

REGIONAL WATER QUALITY PLANNING PROJECT

AVAILABLE LITERATURE / BIBLIOGRAPHY

Part 1. Comprehensive Bibliography

Draft (August 4, 2004)

- 1 Anonymous. Date Unknown. Facility Study. Prepared for the City of Austin Watershed Protection Department.
- 2 Anonymous. Date Unknown. Phase II Final Report. Prepared for the City of Austin Watershed Protection Department.
- 3 Anonymous 1992. December 1991 Storm Report: Erosion and Sedimentation Study of Selected Subwatersheds Above Lake LBJ and Lake Travis.
- 4 Anonymous. 1996. Proceedings of a National Symposium Assessing the Cumulative Impacts of Watershed Development on Aquatic Ecosystems and Water Quality, Chicago, Illinois, March 19-21, 1996.
- 5 Alan Plummer Associates, Inc. 2000. Final Report, Barton Springs Pool preliminary algae control plan.. Austin: COA.
- 6 Allen, M.J. and S.M. Morrison. 1973. Bacterial Movement Thru Fractured Bedrock. Groundwater Vol. 2, No.2, Pages 6-10.
- 7 Ambrose M. 1999. Police and Regulations Division, Texas Natural Resources Conservation Commission. Personal communication with Ali Peet of PBS&J, Austin, Texas, concerning Edwards Aquifer Recharge, Transition, and Contributing Zone Rules and Regulations.05/11/1999.
- 8 American Society of Testing and Materials. 1997. ASTM standards related to on-site septic systems. West Conshohocken (PA):ASTM Publication Code No. 30-418197-38. 172 p.
- 9 American Water Resources Association. 2001. Channel Protection. Water Resources Impact Vol 3, No. 6, November 2001, p. 16.
- 10 Andrews F. L., T.L.Schertz, R.M Slade, Jr., and J. Rawson. 1984. Effects of storm-water runoff on water quality of the Edwards Aquifer near Austin, Texas. Austin: U.S. Geological Survey. Water Resources Investigations Report 84-4124.
- 11 Ardis, A.F., and Slagle, D.L., 1985, Delineation of the outcrop of the Edwards aquifer associated with Barton Springs in the Austin region, Texas: U.S. Geological Survey Open-File Report 85-643, 1 sheet.
- 12 Armstrong, N. E., C.W. Johnson, V.N Gordon, D. Tupa, I.E. Wallace, and G. Culkin.1985. Water Quality Studies in Lake Austin and Town Lake, Final Report, prepared for the City of Austin Environmental Resources Management Department of Planning and Growth Management, Center for Research in Water Resources, Bureau of Engineering Research, The University of Texas at Austin, Austin, Texas, February 15, 1985.
- 13 Arnow, Ted. 1957. Records of Wells in Travis County, Texas, Texas Board of Water Engineers.
- 14 Atlanta Regional Commission. 2001. Georgia Stormwater Management Manual. March 2001 Draft. Atlanta: Prepared by AMEC, Center for Watershed Protection, Debo & Associates, Jordon, Jones & Goulding.
- 15 Austin-Travis County Health Department. 1972. Regulations for Individual Septic Tank System, Austin, Texas.
- 16 Baker JMR, and Waights V. 1993.The effect of sodium nitrate on the growth and survival of toad tadpoles (*Bufo hufo*) in the laboratory. Herpetological Journal 4: 106-108.
- 17 Baker, E. T., Jr. and Watson, J. A. 1970. Quantity of Low Flow in Barton Creek, Texas, July 6-8, 1970 and October 1-3, 1970, U.S. Geological Survey.
- 18 Baker, E.T., Jr., R. M. Slade, R.M., Jr., M.E. Dorsey, L.M. Ruiz, and G.L. Duffin. 1986. Texas Water Development Board, Geohydrology of the Edwards aquifer in the Austin area, Texas: Texas Water Development Board Report 293, 217 p.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 19 Barbour, M.T., J. Gerritson, B.D. Snyder, and J.B. Stribling. 1999. Rapid bioassessment protocols for use in streams and wadeable rivers: periphyton, benthic macroinvertebrates, and fish, second edition. Washington D.C.U.S. Environmental Protection Agency. EPA 841-B-99-002.
- 20 Barnes, Ba. A. 1938. Hays County, Texas-Records of Wells and Springs, Drillers' Logs, Water Analyses, and Map Showing Location of Wells, Texas Board of Water Engineers, Work Progress Administration Project 9864.
- 21 Barker R.A., Ardis A.F. 1996. Hydrogeologic framework of the Edwards-Trinity aquifer system, West-Central Texas. Washington (D.C.): U.S. Geological Survey. Professional paper number 1421-B. 61 p. with plates.
- 22 Barrett M E. 2001. Professor and Researcher at the Center for Research in Water Resources, the University of Texas at Austin. Personal communication with Wes Thompson of BIO-WEST, Inc, Logan, Utah, regarding recharge to the Edwards Aquifer from direct precipitation. 5/2/2001.
- 23 Barrett M.E. 1999a. Potential Effectiveness of Nonstructural Runoff Control Measures. ASCE Water Resources Engineering Conference. Seattle, WA, August 8-11, 1999. Seattle (WA): American Society of Civil Engineers.
- 24 Barrett, M.E. 1999b. Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices. Prepared for the Texas Natural Resources Conservation Commission by the Center for Research in Water Resources, Bureau of Engineering Research, Univ. Texas at Austin. TNRCC Report No. RG-348.
- 25 Barrett M.E., Charbeneau R.J. 1996. A parsimonious model for simulation of flow and transport in a karst aquifer. Austin: University of Texas at Austin, Center for Research in Water Resources. Technical Report 269 (Online Report 96-3).
- 26 Barrett, M.E., A.M Quenzer, and D.R.Maidment. 1998. Water Quality and Quantity Inputs for the Urban Creeks Future Needs Assessment. Austin (TX): Center for Research in Water Resources, University of Texas at Austin.36 p. plus appendices.
- 27 Barrett, M. E., J. F. Malina, R.J. Charbeneaux, and G.H. Ward. 1995. Effects of Highway Construction and Operation on Water Quality and Quantity in an Ephemeral Stream in the Austin, Texas Area, Center for Research in Water Resources Report 263, College of Engineering, The University of Texas at Austin, Austin, Texas, September, 1995.
- 28 Barrett, M. E., R.D. Zuber, E.R. Collins, III, J.F. Malina, R.J. Charbeneau, G.H.Ward. 1993. A Review and Evaluation of Literature Pertaining to the Quantity and Control of Pollution from Highway Runoff and Construction, Center for Research in Water Resources, College of Engineering, The University of Texas at Austin, April, 1993.
- 29 Barton Springs/Edwards Aquifer Conservation District, Lower Colorado River Authority and City of Austin. Map: The Barton Springs-Edwards Aquifer Recharge Zone and Contributing Drainage Area, date unknown.
- 30 Barton Springs/Edwards Aquifer Conservation District. 1997. Alternative regional water supply plan: Chapter III, Barton Springs Edwards Aquifer yield analysis (low flow conditions). Austin: BS/EACD. pp. III-1-III-22.
- 31 Barton Springs/Edwards Aquifer Conservation District. 2001. Water Quality and Flow Loss Study of the Barton Springs Segment of the Edwards Aquifer, Southern Travis and Northern Hays Counties, Texas: prepared by the Barton Springs/Edwards Aquifer Conservation District and the City of Austin Watershed Protection Department. Report submitted to the TNRCC and EPA dated August 2001.
- 32 Barton Springs/Edwards Aquifer Conservation District. 2001. Groundwater tracing study of the Barton Springs Segment of the Edwards Aquifer, Southern Travis and Northern Hays Counties, Texas. Austin: TNNRC. 105 p.
- 33 Baudo R., and H. Muntau. 1990. Lesser known in-place pollutants and diffuse source problems. In: R. Baudo, J. Giesy, and H.. Muntau, editors. Sediments: Chemistry and toxicity of in-place pollutants. Chelsea (MI): Lewis Publishers, Inc. pp. 1-14.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 34 Bio-West, Inc. 2002. Northern Hays and Southwestern Travis Counties Water Supply System Project Environmental Impact Study. Prepared for the Lower Colorado River Authority, June 2002.
