

Nassau County 2030 Comprehensive Plan Public Facilities Element (WAT) (SEW) (SOL) (STM) (RCH) Goals, Objectives and Policies

Potable Water Sub-Element (WAT)

Goal **4.0**

Provide public **potable water supply** facilities in a manner, which ensures the health, welfare and safety of the residents of Nassau County; promotes **compact, efficient** development; reduces urban sprawl; protects and conserves natural resources; and satisfies the requirements of sound fiscal planning.

OBJECTIVE **4.01-WAT.01**

Upon Plan adoption, Nassau The County shall implement procedures to ensure that **at the time a development permit is issued** prior to the issuance of a certificate of occupancy or its functional equivalent. Adequate **potable water** facility capacity **is available or will be in place** available to serve the development in accordance with the **adopted schedule level of service provided in Chapter 9J-5.0055 (2)(a)(b) and (c), F.A.C.**

Policy **4.01.01 WAT.01.01**

The following level of service (LOS) standards are hereby adopted **for regional potable water supply systems serving the unincorporated areas of the County**, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development **planning to use such systems**.

<u>Provider</u>	<u>LOS</u> <u>gpd per capita</u>	<u>peak</u> <u>factor</u>
<u>JEA</u>	<u>100.0</u>	<u>2.0</u>
<u>Nassau Amelia Utilities</u>	<u>81.0</u>	<u>1.5</u>

Policy WAT.01.02

Fire hydrants will be installed in all subdivisions where an existing public water supply can be extended within dedicated or proposed right-of-way that is within one-quarter (1/4) mile of said proposed development. The developer will extend the water supply and provide the fire hydrants as required by the County Fire-Rescue Department.

Policy WAT.01.03

Developments in unincorporated areas of the County which plan to use a municipal potable water supply system shall use the level of service (LOS) standards set by the municipality in its comprehensive plan as the basis for determining the availability of facility capacity and the demand generated by the development.

Policy ~~4.01.02~~ WAT.01.04

All improvements, replacements, expansion or increase in capacity of facilities shall be compatible with the adopted level of service standards for the facilities and the distribution of these facilities shall be consistent with the Future Land Use Map.

Policy ~~4.01.05~~ WAT.01.05

New or expansion service areas for publicly owned or investor-owned utilities shall be consistent with the development areas on the Future Land Use Map or Future Land Use Map as amended in accordance with Chapter 163.3187 F.S. The boundaries of the utility service areas shall not be gerrymandered in such a way that enclaves are created that will lack service.

Policy ~~4.01.06~~ WAT.01.06

The Growth Management ~~Coordinator~~ Department ~~is charged with the responsibility to shall~~ determine where the potential exists for Nassau County to improve ~~its providing~~ public facilities through coordinating County efforts with adjacent county/municipality system planning and ~~to~~ recommend to the County Commission ~~such~~ intergovernmental agreements that will promote improved services and thereby discourage urban sprawl.

Policy WAT.01.07

As part of the site plan review process, the County shall consult with the applicable regional water supplier to determine whether adequate water supplies to serve the new development will be available no later than the anticipated date of issuance of a certificate of occupancy (or its functional equivalent).

OBJECTIVE ~~4.02~~ WAT.02

~~Upon Plan adoption, t~~ The County shall correct deficiencies in potable water ~~solid waste, sanitary sewer and drainage~~ systems for which it is responsible ~~through implementing the following policies:~~

Policy ~~4.02.01~~ WAT.02.01

A ~~five-year~~ schedule of capital improvement needs for public facilities will be maintained and updated annually in conformance with the review process for the Capital Improvements Element of this plan. Unless modified by an amendment to the element, all projects shall be completed in accordance with the schedule provided in the County's Capital Improvements Plan. Proposed

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capital improvement projects will be evaluated and ranked according to the following priority level guidelines:

- A) Level One - whether the project is needed to protect public health and safety, to fulfill the County's legal commitment to provide facilities and services, or to preserve or achieve full use of existing facilities.
- B) .Level Two - whether the project increases efficiency of use of existing facilities, prevents or reduces future improvement costs, provides service to developed areas lacking full service or pro-motes in-fill development.
- C) Level Three- whether project represents a logical extension of facilities and services within a designated service area.

Policy WAT.02.02

The Potable Water sub-element shall be updated within 18 months of the release of an updated St. Johns River Water Management District (SJRWMD) regional water supply plan to incorporate alternative water supply projects selected by the County to meet its water supply needs as required by Sec. 163.3177 (6) (c) F.S.

