

**A. POTABLE WATER AND GROUNDWATER RECHARGE WATER
SUB-ELEMENT**

GOAL I-1: STRIVE TO PROVIDE HIGH QUALITY POTABLE WATER TO CURRENT AND FUTURE RESIDENTS AND VISITORS.

Objective I-1.1 — ~~Water Supply Planning~~

~~Walton County shall develop and maintain a Water Supply Facilities Work Plan (Work Plan) for a ten year planning periods, addressing traditional and alternative water supply sources, facilities, and issues necessary to serve existing and future development within the jurisdiction of Walton County in compliance with the Northwest Florida Water Management District *Regional Water Supply Plan, 2000. (Update September, 2006) Consistent with the NFWFMD District Water Supply Plan, the County will maintain an inventory of existing public facilities in its Water Supply Facilities Work Plan, Walton County Planning Department, adopted July 13, 2010, which is incorporated herein by reference. The inventory shall provide capacities for all public facilities and services consistent with the adopted level of service standards adopted herein, and shall identify any deficiencies.*~~

~~The Work Plan will be based on a long term strategy that incorporates the following components:~~

- ~~1. Continue to implement and expand effective water conservation measures~~
- ~~2. Optimize the efficient use of fresh groundwater from the Floridan aquifer~~
- ~~3. Interconnect systems to create regional flexibilities and efficiencies~~
- ~~4. Encourage and support the beneficial use of reclaimed water~~
- ~~5. Consider aquifer recharge projects in areas of greatest benefit~~
- ~~6. Encourage and support the expansion of reuse distribution facilities for irrigation and other beneficial uses~~
- ~~7. Encourage and support the development of additional alternative water supply sources, e.g. surface water, for potable supply and non-potable augmentation~~
- ~~8. Investigate additional management and supply options, e.g. aquifer storage and recovery, reservoir storage, and stormwater reuse~~

~~Policy I-1.1.1 — The Work Plan shall be consistent with the potable water level-of-service (LOS) standards established in Policies 1.4.1-1.4.7.~~

~~Policy I-1.1.2 — The Work Plan identifies traditional and alternative water supply sources, including water conservation, water rate increases, system interconnections, and reuse facilities that the utility providers will use to meet existing and projected water demands county wide.~~

~~Policy I-1.1.3 — The Work Plan shall be updated at least every 5 years, but no later than 18 months following adoption of the NFWFMD's Regional Water Supply Plan updates.~~

~~Policy I-1.1.4 — The Work Plan shall be used to prioritize and coordinate the~~

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~~expansion and improvement of facilities used to withdraw, transmit, treat, store, and distribute potable water to meet current and future needs within the County's service areas.~~

~~Policy I-1.1.5 ———— Walton County shall establish and maintain, at a minimum, a 5-year schedule of capital improvements for the improvement, extension and/or increase in capacity of traditional and alternative water supply facilities and system components, both capacity and non-capacity related. The schedule of capital improvements for water supply facilities shall be updated annually and be consistent with the ongoing schedule in the Work Plan.~~

- ~~1. Walton County's capacity related strategy and capital improvement projects for traditional water supply facilities are summarized in the Capital Improvement Element. These projects and project components, including estimated costs and funding sources, are adopted in the Capital Improvements Element as part of the 5-year schedule of capital improvements.~~
- ~~2. Development of Walton County's reclaimed water system is a critical component of the County's water supply strategy.~~
- ~~3. Development of alternative water supply projects is a critical component of the County's water supply strategy and necessary to meet future water demands. Walton County will coordinate with providers to seek alternative water supply projects.~~

Matrix Analysis Comment: Removed to acknowledge that the County has already adopted a Water Supply Facilities Work Plan that needs to be updated for 10 year planning periods. Removed redundant and unnecessary language.

Objective I-1.2—Objective I-1.1: Coordinate Water Supply Planning with the Utility Providers and the Regional Water Supply Plan Developed by the Northwest Florida Water Management District.

Policy I-1.1.1: When updating the Water Supplies Facilities Work Plan, Walton County shall identify, investigate, and utilize any technically, environmentally, and economically feasible traditional or alternative sources of water that may be used to meet existing and future water demands.

Policy I-1.1.2: Walton County shall review the Water Supply Facilities Work Plan (Work Plan) within 18 months of any update to the Regional Water Supply Plan to identify system deficiencies and, if necessary, implement a plan for correction.

