

APPENDICES

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Appendix I: BIBLIOGRAPHY

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- American Society of Civil Engineers, Urban Water Resources Research Council, and the Water Environment Federation. 1992. *Design and Construction of Urban Stormwater Management Systems*. ASCE Manuals and Reports of Engineering Practice No. 77 and WEF Manual of Practice FD-20. ASCE, New York, N.Y., and WEF, Alexandria, Va.
- Andersen, D. G. 1970. *Effects of Urban Development on Floods in Northern Virginia*. U.S. Geological Survey Water Supply Paper 2001-C. USGS, Washington, D.C.
- Anderson, J. L., and R. M. Gustafson. 1998. *Residential Cluster Development: Alternative Waste Water Treatment Systems*. MI-7059-5, Univ. of Minnesota Extension Service, St. Paul, Minn.
- Baker, M. B., and D. R. Carder. 1976. *An Approach for Evaluating Water Yield and Soil Loss Models*. Presented at the Earth Sciences Symposium, Fresno, Calif.
- Bannerman, Roger T., Richard Dodds, David Owens, and Peter Hughes. 1992. *Sources of Pollutants in Wisconsin Storm Water*. U.S. Environmental Protection Agency, Region 5, Chicago, Ill.
- Barfield, B. J., J. C. McBurnie, M. L. Clar, and E. Shaver. 1986. *Evaluation of Sediment Detention Pond Design Criteria and Performance*. Proceedings of the Winter Meeting, American Society of Agricultural Engineers, n.p.
- Barfield, B. J., R. C. Warner, and C. T. Haan. 1987. *Applied Hydrology and Sedimentology for Disturbed Areas*. Oklahoma Technical Press, Stillwater, Okla.
- Barrett, Michael E., Joseph F. Malina, and Randall J. Charbeneau. March 1996. *Characterization of Highway Runoff in the Austin, Texas, Area*. Center for Transportation Research, Univ. of Texas, Austin, Texas.
- Beasley, D. B., and L. F. Huggins. 1980. *ANSWERS: A Model for Watershed Planning*. Transcripts of the American Society of Agricultural Engineering, 23(4):938-944.
- Bennet, E. R., K. D. Linstedt, V. Nilsgard, G. M. Battaglia, and F. W. Pontius. January 1981. "Urban Snowmelt — Characteristics and Treatment." *Journal of the Water Pollution Control Federation*. 53 (1):119-125.
- Bentley, Cliff, Gary Parker, and David Leuthe. August 1991. *Streambank Erosion – Gaining a Greater Understanding*. Division of Waters, Minnesota Department of Natural Resources, St. Paul, Minn.

- Bicknell, Brian R., John C. Imhoff, John L. Kittle, Jr., Anthony S. Donigian, Jr., and Robert C. Johanson. September 1996. *Hydrological Simulation Program — FORTRAN: User's Manual for Release 11*. Environmental Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, Athens, Ga.
- Brach, John. October 1989. *Protecting Water Quality in Urban Areas — Best Management Practices for Minnesota*. Minnesota Pollution Control Agency, St. Paul, Minn.
- Brakenslek, D. L., and W. J. Rawls. 1983. "Green-Ampt Infiltration Model Parameters for Hydrologic Classification of Soils." In: Borrelli, John, Victor R. Hasfurther, and Robert D. Burman (ed.). *Advances in Irrigation and Drainage Surviving External Pressures*. Proceedings of the American Society of Civil Engineers, New York, N.Y., pp. 226-233.
- Brinson, Mark M. 1993. *A Hydrogeographic Classification for Wetlands*. Wetlands Research Program Technical Report WRP-DE-4. U.S. Army Corps of Engineers, Waterways Experiment Station, WESER-W, Vicksburg, Miss.
- Bross, I. D. J. 1953. *Decision for Design*. The Macmillian Co., New York.
- Brown, R. G. 1985. *Effects of Wetlands on Quality of Runoff Entering Lakes in the Twin City Metropolitan Area, Minnesota*. U.S. Geologic Survey Report 85-4170.
- Brown, W., D. Caraco, R. Claytor, P. Hinkle, H. Y. Kwon, T. Schueler, C. Swann, and J. Zielinski. August 1998. *Better Site Design: a Handbook for Changing Development Rules in Your Community*. Center for Watershed Protection, Ellicott City, Md.
- Bucks County Planning Commission. 1980. *Performance Streets: a Concept and Model Standards for Residential Streets Doylestown*. Bucks County Planning Commission, Pa.
- Burges, S. J. 1986. Trends and Directions in Hydrology. *Water Resources Research* 22(9):1S-5S.
- Carsel, R. F., C. N. Smith, L. A. Mulkey, J. D. Dean, and P. Jowise. 1984. *Users Manual for the Pesticide Root Zone Model (PRZM)*. EPA-600/3-84-109. Environmental Research Laboratory, Athens, Ga.
- Castelle, A. J., A. W. Johnson, and C. Conolly. September-October 1994. "Wetland and Stream Buffer Size Requirements — a Review." *Journal of Environmental Quality* 23(5):878-894.
- Chapman, T. G., and F. X. Dunin. 1975. *Prediction in Catchment Hydrology*. A National Symposium on Hydrology. Australian Academy of Science.
- Cherryholmes, K. L. 1981. *Environmental Factors Affecting the Decomposition and Toxicity of Hexacyanoferrate III Solutions Maintained in the Dark*. Ph.D. thesis, Univ. of Iowa, Iowa City, Iowa.

- Cherryholmes, K. L., W. J. Cornils, D. B. McDonald and R. C. Splinter. April 1993. *Biological Degradation of Complex Iron Cyanides in Natural Aquatic Systems*. American Society for Testing and Materials Aquatic Toxicology and Hazard Assessment: Seventh Symposium, Milwaukee, Wis.
- Chow, Ven Te, David R. Maidment, and Larry W. Mays. 1988. *Applied Hydrology*. McGraw-Hill, New York.
- Claytor, Richard A., and Thomas R. Schueler. 1996. *Design of Storm Water Filtering Systems*. The Center for Watershed Protection, Silver Spring, Md.
- Cowardin, Lewis M, Virginia Carter, Francis C. Golet, and Edward T. LaRoe. December 1979. *Classification of Wetlands and Deep Water Habitats of the United States*. Office of Biological Services, Fish & Wildlife Service, U.S. Department of the Interior, n.p.
- Curtis, T. G., and W. C. Huber. 1993. "SWMM AML — An ARC/INFO Processor for the Storm Water Management Model (SWMM)." *Proceedings 1993 Runoff Quantity and Quality Modeling Conference, Reno, Nev.* U.S. Environmental Protection Agency, Athens, Ga.
- Dahl, Thomas E. 1990. *Wetlands Losses in the United States: 1780s to 1980s*. Fish and Wildlife Service, U.S. Department of the Interior, Washington, D.C.
- Dean, William F. July 1987. *Storm Water Management Guide Book for Michigan Communities*. Clinton River Watershed Council, Mich.
- Dindorf, Carolyn J. 1993. *Aquascaping: A Guide to Shoreline Landscaping*. Hennepin County Conservation District, Minn.
- Donigian, A. S., Jr. and N. H. Crawford. 1979. *User's Manual for the Nonpoint Source (NPS) Model*. Environmental Research Laboratory, U.S. Environmental Protection Agency, Athens, Ga.
- Donigian, A. S., Jr. and W. C. Huber. 1991. *Modeling of Nonpoint Source Water Quality in Urban and Non-Urban Areas*. EPA/600/3-91/039, Environmental Research Laboratory, U.S. Environmental Protection Agency, Athens, Ga.
- Donigian, A. S., Jr., D. C. Beyerlein, H. H. Davis, Jr., and N. H. Crawford. 1977. *Agricultural Runoff Management (ARM) Model Version II: Refinement and Testing*. Environmental Research Laboratory, U.S. Environmental Protection Agency, Athens, Ga.
- Dunkle, Frank, Rebecca Hanmer, Robert W. Page, Wilson W. Scaling. January 1989. *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*. U.S. Environmental Protection Agency; Fish & Wildlife Service, U.S. Department of the Interior; Soil Conservation Service, U.S. Department of Agriculture; and U.S. Army Corps of Engineers, n.p.

