, Denver. Colorado. 1978.

SIMONS, 1981 - <u>Design Guidelines and Criteria for Channels and Hydraulic</u>
<u>Structures on Sandy Soils</u>, Simons, Li, and Associates, prepared for Urban Drainage and Flood Control District and City of Aurora, Colorado, June 1981.

SIMONS, 1989 - Simons, Li and Associates, <u>Surface Mining Water Diversion Design Manual</u>, (September 1982), U.S. Department of Interior, Office of Surface Mining Reclamation and Enforcement, 1989.

SMITH, 1965 - Smith, C.D., and Murray, D.G., <u>Cobble Lined Drop Structures</u>, 2nd Canadian Hydro-Technical Conference, Burlington, Ontario, 1965.

STEVENS, 1981 - Stevens, Michael, A., <u>Hydraulic Design Criteria for Riprap Chutes and Vertical Drop Structures</u>, prepared for Urban Drainage and Flood Control District, 1981.

UD&FCD, 1990 - <u>Grouted Riprap and Boulder Installations</u>, Supplement to Urban Storm Drainage Criteria Manual, Denver Urban Drainage and Flood Control District, 1982.

USACE, 1986 – <u>Earth and Rock-Fill Dams – General Design and Construction</u> Considerations, EM 1110-2-2300, U. S. Army Corps of Engineers, September 1986.

USACE, 1989 – Retaining and Flood Walls, EM 1110-2-2502, U. S. Army Corps of Engineers, Sept, 1989.

USACE, 1991 - <u>Hydraulic Design of Flood Control Channels</u>, EM 1110-2-1601, U. S. Army Corps of Engineers, July 1991.

USACE, 1990 - <u>Hydraulic Design of Spillways</u>, EM 1110-2-1603, U. S. Army Corps of Engineers, January 1990.

USACE, 2001- <u>Design and Construction of Levees</u>, EM 1110-2-1913, U. S. Army Corps of Engineers, April 2001.

USBR, 1967 - <u>Canals and Related Structures</u>, Design Standards m. 3, U. S. Department of the Interior, Bureau of Reclamation, Denver, Colorado, 1967.

USBR, 1974 - <u>Design of Small Canal Structures</u>, U. S. Department of the Interior, Bureau of Reclamation, Denver, Colorado, 1974.

USBR, 1987 - <u>Design of Small Dams</u>, U. S. Department of the Interior, Bureau of Reclamation, Washington, D.C., 1987.

USDCM, 1969 - <u>Urban Storm Drainage Criteria Manual</u>, Denver Regional Council of Governments, Denver, Colorado, March 1969 (with current revisions).

USDOT, 1971 - <u>Debris Control Structures</u>, EPD-86-106, HEC-9, U. S. Department of Transportation, Federal Highway Administration, Washington, D.C., 1971.



USDOT, 1965 – <u>Hydraulic Charts for the Selection of Highway Culverts</u>, Hydraulic Engineering Circular No. 5, U.S. Department of Transportation, Federal Highway Administration. December 1965.

USDOT, 1972 – <u>Capacity Charts for the Hydraulic Design of Highway Culverts</u>, Hydraulic Engineering Circular No. 10, U.S. Department of Transportation, Federal Highway Administration, November 1972.

USDOT, 1972 – <u>Hydraulic Design of Improved Inlets for Culverts</u>, Hydraulic Engineering Circular No. 13, U.S. Department of Transportation, Federal Highway Administration, 1972.

USDOT, 1983 - <u>Hydraulic Design of Energy Dissipators for Culverts and Channels</u>, Hydraulic Engineering Circular m. 14, U.S. Department of Transportation, Federal Highway Administration, Washington, D.C., September 1983.

USDOT, 1985 - <u>Hydraulic Design of Highway Culverts</u>, Hydraulic Design Series m. 5, U. S. Department of Transportation, Federal Highway Administration, McLean, Virginia, September 1985.

USDOT, 1989 - <u>Design of Riprap Revetment</u>, Hydraulic Engineering Circular m. 11, U.S. Department of Transportation, Federal Highway Administration, McLean, Virginia, March 1989.

WRC Engineering, Inc., 1990 - Clark County Regional Flood Control District, Hydrologic Criteria and Drainage Design Manual, Las Vegas, Nevada, 1990.

1.4 FLOODPLAIN MANAGEMENT AND ADMINISTRATION

FEMA, 1999 - Federal Emergency Management Agency, NFIP Regulations, Title 44, Chapter 1, Part 65, <u>Identification and Mapping of Special Hazard Areas</u>, revised October 1999.

FEMA, 1993 - Federal Emergency Management Agency, <u>Flood Insurance Study Guidelines and Specifications for Study Contractors</u>, March 1993.