Policy I-1.2.1 Policy I-1.1.3: In coordination with the NFWFMD and other local governments or private utilities, Walton County shall continue to seek to develop water sources that ~~will~~ shall satisfy existing and future demands, without

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causing adverse impacts to water quality, wetlands, aquatic systems, or the environment. These sources may include, but are not limited to, further expansion of inland wellfields such as the Rock Hill Inland Wellfield Development and Transmission Facility, as well as to ensure fresh groundwater, reclaimed water, stormwater, brackish groundwater, surface water, and seawater. In addition, the County ~~will~~ shall proactively investigate the application of new water resource development technologies to meet existing and future water demand.

~~Policy I-1.2.2~~ Policy I-1.1.4: Walton County ~~will~~ shall encourage the utility providers to maximize the efficient use of existing potable water facilities through the implementation of management techniques that can enhance a source of supply, sustain water resources and related natural systems, and optimize water supply yield. Available techniques may include, but are not limited to, water conservation, potable water rate increases, non-potable water reuse, system interconnects, and storage.

~~Policy I-1.2.3~~ Policy I-1.1.5: Walton County shall coordinate, cooperate, and participate with utility providers in the region and the NFWFMD in the development and update of local and regional water supply plan and assessments. In addition, Walton County ~~will~~ shall continue to collaborate and jointly develop interconnected sources and facilities to consolidate water services and to improve efficiencies that ~~will~~ shall support and enable Walton County to perform and implement an effective water supply program without creating significant adverse impacts to water quality, wetlands, aquatic systems, or the environment.

Matrix Analysis Comment: Added adverse impact statement from existing Policy I-6.2.1 in the Infrastructure Aquifer Recharge Sub-Element.

Policy I-1.1.6: Walton County shall develop and maintain a Work Plan for a minimum of a five-year planning period addressing traditional and alternative water supply sources, facilities, and issues necessary to serve existing and future development within Walton County.

Matrix Analysis Comment: Relocated from Objective I-6.1.

Policy I-1.1.7: The Work Plan shall identify traditional and alternative water supply projects that the County may use to meet existing and projected water demands. These alternative water supply projects will be selected from the Water Management District's Regional Water Supply Plan or otherwise proposed by the County, public and private non-profit utility companies in cooperation with NFWFMD.

Matrix Analysis Comment: Relocated from Policy I-.6.1.1.

Objective 1.3 Objective 1.2: Walton County shall promote and sustain compatibility between the built and natural systems.

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~~Policy I-1.3.4~~ Policy I-1.2.1: Walton County shall coordinate with the NFWFMD and other entities to implement the goals and provisions of the Regional Water Supply Plan and other local/municipal water resource management and restoration programs, to evaluate the long-term needs of the natural and built environments, to restrict activities that may result in the degradation or over- utilization of potable water resources, and to assure adequate water supply for the competing needs of native ecosystems, agriculture, domestic, and industrial users.

~~Policy I-1.3.2~~ Policy I-1.2.2: Walton County shall work with the NFWFMD during updates to their Regional Water Supply Plan to identify potentially feasible alternative water supply projects.

~~Policy I-1.3.3~~ Policy I-1.2.3: Walton County ~~will~~ shall integrate growth management, land use, and water resource planning to ensure the availability of water for Walton County and regional water management purposes.

**~~Objective I-1.4~~ Objective I-1.3: Level of Service Standards
Provide needed potable water facilities in a manner that promotes compact urban growth and maximizes the use of existing facilities.**

~~Policy I-1.4.1~~ Policy I-1.3.1: A level of service standard of 100 gallons per capita per day~~The level of service standards set forth in CIE Policy 1.3.3 are adopted by the County and~~ shall be used for determining the availability of service capacity. Potable water lines shall have a minimum level of service standard of 20 pounds per square inch (psi) and 650 gallons per minute (gpm) for potable water lines, or a higher standard as determined by the County fire department to be necessary. These level-of-service standards shall be used unless the applicant can demonstrate that the proposed use utilizes less capacity through historic records or studies of similar uses.

Matrix Analysis Comment: Replaced LOS reference to Capital Improvements Element Policy with the LOS requirement from Capital Improvements Element Policy CI-1.3.4(E).

~~Policy I-1.4.2~~ Policy I-1.3.2: The County ~~will~~ shall develop and implement methodologies for determining available capacity and demand of a proposed development upon the water systems.