- Duru, J. O. 1981. "On-Site Detention: A Stormwater Management or Mismanagement Technique?" *Proceedings of International Symposium on Urban Hydrology, Hydraulics, and Sediment Control*. Univ. of Kentucky, Lexington, Ky., pp. 297-302.
- Eggers, Steve D. February 1992. *Compensatory Wetland Mitigation: Some Problems and Suggestions for Corrective Measures*. U.S. Army Corps of Engineers, St. Paul, Minn.
- Eggers, Steve D., and Donald M. Reed. December 1987. *Wetland Plants and Plant Communities of Minnesota and Wisconsin*. U.S. Army Corps of Engineers, St. Paul, Minn.
- Eggers, Steve D., and Donald M. Reed. December 1997. *Wetland Plants and Plant Communities of Minnesota and Wisconsin. 2nd ed.* U.S. Army Corps of Engineers, St. Paul, Minn.
- Engman, E. T. 1986. "Roughness Coefficients for Routing Surface Runoff." *Journal of Irrigation and Drainage Engineering* 12(1):39-53.
- EPA — See U.S. Environmental Protection Agency
- Eugene, City of. 1992. *Resource Protection Buffers and Setback Provisions*. West Eugene Wetlands Plan, Eugene, Ore.
- Fair, Gordon M., and John C. Geyer. 1954. *Water Supply and Wastewater Disposal*. John Wiley & Sons, New York.
- Farnhan, R., and T. Noonan. January 1988. *An Evaluation of Secondary Treatment of Stormwater Inflows to Como Lake, Minnesota, Using a Peat-Sand Filter*. U.S. Environmental Protection Agency Project S-005660-02, report for Como Lake Restoration Project, St. Paul, Minn.
- Field, Richard and Robert Pitt. 1992. "U.S. EPA's Manual of Practice for the Investigation and Control of Cross-Connection Pollution into Storm Drainage Systems." *Proceedings of the Fifth International Conference on Urban Storm Drainage*, Risk Reduction Engineering Laboratory, U.S. Environmental Protection Agency, Cincinnati, Ohio.
- Fleming, G. 1979. *Deterministic Models in Hydrology*. Food and Agriculture Organization, Irrigation and Drainage Paper #32.
- Fogel, M. M., L. Duckstein, and C. C. Kisiel. 1972. "Choosing Hydrologic Models for Management of Changing Watersheds." In: Csallany, S. C., T. G. McLaughlin, and W. D. Striffer (eds). *Watersheds in Transition*. American Water Resources Association, Urbana, Ill., pp. 118-123.
- Ferre, M. H., C. A. Onstad, and H. N. Holton. 1975. *ACTMOO — An Agricultural Chemical Transport Model*. Publication No. ARS-H-3, Agricultural Research Service, U.S. Department of Agriculture, Hyattsville, MD.
- Freshwater Foundation. 1988. "Nitrate: Rerun of an Old Horror." *Health and Environment Digest* 1(12):n.pag.

- Frost, Jack, and Steven Schwanke. July 1992. *Interim Strategy to Reduce Nonpoint Source Pollution to the Minnesota River*. Publication No. 640-92-038, Metropolitan Council of the Twin Cities Area, St. Paul, Minn.
- Galatowitsch, Susan M., and Arnold van der Valk. 1994. *Restoring Prairie Wetlands: An Ecological Approach*. Iowa State Univ. Press, Ames, Iowa.
- Galli, J. 1986. *Literature Review of Oil/Grit Separator Technology*. Unpublished manuscript, George Mason Univ., Fairfax, Va.
- Galli, J. December 1990. *Thermal Impacts Associated with Urbanization and Stormwater Best Management Practices*. Department of Environmental Programs, Metropolitan Washington Council of Governments, Washington, D.C.
- Gianessi, L. P., and Peskin, H. M. 1981. "Analysis of National Water Pollution Control Policies, 2. Agricultural Sediment Control." *Water Resources Research* 17(9):n. pag.
- Gillilan, Scott. September-October 1995. "Gaining Perspective on Aquatic Habitat Restoration." *Journal of Land and Water*.
- Gray, D. H., and A. T. Leiser. 1989. *Biotechnical Slope Protection and Erosion Control*. R. E. Krieger Publishing Co., Malabar, Fla.
- Gray, D. H., and R. B. Sotir. 1996. *Biotechnical and Soil Bioengineering, Slope Stabilization: a Practical Guide for Erosion Control*. John Wiley & Sons, Inc., New York.
- Gregory, Stanley V., Frederick J. Swanson, W. Arthur McKee, and Kenneth W. Cummins, September 1991. "An Ecosystem Perspective of Riparian Zones." *BioScience*, 41(8):540-551.
- Grimsrud, G. P., E. J. Finnemore, and H. J. Ownes. 1976. *Evaluation of Water Quality Models: a Management Guide for Planners*. EPA-600/5-76-004. U.S. Environmental Protection Agency, Washington, D.C.
- Haak, Andrea and Gary Oberts. 1983. *Surface Water Management: Management Practices Evaluation*. Publication No. 10-83-144. Metropolitan Council of the Twin Cities Area, St. Paul, Minn.
- Hartigan, J. P. June 1986. Regional BMP Master Plans. In: *Proceedings from Urban Runoff Quality — Impact and Quality Enhancement Technology*. Urbonas, B., and L. A. Roesner, eds. American Society of Civil Engineers, New York, N.Y.