- 35 Birge W.J., Black J.A., Westerman A.G. 1979. Evaluation of aquatic pollutants using fish and amphibian eggs as bioassay organisms. In: S.W. Nielsen, G. Migaki, and D.G. Scarpelli editors. Symposium: Animals Monitor Environmental Pollution, 1977. Storrs (CT): 12:108-118.
- 36 Blackburn, Wilbert H. 1984. Impacts of Grazing Intensity and Specialized Grazing Systems on Watershed Characteristics and Responses. In National Research Council/National Academy of Sciences. Developing Strategies for Rangeland Management. Boulder, Co.: Westview Press, 1984, pp. 927-983.
- 37 Blue Ribbon Committee. 2000. Hays County multi-corridor 2025 transportation plan recommendations. San Marcos (TX): Hays County. 11 p.
- 38 Bluntzer R.L. 1992. Evaluation of the ground-water resources of the Paleozoic and Cretaceous aquifers in the hill country of central Texas. Austin: Texas Water Development Board, Austin, Texas. Report 339.
- 39 Bondy K. September 21, 2000. Letter to Mr. Stovy Bowlin, General Manager of the Barton Springs Edwards/Edwards Aquifer Conservation District regarding report titled: Initial Assessment of Water Levels in Sunset Canyon Area East of Dripping Springs, Hays County, Texas. Located at: Lower Colorado River Authority Offices, Austin, Texas.
- 40 Borgman U., Norwood W.P. 1999. Assessing the toxicity of lead in sediments to *Hyallela azteca*: the significance of bioaccumulation and dissolved metal. Canadian Journal of Fisheries and Aquatic Sciences 56: 1494-1503.
- 41 Brune G., and G.L. Duffin. 1983. Occurrence, availability, and quality of ground water in Travis County, Texas. Austin: Texas Water Development Board. Report 276.
- 42 Brune, Gunnar. 1975. Major and Historical Springs of Texas, Development Board, Report 189.
- 43 Burchett, C.R., P.L. Rettman, and C.W. Boning. 1986. The Edwards aquifer, extremely productive, but....a sole-source water supply for San Antonio and surrounding counties in south-central Texas: Edwards Underground Water District Report, 38 p.
- 44 Burks B.D., and M.M. Minnis. 1994. Onsite wastewater treatment systems. Madison: Hogarth House, Limited. 248 p.
- 45 Burns and McDonnell. 1922. Report on Water Supply Development and Water Works Improvements for Austin, Texas, prepared for the City of Austin. December, 1922.
- 46 Buszka, P. M. and R.M. Slade, Jr. 1991. Determination of the Sources of Organic Compounds in Ground-Water Discharges of Barton Springs, Austin, Texas, 10 April 1991.
- 47 Butler, Kent. 1991. Land Use and Design Factors As They Relate To Urban Nonpoint Source Pollution: A Report on The State of the Knowledge. Supported by a contract with the City of Austin, Environmental and Conservation Services Department. Austin, Texas: Graduate Program in Community and Regional Planning, School of Architecture, The University of Texas at Austin.
- 48 Camp Dresser & McKee. 1999. City of Austin, Modeling Techniques for Streambank Erosion Management, January, 1996.
- 49 Camp Dresser & McKee, Inc. 1994. Lake Austin Watershed Ordinance, Engineer's Report, prepared for Trammell Crow Co.
- 50 Camp Dresser and McKee, March, 1984. Engineer's Report: Lake Austin Watershed Ordinance. Prepared for Trammell Crow Company. Austin, Texas: CDM, Inc.
- 51 Camp Dresser and McKee. 1998. Database Contract Summary Report. Prepared for the City of Austin Watershed Protection Dept.
- 52 Canter C. W., Knox R.C. 1991. Septic tank system effects on ground water quality. Chelsea (MI): Lewis Publishers, Inc. 336 p.
- 53 Capital Area Metropolitan Planning Organization. 2000. CAMPO 2025 transportation plan: CAMPO transportation plan to the year 2025. Adopted June 12, 2000, including modification as of August 7,2000. Austin (TX): CAMPO. 124 p.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 54 Capital Area Planning Council (CAPCO). 1998. Economic Development Plan Update 1998-1999. Austin: Economic Development Administration, U.S. Department of Commerce.
- 55 Castelle, A.J., A.W. Johnson, and C.Conolly. 1994. Wetland and stream buffer size requirements. *Journal Environmental Quality* 23:878-882.
- 56 Chamberlain D. 2001. Scientist with the COA. Personal communication with Michael Golden, BIO-WEST, Inc., Logan, Utah, regarding the recently discovered Texas blind salamander. 08/16/2001.
- 57 Chamberlain D., O'Donnell L. 2002. City of Austin's captive breeding program, Barton Springs and Austin blind salamanders annual permit (PRT - 839031) report: January 1 – December 31, 2001. Austin: COA, Watershed Protection and Development Review Department. 31 p.
- 58 Chan, Raymond and Associates. 1995. Waller Creek and Hemphill Branch Flood Management Plan, 15th Street to St. John's Avenue, Final Preliminary Report. Prepared for the City of Austin, March 1995.
- 59 Chang, G., Loomis, T. and Soeur, C. 1993. Application of SWMM in The Barton Creek Watershed. Austin, Texas. Proceedings of 1993 Runoff Quantity and Quality Modeling Conference. November 8-9, 1993. Reno, Nevada.
- 60 Chippindale P. T., A.H. Price, and D.M.Hillis. 1993. A new species of perennibranchiate salamander (*Eurycea* : Plethodontidae) from Austin, Texas. *Herpetologica* 49:248-259.
- 61 Christine Michele Dartiguenave, Ingenieur ECLille. 1997. Water Quality Master Planning for Austin. Thesis. Center for Research in Water Resources, University of Texas at Austin.
- 62 City of Austin. 1976. Results of Analyses of Water in Barton Creek, Interoffice Report.
- 63 City of Austin. 1980. Office of Environmental 1986. Streamside Vegetative Filters.
- 64 City of Austin. 1986a. Dept. of Planning. Resource Management. February 7, 1986. (A literature review).
- 65 City of Austin. 1986b. Comprehensive Watershed Ordinance, 1986.
- 66 City of Austin. 1988a. Design Guidelines for Water Quality Control Basins. Environmental DCM. City of Austin Transportation and Public Services Department, 1988.
- 67 City of Austin. 1988b. Design Guidelines for Water Quality Control Basins. Environmental DCM. City of Austin Transportation and Public Services Department.
- 68 City of Austin. 1990a. "Removal Efficiencies of Stormwater Control Structures," Prepared by Environmental Resources Management Division, ECSD, May 1990.
- 69 City of Austin, 1990b. "Storm Runoff and Baseflow Water Quality Modeling Studies for Austin Creeks," Environmental and Conservation Services Department, Environmental Resource Management Division.
- 70 City of Austin. 1990c. Removal efficiencies of stormwater control structures. Environmental Resource Management Division, Environmental and Conservation Services Dept.
- 71 City of Austin. 1990d. "Stormwater Pollutant Loading Characteristics for Various Land Uses in the Austin Area." Austin, Texas: City of Austin.
- 72 City of Austin. 1990e. The First Flush of Runoff and Its Effects on Control Structure Design. Austin, Texas: City of Austin, June 1990. .
- 73 City of Austin 1991a. Urban Watershed Ordinance.
- 74 City of Austin. 1991b. Environmental Criteria Manual, February 1991.
- 75 City of Austin. 1991. Draft Summary of Results - Analysis of Highway Runoff Data. Austin, Texas: City of Austin, Environmental and Conservation Services Department. 25 March, 1991.
- 76 City of Austin. 1992a. Town Lake Diagnostic Study. Austin, Texas.
- 77 City of Austin. 1992b. Diagnostic Study of Water Quality Conditions in Town Lake, Austin, Texas. Prepared by Environmental Resources Management Division, ECSD, 1992.
- 78 City of Austin. 1992c. Environmental and Conservation Services Department, Environmental Resources Management Division, Draft of Comprehensive Study of Water Quality Control Alternatives for Town Lake, Austin, Texas, Town Lake Alternatives Study, Report II of III, September, 1992.