~~Policy I-1.4.3~~ Policy I-1.3.3: All improvements or expansions made to existing facilities shall be consistent with level of service standards.

~~Policy I-1.4.4~~ Policy I-1.3.4: ~~Consistent with the concurrency management system outlined in the Capital Improvements Element the~~ The County will shall implement procedures to ensure that adequate water system capacity is available to meet the needs of proposed development in Chapter 3, Concurrency, of the Land Development Code.

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Matrix Analysis Comment: Corrected the location of the Concurrency Management System in Chapter 3 of the Land Development Code since it is not in the Capital Improvements Element.

Policy I-1.3.5: The County shall enforce the Fire/Life Safety Code to ensure adequate fire flow protection for new developments.

Matrix Analysis Comment: Relocated from Policy I-1.5.6.

Policy I-1.3.6: Walton County shall coordinate with providers for the extension and increase in capacity of central water facilities to meet future needs within the Utilities Service Areas. The term “facilities” shall include wells, intakes, water storage tanks, treatment facilities, pumping facilities and distribution mains.

Matrix Analysis Comment: Relocated from Policy I-1.9.3.

~~Policy I-1.4.5: The County will coordinate with Walton County’s utility providers to implement procedures for updating facility demand and capacity information as development orders are issued.~~

Matrix Analysis Comment: Duplicative of Policy I-1.3.2 above.

~~Policy I-1.4.6: In order to conserve potable water, protect natural ground water recharge, protect surface and ground water quality, prevent salt water intrusion in the Water Resource Caution Area (WRCA) and support other related resource protection goals, the following additional requirements shall apply to all new developments:~~

- ~~1. Pervious surfaces are encouraged to be used for parking and other structures to the extent practicable.~~
- ~~2. High efficiency (low volume) plumbing fixtures, appliances, and other water conserving devices shall be required.~~
- ~~3. Reuse of appropriately treated and permitted stormwater and/or wastewater shall be applied for all non-potable water needs whenever such resources are available and to the extent practicable.~~
- ~~4. Connection to sanitary sewer systems and appropriate levels of wastewater treatment shall be required. Performance based onsite sewage disposal systems may be considered if extension of sanitary sewer lines is infeasible.~~
- ~~5. Support providers in the effort to expand inland wellfields and transmission lines and the expansion of water reclamation and reuse projects in coordination with the NWFWMD and by 2015, institute a reclaimed water program within the WRCA.~~

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Matrix Analysis Comment: Partially relocated to Policies I-1.4.6 and I -1.4.7.

~~Objective I-1.5: — Ensure Adequate Capacity~~

~~There are currently no deficiencies for potable water facilities in Walton County. However, the County shall ensure adequate facilities are available for projected water facility needs through continued coordination with all utility providers in carrying out their capital improvement programs.~~

~~Policy I-1.5.1: — The County shall require through building permit review that all new construction activities utilize fixtures conforming to the schedule of maximum water use, consistent with the FL Water Conservation Act~~

Matrix Analysis Comment: Relocated to Policy I-1.4.2.

~~Policy I-1.5.2: — The County shall promote and encourage owners of agricultural land, through public awareness programs, to incorporate the water conserving methods of farming recommended by the Soil Conservation Service, and other Soil Conservation Service approved Best Management Practices.~~

Matrix Analysis Comment: Relocated to Policy I-1.4.5.

~~Policy I-1.5.3: — Future water demand for non-potable water uses shall be met through the use of water of the lowest acceptable quality for the purpose intended. To this end, developers requiring large amounts of water for use other than drinking water shall, where practical, utilize reclaimed water from stormwater systems and treated wastewater.~~

Matrix Analysis Comment: Relocated to Policy I-1.4.6.

~~Policy I-1.5.4: — The land development regulations establish limitations on clearing of native vegetation in the County to conserve water and promote use of drought tolerant plants for landscaping by provision of planting lists and other public awareness procedures.~~

~~Policy I-1.5.5: — The County shall coordinate with the Northwest Florida Water Management District to ensure that the provision of potable water facilities is consistent with the District's designation of South Walton County as an Area of Water Resources Concern. Public water supply systems shall be required to develop, adopt and implement water conservation plans and measures to promote water conservation and efficiency. The plans shall specifically provide for a reduction of landscape irrigation water uses. The County shall solicit the participation of the District in the siting of new potable water facilities based on standards which include, but are not limited to, the suitability of the aquifer, impact on salt water intrusion, and distance from hazardous wastes, landfills, and other incompatible land uses.~~

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Matrix Analysis Comment: Walton County is not an Area of Resource Concern but is designated a Water Resource Caution Area with certain defined statutory requirements.