FEMA, 2000 - Federal Emergency Management Agency, <u>Guidelines for Determining</u> <u>Flood Hazards on Alluvial Fans</u>, February 23, 2000

FEMA - Federal Emergency Management Agency, <u>Appeals, Revisions and</u> Amendments to Flood Insurance Maps, A guidebook for Local Officials (FIA-12)

FEMA, 1999 - Federal Emergency Management Agency, NFIP Regulations, Title 44, Chapter 1, Parts 60, 65, 70, and 72, revised October 1999.

FEMA, 1993 - Federal Emergency Management Agency, <u>Openings in Foundation</u> Walls for Buildings Located in Special Flood Hazard Areas in Accordance with the <u>National Flood Insurance Program</u>, Technical Bulletin 1-93, 1993.

FEMA, 1993 - Federal Emergency Management Agency, <u>Flood-Resistant Materials</u> Requirements for Buildings Located in Special Flood Hazard Areas in Accordance with the National Flood Insurance Program, Technical Bulletin 2-93, 1993.



FEMA, 1993 - Federal Emergency Management Agency, Non-Residential Floodproofing – Requirements and Certification for Buildings Located in Special Flood Hazard Areas in Accordance with the National Flood Insurance Program, Technical Bulletin 3-93, 1993.

FEMA, 1993 - Federal Emergency Management Agency, <u>Elevator Installation for Buildings Located in Special Flood Hazard Areas in Accordance with the National Flood Insurance Program</u>, Technical Bulletin 4-93, 1993.

FEMA, 1993 - Federal Emergency Management Agency, <u>Below-Grade Parking</u> Requirements for Buildings Located in Special Flood Hazard Areas in Accordance with the National Flood Insurance Program, Technical Bulletin 6-93, 1993.

FEMA, 1993 - Federal Emergency Management Agency, <u>Wet Floodproofing</u> requirements for Buildings Located in Special Flood Hazard Areas in Accordance with the National Flood Insurance Program, Technical Bulletin 7-93, 1993.

1.5 WATER QUALITY

USEPA, 1976 - U.S. Environmental Protection Agency, <u>Erosion and Sediment Control, Surface Mining in the Eastern U.S.</u>, EPA-625/3-76-006, Washington, D.C., 1976.

UDFCD, <u>Urban Storm Drainage Criteria Manual</u>, Denver, Colorado, March 1969 (with current revisions).

WASHOE County Department of Public Works, <u>Construction Activities/Best Management Practice Handbook</u>, June 1994.

1.6 STORM SEWER SYSTEMS

HOPKINS, 1956 - <u>The Design of Storm-Water Inlets</u>, John Hopkins University, Department of Sanitary Engineering and Water Resources, Baltimore, Maryland, June 1956.

IZZARD, 1977 - Izzard, Carl F., <u>Hydraulic Capacity of Curb Opening Inlets</u>, Flood Hazard News, UD&FCD, Denver, Colorado, June 1977.

1.7 FLOOD DOCUMENTATION INFORMATION

<u>Buffalo Creek Flash Flood Event</u>. Colorado Water Conservation Board: 9 Jun 2004. http://www.cwcb.state.co.us/flood_watch/buffalo.html>

Colorado Water Conservation Board and Department of Natural Resources, 2004: <u>Flood Hazard Mitigation Plan for Colorado</u>. Prepared Pursuant to Disaster Mitigation Act 2000 & Section 409, PL 93-288, pp. 4-10.

Engineering Consultants, Inc., 1976: <u>Floodplain Information Report Gunnison River/Tomichi Creek Gunnison, Colorado</u>. Prepared for City of Gunnison, Gunnison County, and Colorado Water Conservation Board, Denver, CO, 32 pp.

FEMA. <u>Flood Insurance Study, City of Gunnison, Colorado,</u> 1982 Federal Emergency Management Agency.



Lincoln DeVore, 1978: "Geological Hazards of the Glenwood Springs Metropolitan Area – Garfield County, Colorado." Prepared for The Colorado Geological Survey, Denver, CO, 22 pp.

McCain, Jerald F., Hoxit, Lee R., Shroba, Ralph R., and others, 1979: "Storm and Flood of July 31 – August 1, 1976, in the Big Thompson River and Cache la Poudre River Basins, Larimer and Weld Counties, Colorado." Geological Survey Professional Paper 1115, U.S. Geological Survey and the National Oceanic and Atmospheric Administration with Colorado Geological Survey, Washington, DC, 152 pp.

McKee, Thomas B. and Nolan J. Doesken, 1998: "Colorado Extreme Storm Precipitation Data Study – Summary of Accomplishments and Work Performed February 15, 1995 through October 31, 1996." Climatology Report #97-1, Department of Atmospheric Science, Colorado State University, Fort Collins, CO, 33 pp.