- Hartigan, J. P. and T. F. Quasebarth. 1985. "Urban Nonpoint Pollution Management for Water Supply Protection: Regional vs. Onsite BMP Plans." *Proceedings of Twelfth International Symposium on Urban Hydrology, Hydraulics, and Sediment Control*. Univ. of Kentucky, Lexington, Ky.
- Heiskary, S. A. and C. B. Wilson. 1988. *Minnesota Lake Water Quality Assessment Report*. Minnesota Pollution Control Agency, St. Paul, Minn.
- Helgen, Judy, and Patrick Brezonik. 1992. *The Biology and Chemistry of Waste Stabilization Ponds in Minnesota*. Minnesota Pollution Control Agency, St. Paul, Minn.
- Henderson, Carrol L., Carolyn J. Dindorf, and Fred J. Rozumalski. 1999. *Lakescaping for Wildlife and Water Quality*. Minnesota Department of Natural Resources, St. Paul, Minn.
- Hennepin Conservation District. February 1991. *Toxic Hazardous Substances in Urban Runoff, an Interim Report*.
- Hickock, Eugene A., Marcus C. Hannamon, and Norman C. Wenck. December 1977. *Urban Runoff Treatment Methods: Volume I – Nonstructural Wetland Treatment*, EPA-600/2-77-217, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, Ohio.
- Highway Research Board. *Tentative Design Procedure for Riprap Lined Channels*. Report 108, National Research Council.
- Huber, W. C. 1986. "Deterministic Modeling of Urban Runoff Quality." In: Torno, H. C., et al., eds. *Urban Runoff Pollution, Proceedings of the NATO Advances Research Workshop on Urban Runoff Pollution, Montpellier, France*. Springer-Verlag, New York, Series G: Ecological Sciences, 10:167-242.
- Huber, W. C. 1992. "Experience with the U.S. EPA SWMM Model for Analysis and Solution of Urban Drainage Problems." *Proceedings, Inundaciones y Redes de Drenaje Urbano*. J. Dolz, M. Gomez, and J. P. Martin, eds. Colegio de Ingenieros de Caminos, Canales y Puertos.
- Huber, W. C., A. F. Zollo, T. W. Tarbox, and J. P. Heaney. 1991. *Integration of the SWMM Runoff Block with ARC/INFO and AutoCAD: a Case Study*. Department of Environmental Engineering Sciences, Univ. of Florida, Gainesville, Fla.
- Huber, W. C. and R. E. Dickinson. 1988. *Storm Water Management Model, Version 4: User's Manual*. Office of Research and Development, Environmental Research Laboratory, U.S. Environmental Protection Agency, Athens, Ga.
- Huber, W. C., J. P. Heaney, and B. A. Cunningham. 1985. *Storm Water Management Model (SWMM) Bibliography*. U.S. Environmental Protection Agency, Athens, Ga.
- Huber, W. C., J. P. Heaney, M. A. Medina, W. A. Peltz, H. Sheikh, and G. F. Smith. 1975. *Storm Water Management Model User's Manual, Version II*. U.S. Environmental Protection Agency, Cincinnati, Ohio.

- IEP, Inc. October 1990. *P8 Urban Catchment Model: Program for Predicting Polluting Particle Passage Thru Pits, Puddles, & Ponds*. IEP, Inc., Northborough, Mass. (also referred to as Walker, 1990)
- Jackson, T. J. 1982. "Application and Selection of Hydrologic Models." In: Haan, C. T., H. P. Johnson and D. L. Brakensiek, eds. *Hydrologic Modeling of Small Watersheds*. Monograph 5, American Society of Agricultural Engineers, St. Joseph, Mich., pp. 475-504.
- James, D. L. and S. J. Burges. 1982. "Selection, Calibration, and Testing of Hydrological Models." In: Haan, C. T., H. P. Johnson, and D. L. Brakensiek, eds. *Hydrologic Modeling of Small Watersheds*. Monograph 5, American Society of Agricultural Engineers, St. Joseph, Mich., pp. 437-470.
- Johnson, Alan W., and Diane M Rela. February 1992. *A Literature Review of Recommended Buffer Widths to Maintain Various Functions of Stream Riparian Areas*. King County Surface Water Management Division, King County, Wash.
- Jones, D. Earl. 1971. "Where is Urban Hydrology Practice Today?" *Journal of the Hydraulics Division, Proceedings of the American Society of Civil Engineers*, n.v., n.pag.
- Juneja, Narendra, and James Veltman. 1980. "Natural Drainage in the Woodlands." In: Tourbier, J. Toby, and Richard Westmacott, eds. *Stormwater Management Alternatives*. Univ. of Delaware, Water Resources Center, Newark, N.J.
- Karr, James R. 1993. "Defining and Assessing Ecological Integrity: Beyond Water Quality." *Environmental Toxicology and Chemistry*, 12:1521-1531.
- Kazanowski, A. D. 1968. "A Standardized Approach to Cost-Effectiveness Evaluations." In: English, J. M., ed. *Cost-effectiveness — the Economic Evaluation of Engineering Systems*. John Wiley and Sons, Inc., New York, pp. 113-115.
- Kisiel, C. C., and L. Duckstein. 1972. "Economics of Hydrologic Modeling: a Cost-Effectiveness Approach." In: *International Symposium on Modeling Techniques in Water Resources Systems*. Ottawa, Ontario, Canada, pp. 319-330.
- Klang, Jim. June 1994. "Laws Relating to Best Management Practices." Minnesota Pollution Control Agency office memorandum, St. Paul, Minn.
- Klein, R. D. 1979. "Urbanization and Stream Quality Impairment." *Water Resources Bulletin* 15(4):948-963.
- Klein, Steven. December 1996. "Presentation for Alternatives to Wet Detention Basins." Annual Meeting of the Minnesota Association of Watershed Districts.