- 79 City of Austin. 1993. Drainage Utility Business Plan, 1992. Updated August 1993.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 80 City of Austin. 1994a. Urban Stormwater Discharge Characterization NPDES Wet Weather Monitoring Sites October 1992-September 1993, Excerpts from the City of Austin NPDES Stormwater Part II Application, February, 1994.
- 81 City of Austin. 1994b. Environmental & Conservation Services Dept., Barton Creek Watershed Study, November, 1994.
- 82 City of Austin. 1995a. Barton Creek Watershed Study. Draft Report Prepared by Environmental Resources Management Division, Drainage Utility Department (formerly ECSD), September, 1995.
- 83 City of Austin. 1995b. Barton Springs Zone Retrofit Master Plan Study. Vol. III. Water Quality Retrofit Evaluation. Prepared by Santos and Associates, October, 1995.
- 84 City of Austin. 1995c. Barton Creek Watershed Study, Chapter Four: Storm Water Management Model (SWMM). Draft Report, Prepared by Environmental Resources Management Division, Environmental and Conservation Services Department (ECSD), 1995.
- 85 City of Austin. 1995d. Characterization of Stormwater Pollution for the Austin, Texas Area. Draft Report, Prepared by Environmental Resources Management Division, Drainage Utility Department (Formerly ECSD).
- 86 City of Austin. 1996. City of Austin Code of Ordinances, Volume II, Chapter 13-7: Article I. Water Quality, Division 5. Save our Springs Initiative. Adopted August 8, 1992.
- 87 City of Austin. 1996. Stormwater Monitoring Program, Descriptions, Schedules, and Site Locations. Environmental Resources Management Division, Drainage Utility Department (Formerly ECSD), January 1996.
- 88 City of Austin. 1997a. Evaluation of Non point Source Controls. EPA/TNRCC Section 319 Grant Report. Volumes 1-2, Env. Resource Management Division . COA-ERM/WQM and WRE 1997-04.
- 89 City of Austin. 1997b. Environmental Integrity Index Water Quality Technical Assessment Methodology. City of Austin Watershed Protection Department, Environmental Resource Management Division.
- 90 City of Austin. 1997c. The Barton Creek Report. Austin: COA. Water Quality Report Series COA/ERM/1977.
- 91 City of Austin. 1997d. Drainage Utility Department, Environmental Resources Management Division, Evaluation of Nonpoint Source Controls, an EPA/TNRCC Section 319 Grant Report, December 1997.
- 92 City of Austin. 1998a. Water Quality Problem Area Scoring System For the Drainage Utility MasterPlan: Phase
- 93 City of Austin. 1998b. Growth Watch. Annual Edition 1997. Austin: COA, Department of Planning, Environmental and Conservation Services.
- 94 City of Austin. 1998c. Final Environmental Assessment/Habitat Conservation Plan for issuance of a Section 10(a)(1)(b) Permit to Allow Incidental Take of the Barton Springs Salamander (*Eurycea sosorum*) for the Operation and Maintenance of Barton Springs Pool and Adjacent Springs. Austin: COA and U.S. Fish and Wildlife Service.
- 95 City of Austin. 1998d. Biological Assessment for an Environmental Protection Agency, National Pollutant Discharge Elimination System, Municipal Separate Storm Sewer System Permit (NPDES Permit Number TX000401. Austin: COA, Watershed Protection Department.
- 96 City of Austin. 1999a. Water Supply Suburban Watershed Report: Watershed Protection and Traffic Analysis. City of Austin Watershed Protection Department, Environmental Resource Management Division.
- 97 City of Austin. 1999b. Jolleyville Plateau Water Quality and Salamander Assessment. Austin: Watershed Protection Department, Environmental Resource Management Division.
- 98 City of Austin. 2000a. Smart growth in Austin. Austin: COA, Planning, Environmental and Conservation Services Department.
- 99 City of Austin. 2000b. Update of Barton Springs Water Quality Analysis. Water Quality Report Series COA-ERM 2000-2. Austin: COA, Watershed Protection Department, Environmental Resources Management. 27p.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 100 City of Austin. 2000c. Unpublished Data base with Sediment, Surface Water, and Groundwater Information for the Study Area. Available at COA, Environmental Resource Management Division, Watershed Protection Department, P.O. Box 1088, Austin, Texas 78767-1088.
- 101 City of Austin. 2001a. Unpublished notes on the state of knowledge of land use, Water Quality , and Aquatic Biology of the Barton Springs Segment of the Edwards Aquifer. Available at: COA Offices. 57pp.
- 102 City of Austin. 2001b. Watershed Protection Department, Watershed Protection Master Plan, Phase I Watersheds Report, Vol. I, June 2001.
- 103 City of Dripping Springs. 1995a. Subdivision Ordinance Number 30E.
- 104 City of Dripping Springs. 1995b. Master Plan.
- 105 City of Dripping Springs. 1997. Master Park Plan.
- 106 Claytor, R. A., and W.E. Brown. 1996. Environmental Indicators to Assess Stormwater Control Programs and
- 107 Cline, Stephen. 1989. Stencil the Town Fish. Sierra. March/April 1989. Sierra Club.
- 108 Cofer G. Executive Director, Hill Country Conservancy. 2001. Personal communication with Chris Sands of BIO-WEST, Inc., concerning conservation efforts by Hill Country Conservancy in the study area. May 2001.
- 109 Correll, Dave. 1999. Vegetated Stream Riparian Zones: Their Effects on Stream Nutrients, Sediments, and Toxic Substances: An Annotated and Indexed Bibliography of the world literature including buffer strips, and interactions with hyporheic zones and floodplains. Smithsonian jEnvironmental Research Center. Edgewater, Maryland, USA. Eighth Addition. April, 1999.
- 110 Daily, G.C., S.Alexander, P. R. Ehrlich, L. Goulder, J. Lubchenco, P. A. Matson, H. A. Mooney, S. Potel, S.H.Schneider, D. Tilman, and G.M. Woodwell. 1997. Ecosytem Services: Benefits Supplied to Human Societies by Natural Ecosystems. Issues In Ecology, No. 2, Spring 1997. Ecological Society of America.
- 111 Damon H.G. 1924. Vertical displacement of the main fault of the Balcones Fault Zone at a point west of the City of Austin [Unpublished M.A. thesis]. Austin: University of Texas. 33 p.
- 112 DeCook K.J. 1963. Geology and ground-water resources of Hays County, Texas. Austin: Texas Board of Water Engineers. Bulletin 5501.
- 113 DeCook, Kenneth J., 1960. Geology and Ground Water Resources of Hays County, Texas, Texas Board of Water Engineers, Bulletin 6004.
- 114 DeCook, Kenneth J., and Doyel, W.W. 1955. Records of Wells in Hays County, Texas, Texas Board of Water Engineers, Bulletin 5501.
- 115 Delisi V. 1999. Inspector/Sanitarian II, Environmental Health Services Division, Austin-Travis County Health Department. Personal communication with Ali Peet, PBS&J, concerning water supply and usage in Travis and Hays Counties. 05/28/99.
- 116 Dieterich, M. and N.H. Anderson. 1998. Dynamics of Abiotic Parameters, Solute Removal and Sediment Retention in Summer-Dry Headwater Streams of Western Oregon. Hydrobiologia, 379:1-15.
- 117 Department of Environmental Resources, Prince George's County, Maryland. 1997. Low-Impact development design manual.
- 118 Donart, Gary B. 1984. "The history and Evolution of Western Rangelands, in Relation to Woody Plant Communities." In National Research Council/National Academy of Sciences. Developing Strategies for Rangeland Management. Boulder, Co.: Westview Press. pp;1235-1258.
- 119 Dugas, William A. and R. Hicks. 1993. "Evapotranspiration from juniper-Infested Rangeland in the Seco Creek Watershed." In National Research Council/National Academy of Sciences. Developing Strategies for Rangeland Management. Boulder, Co.: Westview Press, 1984, Texas Agricultural Experiment Station, Blackland Research Center, September 20, 1993.