McLaughlin Water Engineers. 1998. "Statewide River Rehabilitation & Floodplain Management Needs Inventory." Colorado Water Conservation Board and Department of Natural Resources, Denver, CO, Section II.

Mondout, Patrick. "Natural Disasters of the Awesome80s." 8 Jun. 2004. http://www.awesome80s.com/Awesome80s/Tech/Nature/Disasters/.

Riverside Technology, Inc. August 1998: "Colorado's 1997 Flood Season in Review." Colorado Water Conservation Board, Denver, CO, Sections 4.6, 4.8, and 4.9.

Simons, Li & Associates, Inc. October 25, 1982: "Final Report: Debris and Flood Control Plan for Portland and Cascade Creeks at Ouray, Colorado." Colorado Water Conservation Board, Denver, CO, Sections 3 and 4.

Simons, Li & Associates, Inc. February 1990: "(Draft) Flood Insurance Study Town of Telluride, San Miguel County, Colorado." Federal Emergency Management Agency, Denver, CO, 12 pp.

Tomlinson, Edward M., Henz, John F., and Williams, Ross A.. 2003: "Technical Review for the Probable Maximum Precipitation (PMP) Site-Specific Study for Cherry Creek Reservoir, Final Report." Department of Natural Resources, Colorado Water Conservation Board, Denver, CO, 131 pp.

United States Army Engineer District. 1967: "Report on the Floods of June 1965 South Platte River Basin, Colorado and Nebraska." Omaha Corps of Engineers, Omaha, NE.

United States Department of the Interior: 1965. "Floods of June 1965 In Arkansas River Basin Colorado, Kansas, and New Mexico, Preliminary Report of Peak Discharge." U.S. Geological Survey, Denver, CO.

<u>U.S. Global Change Research Program</u>. Ed. Peter Schweitzer and Randy Schumann. 02 Jun. 2003. U.S. Geological Survey.



<URL:http://geochange.er.usgs.gov/sw/>.

<u>Water Resource Information Center</u>. 2004. Colorado Water Conservation Board. 9 Jun. 2004. http://cwcb.viis.state.co.us/cwcbimaging.htm.

The Weather and Climate Impact Assessment Science Initiative. Flood Summaries. National Center for Atmospheric Research (NCAR) and University Corporation for Atmospheric Research (UCAR). 8 Jun. 2004 http://www.assessment.ucar.edu/flood/flood summaries.html>.

Water Resource Information Center. 2004. Colorado Water Conservation Board. 9 Jun. 2004. http://cwcb.viis.state.co.us/cwcbimaging.htm

1.8 ALLUVIAL FANS

FEMA, 2003, Guidelines & Specifications for Flood Hazard Mapping Partners, Appendix G: Guidance for Alluvial Fan Flooding Analyses and Mapping

FEMA, 1990, FAN: An Alluvial Fan Flooding Computer Program User's Manual and Program Disk

U.S. Department of the Army, Corps of Engineers, Guidelines for Risk and Uncertainty Analysis in Water Resources Planning, Report 92-R-1, Fort Belvoir, Virginia, 1992

1.9 ICE JAMS

US Army Corp of Engineers

http://www.usace.army.mil/publications/eng-manuals/em.htm

EM 1110-2-1612, Engineering and Design - Ice Engineering, USACE, 30 October 2002

Cold Regions Research and Engineering Laboratory - USACE Engineer Research and Development Center

http://www.crrel.usace.army.mil/products/products.html

http://www.crrel.usace.army.mil/techpub/CRREL Reports/html files/Cat D.html

Nonstructural Ice Control, Special Report 98-14, Robert B. Haehnel, CRREL, December 1998

Structural Ice Control – Review of Existing Methods, Special Report 95-18, Andrew M. Tuthill, CRREL, July 1995

New Brunswick River Ice Manual - Chapter 6 and References http://www.gnb.ca/0009/0369/0004/0004-e.html

River Ice Engineering at the University of Alberta http://www.riverice.ualberta.ca/INDEX.HTM

CHAPTER 16REFERENCES

Stormwater Management Planning and Design Manual 2003, 4.3 Design Modifications for Cold Climates, (http://www.ene.gov.on.ca/gp/4329eindex.htm) Location: Ministry Home (http://www.ene.gov.on.ca/index.htm)
Publications (http://www.ene.gov.on.ca/envision/index_publ.htm)



Forms, Manuals and Guidelines

(http://www.ene.gov.on.ca/envision/techdocs/index.htm)

Modeling River Ice with HEC-RAS, Steven Daly, Carrie Vuyovich, ERDC/CRREL, June 2003