- Klein, Steven, and Greg Wilson. October 1995. "Addressing the Water Quality Benefits of Smaller Wet Detention Ponds." Presentation for the 28th Annual Water Resources Conference, Univ. of Minnesota, St. Paul, Minn.
- Knisel, W. G., ed. 1980. *CREAMS: A Field-Scale Model for Chemicals, Runoff, and Erosion from Agricultural Management Systems*. Conservation Research Report No. 26, U.S. Department of Agriculture, Tucson, Ariz.
- Leopold, Luna B., M. G. Wolman, and J. P. Miller. 1964. *Fluvial Processes in Geomorphology*. Freeman, San Francisco.
- MacKenzie, M. J., and J. R. Hunter. 1979. "Sources and Fates of Aromatic Compounds in Urban Stormwater Runoff." *Environmental Science and Technology* 13(2):179-183.
- Magner, J. A. 1985. "Evaluation Techniques for Large Drainfield/Mound Systems under Varying Geologic Settings." In: *Proceedings of the Fourth National Symposium on Individual and Small Community Sewage Systems*, American Society of Agricultural Engineers, St. Joseph, Mich.
- Markus, Howard. 1994. Minnesota Pollution Control Agency office memorandum, St. Paul, Minn.
- Martin, J. L. 1993. *Modification of the Storm Water Management Model's (SWMM) Transport Submodel for Creation of a Hydrodynamic Linkage to the Water Analysis Simulation Program (WASP)*. ASCI Corp., Athens, Ga.
- Maryland Department of Natural Resources. 1984. *Maryland Standards and Specifications for Stormwater Management Infiltration Practices*. Water Resources Administration, Maryland DNR, Annapolis, Md.
- Maryland Department of Natural Resources. 1987. *Guidelines for Constructing Wetland Stormwater Basins*. Sediment and Stormwater Division, Water Resources Administration, Maryland DNR, Annapolis, Md.
- McCuen, R. H. November 1979. "Downstream Effects of Stormwater Management Basins." *American Society of Civil Engineers, Journal of Hydraulics Division* 105(HY11):1343-1356.
- Mega, Matthew, Barbara Lukerman, and Robert Sykes. 1998. *Residential Cluster Development*. Univ. of Minnesota Extension Service, St. Paul, Minn.
- Mega, Matthew, John Eric Kingstad, and Robert Sykes. n.d. *Residential Cluster Development: Management Options*. Univ. of Minnesota Extension Service, St. Paul, Minn.
- Meiorin, E. C. December 1986. *Urban Stormwater Treatment at Coyote Hills Marsh*. Association of Bay Area Governments, Oakland, Calif.
- Metcalf and Eddy, Inc., University of Florida, and Water Resources Engineers, Inc. 1971. *Storm Water Management Model, Vol. 1, Final Report*. U.S. Environmental Protection Agency, Washington, D.C.

- Mineart, Phillip, and Sujatha Singh. Fall, 1994. "The Value of More Frequent Cleanouts of Storm Drain Inlets." *Watershed Protection Techniques* 1(3):129-130.
- Minneapolis, City of. November 1991. *National Pollutant Discharge Elimination System Storm Water Permit Application, Parts I and II*. n.p., n.pag.
- Minneapolis, City of. 1993. *Storm Water Runoff Permit, Phase I Application*. n.p., n.pag.
- Minnesota Board of Water and Soil Resources. November 1987. *Handbook for Comprehensive Local Water Planning under Minnesota Statute 110B*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. 1988. *Minnesota Construction Site Erosion and Sediment Control Planning Handbook*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. July 1990. *Summary of the Comprehensive Local Water Planning Process under Minnesota Statutes Chapter 110B*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. August 1, 1992. *Metropolitan Area Local Water Management*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. 1993a. *Wetland Conservation Act*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. 1993b. *Jurisdictional Delineation of Wetlands in Minnesota under the Wetland Conservation Act of 1991*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. 1993c. *Guidelines on Water Retention*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. 1995a. *Minnesota Assessment Methodology, Guidelines for Assessment of Water Body Functions and Values in Minnesota*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Board of Water and Soil Resources. 1995b. *Minnesota Routine Assessment Methodology. Guidelines for Assessment of Wetland Functions and Values in Minnesota*. Minnesota BWSR, St. Paul, Minn.
- Minnesota Department of Natural Resources. January 1995. *Technical Criteria for Identifying and Delineating Calcareous Fens in Minnesota*. Minnesota DNR, St. Paul, Minn.
- Minnesota Department of Natural Resources. July 1989. *Statewide Standards for Management of Shoreland Areas*. Division of Waters, Minnesota DNR, St. Paul, Minn.
- Minnesota Department of Transportation. 1988. *Standard Specifications for Construction*. Minnesota DOT, St. Paul, Minn.

- Minnesota Department of Transportation. February 1993. *Manual for Storm Water Pollution Prevention Plans for Minnesota Airports*. Minnesota DOT, St. Paul, Minn.
- Minnesota Department of Transportation. May 1994. *Supplemental Specifications to the 1988 Standard Specifications for Construction*. Minnesota DOT, St. Paul, Minn.
- Minnesota Department of Transportation. February 1997. *Inspection and Contract Administration Guidelines for MinnDOT Landscape Projects*. Minnesota DOT, St. Paul, Minn.
- Minnesota Extension Service. 1980. *The Home Lawn*. Minnesota Extension Service, Univ. of Minnesota, St. Paul, Minn.
- Minnesota Extension Service. 1995. *Land Use Planning Resources in Minnesota*. BU6622.5, Minnesota Extension Service, Univ. of Minnesota, St. Paul, Minn.
- Minnesota Pollution Control Agency. 1988a. *Guidelines for the Development and Application of Water Quality Criteria for Toxic Substances, Draft Report*. Division of Water Quality, Minnesota PCA, St. Paul, Minn.
- Minnesota Pollution Control Agency. 1988b. *Hydrologic Modeling for the Clean Water Partnership, a Guidance Document*. Division of Water Quality, Minnesota PCA, St. Paul, Minn.
- Minnesota Pollution Control Agency. 1993a. *Minnesota Rules Chapter 7050 Statement of Need and Reasonableness*. Division of Water Quality, Minnesota PCA, St. Paul, Minn.
- Minnesota Pollution Control Agency. 1993b. *Recommended Design Criteria for Stabilization Ponds*. Operator Training Unit, Division of Water Quality, Minnesota PCA, St. Paul, Minn.
- Minnesota Pollution Control Agency. September 1998. *General Permit, Authorization to Discharge Storm Water Associated with a Construction Activity under the National Pollutant Discharge Elimination System/State Disposal System Permit Program*. Metro District, Minnesota PCA, St. Paul, Minn.
- Minnesota, State of, Revisor of Statutes. 1993. “*Chapter 7050, Minnesota Pollution Control Agency, Water Quality Division, Waters of the State*.” Minnesota Rules. Department of Administration, St. Paul, Minn.
- Minnesota, State of, Storm Water Advisory Group. June 1997. *Storm Water and Wetlands: Planning and Evaluation Guidelines for Addressing Potential Impacts of Urban Storm Water and Snow-Melt Runoff on Wetlands*. Minnesota Pollution Control Agency, St. Paul, Minn.
- Minnesota, State of, Storm Water Advisory Group. September 1997. *Buffer Zones*. Minnesota Pollution Control Agency, St. Paul, Minn.