- 120 Dwyer J. 2001. Development of water quality standards for Edwards Aquifer salamanders. U.S. Geological Survey. Preliminary report.
- 121 Eisler R. 1988a. Lead hazards to fish, wildlife, and invertebrates: a synoptic review. Laurel (MD): U.S. Fish and Wildlife Service. Biological Report 85 (1.14).

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 122 Eisler R. 1988b. Copper hazards to fish, wildlife, and invertebrates: a synoptic review. U.S. Geological Survey, Biological Resources Division. Biological Science Report USGS/BRD/BSR--1998-0002.
- 123 Eisler R. 1993. Zinc hazards to fish, wildlife, and invertebrates: a synoptic review. Laurel (MD): U.S. Fish and Wildlife Service. Biological Report 10 (1.26).
- 124 Eisler R. 1986. Diazinon hazards to fish, wildlife, and invertebrates: a synoptic review. Laurel (MD): U.S. Fish and Wildlife Service. Biological Report 85 (1.9).
- 125 Eisler R. 1987. Polycyclic aromatic hydrocarbon hazards to fish, wildlife, and invertebrates: a synoptic review. Laurel (MD) U.S. Fish and Wildlife Service. Biological Report 85(1.11).
- 126 Ellicott City, Maryland. 1998a. Center for Watershed Protection, Rapid Watershed Planning Handbook-A Comprehensive Guide for Managing Urbanizing Watersheds, October, 1998.
- 127 Ellicott City, Maryland. 1988b. Center for Watershed Protection, Site Planning Roundtable, Better Site Design: A Handbook for Changing Development Rules in your Community, August, 1998.
- 128 Engineering-Science. 1986. Final Report. Utility Plan, City of Austin.
- 129 Environmental and Conservation Services Dept. 1993. Barton Creek Algae Bloom Assessment Report. City of Austin.
- 130 Environmental Protection Agency. 1986. Quality criteria for water; 1986. Washington (D.C.): U.S. EPA Office of Water Regulations and Standards. Publication No. EPA 440/5-86-001.
- 131 Environmental Protection Agency. 1987. Alternative onsite wastewater treatment and disposal systems on severely limited sites, project summary. Washington (D.C.): EPA. Report no EPA 600 S2-86. 5 p.
- 132 Espey Huston & Associates. 1992. Analysis of USGS Sampling Data for Barton Springs, Barton Creek and the Barton Springs portion of the Edwards Aquifer, April, 1992.
- 133 Espey, Huston & Associates, Inc., R.W. Harden & Associates. 1979. A study of some effects of urbanization on the Barton Creek Watershed. Document number 7995. Austin: EH&A. 117 p. plus appendices.
- 134 Espey, Huston and Associates, Inc. 1976. The Effect of Projected Urban Land Development on the Quantity and Quality of Stormwater Runoff into Lake Austin. Prepared for Wallace, McHarg, Roberts and Todd, Philadelphia, Penn., and the City of Austin Planning Department, Austin, Texas.
- 135 Espey, Huston and Associates, Inc. 1985. Data report: Septic tank loadings to Lake Travis and Lake Austin. Austin: ESH&A for Lower Colorado River Authority and Texas Department of Water Resources. Document number 85782. 67 p.
- 136 Espey, Huston and Associates, Inc. 1979. Phase II Barton Creek Watershed Study.
- 137 Esquilin, Robert. 2004. Edwards Aquifer Bibliography through 2003. Edwards Aquifer Authority Report 04-01, May 2004, 202 pp.
- 138 Flores, Robert. 1990. Test Well Drilling Investigation to Delineate the Dondip Limits of Usable-Quality Groundwater in the Edwards Aquifer in the Austin Region, Texas: Texas Water Development Board Report 325. 70p.
- 139 Goldman, S. J., K. Jackson, and T. A. Bursztynsky. 1986. Erosion & Sediment Control Handbook. New York, NY: McGraw-Hill Book Company.
- 140 Gray, Donald H. and Andrew T. Leiser. 1989. Biotechnical Slope Protection and Erosion Control. Malabar, Florida : Robert E. Krieger Publishing Company.
- 141 Gregory, S.V., F.J. Swanson, W.A. McKee, and K. W. Cummins. 1991. An ecosystem perspective of riparian zones. *BioScience* 41:540-551.
- 142 Guyton W.F. and Associates. 1964. Report on Barton Springs and associated ground-water conditions with particular reference to possible effects of a proposed sewer line in Barton Creek area, Austin, Texas.
- 143 Guyton, William F., and Associates, 1955. The Edwards Limestone Reservoir, William F. Guyton & Associates, Austin, Texas.
- 144 Hansen, R. 2001. Biologist, City of Austin. Personal communication with Paul Holden, BIO-WEST, Inc., concerning Barton Springs salamander.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 145 Hanson, J.A., and Small, T.A., 1995. Geologic framework and hydrogeologic characteristics of the Edwards aquifer outcrop, Hays County, Texas: U.S. Geological Survey Water-Resources Investigations Report 95-4265, 10 p., 1 pl.
- 146 Harden, R. W. 1968. File memorandum on review of water quality changes in Edwards Reservoir--especially near the bad water line, William F. Guyton & Associates, Austin, Texas.
- 147 Hauwert N.M. Vickers S. 1994. Barton Springs/Edward aquifer hydrogeology and groundwater quality. Austin: Barton Springs/Edward Aquifer Conservation District. TWDB Grant Contract No. 93-483-346.
- 148 Hauwert N.M. 2001. Hydrogeologist for City of Austin Watershed Protection Department. Personal communication with Wes Thompson of BIO-WEST, Inc, Logan, Utah, regarding recharge to the Edwards Aquifer going to Cold Springs. 5/7/2001.
- 149 Hauwert N.M., D.A. Johns, and T.J. Aley. 1998. Preliminary report on groundwater tracing studies within the Barton Creek and Williamson Creek Watersheds, Barton Springs/Edwards Aquifer. Austin: Barton Springs/Edwards Aquifer Conservation District and the COA Watershed Protection Department in cooperation with the Texas Natural Resource Conservation Commission and U.S. Environmental Protection Agency.
- 150 Hauwert N.M., J.W. Samsom, D.A. Johns, and T.J. Aley. 2001. Groundwater tracing study of Barton Springs Segment of the Edwards Aquifer, Southern Travis and Northern Hays Counties, Texas. Austin: Barton Springs/Edwards Aquifer Conservation District and the COA Watershed Protection Department. 105 p. Forthcoming.
- 151 Hauwert, N. M. and S. Vickers. 1994. Barton Springs/Edwards Aquifer Hydrology and Groundwater Quality. Prepared for the Texas Water Development Board by the Barton Springs/Edwards Aquifer Conservation District, September, 1994.
- 152 Hays County. 1997. Department of Environmental. Health. Subdivision Rules, Table 10.1, Effective August 1997. Kyle (TX): Hays County.
- 153 Hillis D. M. 2000. Professor and Department Head, Department of Zoology, University of Texas, Austin. Personal communication with Paul Holden, BIO-WEST, Inc. concerning Barton Springs salamander.
- 154 Hillis D.M., D.A. Chamberlain, T.P. Wilcox, and P.T. Chippendale. 2001. A new species of subterranean blind salamander (plethodontidae:Hemidactyliini: Eurycea: Typhlomolge) from Austin, Texas, and a systematic revision of central Texas paedomorphic salamanders. *Herpetologica* 57(3), 2001, 266-280.
- 155 Horner et al. 1999. "Watershed Determinants of Ecosystem Functioning" in *Effects of Watershed Development and Management Proceedings of Aquatic Ecosystems*. Larry Roesner ed. ASCE, August 4, 1996.
- 156 Hoskings, T., A. Tarquin, M. Richards and C. Woods. 1976. Disposal Related Non-Point Source Analysis. Prepared for the Texas Water Quality Board (now Texas Department of Water Resources).
- 157 Hydroscience. 1976. Water Quality Management Planning for Urban and Industrial Stormwater Needs, Arlington, Texas.
- 158 Johns D. A. and Pope, S. R. 1998. Urban Impacts on the chemistry of shallow groundwater: Barton Creek Watershed, Austin, Texas. *Gulf Coast Association of Geological Societies Transactions*, 48. p.