~~Policy I-1.5.6: The County shall enforce the Fire/Life Safety Code to ensure adequate fire flow protection for new developments.~~

Matrix Analysis Comment: Relocated to Policy I-1.3.5.

~~Objective I-1.6~~ Objective I-1.4: Water Conservation The County ~~Will~~ shall ~~C~~oordinate with the Northwest Florida Water Management District and ~~L~~ocal ~~U~~tility ~~P~~roviders to ~~E~~ncourage ~~W~~ater ~~C~~onservation in Walton County

~~Policy I-1.6.1~~ Policy I-1.4.1: ~~The County will require all new developments install water conservation devices.~~ The county will adopt Land Development Code provisions ensuring that all landscaping that utilizes the public potable water supply will be drought-tolerant and will use XeriscapingTM/ Florida Friendly landscaping techniques or permaculture techniques to conserve water.

Policy I-1.4.2: The County shall require through building permit review that all new construction activities utilize fixtures conform to the Florida Building Code.

Matrix Analysis Comment: Relocated from Policy I-1.5.1 of the existing Aquifer Recharge Element and revised to reflect the maximum flow rates and consumption for fixtures as prescribed by the Florida Building Code. There is no Florida Water Conservation Act.

~~Policy 1.6.2~~ Policy I-1.4.3: The County shall adopt procedures for emergency water conservation in accordance with the plans of the Northwest Florida Water Management District. Walton County shall coordinate and cooperate with the NFWFMD in the enforcement of the provisions of their emergency water shortage plans, and in the implementation of the appropriate groundwater conservation and protection programs outlined in the Regional Water Supply Plan.

~~Policy I-1.6.3~~ Policy I-1.4.4: The County shall coordinate with all community water systems and utilities to implement a public education program regarding various methods of water conservation at the household and small business level. This program shall address all of Walton County and shall include the distribution of material to seasonal and permanent residents, as well as business and commercial operations, identifying specific water conservation measures that they should undertake.

~~Policy I-1.6.4 The Work Plan will identify traditional and alternative water supply sources, including water conservation efforts, which the County may use to reduce or satisfy existing and projected water demands.~~

Matrix Analysis Comment: Policy is duplicative.

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~~Policy I-1.6.5 Policy Walton County will continue to implement the water conservation efforts identified in the Work Plan. These efforts include:~~

- ~~1. Continued support for the utility providers' water conservation, xeriscape, and public education programs.~~
- ~~2. Continued enforcement of ordinances that provide for xeriscape education, encourage Florida Friendly landscaping, and promote rain sensor devices, low-flow fixtures, and similar initiatives.~~
- ~~3. Continued water conservation practices, such as participation in Florida Friendly Landscape workshops, water use audits, distribution system leak detection program, presentations and events, and participation in public awareness campaigns.~~
- ~~4. Further assessment of existing water conservation program effectiveness and development of new program initiatives.~~
- ~~5. The County shall periodically review and update existing water conservation and landscaping ordinances to promote additional improvements in water conservation.~~

Policy I-1.4.5: The County shall promote and encourage owners of agricultural land, through public awareness programs, to incorporate the water conserving methods of farming recommended by the Soil Conservation Service, and other Soil Conservation Service approved Best Management Practices.

Matrix Analysis Comment: Relocated from Policy I-1.5.2 of the existing Aquifer Recharge Element.

Policy I-1.4.6: Future water demand for non-potable water uses shall be met through the use of water of the lowest acceptable quality for the purpose intended. To this end, developers requiring large amounts of water for use other than drinking water shall, where practical, utilize reclaimed water from stormwater systems and treated wastewater.

Matrix Analysis Comment: Relocated from Policy I-1.5.3 of the existing Aquifer Recharge Element.

Policy I-1.4.7: Support providers in the effort to expand inland wellfields and transmission lines and the expansion of water reclamation and reuse projects in coordination with the NFWMD and to institute a reclaimed water program within the WRCA.

