

How We Provide Public Infrastructure

GOAL 4A: PROVIDE, OR CAUSE THE PROVISION OF, SAFE AND ENVIRONMENTALLY SOUND SANITARY SEWER FACILITIES

Objective 4.1: Coordinate With Providers of Centralized Sanitary Sewer Systems to Ensure Adequate Facility Capacity Exists to Serve Development.

Policy 4.1.1: The County will ensure adequate sanitary sewer facilities are permitted at the time of issuance of a certificate of occupancy. The Towns of Esto, Noma, Ponce De Leon, and Westville will review development proposals against local service capacities at the time of development order review.

Policy 4.1.2: If service is available, connection to a centralized sewage treatment facility is required when the development is within one-thousand (1,000) feet of an existing and operating pipeline. If the project site is within the Mixed Use Urban Future Land Use category, connection to a centralized sanitary sewer system is required.

Policy 4.1.3: Any public improvements planned or otherwise determined necessary to provide services to existing or planned developments shall be included in the Capital Improvements Plan.

Policy 4.1.4: The level of service standard adopted herein shall be used as the criteria to measure the available supply and capacity of the potable water and/or sanitary sewer systems(s), and shall, in consultation with the applicable water supplier, be used to determine if improvements are necessary to accommodate new development.

Policy 4.1.5: The Level of service standards for sanitary sewer services shall be as follows, and shall be deemed at capacity at eight-five (85) percent of facility capacity:

Esto: 90% of projected water usage.

Noma: 90% of projected water usage.

Ponce De Leon: 90% of projected water usage.

Westville: 90% of projected water usage.

Policy 4.4.6: Adequate sanitary sewer supply shall be in place and available to serve new development no later than the issuance by the local government of a certificate of occupancy.

Policy 4.1.7: Development within unincorporated Holmes County shall be required to connect to a municipal system pursuant to Policy 4.1.2. The Holmes County level of service standard is otherwise considered met with a permitted on-site sanitary sewage disposal system as permitted by the Department of Health, permitted package plant, or other permitted wastewater treatment facility.

Policy 4.1.8: The use of effluent reuse is encouraged, where appropriate. These waters may be used for industrial and landscaping uses to offset potable water demand, and for recharging the aquifer following additional and appropriate treatment such as that provided by infiltrating wetlands.

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Policy 4.1.9: Spray irrigation sites shall incorporate perennial vegetation as a primary crop. All approved sites for spray irrigation shall be subject to approval of a permit by Holmes County. At minimum, criteria used to assess these facilities shall include the provision of sufficient land area for direct application, the incorporation of perennial vegetation as a primary crop, buffers from adjacent land areas, and emergency sites for adverse weather conditions.

Policy 4.1.10: Surface water runoff resulting from spray irrigation that impacts groundwater or surface water shall not violate applicable federal, state, regional, water management districts, or other local water quality standards.

GOAL 4B: PROVIDE, OR CAUSE THE PROVISION OF, SAFE AND ENVIRONMENTALLY SOUND POTABLE WATER FACILITIES

Objective 4.2: Coordinate With Providers of Centralized Potable Water Facilities to Ensure Safe and Adequate Water Capacity will be Available to Serve Future Development and Residents.

Policy 4.2.1: All existing and proposed potable water wellfields used for public consumption shall incorporate a minimum five-hundred (500) foot perimeter for the protection of groundwater and potable water. This area is the Well Head Protection Area as defined in Policy 7.8.3.

Policy 4.2.2: All providers of potable water shall meet or exceed applicable federal, state, regional, water management district, and local water quality standards.

Policy 4.2.3: Any public improvements planned or otherwise determined necessary to provide services to existing or planned developments shall be included in the Capital Improvements Plan.

Policy 4.2.4: If service is available, connection to a centralized potable water system is required when the development is within one-thousand (1,000) feet of an existing and operating pipeline. If the project site is within the Mixed Use Urban Future Land Use category, connection to a centralized potable water system is required.

Policy 4.2.5: Review of proposed development shall be required to meet the following level of service standards, and shall be deemed at capacity at eight-five (85) percent of facility capacity:

Esto: 55 gallons per capita per day (gpcpd)

Noma: 50 gpcpd

Ponce De Leon: 135 gpcpd

Westville: 81 gpcpd

Policy 4.2.6: Adequate water supplies shall be in place and available to serve new development no later than the issuance by the local government of a certificate of occupancy.