- 159 Johns, David, and Mike Lyday. 1991. Memo to John Parrish (internal to City of Austin) on Turbidity in Barton Creek, Barton Springs, and Town Lake, 1 May 1991.
- 160 Kurahashi & Associates, Inc. 1997. Port of Seattle, Stormwater Treatment BMP Evaluation. Unpublished report, Seattle (WA): Kurahashi & Associates.
- 161 Lechner, Matthew, 1999. Water quality measures for Barton Springs Zone including 50 ft buffer for streams 5-40 acres in drainage (Draft).
- 162 Lehner, P. H., Clarke, G. P. A., Cameron, D. M., and Frank, A. G. 1999. Stormwater Strategies – Community Responses to Runoff Pollution, National Resources Defense Council, May 1999.
- 163 Leopold, L.B., Wolman, M.G. & Miller, J.P. 1964. *Fluvial Processes in Geomorphology*. W.H. Freeman, San Francisco.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 164 Livingston E., Shaver E. 1997. Institutional Aspects of Urban Runoff Management: A Guide for Program Development and Implementation. Watershed Management Institute, Inc. May 1997.
- 165 Livingston, Penn P. 1958. Recharge to the Edwards Reservoir between Kyle and Austin, William F. Guyton & Associates, Austin, Texas.
- 166 Loomis and Associates. 1996. Waller Creek Flood Management and Water Quality Improvement Study. Prepared for the City of Austin, January 1996.
- 167 Loomis and Moore 1997. Flood Control Needs Assessment Models Study. Prepared for the City of Austin Watershed Protection Program.
- 168 Loomis and Moore. 1999a. Integrated Solutions Development Study Watersheds Master Plan, Phase IV, Task 2.2 Submittal-Draft. Prepared for the City of Austin Watershed Protection Department.
- 169 Loomis and Moore. 1999b. Level II Flood Investigations Report. Prepared for the City of Austin Watershed Protection Department.
- 170 Loomis Austin. 2000. Integrated Solutions Development Study Watershed Master Plan.
- 171 Lower Colorado River Authority. April 1990a. Unpublished Data. Austin, Texas: Lower Colorado River Authority, Environmental Quality Division.
- 172 Lower Colorado River Authority. 1990b. Vegetative and Watershed Hydrology Project: Gloster Bend Resource Area.
- 173 Lower Colorado River Authority. 2000. Northern Hays County drought emergency study. Austin: WaterCo, LCRA. 16 p.
- 174 Lyday, Mike. City of Austin Environmental Quality Specialist. Memo to Nancy McClintock, Division Manager, Environmental Resource Management Division, City of Austin, 25 April 1994.
- 175 MacDonald D.D., C.G. Ingersoll, and T.A. Berger. 2000. Development and evaluation of consensusbased sediment quality guidelines for freshwater ecosystems. Archives of Environmental Contamination and Toxicology 39: 20-31.
- 176 Macpherson, Wendy. 1977. Hydrogeologic Investigation in the Vicinity of Travis County Subdivision, Travis County, Texas Water Quality Board, Report No. GS-27-F.
- 177 Maderak, M.L., J.D. Gordon, and R.N. Mitchell. 1978. Hydrologic Data for Urban Studies in the Austin, Texas Metropolitan Area, 1976, U.S. Geological Survey, 78-457.
- 178 Mahler B.J., Lynch F.L. 1999. Muddy waters: temporal variation in sediment discharging from a karst spring. Journal of Hydrology 214. pp. 165-178.
- 179 Mahler B.J., Van Metre P.C. (U.S. Geological Survey). 2000. Occurrence of soluble pesticides in contaminant transport. Environmental Geology 39. pp 25- 38.
- 180 Mahler B.J., Van Metre P.C. (U.S. Geological Survey). 2000. Occurrence of soluble pesticides in Barton Springs, Austin, Tx., in response to a rain event. Location: <http://tx.usgs.gov/reports/dist/dist-2000-01>. 12 p.
- 181 Mahler B.J., F.L. Lynch, and P.C. Bennett. 1999. Mobile sediment in an urbanizing karst aquifer: implications for contaminant transport. Environmental Geology 39. pp 25- 38.
- 182 Mahler, B.J., P. C. Van Metre, and J.T. Wilson. 2003. Concentrations of Polycyclic Aromatic Hydrocarbons (PAHs) and Major and Trace Elements in Simulated Rainfall Runoff From Parking Lots, Austin, Texas, Open-File Report 2004-1208—ONLINE ONLY; In cooperation with the City of Austin.
- 183 Mahler, Barbara and Phillip Bennett. 1991. The Interaction of Flow Mechanics and Aqueous Chemistry in a Texas Hill Country Grotto, in Proceedings of the Third Conference on Hydrology, Ecology, Monitoring and Management of Ground Water in Karst Terrains, December 4-6, 1991, Nashville, Tennessee. Presented by U.S. EPA and the Association of Ground Water Scientists and Engineers.
- 184 Marco, A., C. Quilchano, and A.R. Blaustein. 1999. Sensitivity to nitrate and nitrite in pond-breeding amphibians from the Pacific Northwest, USA. Environmental Toxicology and Chemistry 18:2836-2839.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 185 Marsh, W.M. and C.M. Woodruff. 1993. "Junipers, Grassland, and Historical Land Use Change in Hill Country Uplands, Central Texas." In C.M. Woodruff, Jr., William M. Marsh, and L.P. Wilding. Soils, Landforms, Hydrologic Processes, and Land-Use Issues--Glen Rose Limestone Terrains, Barton Creek Watershed Travis County, Texas. Society of Independent Professional Earth Scientists. December 1993.
- 186 McCann, M. R. and J. F. Quinlan. 1991. Development of an ASTM Standard guide for the Design of Ground-Water Monitoring systems in Karst and Fractured Rock Terrains, in Proceedings of the Third Conference on Hydrogeology, Ecology, Monitoring and Management of Ground Water in Karst Terrains, December 4-6, 1991, Nashville, Tennessee. Presented by U.S. EPA and the Association of Ground Water Scientists and Engineers.
- 187 McGauhey, P.R. and Krone, R.B. 1967. Soil Mantle as a Wastewater Treatment System, Univ. of California, Sanitary Research Laboratory, Pub. No. 67-11.
- 188 McManus T. 1999. City of Austin Planning Department. Personal communication.
- 189 Menard, J.A., 1995, Bibliography of the Edwards aquifer, Texas, through 1993: U.S. Geological Survey Open-
- 190 Metcalf and Eddy, Inc., 1978. Edward Aquifer Study-Draft Report. Report to the City of San Antonio, Texas.
- 191 Metropolitan Washington Council of Governments. 1991. "A Current Assessment of Urban Best Management Practices: Techniques for Reducing Non-Point Source Pollution in the Coastal Zone." Review Draft. Washington, D.C.: U.S. Government Printing Office.
- 192 Meyer, J.L. 2003. Where Rivers are Born: Ther Scientific Imperative for Defending Small Streams and Wetlands. Sirra Club and American Rivers, September 2003.
- 193 Meyer, J.L., and J.B. Wallace. 2000. Ecology: achievement and challenge. IN: The 41st symposium of the British ecological society. April 10-13, 2000. Orlando, Florida, USA.
- 194 Moorhouse Associates. 2001. Public participation report for LCRA Northern Hays and Western Travis County Water Supply Environmental Impact Study. Prepared for Lower Colorado River Authority, Austin, Texas. Prepared by Moorhouse Associates, Inc. Corpus Christi, Texas.
- 195 Mount, J. Russell, and others. 1967. Reconnaissance Investigation of the Ground- Water Resources of the Colorado River Basin, Texas, Texas Water Development Board, Report 51.
- 196 Muller D.A. 1990. Ground-water evaluation in and adjacent to Dripping Springs, Texas. Austin: Texas Water Development Board. Report 322.
- 197 Murfee Engineering Company. 2000. Analysis of a Low-Density Single Family Subdivision and a Commercial Tract Towards Meeting the U.S. Fish and Wildlife Service September 1, 2000 Recommendations for Protection of Water Quality of the Edwards Aquifer. September 2000.
