

## RIR Ordinances

### **Environmental Resources – see also [www.gaepd.org](http://www.gaepd.org)**

1. Buffers
  - a. EPA Model Ordinance
    - i. <http://www.epa.gov/owow/nps/ordinance/mol1.htm>
  - b. Baltimore, MD – language specifying the expansion of buffers for erodible soils or steep slopes
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/A2a-Baltimore.pdf>
  - c. Camden County, GA – Article 9 Environmental Protection
    - i. <http://www.co.camden.ga.us/DocumentView.aspx?DID=1610>
  - d. Rhode Island Coastal Zone Program – buffers in coastal region
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/A2b-RhodeIsland.pdf>
  - e. Napa, CA – preservation of native vegetation
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/a2c-napa.pdf>
2. Drinking Water
  - a. EPA Surface Water Model Ordinance
    - i. <http://www.epa.gov/owow/nps/ordinance/mol7.htm#surfacewater>
  - b. Westin, WI – protects water quality in wells by prohibiting land uses that would pose a risk
    - i. [http://www.epa.gov/owow/nps/ordinance/documents/weston\\_wi.pdf](http://www.epa.gov/owow/nps/ordinance/documents/weston_wi.pdf)
3. Erosion and Sedimentation Control
  - a. EPA Model Ordinance
    - i. <http://www.epa.gov/owow/nps/ordinance/mol2.htm>
  - b. Minneapolis, MN – strict ordinance as to types of sites that must submit sediment control plans
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/B2a-Minneapolis.pdf>
  - c. Olympia, WA – regulating clearing and grading separately from erosion and sediment control
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/B2b-Clearing.pdf>
  - d. South Natural Resources District, NE – Inspection checklist that can help officials and contractors effectively maintain erosion and sediment control measures
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/B2c-ErosionChecklist.pdf>
  - e. Indiana Department of Natural Resources – small site design
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/B2d-Indiana.pdf>
  - f. See Grand Traverse County, MI under Stormwater Control for operation and maintenance provisions
  - g. Center for Watershed Protection – post-construction stormwater model ordinance
    - i. [http://www.cwp.org/Resource\\_Library/Model\\_Ordinances/index.htm](http://www.cwp.org/Resource_Library/Model_Ordinances/index.htm)
4. Floodplain Protection
  - a. GA Floodplain Management Office Model Ordinances
    - i. Flood Damage Prevention Model Ordinance – Coastal:  
[http://www.gaepd.org/Files\\_PDF/techguide/wpb/GAEPD\\_Flood\\_Damage\\_Prevention\\_Ordinance\\_Coastal\\_Model\\_Y2008.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/GAEPD_Flood_Damage_Prevention_Ordinance_Coastal_Model_Y2008.pdf)
    - ii. Flood Damage Prevention Model Ordinance – Riverine:  
[http://www.gaepd.org/Files\\_PDF/techguide/wpb/GAEPD\\_Flood\\_Damage\\_Prevention\\_Ordinance\\_Riverine\\_Model\\_Y2008.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/GAEPD_Flood_Damage_Prevention_Ordinance_Riverine_Model_Y2008.pdf)
    - iii. Metropolitan North GA Water Planning District:  
[http://www.gaepd.org/Files\\_PDF/techguide/wpb/Flood\\_Damage\\_Prevention\\_Ordinance\\_MNGW\\_PD\\_Feb2006.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/Flood_Damage_Prevention_Ordinance_MNGW_PD_Feb2006.pdf)
  - b. Floodplain Management in GA Quick Guide – reference guide for local officials and persons involved in floodplain determination, enforcement and review that references the requirements of the National Flood Insurance Program and basic techniques of floodplain management.
    - i. [http://www.gaepd.org/Files\\_PDF/techguide/wpb/GAQG2009\\_ScreenView.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/GAQG2009_ScreenView.pdf)

