

APPENDIX D

SOLE SOURCE AQUIFER DOCUMENTATION



<http://www.epa.gov/region04/water/groundwater/r4ssa.html>

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Region 4: Ground Water Protection

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Sole Source Aquifers in the Southeast

The Environmental Protection Agency (EPA) defines a sole source aquifer as an underground water source that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. These areas have no alternative drinking water source(s) that could physically, legally, and economically supply all those who depend upon the aquifer for drinking water.

The [Sole Source Aquifer Program](#) is authorized by Section 1424(e) of the Safe Drinking Water Act of 1974. Designation of an aquifer as a sole source aquifer provides EPA with the authority to review federal financially assisted projects planned for the area to determine their potential for contaminating the aquifer.

Federally funded projects reviewed by EPA under the Sole Source Aquifer Program may include, but are not limited to, highway improvements and new road construction, public water supply wells, transmission lines, wastewater treatment facilities, construction projects involving disposal of storm water, and agricultural projects involving management of animal waste. Proposed projects that are funded entirely by state, local, or private concerns are not subject to EPA review.

Sole Source Aquifers in the Southeast

EPA has designated three sole source aquifers that are entirely or partially within Region 4:

- [Biscayne Aquifer](#) in south Florida
- [Southern Hills Regional Aquifer System](#) in eastern Louisiana and southwestern Mississippi
- [Volusia-Floridan Aquifer](#) in east-central Florida.

Approximate Boundaries of Region 4 Sole Source Aquifers

Biscayne Sole Source Aquifer & Recharge Zones

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