- Minnesota, State of, Storm Water Advisory Group. 1998. *Soil Bioengineering: the Science and Art of Using Biological Components in Slope Protection and Erosion Control*. Minnesota Pollution Control Agency, St. Paul, Minn.
- Mitton, Gregory B., and Gregory A. Payne. 1997. *Quantity and Quality of Runoff from Selected Guttered and Unguttered Roadways in Northeastern Ramsey County, Minnesota*. Water Resources Investigations Report 96-4284, U.S. Geological Survey, Mounds View, Minn.
- Montgomery County Department of Environmental Protection. 1984. *Oil-Grit Separator Design Checklist*. Stormwater Management Division, Rockville, Md.
- Morck, Rick. December, 1984. *Surface Water Management: an Overview of Runoff Quantity and Quality Models*. Pub. No. 10-84-165, Metropolitan Council of the Twin Cities Area, St. Paul, Minn.
- Mulcahy, Joseph P. 1994. *Phosphorus Export in the Twin Cities Metropolitan Area*. Metropolitan Council of the Twin Cities Area, St. Paul, Minn.
- Munson, W. J. 1988. *Summary Report of 1987 Lake Complaints*. Water Quality Division, Minnesota Pollution Control Agency, St. Paul, Minn.
- Musgrave, G. W. 1955. "How Much Rain Enters the Soil?" In: *Water. The Yearbook of American Agriculture 1955*. U.S. Department of Agriculture, U.S. Government Printing Office, Washington, D.C., pp. 151-159.
- MWCG — See Metropolitan Washington Council of Governments.
- Nassauer-Iverson, Joan, Brady Halverson, and Steve Roos. June 1997. *Bringing Garden Amenities into Your Neighborhood: Infrastructure for Ecological Quality*. Department of Landscape Architecture, Univ. of Minnesota, Minneapolis, Minn.
- National Association of Home Builders. 1980. *Planning for Housing: Development Alternatives for Better Environments*. NAHB, Washington, D.C.
- National Association of Home Builders. 1983. *Technical Alternatives to Conventional Methods of Providing Basic Services*. NAHB, Washington, D.C.
- Newton, Norman T. 1971. *Design on the Land*. Howard Univ. Press. Cambridge, Mass., Figure 292.
- Nichols, D. S. May 1983. "Capacity of Natural Wetlands to Remove Nutrients from Wastewater." *Journal of Water Pollution Control Federation*, pp. 495-505.
- Nightingale, H. I. April 1987. "Water Quality beneath Urban Runoff Management Basins." *Water Resources Bulletin* 23(2).

- North Carolina, State of; Department of Environment, Health and Natural Resources; Division of Land Services. May 1994. *Erosion and Sediment Control Planning and Design Manual*. State of North Carolina, DEHNR, DLS.
- Northeastern Illinois Soil Erosion and Sedimentation Control Steering Committee. 1981. *Procedures and Standards for Urban Soil Erosion and Sedimentation Control in Illinois*. Association of Illinois Soil and Water Conservation Districts, Springfield, Ill.
- Northern Virginia Planning District Commission. 1983. *Final Contract Report for the Washington Area Urban Runoff Demonstration Project*. NVPDC, n.p.
- NRCS — See U.S. Department of Agriculture, Natural Resources Conservation Service.
- Oberts, G. L. June 1986. “Pollutants Associated with Sand and Salt Applied to Roads in Minnesota.” *Water Resources Bulletin* 22(3): n. pag.
- Oberts, Gary. December 1983. *Surface Water Management: Simplified Modeling for Watersheds*. Publication No. 10-83-130, Metropolitan Council of the Twin Cities Area, St. Paul, Minn.
- Oberts, Gary, Paul J. Wotzka, and Judith A. Hartsoe. June 1989. *Water Quality Performance of Selected Urban Runoff Treatment Systems*. Metropolitan Council of the Twin Cities Area, St. Paul, Minn.
- Oberts, Gary L. March 19-21, 1991. “Design Considerations for Management of Urban Runoff in Wintry Conditions.” Paper presented at the International Conference on Urban Hydrology Under Winter Conditions, Narvik, Norway.
- Overton, D. E. and M. E. Meadows. 1976. *Storm Water Modeling*. Academic Press, New York.
- Partsch, C. M., A. R. Jarrett, and T. L. Watschke. November-December 1993. “Infiltration Characteristics of Residential Lawns.” ASAE paper No. 91-2617. *Journal of the American Society of Agricultural Engineers* 36(b):1695-1701.
- Pitt, R., K. Parmer, S. Clark and R. Field. 1994. *Potential Groundwater Contamination from Intentional and Nonintentional Stormwater Infiltration — 1993 Research Project*. Risk Reduction Engineering Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, Ohio.
- Pitt, Robert E. 1985. *Characterizing and Controlling Urban Runoff through Street and Sewerage Cleaning*. U.S. Environmental Protection Agency, Washington D.C.
- Pitt, Robert E. 1987. *Small-Storm Urban Flow and Particulate Washoff Contributions to Outfall Discharges*. Ph.D. diss., Civil and Environmental Engineering Department, Univ. of Wisconsin, Madison, Wis.
- Pitt, Robert E. October 1993, draft. *Storm Water Detention Pond Design for Water Quality Benefits*.

- Pitt, Robert E. 1994a. *Storm Water Detention Pond Design for Water Quality Management* (Draft). Lewis Publishers.
- Pitt, Robert E. 1994b. *General Urban Runoff Model for Water Quality Investigations*. Presented at the American Society of Civil Engineers 1994 Conference on Hydraulic Engineering, Buffalo, N.Y.
- Pitt, Robert E. April 29-30, 1998. Course notes presented at the workshop: *Storm Water Quality Management through the Use of Detention Basins*. Earl Brown Continuing Education Center, Univ. of Minnesota, St. Paul, Minn.
- Pitt, Robert E and John Voorhees. 1991. *Detpond: a Water Quality Detention Pond Analysis and Design Program. Model Documentation and Users Manual*. n.p., n.pag.
- Pöyky, Jaakko. May 1993. *Draft Generic Environmental Impact Statement Study on Timber Harvesting and Forest Management in Minnesota*. Minnesota Environmental Quality Board, St. Paul, Minn.
- Rhode Island Nonpoint Source Management Program. 1989. *Artificial Wetlands for Stormwater Treatment: Process and Designs*. Office of Environmental Coordination, Rhode Island Department of Environmental Management.
- Richards, J. L. and Associates, and Vezina Labrecque and Associates. 1973. *Snow Disposal Study for the National Capitol Area: Technical Discussion*. Committee on Snow Disposal, Ottawa, Ontario, Canada.
- Roesner, L. A., J. A. Aldrich, and R. E. Dickinson. 1988. *Storm Water Management Model User's Manual Version 4: Extran Addendum*. EPA/600/3-88/001b, U.S. Environmental Protection Agency, Athens, Ga.
- Roseboom, D., R. Sauer, D. Day and J. Lesnack. 1992. "Streambank and Habitat Strategies among Illinois River Tributaries." *Governor's Conference on Management of the Illinois River*, pp. 112-122.
- Rosen, C. J., D. H. Taylor, and D. B. White. 1986. *Preventing Pollution Problems from Lawn and Garden Fertilizers*. AG-FS-2923, Minnesota Extension Service, Univ. of Minnesota, St. Paul, Minn.
- Rosgen, Dave. 1994a. *Applied River Morphology*. Printed Media Companies, Minneapolis, Minn.
- Rosgen, David L. 1994b. "A Classification of Natural Rivers." *Catena*, 22(3):169-199, Elsevier Science B.V.
- Sandstrom, Bruce. June 1993. *Reding Guidelines, Comparison of Storm Water Design Criteria*. Minnesota Board of Soil and Water Resources interoffice memorandum, St. Paul, Minn.