## 5. GA Green Growth Guidelines

- a. Site Fingerprinting Using GIS/GPS Technology - <http://crd.dnr.state.ga.us/assets/documents/GGG1.pdf>
- b. Designing with the Landform – Principles, Impervious Cover, Native Vegetation and Soils: <http://crd.dnr.state.ga.us/assets/documents/GGG2A.pdf>
  - i. Designing with the Landform – Wetlands, Streams, Wildlife Habitat, Buffers, Greenspace: <http://crd.dnr.state.ga.us/assets/documents/GGG2AA.pdf>
  - ii. Designing with the Landform – Street and Parking Design, Lot Development, Stormwater Management, Design Comparison: <http://crd.dnr.state.ga.us/assets/documents/GGG2B.pdf>
  - iii. Designing with the Landform Exhibits – Designs: Conventional, Community Preserve, Village: <http://crd.dnr.state.ga.us/assets/documents/GGG2E.pdf>
  - iv. Designing with the Landform – Development Types: <http://crd.dnr.state.ga.us/assets/documents/GGG2C.pdf>
  - v. Designing with the Landform – Comparison Model Site Plan: <http://crd.dnr.state.ga.us/assets/documents/GGG2CC.pdf>
  - vi. Designing with the Landform – Revenue and Cost Analysis: <http://crd.dnr.state.ga.us/assets/documents/GGG2D.pdf>
- c. Low Impact Development and Stormwater Management – Natural Processes for Stormwater Management: <http://crd.dnr.state.ga.us/assets/documents/GGG3.pdf>
  - i. Low Impact Development and Stormwater Management – Stormwater Practices: Ponds, Wetlands, Bioretention, Infiltration: <http://crd.dnr.state.ga.us/assets/documents/GGG3B.pdf>
  - ii. Low Impact Development and Stormwater Management – Stormwater Practices: <http://crd.dnr.state.ga.us/assets/documents/GGG3BBB.pdf>
  - iii. Low Impact Development and Stormwater Management – Stormwater Practices: Filtration, Green Roofs, Permeable Paving, Oil Grit Separator: <http://crd.dnr.state.ga.us/assets/documents/GGG3C.pdf>
- d. Streambank Stabilization – Erosion, Channels, Zones, Bioengineering and Vegetation Practices: <http://crd.dnr.state.ga.us/assets/documents/GGG4.pdf>
  - i. Streambank Stabilization – Temporary Reinforcement: Coir Rolls & Fiber Mats, Permanent Reinforcement: Synthetic Solutions: <http://crd.dnr.state.ga.us/assets/documents/GGG4B.pdf>
  - ii. Streambank Stabilization – Pole Plantings, Brush Layering, Contour Wattling: <http://crd.dnr.state.ga.us/assets/documents/GGG4C.pdf>
  - iii. Streambank Stabilization – Contour Wattling, Brush Trench, Rock Rolls, Vegetated Gabions and Cribwalls: <http://crd.dnr.state.ga.us/assets/documents/GGG4D.pdf>
  - iv. Streambank Stabilization – Cribwalls, Revetments, Bendway Wiers and Low Sills: <http://crd.dnr.state.ga.us/assets/documents/GGG4E.pdf>

## 6. Ground Water

- a. EPA Groundwater Model Ordinance
  - i. <http://www.epa.gov/owow/nps/ordinance/mol7.htm>
- b. Stratham, NH – aquifer protection, includes cap on impervious surface to promote recharge
  - i. [http://www.epa.gov/owow/nps/ordinance/documents/stratham\\_nh.pdf](http://www.epa.gov/owow/nps/ordinance/documents/stratham_nh.pdf)
- c. Hernando County, FL – protect aquifer with a zone protection system based on location and time of travel for groundwater
  - i. [http://www.epa.gov/owow/nps/ordinance/documents/hernando\\_fa.pdf](http://www.epa.gov/owow/nps/ordinance/documents/hernando_fa.pdf)
- d. Salt Lake City, UT – uses protection zones based on time of travel and addresses use of septic systems within the zones
  - i. [http://www.epa.gov/owow/nps/ordinance/documents/salt\\_lake\\_city.pdf](http://www.epa.gov/owow/nps/ordinance/documents/salt_lake_city.pdf)

## 7. Marshland/Wetlands

- a. GA Coastal Marshland Protection Document
  - i. <http://crd.dnr.state.ga.us/assets/documents/GCMP.pdf>