Matrix Analysis Comment: Relocated from old Policy I- 1.4.6 with date modification.

Policy I-1.4.8: Walton County shall coordinate with providers to maximize the use of existing potable water facilities and available capacity through the implementation of appropriate technology and management strategies for enhancing water supply and reducing demand, including traditional and alternative water supply options, conservation and reuse.

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Matrix Analysis Comment: Relocated from Objective I-1.10.

Policy I-1.4.9 Walton County shall coordinate with providers to shift to new technologies and operational procedures, including expanded conservation programs, water rate increases, system interconnections and alternative water supply options such as reclaimed water reuse and storage, as they become technically and economically feasible.

Matrix Analysis Comment: Relocated from Policy I-1.10.1.

Objective I-1.7 Objective I-1.5 Maximize Existing Facilities

~~It is the County's objective to m~~**Maximize use of existing facilities and encourage compact development, including urban densities and mixed land uses.**

~~Policy I-1.7.1~~ Policy I-1.5.1: The County shall eliminate the use of individual potable water wells and package plants within existing and planned service areas by requiring mandatory hook-up, pursuant to §381.00655, where central facilities are available ~~and by prohibiting the extension of potable water facilities outside of existing and planned service areas as depicted on the Utility Service Area Map.~~

~~Policy I-1.7.2~~ Policy I-1.5.2: The County shall prohibit the installation of individual potable water wells and package plants for new developments where central facilities are available.

~~Policy I-1.7.3~~ Policy I-1.5.3: Proposed increases to D ~~density and intensity designations on the~~ through a proposed Future Land Use Map amendment shall take into consideration the availability of central water and fire flow protection.

~~Policy I-1.7.4~~ Policy I-1.5.4: The County shall actively participate and aid in expansion of water services to Walton County, and development of alternative water sources throughout Walton County.

~~Policy I-1.7.5~~ Policy I-1.5.5: Water main over-sizing may be required consistent with the County's and the utility's overall plans for an area. The developer shall negotiate payment with the local utility for line extensions sufficient for the development's need. The utility may require that the line be oversized where extra capacity is needed. The utility provider shall bear the incremental cost for the required oversizing, as negotiated with the developer. All proposed development shall coordinate with the utility providers to ensure that water facilities are extended in accordance with the County's objectives.

Objective I-1.8 Objective 1-1.6: Surface and Groundwater Protection

In order to protect water quality, the County shall protect all its surface waters and ground waters from the intrusion of pollutants as well as salt water intrusion that would lower water quality below FDEP's the Florida

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Department of Environmental Protection (FDEP) current standards. Throughout the planning period, this shall be accomplished through regulation of land uses, intergovernmental coordination mechanisms with utility providers and the NFWMD, and eliminating stormwater pollution into surface waters.

Policy I-1.8.1 Policy I-1.6.1: Avoid salt water intrusion of well fields, through coordination with the District NFWMD and the providers to monitor usage in the WRCA and require strict adherence to xeriscape standards as mandated herein. ~~By 2015, a~~ Adopt an alternative water supply method based on technical, financial, and research assistance from the NFWMD consistent with the RWSP Regional Water Supply Plan.

Policy I-1.8.2 Policy I-1.6.2: Promote the collection and recycling of hazardous wastes by providing public information on programs such as Amnesty Days and the locations of approved recyclers.

Policy I-1.8.3 Policy I-1.6.3: ~~The County shall enforce a minimum 500-foot radius protection zone around all public potable water wellfields. Pursuant to Policy I-5.1.3, the storage or handling of hazardous materials (except for permitted uses by the water provider), wastes, landfills, mines, and sewage treatment plants shall be prohibited within the wellfield protection zone.~~

The County establishes a 500-foot radius wellhead protection zone around all public potable water wells, as defined in Rule 62-521.200, F.A.C., to ensure protection of the wellheads and zones of influence from potential contamination. The first 200-foot radius is established as a zone of exclusion where no development or redevelopment shall be permitted unless approved by the utility provider. Within the remainder of the wellhead protection area, land uses shall be regulated to prohibit the use, sale, storage or generation of hazardous material or waste on the Florida Substance List. Other polluting materials as well as wastewater treatment plants, percolation ponds, mines, and the excavation of waterways or drainage facilities that intersect the water table shall also be prohibited. The County shall prohibit development or redevelopment that would not maintain the quality and quantity of the supply of ground and surface water contributing to the recharge areas.