- Sandstrom, Bruce. March 1994. *Storm Water Guidance Document, Laws Relating to Hydro-period of Storm Water*. Board of Water and Soil Resources interoffice memorandum, St. Paul, Minn.
- Schaefer, G. C., and D. L. Hey. 1983. "Source Control as a Management Strategy for Urban Stormwater Pollution." In: 1983 *International Symposium on Urban Hydrology, Hydraulics, and Sediment Control*. Univ. of Kentucky, Lexington, Ky., pp. 207-219.
- Schueler, Thomas, Peter A Kumble, and Maureen A. Heraty. March 1992. *A Current Assessment of Urban Best Management Practices: Techniques for Reducing Nonpoint Source Pollution in the Coastal Zone*. Anacostia Restoration Team, Department of Environmental Programs, Metropolitan Washington Council of Governments, Washington, D.C.
- Schueler, Thomas R. 1987. *Controlling Urban Runoff: A Practical Manual for Planning and Designing Urban BMPs*. Metropolitan Washington Council of Governments, Washington, D.C.
- Schueler, Thomas R. 1991. "Mitigating the Adverse Impacts of Urbanization on Streams: a Comprehensive Strategy for Local Governments." In: *Proceedings of the National Conference on Integration of Storm Water and Local Nonpoint Source Issues*, Northern Illinois Planning Commission, pp. 25-36.
- Schueler, Thomas R. September 1992. *Specification for the Design of Storm Water Wetland Systems in the Great Lakes Region* (draft). Anacostia Restoration Team, Department of Environmental Programs, Metropolitan Washington Council of Governments, Washington, D.C.
- Schueler, Thomas R. October 1992. *Design of Storm-Water Wetland Systems: Guidelines for Creating Diverse and Effective Stormwater Wetland Systems in the Mid-Atlantic Region*. Anacostia Restoration Team, Department of Environmental Programs, Metropolitan Washington Council of Governments, Washington, D.C.
- Schueler, Thomas R. 1994a. "Developments in Sand Filter Technology to Improve Storm Water Runoff Quality." *Watershed Protection Techniques* 1(2):47-54.
- Schueler, Thomas R. 1994b. "The Importance of Imperviousness." *Watershed Protection Techniques* 1(3):100-111.
- Schueler, Thomas R. April 1995. "Storm Water Management Starts with Planning," Presented at the Minnesota-Wisconsin joint Conference: "Improving Storm Water Quality," Phipps Center, Hudson, Wis.
- Schueler, Thomas R. December, 1995. *Site Planning for Urban Stream Protection*. Center for Watershed Protection, Silver Spring, Md., and the Metropolitan Washington Council of Governments, Washington, D.C.
- Schueler, Thomas R. and Richard A Claytor. September 1998 draft. *Maryland Stormwater Design Manual: Volumes I and II*. Water Management Administration, Maryland Department of the Environment, Baltimore, Md.

- Shaffer, M. J., and W. E. Larson, eds. 1982. *Nitrogen-Tillage-Residue Management (NTRM) Model-Technical Documentation Research Report*. Agricultural Research Service, U.S. Department of Agriculture, and the Univ. of Minnesota, St. Paul, Minn.
- Shanks, Robert W., and Rao A. Ramachandra. May 1977. "The Effects of Urbanization on Low Flows and Total Runoff." *Systematic Development of Methodologies in Planning Urban Water Resources for Medium Sized Communities*. Water Resources Center, Purdue Univ.
- Shapiro, J., and H. Pfannkuck. 1973. n.t. Interim Report No. 9. Liminological Research Center, Univ. of Minnesota, St. Paul, Minn.
- Shelly, P. E., and D. R. Gaboury. 1986. "Estimation of Pollution from Highway Runoff — Initial Results." In: *Urban Runoff Quality*. Urbonas, B., and L. A. Roesner, eds. American Society of Civil Engineers, New York, N.Y.
- Shoemaker, L., M. Lahlou, M. Bryer, D. Kumar, and K. Kratt. *Compendium of Tools for Watershed Assessment and TMDL Development*. Watershed Branch, Assessment and Watershed Protection Division, Office of Wetlands, Oceans, and Watersheds, U.S. Environmental Protection Agency, Washington, D.C.
- Snyder, W. M., and J. B. Stall. 1965. "Men's Models, Methods and Machines in Hydrologic Analysis." American Society of Civil Engineers, *Journal of the Hydraulic Division* 91(2):85-99.
- Sotir, R. B., and D. H. Gray. 1992. "Soil Bioengineering for Upland Slope Protection and Erosion Control." Chapter 18 of: *Engineering Field Handbook*, Natural Resources Conservation Service, U.S. Department of Agriculture.
- Stenstrom, M. K., G. S. Herman, and T. A. Burstynsky. 1984. "Oil and Grease in Urban Stormwater." *Journal of the Environmental Engineering Division*, American Society of Civil Engineers, 110(1):58-72.
- Strecker, Eric W., Joan M. Kersnar, Eugene D. Driscoll, and Richard R. Horner. April 1992. *The Use of Wetlands for Controlling Storm Water Pollution*. Terrene Institute, n.p.
- SWAG — See Minnesota, State of, Storm Water Advisory Group.
- Sykes, Robert D. October, 1989. "Site Planning." In: *Protecting Water Quality in Urban Areas, Best Management Practices for Minnesota*. Minnesota Pollution Control Agency, St. Paul, Minn.
- Tester, John R. 1993. *Minnesota's Natural Heritage*. Univ. of Minnesota Press, Minneapolis, Minn.
- USDA, SCS — See U.S. Department of Agriculture, Soil Conservation Service.
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U.S. Department of Agriculture, Natural Resources Conservation Service. June 1988. *Sediment Basins*. Minnesota Technical Release 8, NRCS, U.S. Department of Agriculture, St. Paul, Minn.

U.S. Department of Agriculture, Natural Resources Conservation Service. February 1995. *Pond*. NRCS Conservation Practice Standard 378, St. Paul, MN.

U.S. Department of Agriculture, Natural Resources Conservation Service. April 1995. *Guidelines for Filter Strip Design in Water Quality Incentive Program Projects*. Water Quality Incentive Program Guidance Note 4, NRCS, U.S. Department of Agriculture.

U.S. Department of Agriculture, Natural Resources Conservation Service. September 1995. *Riparian Buffer Strips*. NRCS, U.S. Department of Agriculture.