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Policy 4.2.7: Development within unincorporated Holmes County shall be required to connect to a municipal system pursuant to Policy 4.1.3. The Holmes County level of service standard is otherwise considered met with a permitted on-site well.

GOAL 4C: PROVIDE, OR CAUSE THE PROVISION OF, SAFE AND ENVIRONMENTALLY SOUND SOLID WASTE COLLECTION AND DISPOSAL SERVICES

Objective 4.3: Provide Clean, Efficient, Economical, and Environmental Sound Management of Solid Waste Resources.

Policy 4.3.1: The solid waste level of service for Holmes County and the Towns of Esto, Noma, Ponce De Leon and Westville is the availability of disposal capacity of the remaining life of the Springhill Regional Landfill, or other landfills which receive solid waste from Holmes County. This shall be determined as at capacity with only five (5) years remaining of permitted life.

Policy 4.3.2: All privately owned landfills, including C&D landfills, must ensure proper disposal methods and protection of natural resources including groundwater.

Policy 4.3.3: Solid waste disposal systems shall be designed to prevent air, water, and soil pollution and danger to public health and safety.

Policy 4.3.4: The use of land, water, or air for uncontrolled disposal of any waste is prohibited.

- a) This policy does not preclude the proper use of manure, mulching, or composting of yard waste, or regulated use of biosolids for land application.

Policy 4.3.5: Any land based solid waste disposal system, including C&D landfills, shall provide for the eventual closure and reuse of the site.

Policy 4.3.6: Holmes County shall continue the usage of the recycling center to prevent unnecessary usage of a landfill.

Policy 4.3.7: Additional waste reduction strategies shall include reuse, prevention, source reduction, and biological disposition.

Policy 4.3.8: The County and the Towns of Esto, Noma, Ponce De Leon and Westville shall pursue available federal or state grants and funding to maintain and promote expansion of the County's recycling program.

Policy 4.3.9: All household hazardous waste storage, handling, and disposal within Holmes County shall be conducted in accordance with local, state, and federal regulations.

Policy 4.3.10: Holmes County shall plan for collecting household hazardous waste as part of the County's overall storm debris management plan. Household hazardous waste will be collected

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from temporary storm debris disposal sites where such waste has been separated from other storm debris materials.

Policy 4.3.11: Illegal dumping and littering shall be controlled through enforcement of regulations prohibiting such actions. The Holmes County Sheriff's Office, the Florida Department of Environmental Protection, and the Florida Fish and Wildlife Conservation Commission may be utilized to assist with enforcement of these actions.

GOAL 4.D: PROVIDE, OR CAUSE THE PROVISION OF, ADEQUATE STORMWATER MANAGEMENT SYSTEMS AND FACILITIES

Objective 4.4: Establish Stormwater Water Quantity Standards.

Policy 4.4.1: By 2028, work with the municipalities to conduct a Comprehensive Stormwater Master Plan. Accordingly, the County and each of the towns shall annually earmark funds and actively seek grant monies to fund this Plan. The Plan shall include:

- a) An inventory of existing facilities, both public and private;
- b) Identification of correction of deficiencies;
- c) Erosion and sediment control programs; and,
- d) Water quality improvement strategies.

Policy 4.4.2: Holmes County and the respective towns shall consider a program to ensure periodic inspection and routine maintenance of privately owned and community stormwater management facilities.

Policy 4.4.3: Projects to retrofit stormwater management facilities shall be prioritized by population served, vehicle traffic counts, quality and use of receiving waters, and ability of the facility to handle existing flows.

Policy 4.4.4: Deficient stormwater management and drainage facilities shall be upgraded in accordance with Chapter 62-25 Florida Administrative Code (FAC) and any applicable federal, state, and regional agencies.

Policy 4.4.5: No development order shall be issued for new development which will result in an increase in demand on deficient facilities unless one of the following criteria are met:

- a) The necessary facilities are under construction at the time a development permit is issued and will be completed when the impacts of development occur; or
- b) The necessary facilities are guaranteed in an enforceable development agreement;

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- c) The development is limited to pre-development contributions to the capacity of the existing facility or facilities in cases where upgrading of existing facilities would create adverse stormwater impacts to adjacent or downstream properties.

Policy 4.4.6: Revenue sources shall be pursued, including state and federal funding, for correcting deficiencies in stormwater management facilities and for designing, constructing and operating regional master stormwater management facilities.