Matrix Analysis Comment: Relocated from Policy I-5.1.3 of the existing Aquifer Recharge Element.

Policy I-1.8.4 Policy I-1.6.4: The County shall take measures to ensure that FDEP's surface water quality standards are not degraded by using development controls and through the acquisition of properties adjacent to surface water bodies. The acquisition of such properties shall include stormwater management enhancements, and where appropriate, shoreline re-vegetation.

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Policy I-1.8.5 Policy I-1.6.5: The County shall participate and coordinate with the development and implementation of the Choctawhatchee River and Bay System Surface Water Improvement and Management Plan (SWIM).

Policy I-1.6.6: Industries and other businesses that use, sell, trade or generate hazardous waste or materials shall be sited, designed, operated and monitored to ensure that no hazardous materials or waste degrade groundwater or surface waters. Each business of this type shall prepare a spill containment, cleanup and reporting plan as required by state or federal law. Reporting must be undertaken immediately to appropriate county and state officials. Furthermore, such businesses shall not be located in floodprone areas, in areas of high or moderate aquifer recharge potential, areas within 1,000 feet of a karst spring, or within 500 feet of an existing or planned potable water well as identified in a public supply system's master plan. Areas of "high or moderate aquifer recharge potential" shall be defined as those areas that are shown as the Floridan Aquifer High Recharge Area on the West Florida Regional Planning Council maps of Regionally Significant Resources (1996).

Matrix Analysis Comment: Relocated from Policy I-5.1.5 of the existing Aquifer Recharge Element.

Policy I-1.6.7: No new development within the wellhead protection area shall be approved unless the water quality and water quantity of the supply of groundwater and surface water inflow to the zone of influence are maintained. The level of treatment for stormwater discharge from an area where herbicides and pesticides have been applied, or petroleum hydrocarbons or sanitary sewer effluent exist or have existed, must ensure that the water quality of the zone of influence for wellhead and recharge areas are not degraded.

Matrix Analysis Comment: Relocated from Policy I-5.1.6 of the existing Aquifer Recharge Element.

Policy I-1.6.8: Septic tanks shall not be permitted within the wellhead protection area or within 500 feet of a karst spring unless the septic tank system is an advanced treatment system such as a performance based septic system.

Matrix Analysis Comment: Relocated from Policy I-5.1.7 of the existing Aquifer Recharge Element.

Policy I-1.6.9: Prior to issuance of a development order for an activity or structure that involves the use or storage of hazardous materials, the County shall require the applicant to provide evidence of permitting coordination with all regulatory agencies having jurisdiction.

Matrix Analysis Comment: Relocated from Policy I-5.1.9 of the existing Aquifer Recharge Element.

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~~**Objective I-1.9 ————— Coordinate Water Supply Planning with the Utility Providers and the Regional Water Supply Plan Developed by the Northwest Florida Water Management District.**~~

Matrix Analysis Comment: Relocated to Objective I-1.1.

~~Policy I-1.9.1 Walton County shall review the Water Supply Facilities Work Plan (Work Plan) within 18 months of any update to the Regional Water Supply Plan to identify system deficiencies and, if necessary, implement a plan for correction.~~

Matrix Analysis Comment: Relocated to Policy I-1.1.2.

~~Policy I-1.9.2 A Capital Improvements Program shall be prepared annually in order to coordinate with providers to address improvements and possible expansion to the existing water system to meet or exceed the adopted level of service.~~

Matrix Analysis Comment: Duplicative of Policy I-1.9.3 below.

~~Policy I-1.9.3 ————— Walton County shall coordinate with providers for the extension and increase in capacity of central water facilities to meet future needs within the Utilities Service Areas. The term “facilities” shall include wells, intakes, water storage tanks, treatment facilities, pumping facilities and distribution mains.~~

Matrix Analysis Comment: This Policy relocated to Policy I-1.3.6 under Objective I-5 which addresses adequate capacity.

~~Policy I-1.9.4 Walton County shall continue to participate in the regional water supply planning efforts of the NFWMD to establish and implement efficient and cost-effective public water supply plans for the region, without creating significant adverse impacts to natural systems.~~

Matrix Analysis Comment: Duplicative of Objective I-1.1 and associated policies.