U.S. Department of Agriculture, Natural Resources Conservation Service. December 1996. Chapter 16: Streambank and Shoreline Protection. In: *Engineering Field Handbook*. NRCS, U.S. Department of Agriculture, Washington, D.C.

U.S. Department of Agriculture, Natural Resources Conservation Service. October 1998. *Stream Corridor Restoration: Principles, Processes, and Practices*. National Engineering Handbook, Part 653, NRCS, USDA, Washington, D.C.

U.S. Department of Agriculture, Natural Resources Conservation Service. 1999. *National Engineering Handbook Part 630: Hydrology*. NRCS, USDA, Washington, D.C.

U.S. Department of Agriculture, Natural Resources Conservation Service. n.d. *National Engineering Handbook*, Section 14. NRCS, U.S. Department of Agriculture.

U.S. Department of Agriculture, Natural Resources Conservation Service. *Technical Guide Section IV – Practice Standards and Specifications*. USDA, NRCS, St. Paul, MN.

U.S. Department of Agriculture, Soil Conservation Service. 1954. *Handbook of Channel Design for Soil and Water Conservation*. Stillwater Outdoor Hydraulic Laboratory, Stillwater, Okla.

U.S. Department of Agriculture, Soil Conservation Service. 1976. *Urban Runoff, Erosion and Sediment Control Handbook*. SCS, USDA, St. Paul, Minn.

U.S. Department of Agriculture, Soil Conservation Service. 1977a. *National Engineering Handbook Section 14: Chute Spillways*. SCS, USDA, Washington, D.C.

U.S. Department of Agriculture, Soil Conservation Service. 1977b. *Loose Riprap Protection*. Minnesota Technical Release 3, SCS, USDA, St. Paul, Minn.

U.S. Department of Agriculture, Soil Conservation Service. June 1979. *Engineering Field Manual for Conservation Practices*. SCS, USDA, Washington, D.C.

- U.S. Department of Agriculture, Soil Conservation Service. 1983. Technical Release 20: *Computer Program for Project Formulation — Hydrology*. SCS, USDA.
- U.S. Department of Agriculture, Soil Conservation Service. 1984. *Minnesota Drainage Guide*. SCS, USDA, St. Paul, Minn.
- U.S. Department of Agriculture, Soil Conservation Service. 1985a. *Guide for Determining the Gradation of Sand and Gravel Filters*. SCS Soil Mechanics Note 1, USDA.
- U.S. Department of Agriculture, Soil Conservation Service. 1985b. *Hydraulics of Two-Stage Straight Drop Spillway*. Design Unit, Engineering Division, SCS, USDA, Washington, D.C.
- U.S. Department of Agriculture, Soil Conservation Service. October 1985. *Earth Dams and Reservoirs*. Technical Release 60, Engineering Division, SCS, USDA, Washington, D.C.
- U.S. Department of Agriculture, Soil Conservation Service. 1986. *Urban Hydrology for Small Watersheds*. Technical Release 55, Engineering Division, SCS, USDA, Washington, D.C.
- U.S. Department of Agriculture, Soil Conservation Service. 1988. *Slope Protection for Dams and Lakeshores*. SCS, USDA, St. Paul, Minn.
- U.S. Environmental Protection Agency. 1976a. *Urban Stormwater Runoff: Determination of Volumes and Flow Rates*. Environmental Protection Series. U.S. Government Printing Office, Washington, D.C.
- U.S. Environmental Protection Agency. 1976b. *Areawide Assessment Procedures Manual*. EPA-600/9-76-014, U.S. EPA, Cincinnati, Ohio.
- U.S. Environmental Protection Agency. 1977. *National Nonpoint Source Water Pollution Control Strategy* (draft). Nonpoint Source Strategy Task Force, U.S. EPA, Washington, D.C.
- U.S. Environmental Protection Agency. 1980. *Design Manual: Onsite Wastewater Treatment and Disposal Systems*. Office of Water Program Operations, U.S. EPA, Washington, D.C.
- U.S. Environmental Protection Agency. 1982. *Street Sweeping for Control of Urban Stormwater Quality* (draft). Water Planning Division, U.S. EPA, Washington, D.C.
- U.S. Environmental Protection Agency. December 1983. *Results of the Nationwide Urban Runoff Program*. Water Planning Division, U.S. EPA, Washington, D.C.
- U.S. Environmental Protection Agency. 1986. *Methodology for Analysis of Detention Basins for Control of Urban Runoff Quality*. EPA 440/5-87-001, Nonpoint Source Branch, Office of Water, U.S. EPA, Washington, D.C.
- U.S. Environmental Protection Agency. 1987. *Guide to Nonpoint Pollution Control*. Office of Water, U.S. EPA, Washington, D.C.

- U.S. Environmental Protection Agency. November 1990. *Urban Targeting and BMP Selection*. Watershed Management Unit, Water Division, U.S. EPA, Region V, Chicago, Ill.
- U.S. Environmental Protection Agency. 1992a. *CREAM Systems Development Life Cycle Methodology (SDLCM) Statement of Policy, Standards, and Guidelines — Version 1.00*. U.S. EPA, Athens, Ga.
- U.S. Environmental Protection Agency. 1992b. “Final NPDES General Permits for Storm Water Discharges Associated with Industrial Activity.” *Federal Register* 57(175):41294.
- U.S. Environmental Protection Agency. 1992c. *Compendium of Watershed-Scale Models for TMDL Development*. Office of Wetlands, Oceans, and Watersheds, U.S. EPA, Washington, D.C.
- U.S. Environmental Protection Agency. April 1992. *Storm Water Pollution Prevention for Construction Activities* (draft, limited distribution document). Office of Wastewater Enforcement and Compliance, U.S. EPA.
- U.S. Environmental Protection Agency. June 1992. *Environmental Impacts of Stormwater Discharges*. Office of Water, U.S. EPA, Washington, D.C.
- U. S. Environmental Protection Agency. September 1992. *Rural Roads: Pollution Prevention and Control Measures*. Terrene Institute, Washington, D.C.
- U.S. Environmental Protection Agency. October 1992. *Storm Water Management for Industrial Activities: Developing Pollution Prevention Plans and Best Management Practices*. Office of Water, U.S. EPA.
- U.S. Environmental Protection Agency. 1993. *Urban Runoff Pollution Prevention and Control Planning*. U.S. EPA.
- U.S. Environmental Protection Agency. February 1993. *Natural Wetlands and Urban Stormwater: Potential Impacts and Management*. Publication 843-R-001, Office of Water, U.S. EPA.
- USEPA — See U.S. Environmental Protection Agency.
- U.S. Fish and Wildlife Service. 1988. *Results of Unpublished Sampling Data from Long Meadow Lake*. USFWS, St. Paul, Minn.
- USFWS — See U.S. Fish and Wildlife Service
- U.S. Geological Survey. 1982. *Quality of Runoff from Small Watersheds in the Twin Cities Metropolitan Area, Minnesota — Hydrologic Data for 1980*. Open File Report 82-504, USGS, St. Paul, Minn.
- USGS – See U.S. Geological Survey.