OBJECTIVE ~~4.03~~ WAT.03

~~Upon Plan adoption, t~~ The County shall regulate land use and discourage urban sprawl by adopting land development regulations that maximize use of current and planned infrastructure facilities.

Policy WAT.03.01

In order to promote more efficient development patterns, the County shall incorporate provisions into the Land Development Code (LDC) to encourage more compact, higher density and/or intensity development in the designated Urban Development Area (UDA) or in transitioning areas that are either currently served by central water systems or are planned to be served within 4-10 years.

Policy WAT.03.02

In order to lower the cost of regional water system infrastructure ,The County shall incorporate provisions into the Land Development Code (LDC) to require minimum densities for residential development in the designated Urban Development Area (UDA) or in transitioning areas.

Policy WAT.03.03

Small community and non-community ("package") water systems shall be encouraged in clustered rural hamlets and rural employment centers. All new systems shall be compatible with the design standards of the nearest regional provider most likely to acquire the facility.

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Policy WAT.03.04

The County shall incorporate provisions into the Land Development Code (LDC) to allow the County to establish and collect contributions in aid to construction for the benefit of developers who construct regional potable water treatment and distribution capacity to the standards of the franchised provider.

Policy ~~4.03.05~~ WAT.03.05

Provisions shall be incorporated in the Land Development ~~Regulations~~ Code (LDC) to allow developer agreements for the timing of installation and connection ~~of water and/or sewer~~ to a ~~publicly-owned-or-investor-owned regional potable~~ water ~~and/or sewer~~ system. ~~Said developer agreements will be based on density formulas and Such agreements~~ may allow temporary use of on-site water or sewer systems at densities or intensities appropriate for the use of such systems until connection to a regional system is achieved. ~~the agreed-upon densities are resolved.~~ Temporary on-site ~~sewer~~ systems must be approved by the County Department of Health and/or Department of Environmental Protection for proper operation in the specific location and meet design standards for the provider in whose service area the system is located.

OBJECTIVE ~~4.04~~ WAT.04

~~Upon Plan adoption, t~~ The County shall conserve potable water resources through implementing the following policies: reduce the need for water system expansion and protect water resources by promoting water conservation to reduce per capita demand.

Policy ~~4.04.01~~ WAT.04.01

The County shall continue to coordinate efforts with the Water Management District to identify and map prime natural groundwater aquifer recharge areas.

Policy ~~4.04.03~~ WAT.04.02

The County shall conduct a public information program utilizing materials available from the Water Management District to alert residents of wasteful water usage practices and enhance the responsible and practical use of potable water resources.

~~Policy 4.04.06~~

~~Nassau County will strive to reduce potable water consumption /use/waste through~~

- ~~(1) requiring the capping of unused artesian wells,~~
- ~~(2) providing public information regarding water conservation,~~
- ~~(3) requiring wastewater reuse where practical,~~
- ~~(4) coordinating water conservation efforts with the Soils and Water Conservation District and the SJRWMD.~~

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Policy WAT.04.03

Nassau County will seek to reduce potable water consumption by considering regulations in the Land Development Code requiring wastewater reuse for landscape irrigation where available.

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Sanitary Sewer Sub-Element (SEW)

Goal 4.0

Provide public **sanitary sewer** facilities in a manner, which ensures the health, welfare and safety of the residents of Nassau County; promotes **compact, efficient** development; reduces urban sprawl; protects and conserves natural resources; **allows for mixed-use and industrial development**; and satisfies the requirements of sound fiscal planning.

OBJECTIVE ~~4.01~~ SEW.01

~~Upon Plan adoption, Nassau~~ The County shall implement procedures to ensure that ~~at the time a development permit is issued~~ prior to the issuance of a certificate of occupancy or its functional equivalent. Adequate sanitary sewer facility capacity ~~is available or~~ will be in place available to serve the development in accordance with the ~~adopted~~ **schedule** level of service ~~provided in Chapter 9J-5.0055 (2)(a)(b) and (c), F.A.C.~~

Policy ~~4.01.01~~ SEW.01.01

The following level of service (**LOS**) standards are hereby adopted ~~for regional wastewater treatment systems serving the unincorporated areas of the County~~, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development planning to use such systems.

Provider	LOS	
	gpd per capita	pk
<u>JEA</u>	<u>100</u>	<u>1.2</u>
<u>Nassau Amelia Utilities</u>	<u>76.8</u>	<u>1.2</u>

Policy SEW.01.02

Developments in unincorporated areas of the County which plan to use a municipal potable water supply system shall use the level of service (LOS) standards set by the municipality in its comprehensive plan as the basis for determining the availability of facility capacity and the demand generated by the development.