- 198 North Central Texas Council of Governments. 2000. Texas Nonpoint Source Book. Urban Runoff Management Programs. <http://www.txnps.org>
- 199 Novotny V., Olem H. 1994. Water quality: Prevention, identification, and management of diffuse pollution. New York (NY): VanNostrand Reinhold. 1,054 p.
- 200 Olem, H. and G. Flock, eds. 1990. Lake and Reservoir Restoration Guidance Manual, 2nd edition. Prepared by North American Lake Management Society for U.S. Environmental Protection Agency, Washington D.C.
- 201 Osborne K.G. 2000. A water quality GIS tool for the City of Austin incorporating non point sources and best management practices (Master's thesis]. Austin (TX): University of Texas. 180 p.
- 202 Parkhill, Smith and Cooper, Inc. 1985. Wastewater alternatives for Barton Creek Watershed. April 1985.
- 203 PBS&J. 1999. Northern Hays and Southwestern Travis County Supply Study Phase One of the Stage I Loop Preliminary Engineering Report. Document # 981356. Austin: PBS&J.
- 204 Perry P., Vanderklein E. 1996. Water Quality: Management of a natural resource. Cambridge: Blackwell Science. 587p.
- 205 Personal correspondence with Ali Peet, PBS&J. Location: PBS&J offices, Austin, Texas.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 206 Peterson, Bruce J., et al. 2001. Control of nitrogen export from watersheds by headwater streams. *Science* 292:86-90.
- 207 Pfafkin, et al. 1989. US EPA Rapid Bioassessment Protocols.
- 208 Pipkin, T., and M. Frech. 1993. Barton Springs Eternal. Austin: Softshoe Publishing.
- 209 Platts, W.S. and R.F. Raleigh. 1984. "Impacts of Grazing on Wetlands and Riparian Habitat." In National Research Council/National Academy of Sciences. *Developing Strategies for Rangeland Management*. Boulder, Co.: Westview Press, pp.1105- 1128.
- 210 Porterfield W. 1999. Subdivision Coordinator, Hays County Department of Environmental Health.
- 211 Potter K. W. 1991. Hydrological impacts of changing land management practices in a moderate- sized agricultural catchment. *Water Resources Research* 27: 845-855.
- 212 Price A. 2000. Biologist, Texas Parks and Wildlife Department. Personal communication with Paul Holden of BIO-WEST, Inc. regarding Barton Springs salamander.
- 213 Prince George's County, Maryland. 2000. *Low-Impact Development Design Strategies: An Integrated Design Approach*. Department of Environmental Resources. January 2000.
- 214 Rattner B.A., and A.G. Heath. 1995. Environmental factors affecting contaminant toxicity in an aquatic and terrestrial vertebrates. In: D.I. Hoffman, B.A. Rattner, G.A. Burton, and I. Cairns, editors *Handbook of Ecotoxicology*. Ann Arbor (MI): CRC Press, Inc. pp.519-538.
- 215 Raymond Chan and Associates Inc. 1997a. Final Report, Technical Procedures for the Watershed Erosion Assessments. Prepared for the City of Austin Watershed Protection Department.
- 216 Raymond Chan and Associates, 1997b. *Regulatory Approaches for Managing Stream Erosion*. Prepared for the City of Austin Watershed Protection Department.
- 217 Raymond Chan and Associates, Inc. May 1997-Oct 1997. *Watershed Erosion Assessments for Phase I Watersheds*. Prepared for the City of Austin Watershed Protection Department.
- 218 Raymond Chan and Associates. 1999. *Lower Walnut Creek Erosion Management*
- 219 Reddell, J.R. 2001. Curator of Cave Invertebrates, Texas Memorial Museum, University of Texas at Austin, Personal communication with Paul Holden of BIO-WEST, Inc. concerning collection of Barton Springs salamanders in the 1960s and 1970s.
- 220 Rheinhardt, R., M.Rheinhardt, M. Brinson, and K. Fraser. 1999. Application of reference data for assessing and restoring headwater ecosystems. *Restoration Ecology*. 7:241-251.
- 221 Ross (First name unknown) 1994. Unpublished statistical analysis of Barton Creek data.
- 222 Russell W.H. 1987. Edwards stratigraphy and oil spills in the Austin, Texas area. *The Texas Caver*, April 1987.
- 223 S. EPA Water Quality Office. 1971. *Storm Water Management Model*. Vol. 1. Final Report, July, 1971.
- 224 Santos & Associates / Loomis & Associates. 1995. *Barton Springs Contributing Zone, Retrofit Master Plan Study, Volume II, Assessment of Water Quality*. Austin: COA Environmental and Conservation Services Department.
- 225 Santos & Associates/Loomis & Associates. 1994. *Barton Springs Contributing Zone Retrofit Master Plan Study, Interim Report*, prepared for the City of Austin Environmental and Conservation Services, Dept., May 13, 1994.
- 226 Santos & Associations/Loomis & Associates. 1994. *Draft Final Report Barton Springs Contributing Zone Retrofit Master Plan Study. Vol. II, Assessment of Water Quality*, prepared for the City of Austin Environmental and Conservation Services Dept. December, 1994.
- 227 Santos & Associations/Loomis & Associates. 1995. *Draft Final Report Barton Springs Contributing Zone Retrofit Master Plan Study. Vol. III, Water Quality Retrofit Evaluation*, prepared for the City of Austin Environmental and Conservation Services Dept. March, 1995.
- 228 Santos and Associates and Loomis and Associates. 1995. *Barton Springs Retrofit Master Plan Study Final Report*. Prepared for the City of Austin, Environmental and Conservation Services Department.
- 229 Savoy P. 2001. Engineer, Murphy Engineering. Personal communication with Michael Golden of BIO-WEST concerning conditions at Barton Springs in the 1970s. August 2001.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 230 Scanlon B.R., Mace R.E., Dutton A.R., Reedy R. 2000. Predictions of groundwater levels and spring flow in response to future pumpage and potential future droughts in the Barton Springs Segment of the Edwards Aquifer. Austin: Bureau of Economic Geology. Contract Report UTA99-01.096. 42 p.
- 231 Schueler T.R. 1987. Controlling urban runoff: A practical manual for planning and designing urban BMPs. Washington (D.C.): Metropolitan Washington Council of Governments.
- 232 Schueler, Thomas. 1995. The architecture of urban stream buffers. *Watershed Protection Techniques*. Vol. 1, No. 4. pp. 155-163.
- 233 Schueler T.R. 2001a. Executive Director, The Center for Watershed Protection. Letter to David C. Frederick, Regional Director, Region 2 USFWS. February 26, 2001.
- 234 Schueler, Thomas. 2001b. The Practice of Watershed Protection. A Series of 150 Articles. Center for Watershed Protection. Ellicott City, Maryland 740 pp.
- 235 Schueler, T. R. and H.K. Holland. 2000. "The Importance of Imperviousness," from *The Practice of Watershed Protection*. Center for Watershed Protection. Articles: 1, 66, 141, 52, 55, 57, 61.
- 236 Senger R.K., and C.W. Kreidler. 1984. Hydrogeology of the Edwards aquifer, Austin area, Central Texas. Austin: University of Texas at Austin Bureau of Economic Geology Report of Investigations 141. 35 p.
- 237 Senger, R. K. 1983. Hydrogeology of Barton Springs, Austin, Texas. Master's Thesis, University of Texas, Austin, Texas.
- 238 Silverman G.S. and M.K. Stenstrom. 1988. "Source Control of Oil and Grease in an Urban Area." In Design of Urban Runoff Quality Controls. American Society of Civil Engineers. New York, NY.
- 239 Skovlin, Jon M. 1984. "Impacts of Grazing on Wetlands and Riparian Habitat: A Review of Our Knowledge." In *National Research Council National Academy of Sciences. Developing Strategies for Rangeland Management*. Boulder, Co.: Westview Press, 1984, pp.1001-1103.
- 240 Slade R.M. Jr., M.E. Dorsey, and S.L Stewart. 1986. Hydrology and water quality of the Edwards Aquifer associated with Barton Springs in the Austin, Texas, area. Austin: U. S. Geological Survey. Water-Resources Investigations Report 86-4036.