- Urban Land Institute. 1974. *Residential Streets: Objectives, Principles and Design*. Joint publication of the Urban Land Institute, the National Association of Homebuilders, and the American Society of Civil Engineers, Washington, D.C.
- Urban Land Institute. 1975. *Residential Storm Water Management: Objectives, Principles and Design*. Joint publication of the Urban Land Institute, the National Association of Homebuilders, and the American Society of Civil Engineers, Washington, D.C.
- Urban Land Institute. 1978. *Residential Erosion and Sediment Control: Objectives, Principles and Design*. Joint publication of the Urban Land Institute, the National Association of Homebuilders, and the American Society of Civil Engineers, Washington, D.C.
- Virginia Department of Conservation and Recreation. 1992. *Virginia Erosion and Sediment Control Handbook*. Third Ed. Division of Soil and Water Conservation, Virginia DCR, Richmond, Va.
- Walesh, Stuart G. 1989. *Urban Surface Water Management*. John Wiley and Sons, Inc., New York.
- Walker, W. W. 1987a. "Phosphorus Removal by Urban Runoff Detention Basins." *Lake and Reservoir Management* 3:314-326, Washington, D.C.
- Walker, W. W. 1987b. *Design Calculations for Wet Detention Ponds*. Prepared for the St. Paul Water Utility and Vadnais Lake Area Water Management Organization, St. Paul, Minn.
- Walker, W. W. October 1990. *P8 Urban Catchment Model: Program for Predicting Polluting Particle Passage Thru Pits, Puddles, & Ponds*. IEP, Inc., Northborough, Mass. (Also referred to as IEP, 1990)
- Wallace, McHarg, Roberts and Todd. 1973. *Woodlands New Community: Guidelines for Site Planning*. WMRT, Philadelphia, Pa.
- Wallace, McHarg, Roberts and Todd. 1974a. *Woodlands New Community: An Ecological Inventory*. WMRT, Philadelphia, Pa.
- Wallace, McHarg, Roberts and Todd. 1974b. *Woodlands New Community: An Ecological Plan*. WMRT, Philadelphia, Pa.
- Wallace, McHarg, Roberts and Todd. 1974c. *Woodlands New Community: Phase One Land Planning and Design Principles*. WMRT, Philadelphia, Pa.
- Washington State Department of Ecology. 1992a. *Stormwater Management Manual for the Puget Sound Basin*. Washington State Department of Ecology, Olympia, Wash.
- Washington State Department of Ecology. 1992b. *Wetland Buffers: Use and Effectiveness*. Washington State Department of Ecology, Olympia, Wash.

- Welsh, David J. July 1991. *Riparian Forest Buffers: Function and Design for Protection and Enhancement of Water Quality*. Forest Service, U.S. Department of Agriculture.
- Wilson, Bruce. 1990. "Lake Water Quality Modeling: an Overview of the Basics." *Enhancing States' Lake/Wetlands Programs*, U.S. Environmental Protection Agency, pp. 133-144.
- Wisconsin Department of Natural Resources. November 1992. *Rapid Assessment Methodology for Evaluating Wetland Functional Values*. Wisconsin DNR.
- Woodward, Steven E., and Chet A. Rock. October 7-10, 1991. "The Role of Natural Buffer Strips in Controlling Phosphorus and Sediment in Runoff." *Water Pollution Control Federation*, n.p.
- Woodward-Clyde Consultants. 1989. *Synoptic Analysis of Selected Rainfall Gages throughout the United States*. U.S. Environmental Protection Agency.
- Young, R. A., C. A. Onstad, D. D. Bosch, and W. P. Anderson. 1986. *Agricultural Nonpoint Source Pollution Model: a Watershed Analysis Tool*. Conservation Research Report 35, Agricultural Research Service, U.S. Department of Agriculture, Morris, Minn.
- Young, R. A., M. A. Otterby, and Amos Roos. 1982. *An Evaluation System to Rate Feedlot Pollution Potential*. ARM-NC-17, Agricultural Research Service, U.S. Department of Agriculture, Peoria, Ill.
- Zanoni, A. E. 1986. "Characteristics and Treatability of Urban Runoff Residuals." *Water Research* 20(5):651-659.

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Appendix III: Important Contacts and Telephone Numbers

Minnesota Pollution Control Agency (MPCA)

520 Lafayette Rd. N.

St. Paul, MN 55155-4194

www.pca.state.mn.us

- **MPCA Information Line**
(651) 296-6300 or (800) 657-3864, TTY: (651) 282-5332
- **Customer Assistance Center**
(651) 297-2274 or (800) 646-6247
- **24-hour Emergency Number (Spills)**
Duty Officer, Minnesota Department of Public Safety
(651) 649-5451 or (800) 422-0798,
TTY: (651) 297-5353 or (800) 627-3529

Abandoned Wells

(651) 201-4600

Above-Ground Storage Tanks

(651) 297-2274 or (800) 646-6247

Agricultural Runoff

James Klang

(651) 296-8402

Best Management Practices

See *Minnesota Stormwater Manual* listing

Board of Water and Soil Resources (BWSR)

(651) 296-3767

Citizen Lake Monitoring Program

Jennifer Klang

(651) 282-2618

Pamela Anderson

(651) 296-8544

Citizen Stream Monitoring Program

Laurie Sovell

(651) 296-7187

Pamela Anderson

(651) 296-8544

Clearinghouse, MPCA (Environmental education materials)

Jeanne Giernet

(651) 215-0232

Construction Stormwater Permit

Shanna Denis (Construction stormwater permit forms, applications and permit status)
(651) 297-1457 or (800) 657-3864

Construction Stormwater Permit Enforcement

See *MPCA Regional Offices* listing or go to <http://www.pca.state.mn.us/complaints.html> to report an observed pollution problem

Feedlots

See *MPCA Regional Offices* listing

Hazardous Waste

Business assistance
(651) 297-2274 or (800) 646-6247

Landfills

Jim Chiles
(651) 296-7223
Don Kyser
(651) 215-0191
Richard Andre
(651) 215-0195

Minnesota Stormwater Manual

<http://www.pca.state.mn.us/water/stormwater/stormwater-manual.html>

MPCA Regional Offices:

Brainerd	(218) 828-2492
Detroit Lakes	(218) 847-1519
Duluth	(218) 723-4660
Mankato	(507) 389-5977
Marshall	(507) 537-7146
Rochester	(507) 285-7343
St. Paul	(651) 296-6300
Willmar	(320) 214-3786

Plants for Stormwater Design

Ruth Monzel (to order a copy)
(651) 297-8509

Protecting Water Quality in Urban Areas

Kelly Turner (to order a copy)
(651) 297-5754

Public Information Office

Dan McLean (MPCA Stormwater Program)
(651) 297-1607