Policy 4.4.7: Low Impact Design stormwater facilities shall be preferred systems for stormwater management.

Policy 4.4.8: Review of proposed development shall be required to meet the following level of service standards:

Retention basins: (no positive outfall) 100 year/critical-duration storm or applicable Water Management District standards, whichever is greater.

Detention basins: 25 year/critical duration storm attenuation pre versus post analysis with 100 year/critical-duration storm routing analysis (emergency pass-through check).

Storm sewer systems: 10-year storm event

Outfall ditches: 25-year storm event

Cross drains: (offsite flow pass throughs) 50-year storm event

Bridges: 100-year storm event.

Objective 4.5: Establish Water Quality Standards.

Policy 4.5.1: To ensure water quality and flood protection, new development shall provide facilities designed to control and treat stormwater runoff at the following standards:

- a) For residential development, the base floor shall be one foot above the 100 year/critical-duration storm elevation.
- b) For non-residential development, the base floor shall be one foot above the 100 year/critical-duration storm elevation or the development shall utilize flood resistance construction.

Policy 4.5.2: Construction activities within the 100 year floodplain shall conform to the National Flood Insurance Program, and shall meet or exceed Chapter 65-25 FAC and other federal, state, regional, and water management district regulations in effect on the date the development is reviewed for approval.

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Policy 4.5.3: Stormwater that directly discharges into an Outstanding Water shall include an additional level of treatment as specified in Chapter 62-25 FAC.

Policy 4.5.4: New stormwater management systems which receive stormwater from areas which are a potential source of oil and grease contamination shall include a baffle, skimmer, grease trap, pre-treatment basin or other mechanism suitable for preventing oil and grease from leaving the stormwater management system in concentrations that would cause violations of water quality standards in the groundwater or receiving waters.

GOAL 4E: PROTECT THE NATURAL FUNCTIONS OF GROUNDWATER AQUIFER RECHARGE AREAS

Objective 4.6: Protect the Dougherty Karst Groundwater Region of Holmes County.

Policy 4.6.1: To create an incentive for the protection of the groundwater flow system of the Dougherty Karst Groundwater Region within Holmes County, the Holmes County Board of County Commissioners shall work with the Property Appraiser's office to examine the creation of a High-Water Recharge Protection Tax Assessment Program.

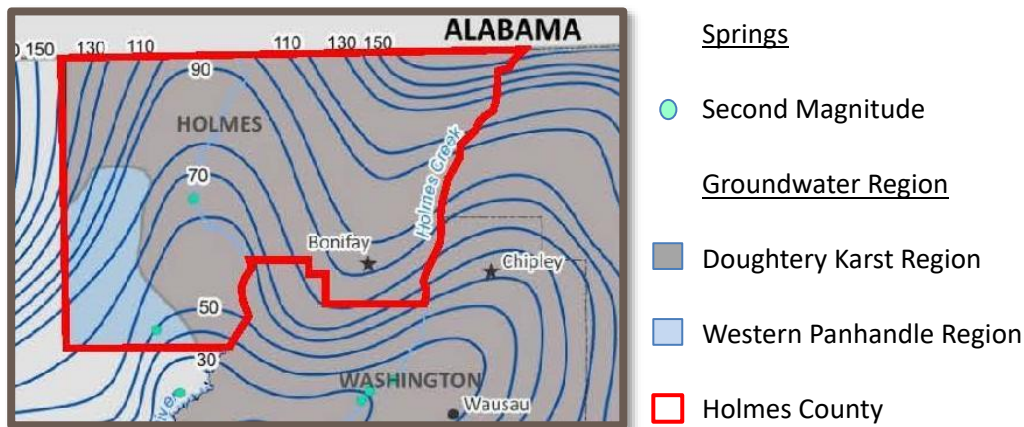


Figure source: Northwest Florida Water Management District Water Supply Assessment, 2018, pg. 51, Figure 36 *Potentiometric Surface of the Floridan Aquifer and Groundwater Regions in Region IV*

Policy 4.6.2: New development shall protect and/or create vegetated areas to provide natural pervious surfaces for aquifer recharge. This area shall be considered open space for the purposes of site and development review.

Policy 4.6.3: Land uses that discharge substances that have the potential of infiltrating and degrading the quality of groundwater are prohibited.

Policy 4.6.4: Assistance and cooperation shall be provided to the appropriate agencies for the identification of potential hazardous storage sites and/or underground storage facilities to eliminate or reduce potential contamination sources.