- b. Center for Watershed Protection – Ordinance to protect wetland functions
      - i. [http://www.cwp.org/Resource\\_Library/Model\\_Ordinances/index.htm](http://www.cwp.org/Resource_Library/Model_Ordinances/index.htm)
- 8. Open Space Development (cluster development)
  - a. EPA Model Ordinance
    - i. <http://www.epa.gov/owow/nps/ordinance/mol3.htm>
  - b. Calvert County, MD – mandatory open space preservation
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/calvertcty.pdf>
  - c. Montgomery County, PA – requires preservation of open space in some districts
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/montgoco.pdf>
  - d. Hamburg Township, MI – incorporates commercial uses
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/C2c-Hamburg.pdf>
- 9. Stormwater Control and Maintenance
  - a. Georgia Stormwater Management Manual
    - i. <http://www.georgiastormwater.com/>
  - b. Coastal Stormwater Supplement to the GA Stormwater Management Manual
    - i. <http://www.georgiastormwater.com/>
  - c. EPA Model Ordinance
    - i. <http://www.epa.gov/owow/nps/ordinance/mol4.htm>
  - d. Grand Traverse County, MI – operation and maintenance for stormwater and erosion and sedimentation control
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/D2a-GrandTraverse.pdf>
  - e. Albemarle County, VA – maintenance agreement that makes property owner responsible for maintenance
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/D2b-Ablemarle.pdf>
  - f. Montgomery County, MD – ensures ample space provided for inspection and maintenance
    - i. <http://www.epa.gov/owow/nps/ordinance/documents/d2c-row.pdf>
- 10. Wastewater
  - a. Design Guidelines for Water Reclamation and Urban Water Reuse
    - i. [http://www.gaepd.org/Files\\_PDF/techguide/wpb/reuse.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/reuse.pdf)
  - b. Constructed Wetlands Municipal Wastewater Treatment Facilities Guidelines
    - i. [http://www.gaepd.org/Files\\_PDF/techguide/wpb/cwguide.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/cwguide.pdf)
  - c. Domestic Wastewater Systems Planning
    - i. [http://www.gaepd.org/Files\\_PDF/techguide/wpb/domestic.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/domestic.pdf)
  - d. Guidelines for Slow Rate Land Treatment of Wastewater
    - i. [http://www.gaepd.org/Files\\_PDF/techguide/wpb/LAS\\_Guidelines\\_2006.pdf](http://www.gaepd.org/Files_PDF/techguide/wpb/LAS_Guidelines_2006.pdf)

**Cultural Resources – see also [www.gashpo.org](http://www.gashpo.org)**

- 1. Certificate of Appropriateness
  - a. Athens, GA – sample COA application
    - i. [http://www.acplanning.com/user\\_files/1239994904\\_COAApplication.pdf](http://www.acplanning.com/user_files/1239994904_COAApplication.pdf)
- 2. Design Guidelines
  - a. Madison, GA – design guidelines used by HPC and the City of Madison
    - i. <http://www.madisonga.com/4/documents/20228.pdf>
  - b. Savannah Victorian District
    - i. <http://www.thempc.org/documents/HistoricPreservation/DesignManuals/Victorian%20District%20Design%20Manual.pdf>
- 3. Design Review
  - a. Athens, GA – application for conceptual preliminary design review

- i. [http://www.acplanning.com/user\\_files/1239995086\\_ConceptualCOA.pdf](http://www.acplanning.com/user_files/1239995086_ConceptualCOA.pdf)
4. General Historic Preservation/Creation of HPC
  - a. GA Historic Preservation Act (O.C.G.A. §44-10-20 et seq.)
  - b. DCA Model Code
    - i. <http://www.dca.ga.gov/development/PlanningQualityGrowth/programs/documents/Part9dHistoricPreservation.pdf>
  - c. Chatham County, GA – historic preservation ordinance
    - i. <http://www.thempc.org/documents/CCHPC/CHATHAM%20COUNTY%20HISTORIC%20PRESERVATION%20ORDINANCE%20REVISED%202-27-09.pdf>
5. Historic District Designation
  - a. Pin Point Chatham County, GA – establishes district and sets forth basic design standards
    - i. <http://www.thempc.org/documents/CCHPC/Pin%20Point%20Historic%20District%20Ordinance.pdf>
  - b. Savannah, GA – establishes Savannah historic district, discusses relationship to zoning, design standards, visual compatibility, Certificates of Appropriateness, appeals and variances
    - i. <http://www.thempc.org/Administrative/Zoning/City/Sec.%208-3030,%20Historic%20District%20REVISED%2012.3.pdf>
6. Material Treatment Guidelines
  - a. Secretary of the Interior's Standards – nationally accepted standards for restoration work; to receive preservation tax credits, rehabilitations must be done consistently with these standards
    - i. <http://www.nps.gov/history/hps/tps/standguide/?http%3a%2f%2fwww.nps.gov%2fhistory%2fhps%2ftps%2fstandguide%2f>