Policy ~~4.01.02~~ SEW.01.03

All improvements, replacements, expansion or increase in capacity of facilities shall be compatible with the adopted level of service standards for the facilities and the distribution of these facilities shall be consistent with the Future Land Use Map.

Policy ~~4.01.05~~ SEW.01.04

New or expansion service areas for publicly owned or investor-owned utilities shall be consistent with the development areas on the Future Land Use Map or Future Land Use Map as amended in accordance with Chapter 163.3187 F.S. The boundaries of the utility service areas shall not be gerrymandered in such a way that enclaves are created that will lack service.

Policy ~~4.01.06~~ SEW.01.05

The Growth Management ~~Coordinator~~ Department ~~is charged with the responsibility to shall~~ determine where the potential exists for Nassau County to improve its providing public facilities through coordinating County efforts with adjacent county/municipality system planning and ~~to~~ recommend to the County Commission ~~such~~ intergovernmental agreements that will promote improved services and thereby discourage urban sprawl.

OBJECTIVE ~~4.02~~ SEW.02

~~Upon Plan adoption, t~~ The County shall correct deficiencies in ~~potable water, solid waste, sanitary sewer and drainage~~ systems for which it is responsible ~~through implementing the following policies:~~

Policy ~~4.02.01~~ SEW.02.01

A ~~five-year~~ schedule of capital improvement needs for public facilities will be maintained and updated annually in conformance with the review process for the Capital Improvements Element of this plan. Unless modified by an amendment to the element, all projects shall be completed in accordance with the schedule provided in the County's Capital Improvements Plan Proposed capital improvement projects will be evaluated and ranked according to the following priority level guidelines:

- A) Level One - whether the project is needed to protect public health and safety, to fulfill the County's legal commitment to provide facilities and services, or to preserve or achieve full use of existing facilities.
- B) Level Two - whether the project increases efficiency of use of existing facilities, prevents or reduces future improvement costs, provides service to developed areas lacking full service or pro-motes in-fill development.
- C) Level Three - whether project represents a logical extension of facilities and services within a designated service area.

OBJECTIVE ~~4.03~~ SEW.03

~~Upon Plan adoption, t~~ The County shall regulate land use and discourage urban sprawl by adopting land development regulations that maximize use of current and planned infrastructure facilities.

Policy SEW.03.01

In order to promote more efficient development patterns, the County shall incorporate provisions into the Land Development Code (LDC) to encourage more compact, higher density and/or intensity development in the designated Urban Development Area (UDA) or in transitioning areas that are either currently served by central water systems or are planned to be served within 4-10 years.

Policy SEW.03.02

In order to lower the cost of regional water system infrastructure, The County shall incorporate provisions into the Land Development Code (LDC) to require minimum densities for residential development in the designated Urban Development Area (UDA) or in transitioning areas

Policy SEW.03.03

Proposed residential subdivisions with more than 50 lots, proposed commercial subdivisions with more than 5 lots, and industrial or manufacturing uses within one-fourth mile of an existing regional sewer system, as measured and accessed via existing easements or rights-of-way, will be required to connect to that system when available pursuant to Sec. 381.0065, F.S.

Policy SEW.03.04

The Land Development Code shall provide for cluster development and mixed-use development where regional wastewater treatment is, or will be, available concurrent with the impact of development.

Policy SEW.03.05

Small community and non-community ("package") treatment systems shall be encouraged in clustered rural hamlets, rural employment centers, and in cases where failing septic systems create ground or surface water contamination. All new systems shall be compatible with the design standards of the nearest regional provider most likely to acquire the facility.

Policy SEW.03.06

The County shall incorporate provisions into the Land Development Code (LDC) to allow the County to establish and collect contributions in aid to construction for the benefit of developers who construct developers who build regional wastewater treatment capacity to the standards of the franchised provider.

Policy ~~4.03.02~~ SEW.03.07

For developments using septic tanks or other on-site wastewater treatment systems, issuance of building permits will be conditioned upon demonstration of compliance with applicable federal, state and local permit requirements for on-site wastewater treatment systems.

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Policy **4.03.03** SEW.03.08

Provisions shall be made in the Land Development **Regulations Code (LDC)** for the inclusion of water and sewer utility easements and rights-of-way in a subdivision plat to assure the eventual construction and utilization of a sewage system in such subdivision (per Sec. 381.272(1) F.S.).