~~**Objective I-1.10 ————— Walton County shall coordinate with providers to maximize the use of existing potable water facilities and available capacity through the implementation of appropriate technology and management strategies for enhancing water supply and reducing demand, including traditional and alternative water supply options, conservation and reuse.**~~

~~Policy I-1.10.1 ————— Walton County shall coordinate with providers to shift to new technologies and operational procedures, including expanded conservation programs, water rate increases, system interconnections and alternative water supply options such as reclaimed water reuse and storage, as they become technically and economically feasible.~~

Matrix Analysis Comment: Objective I-1.10 and Policy I-10.1 were relocated to Policy I-1.4.8 and I-1.4.9 since they focus on maximizing the use of existing water facilities.

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**Goal I-2: PROTECT AND MAINTAIN THE FUNCTIONS OF NATURAL
GROUNDWATER RECHARGE AREAS WITHIN THE COUNTY.**

Matrix Analysis Comment: Relocated from Goal I-5 of the existing Aquifer Recharge Element.

Objective I-2.1: Aquifer Recharge Protection: Walton County shall ensure that all new development and redevelopment maintains aquifer water quality and water quantity to ensure enough recharge to sustain projected groundwater requirements for natural systems and future populations of the county.

Matrix Analysis Comment: Relocated from Objective I-5.1 of the existing Aquifer Recharge Element.

Policy I-2.1.1: Walton County, through its Land Development Code (LDC) provisions, shall protect groundwater recharge water quantity and water quality by regulating land uses, stormwater treatment and management throughout the county.

Matrix Analysis Comment: Relocated from Policy I-5.1.1 of the existing Aquifer Recharge Element.

Policy I-2.1.2: The County LDC shall include regulations to protect open spaces so that rainfall may reach the aquifer through infiltration to minimize the transport of contaminants to the aquifer.

Matrix Analysis Comment: Relocated from Policy I-5.1.2 of the existing Aquifer Recharge Element.

Policy I-2.1.3: The County shall continue to work with the Northwest Florida Water Management District (NFWFMD) to delineate and field verify existing areas of high groundwater contribution to surface waters and high recharge areas for the Floridan Aquifer System within Walton County.

Matrix Analysis Comment: Relocated from Policy I-5.1.4 of the existing Aquifer Recharge Element.

Policy I-2.1.4: Walton County shall use performance standards within the Land Development Code to maximize open space, limit impervious surfaces and turf grass areas, promote protection of natural vegetation, promote the use of pervious parking areas, and treat stormwater to protect water quality.

Matrix Analysis Comment: Relocated and revised from Policy I-5.1.11 of the existing Aquifer Recharge Element.

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Policy I-2.1.5: Walton County shall prohibit inappropriate development within high recharge areas as identified such as heavy industrial and intensive commercial uses like mining and solid waste disposal facilities. Walton County will direct incompatible land uses away from high recharge areas through the plan amendment review and approval process.

Matrix Analysis Comment: Relocated from Policy I-5.1.10 of the existing Aquifer Recharge Element.

Objective I-2.2: Walton County shall establish a water quality protection strategy for the springsheds.

Matrix Analysis Comment: Relocated from Objective I-5.2 of the existing Aquifer Recharge Element.

Policy I-2.2.1: Walton County shall develop protection strategy for springsheds through the following actions:

- A. Coordinate with the Northwest Florida Water Management District to develop county design criteria for stormwater management practices that minimize the leaching or discharge of nutrients or contaminants within the springsheds. The County will use karst area requirements set forth in *Protecting Florida's Springs: Land Use Planning Strategies and Best Management Practices* (November, 2002);
- B. Seek funding for the Florida Yards and Neighborhoods program to inform the public about proper lawn and landscaped area fertilization and irrigation;
- C. Incorporate the principles of the Florida Yards and Neighborhoods program into local landscaping ordinances;
- D. Coordinate water conservation programs with public, and private non-profit water suppliers;
- E. Inform the public about the proper operation and maintenance of septic tanks. Assist the Florida Department of Health (FDOH) local septic management program to assure that these systems are regularly inspected, pumped out, and brought up to current standards;
- F. Promote the local stewardship "adopt a spring" program; other incentive and volunteer springshed awareness and protection programs; and
- G. Pursue grant funding from regional, state, and federal agencies for the acquisition, restoration, protection, and management of springsheds.

Matrix Analysis Comment: Relocated from Policy I-5.2.1 of the existing Aquifer Recharge Element.