Managing Floodplain Development: Additional Planning Considerations, National Flood Insurance Program Training Document

Ice Jams: Field and Experimental Investigation, Jueyi Sui, Bryan Karney, & Zhaochu Sun, August 2002

Comparison of ICEJAM and RIVJAM Ice Jam Profile Models, D. Healy & F. Hicks, Journal of Cold Regions Engineering, December 1999

1.10 DRAINAGEWAY BUFFER ZONES AND SETBACK LIMITS

Ayres Associates and SEC Olsson Associates, City of Colorado Springs and El Paso County, <u>Prudent Line Addendum for Unincorporated El Paso County Only, Drainage Criteria Manual</u>. June 21, 2001.

BRW, Inc., <u>Roaring Fork and Fryingpan Rivers Multi-Objective Planning Project</u>. June 1999.

GRIMM, Mike. "Applied Geomorphology and Floodplain Management." <u>Flood Control</u>, March/April 1996.

HEEDE, Burchard. "Designing for Dynamic Equilibrium in Streams." <u>Water Resources Bulletin</u>, American Water Resources Association. Vol. 22, No. 3, June 1986.

LAGASSE, Peter and Peterson, Mark. Erosion Risk Analysis for a Southwestern Arroyo. November 1998.

MUSSETTER, R.A. and Harvey, M.D., <u>Maintaining Natural Conditions in Urban Arroyos: Is it Possible?</u> ASCE Conference Proceedings, World Water Conference, 2004

Northwest Colorado Council of Governments, Water Quality Protection Standards.

1.11 TWO-DIMENSIONAL MODELING

O'BRIEN, 2006 – O'Brien, J.S., <u>FLO-2D Users Manual</u>, January 2006. <u>http://www.flo-2d.com/v2006/Documentation/Manual Main 2006.pdf</u>

USACE, 1993 - <u>Engineering and Design - River Hydraulics</u>, EM 1110-2-1416, US Army Corps of Engineers, October 1993. http://www.usace.army.mil/publications/eng-manuals/em1110-2-1416/toc.htm



USACE, 2006 – <u>User's Guide to RMA2 WES Version 4.5</u>, US Army, Engineer Research and Development Center, Waterways Experiment Station, Coastal and Hydraulics Laboratory, January 2006.

http://chl.erdc.usace.army.mil/Media/3/2/7/RMA2_v45_Users_Guide_01-20-2006.pdf

USDOT, 2002 – <u>User's Manual for FESWMS Flo2DH, Two-dimensional Depthaveraged Flow and Sediment Transport Model, Release 3</u>, U.S. Department of Transportation, Federal Highway Administration, September 2002. http://www.cflhd.gov/design/hyd/flo2dh_manual3.pdf

1.12 DETENTION BASINS

FARAHMANDI, Saeed. City and County of Denver, Department of Public Works, Engineering Division. 2006. <u>Storm Drainage Design and Technical Criteria Manual</u>. City and County of Denver, Colorado.

Northwest Colorado Council of Governments, Water Quality Protection Standards.

1.13 STORM DRAINAGE WATER QUALITY

American Society of Civil Engineers and Water Environment Federation (ASCE and WEF). 1992. <u>Design and Construction of Urban Stormwater Management Systems</u>. <u>ASCE Manual and Reports of Engineering Practice No. 77</u> and <u>WEF Manual of Practice FD-20</u>. New York, NY: ASCE and Alexandria, VA: WEF.

City and County of Denver, Department of Public Works, Engineering Division. 2006. <u>Storm Drainage Design and Technical Criteria Manual</u>. City and County of Denver, Colorado.

GreenCO and Wright Water Engineers. 2004. <u>Green Industry Best Management Practices for the Conservation and Protection of Water Resources in Colorado</u>. Denver, CO: GreenCO.

Low Impact Development (LID) Center. 2007. Low Impact Development website: www.lowimpactdevelopment.org/.

UDFCD. 1999. <u>Urban Storm Drainage Criteria Manual, Volume 3</u>. Denver, CO: Urban Drainage and Flood Control District. Website: <u>www.udfcd.org</u>.

Water Environment Federation and American Society of Civil Engineers. 1998. <u>Urban Runoff Quality Management. WEF Manual of Practice No. 23</u> and <u>ASCE Manual and Report on Engineering Practice No. 87</u>. Alexandria, VA: Water Environment Federation.

Wright Water Engineers, Inc., Muller Engineering, Wenk Associates, Matrix Design Group and Smith Environmental, 2004. <u>Denver Water Quality Management Plan</u>. Denver, CO: City and County of Denver Wastewater Management Division. Website: <u>www.denvergov.org/publicworks/</u>.