

**Citations for References Presented by Raymond Slade, Jr. During October 20, 2004
Presentation to the Edwards Aquifer Regional Plan Group**

Reports regarding Barton Springs Water Quality

1. Recent six-page report by Raymond Slade, Jr. about water-quality threats and temporal trends in water quality for Barton Springs and is entitled "Is Barton Springs Polluted". It is online at <http://www.ci.austin.tx.us/watershed/oprslade.htm>
2. City of Austin report documenting water-quality degradation and water-quality temporal trends for Barton Springs. It is referenced as: "Turner, M., 2000, Update of Barton Springs water quality data analysis - Austin, Texas: City of Austin Water Quality Report Series COA-ERM/2000". See PDF file copy listed on web site.

Reports presenting relations between urbanization and water quality

3. USGS report presenting relations between impervious cover and water quality. It is based on extensive database of water samples for 18 large streams in the Austin area. Reference for report is: "Veenhuis, J.E., and Slade, R.M., Jr., 1990, Relation between urbanization and water quality of streams in the Austin area, Texas: U.S. Geological Survey Water-Resources Investigations Report 90-4107, 64 p.". It is presented online at: [http://onlinepubs.er.usgs.gov/lizardtech/iserv/browse?cat=WRI&item=/wrir_90_4107.djvu&style=simple/view-html.xsl&wid=750&hei=600&props=img\(Name,Description\)&page=1](http://onlinepubs.er.usgs.gov/lizardtech/iserv/browse?cat=WRI&item=/wrir_90_4107.djvu&style=simple/view-html.xsl&wid=750&hei=600&props=img(Name,Description)&page=1)
4. Large City of Austin report presenting relations between impervious cover and water quality for mostly small basins in Austin. Reference for report is "City of Austin, 1990, Stormwater pollutant loading characteristics for various land used in the Austin area: Environmental and Conservation Services Department, City of Austin".
5. Recent City of Austin 3-page report presenting statistical comparisons between impervious cover and water quality for sites in Austin. It is entitled "Analysis of City of Austin EII dataset containing both biological and chemical parameters collected at 175 sites from 1996-2002 versus impervious cover".
6. Recent four-page summary report prepared by Raymond Slade. It is entitled "Relations between urbanization and water quality and effects of runoff controls on water quality in Austin Texas". It was handed out at the meeting.

Reports presenting information about BMPs

Report number 6 above contains information about BMPs.

7. Recent four-page report prepared by Raymond Slade, Jr. It is entitled “Perspectives on the effectiveness of runoff filtering systems on the Edwards Aquifer Recharge Zone”. It was handed out at the meeting.

8. USGS report presenting removal efficiency of BMP at Barton Creek Square Shopping Center entitled “Effects of runoff controls on the quantity and quality of urban runoff at two locations in Austin Texas”. Report can be downloaded at <http://pubs.er.usgs.gov/pubs/wri/wri874004> .

Reports about Septic Systems on the Edwards Aquifer

9. Thesis report prepared by Ann St. Clair for Geology Department of University of Texas at Austin. It concludes that no evidence of contamination from septic systems could be found in the Edwards aquifer in the Rollingwood area. It is referenced as “St. Clair, A. E., 1979, Quality of water in the Edwards Aquifer, Central Travis County, Texas: Austin, University of Texas unpublished M.S. thesis, 95 p.

10. Large report (100+ pages) referenced as “Espey, Huston, and Associates, Inc., 1985, Data report septic loadings to Lake Travis and Lake Austin: Document no. 85782 prepared for Lower Colorado River Authority and Texas Department of Water Resources”.

Report presenting evapotranspiration rate for Edwards aquifer.

11. Seven-page report documents large evapotranspiration rates for Edwards aquifer. It is referenced as: “Woodruff, C.W., Jr., 1984, Water budget analysis for the area contributing recharge to the Edwards aquifer, Barton Springs segment: in Woodruff, C.M., Jr., and Slade, R.M., Jr., eds., Hydrogeology of the Edwards aquifer-Barton Springs segment: Austin Geological Society Guidebook no. 6, p. 36-42.