- 241 Slade R.M. Jr., L.M Ruiz, and D.L. Slagle. 1985. Simulation of the flow system of Barton Springs and associated Edwards Aquifer in the Austin area. Austin: U.S. Geological Survey. Water- Resources Investigations Report 85-4299.
- 242 Slagle, D.L., A.F. Ardis, and R.M.Slade.Jr. 1986. Recharge zone of the Edwards aquifer hydrologically associated with Barton Springs in the Austin area, Texas: U.S. Geological Survey Water-Resources Investigations Report 86-4062, 1 sheet.
- 243 Small T.A., Hanson I.A., Hauwert N.M. 1996. Geologic framework and hydrogeologic characteristics of the Edwards aquifer outcrop (Barton Springs segment), northeastern Hays and southwestern Travis counties, Texas. Austin: U.S. Geological Survey. Water-Resources Investigations Report 96-4306.
- 244 Smith, H. B. 1991. Erosion and Sedimentation Control Methodologies for Construction Activities over the Edwards Aquifer in Central Texas, in *Proceedings of the Third Conference on Hydrogeology, Ecology, Monitoring and Management of Ground Water in Karst Terrains*, December 4-6, 1991, Nashville, Tennessee. Presented by U.S. EPA and the Association of Ground Water Scientists and Engineers.
- 245 Soeur, C. J., J. Hubka, G. Chang, and S. Stecher. 1995. Methods for assessing urban stormwater pollution, In: *Proceedings of Engineering Foundation Conference*, Torno, H. C., ed., American Society of Civil Engineers, New York, 1995.
- 246 Sotir and Associates. 1990. *Geotextile Experiences in the United States in Combination with Soil Bioengineering Technology*. Marietta, GA: Robin B. Sotir and Associates.
- 247 Southeastern Wisconsin Regional Planning Commission. 1991. *Costs of Urban Nonpoint Source Water Pollution Control Measures*. Technical Report Number 31, June, 1991..
- 248 Sproul, O. J., 1975. Virus Movement into Groundwater from Septic Tank Systems. In *Water Pollution Control in Low Density Areas*, ed. W. J. Jewell and R. Swan. University Press of New England. Hanover, New Hampshire.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 249 St. Clair, Ann. 1979. Quality of Water in the Edwards Aquifer, Central Travis County, Texas. Master's Thesis. University of Texas at Austin, May, 1979.
- 250 Stanford, J.A., J.V. Ward. 1988. The hyporheic habitat of river ecosystems. *Nature*, Vol. 335, No. 6185, pp. 64066.
- 251 Stapp-Hamilton and Associates, Inc. 1974. Subsurface Investigation, Property at Loop 360 and Proposed Mo-Pac Boulevard, Austin, Texas. Stapp-Hamilton and Associates, Inc. Austin, Texas.
- 252 Stroud R.H. 1967. Water quality criteria to protect aquatic life: a summary. *American Fisheries Society Special Publication* 4:33-37.
- 253 Tam, W.K. and B.N. Murillo. 1998. Stormwater management of urban watersheds. IN: *Water Resources and the Urban Environment. Proceedings of the 25th annual Conference on water resources planning and management.* American Society of Civil Engineers.
- 254 Taylor, T. U. and E. P. Schoch. 1992. Supplementary Report, Austin City Water Survey, Details of Subterranean Reservoirs, Chemical Compositions of Water, Etc. 28 Aug. 1922.
- 255 Terrene Institute. 1994. Clean Water and Productive Rangelands. April 1994.
- 256 Texas Administrative Code, Title 30, Part 1, Chapter 213. 1996. Austin: Texas Register 12125.
- 257 Texas Air Control Board. 1990. "NADP - Rural Rainfall Quality Data.
- 258 Texas Biological and Conservation Data System (formerly the Texas Natural Heritage Program [TXNHP]), Texas Parks and Wildlife Department (TPWD). 1999a. Special species and natural community data file and TPWD endangered/threatened species data files for the USGS Bee Cave, Texas; Dripping Springs, Texas; and Signal Hill, Texas 7.5 minute quadrangle maps.
- 259 In preparation, Geology and Ground-Water Resources of Travis County, Texas, Texas Department of Water Resources.
- 260 Texas Department of Water Resources. Undated. Design Criteria for Sewage Systems, Austin, Texas.
- 261 Texas Department of Water Resources. 1976. Texas Water Quality Standards.
- 262 Texas Water Commission. 1987. Water Quality Standards for Nutrients in the Lower Colorado River, Final Report, June 15, 1987.
- 263 Texas Natural Resource Conservation Commission. 1988. TNRCC Use Attainability
- 264 Texas Natural Resource Conservation Commission. 1999. Edwards Aquifer Recharge, Transition and Contributing Zone Rules and Regulations, Chapter 213, Subchapters A & B. Rule Log No. 97105-213-WT.
- 265 Texas State Water and Soil Conservation Board. 1991. A Comprehensive Study of Texas Watersheds and Their Impacts on Water Quality and Water Quantity. Temple, Texas, January 1991.
- 266 Texas Water Quality Board (now Texas Department of Water Resources). 1976. Water Quality Study of Barton Creek.
- 267 Tippet, John, et al. 1993. Linking land use to water quality. Research Triangle Institute. Illinois Natural History survey. Technology. September 1993.
- 268 Twidwell, Steve. 1974. Bacteriological Study of Barton Springs, Texas Water Quality Board. Interoffice Memorandum.
- 269 U.S. Department of Agriculture, Natural Resources Conservation Service. 1986. Urban Hydrology for Small Watersheds, TR-55. Washington (D.C.): U.S. Department of Agriculture.
- 270 U.S. Environmental Protection Agency. 1980. Onsite Wastewater Treatment and Disposal Systems. Design Manual, Report No. EPA 625/1-80-012. 392p.
- 271 U.S. Environmental Protection Agency. 1983. Results of the Nationwide Urban Runoff Program, Volume I, Final Report. Washington, D.C.: U.S. Government Printing Office.
- 272 U.S. Environmental Protection Agency. 1986a. Erosion and Sediment Control. Surface Mining in the U.S. Washington, D.C.: U.S. Government Printing Office.
- 273 U.S. Environmental Protection Agency 1986b. Quality Criteria for water. 1986. Washington D.C. U.S. EPA Office of Water Regulations and Standards. Publication No. EPA 440/5-86-001.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 274 U. S. Environmental Protection Agency. 1987a. Storm Water Management Model, Version 4 Manual. Prepared by the University of Florida at Gainesville, April 1987.
- 275 U.S. Environmental Protection Agency 1987b. Alternative Onsite Wastewater Treatment and Disposal Systems on Severely Limited Sites, Project Summary. Washington D.C. EPA Report No. 600-S2-86. 5p.
- 276 U.S. Environmental Protection Agency. 1989. Selecting Priority Nonpoint Source Projects: You Better Shop Around. EPA Technology Transfer Seminar Publication. Washington, D.C.: U.S. Government Printing Office. August 7, 1989
- 277 U.S. Environmental Protection Agency. December, 1991. A Current Assessment of Urban Best Management Practices: Techniques for Reducing Non-Point Source Pollution in the Coastal Zone. Review Draft. Prepared by the Metropolitan Washington Council of Governments for the Office of Wetlands, Oceans, and Watersheds. U.S. Government Printing Office.
- 278 U. S. Environmental Protection Agency. 1993. PA Office of Research and Development, Urban Runoff Pollution Prevention and Control Planning Handbook, September 1993.
- 279 U. S. Environmental Protection Agency. 2000. Drinking Water Standards and Health Advisories. Washington D.C. Office of Water. EPA 822-B-00-001.
- 280 U.S. Fish and Wildlife Service. 1991. Black-capped vireo (*Vireo atricapillus*) recovery plan. Austin: USFWS. 74 p.
- 281 U.S. Fish and Wildlife Service. 1992. Golden-cheeked warbler (*Dendroica chrysoparia*) recovery plan. Austin: USFWS. 74 p.
- 282 U.S. Fish and Wildlife Service. 1994. Recovery plan for endangered karst invertebrates in Travis and Williamson Counties, Texas. Albuquerque, New Mexico. 154 pp.
- 283 U.S. Fish and Wildlife Service. 1995. Threatened and endangered species of Texas. Austin: USFWS.
- 284 U.S. Fish and Wildlife Service. 1996a. Endangered and threatened wildlife and plants; review of plant and animal taxa that are candidates for listing as endangered or threatened species. Federal Register 31(40): 7596-7613.
- 285 U.S. Fish and Wildlife Service. 1996b. Habitat mapping as presented on the endangered species habitat and potential preserve system, Bee Cave, Texas and Signal Hill, Texas USGS 7.5' quadrangles.. Austin: Travis County Transportation and Natural Resources Department, Balcones Canyonlands Conservation Plan.
- 286 U.S. Fish and Wildlife Service. 1997a. Endangered and threatened wildlife and plants; review of plant taxa for listing as endangered or threatened, November. USFWS.
- 287 U.S. Fish and Wildlife Service. 1997b. Endangered and threatened wildlife and plants; Final rule to list the Barton Springs salamander as endangered. 50CFRPart 17:pp. 23,377- 23,391.
- 288 U.S. Fish and Wildlife Service. 1998. Federally listed species of Texas, county by county. July 16,1998. USFWS.
- 289 U.S. Fish and Wildlife Service. 2000. Draft Barton Springs Salamander (*Eurycea sosorum*) Recovery Plan. Albuquerque (NM): USFWS. 108 p.
- 290 U.S. Fish and Wildlife Service. 2001. Draft Biological Opinion on the Environmental Protection Agency's continued Operation of the Construction General Permit in the Barton Springs watershed.. Consultation No. 2-15-F-2001-0437. July 15,2001. Austin: USFWS.
- 291 U.S. Fish and Wildlife Service and National Marine Fisheries Service. 1998. Endangered species consultation
- 292 U.S. Forest Service. 1974. Forest Hydrology. Part II: Hydrologic effects of vegetation manipulation. Missoula (MT): U.S. Forest Service. 229 p.
- 293 U.S. Geological Survey. 1898. Geology of the Edwards Plateau and Rio Grande Plain Adjacent to Austin and San Antonio, Texas with Reference to the Occurrence of Under- ground Waters, U.S. Geological Survey, Eighteenth Annual Report, 1896-1897, Part n, pp. 193-322.
- 294 U. S. Geological Survey. 1995. Hydrologic Data for Urban Studies in the Austin, Texas Metropolitan Area, 1975-1986. Data Files 1987-1995. Prepared in Cooperation with the City of Austin.
- 295 U.S. Geological Survey. 1986. Recharge Zone of the Edwards Aquifer Hydrologically Associated with Barton Springs in the Austin Area, Texas. Water-Resources Investigations Report 86-4062.

REGIONAL WATER QUALITY PLANNING PROJECT AVAILABLE LITERATURE / BIBLIOGRAPHY

- 296 U.S. Geological Survey. 1999. The Quality of our Nation's Waters: Nutrients and Pesticides. USGS Circular 1225. 82 p.
- 297 U.S. Geological Survey. 4/26/01. USGS Water Watch, Stream Gauging Data for Study Area. Location: http://water.usgs.gov/cgi-bin/daily_flow?tx.
- 298 United States Environmental Protection Agency. 1990. Urban Targeting and BMP Selection: An Information and Guidance Manual for State NPS Program Staff Engineers and Managers.
- 299 URS Research Company. 1974. Water Quality Management Planning for Urban Runoff,
- 300 USEPA. 1993. Urban runoff pollution prevention and control planning handbook. EP A 625-R-93- 004. Washington (D.C): Office of Research and Development.
- 301 Van Brummelen T.C., Van Hattum B., Crommentujin T., Kalf D.F. 1998. Bioavailability and ecotoxicity of PAHs. In: A.H. Neilson (editor). The Handbook of Environmental Chemistry, Part J, PAHs and related compounds. Berlin: Springer-Verlag. pp. 201-263.
- 302 Vannote, R.L., G.W. Minshall, K.W Cummins, J.R. Sedell, and C.E. Cushing. C.E. 1980. The river continuum concept. Canadian Journal of Fisheries and Aquatic Sciences 37.
- 303 Van Metre P.C., Mahler B.J, Furlong E.T. 2000. Urban sprawl leaves its PAR signature. Environmental Science and Technology 34(19):4064-4070.
- 304 Veenhuis J.E. and D.G. Gannett. 1986. The effects of urbanization on floods in the Austin metropolitan area, Texas. Austin: U.S. Geological Survey. Water-Resources Investigations Report 86-4069. 66 p.
- 305 Veenhuis J.E., Slade R.M. Jr. 1990. Relation between urbanization and water quality of streams in the Austin area, Texas. Austin (TX): U.S. Geological Survey. Water resources investigations report number 90-4,107. 64 p.
- 306 Veni G., 1991. Geologic controls on cave development and the distribution of cave fauna in the Austin, Texas, Region. San Antonio (TX): George Veni & Associates.
- 307 Veni G., and Associates. 1992. Geological controls on cave development and the distribution of cave fauna in the Austin, Texas, region. Report prepared for U.S. Fish and Wildlife Service, Austin, Texas.
- 308 Village of Bee Springs. 2000. Comprehensive Plan, Ordinance No. 00-08-22-A.Dunkin, Sefko and Associates. Adopted August 22, 2000. Bee Springs (TX): Village of Bee Springs.
- 309 Wadsworth E. (City of Austin). 2001. Landuse updates and Impervious Cover determinations for the Phase II CRWR GIS model, City of Austin, TX. Unpublished paper provided to Chris Sands at BIO- WEST on 2/15/01. Austin: COA. 3 p.
- 310 Walsh, Patrick M., et al. 1997. Use of vegetative controls for treatment of highway runoff. Center For Research In Water Resources. Bureau of Engineering Research. The University of Texas at Austin. J.J. Pickle Research Campus. Austin, Texas.
- 311 Wanakule, Nisai. 1989. Optimal Groundwater Management Models for the Barton Springs/Edwards Aquifer, Edwards Aquifer Research and Data Center, R1-89, San Marcos, Texas, March, 1989.
- 312 Wanakule, Nisai and Roberto Anaya. 1993. A Lumped Parameter Model for the Edwards Aquifer, Texas Water Resources Institute, Texas A & M University, September, 1993.
- 313 Wilding L.P., Woodruff C.M. 1993. Soils and landforms of the central Texas hill country- implications for waste-water application. Proceedings of the on-site wastewater treatment and research conference; Oct 10-12, 1993; Austin, Texas. 19 p.
- 314 Wolfe, W. J., C.J. Haugh, A. Webbers, and T. H. Diehl. 1997. Preliminary Conceptual Models of the Occurrence, Fate, and Transport of Chlorinated Solvent in Karst Regions of Tennessee. Nashville: U. S. Geological Survey. Water-Resources Investigations Report 97-4097. 80 p.
- 315 Wong, S. L. and R. H. McCuen. 1982. "The Design of Vegetative Buffer Strips for Runoff and Sediment Control." In Stormwater Management in Coastal Areas. Tidewater Administration. Department of Natural Resources, Annapolis, Maryland.

REGIONAL WATER QUALITY PLANNING PROJECT
AVAILABLE LITERATURE / BIBLIOGRAPHY

- 316 Woodruff C.M. Jr., W. M. Marsh, and L.P. Wilding. 1993. Soils, landforms, hydrologic processes, and land-use issues: Glen Rose Limestone terrains, Barton Creek watershed, Travis County, Texas. Austin (TX): Society of Independent Professional Earth Scientists. Field report and guidebook. 5 December 1992 (revised January 1993).
- 317 Woodruff, C., L. De La Garza, and F. Snyder. 1989. Lineament and the Edwards Aquifer, B.S. Segment Travis and Hays Counties. Edwards Aquifer Research and Data Center, San Marcos, Texas, in cooperation with the City of Austin.
- 318 Woodward-Clyde Consultants. September, 1986. Methodology for Analysis of Detention Basins for Control of Urban Runoff Quality. Prepared for Office of Water, Nonpoint Source Division, U.S. Environmental Protection Agency.