Policy **4.03.04** SEW.03.09

Provisions shall be made in the Land Development **Regulations Code (LDC)** for waivers to the requirement for mandatory connection to a publicly owned or investor-owned sewage system based on the criteria listed in Chapter 381.272 F.S.

Policy **4.03.05** SEW.03.10

Provisions shall be incorporated in the Land Development **Regulations Code (LDC)** to allow developer agreements for the timing of installation and connection ~~of water and/or sewer~~ to a ~~publicly owned or investor-owned~~ regional wastewater treatment and/or sewer system. ~~Said developer agreements will be based on density formulas and~~ Such agreements may allow temporary use of on-site water or sewer systems at densities or intensities appropriate for the use of such systems until connection to a regional system is achieved. ~~the agreed upon densities are resolved.~~ Temporary on-site ~~sewer~~ systems must be approved by the County Department of Health and/or Department of Environmental Protection for proper operation in the specific location.

OBJECTIVE **4.04** SEW.04

~~Upon Plan adoption, t~~ The County shall ~~conserve potable water resources through implementing the following policies:~~ protect water resources by promoting water conservation to reduce per capita demand and minimize environmental impacts.

Policy **4.04.05** SEW.04.01

The County shall require that wastewater be reused where practical. New wastewater treatment plants shall be required to provide for the reuse and/or disposal of wastewater by best available technology, including for agriculture or landscaping irrigation, percolation, or other permitted measures unless data are presented to support claims for inability of the system to support such reuse.

Policy SEW.04.02

The County will continue to require additional horizontal and/or vertical setbacks to the St. Mary's River for all on-site treatment and disposal components.

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Policy SEW.04.03

The County will promote public awareness of the need to periodically maintain septic systems to properly treat the effluent and protect the groundwater supply from contamination.

Solid Waste Disposal Sub-Element (SOL)

Goal 4.0

~~Provide public facilities~~ **Manage and dispose of solid waste** in a manner, which ensures the health, welfare and safety of the residents of Nassau County; ~~promotes development;~~ ~~reduces urban sprawl;~~ protects and conserves natural resources; and satisfies the requirements of sound fiscal **planning management.**

OBJECTIVE ~~4.01~~ SOL.01

~~Upon Plan adoption, Nassau~~ The County shall implement procedures to ensure that ~~at the time a development permit is issued~~ prior to the issuance of a certificate of occupancy or its functional equivalent, adequate solid waste disposal facility capacity ~~is available or will be in place available~~ to serve the development in accordance with the ~~adopted~~ **schedule** level of service ~~provided in Chapter 9J-5.0055 (2)(a)(b) and (c), F.A.C.~~

Policy ~~4.01.01~~ SOL.01.01

The following level of service (LOS) standards are hereby adopted for solid waste landfill disposal capacity in the unincorporated areas of the County, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development.

Measure	LOS
<u>Lbs. per capita/day</u>	<u>4.91 lbs.</u>
<u>Tons per capita/year</u>	<u>.90 ton</u>
<u>Fill Rate per capita/year (cubic yds.)*</u>	<u>1.4 cy</u>
<u>*1 cy = 1.55 tons</u>	

Policy SOL.01.02

Pursuant to the interlocal agreement with Camden County, Georgia adopted September 15, 2009, Nassau County may use the Camden County Landfill Solid Waste Disposal Facility as its primary disposal method for Class I non-hazardous solid waste in amounts up to 450 tons per day. This agreement is effective for ten (10) years from the date of adoption, with the ability to renew for another five years with the consent of both local governments, or the County may seek another legally permissible approach to solid waste management.

Policy SOL.01.03

Pursuant to an agreement with Waste Management, Inc. adopted October 14, 2009, the County may also dispose of its solid waste at its Chesser Island Road landfill, located in Charlton County, Georgia. This agreement is effective for ten (10) years from the date of adoption, with the ability to

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renew for another five years with the consent of both parties, or the County may seek another legally permissible approach to solid waste management.

Policy ~~4.01.02~~ SOL.01.04

All improvements, replacements, expansion or increase in capacity of facilities shall be compatible with the adopted level of service standards for the facilities and the distribution of these facilities shall be consistent with the Future Land Use Map.

Policy ~~4.01.06~~ SOL.01.05

The Growth Management ~~Coordinator~~ Department ~~is charged with the responsibility to~~ shall determine where the potential exists for Nassau County to improve its providing public facilities through coordinating County efforts with adjacent county/municipality system planning and ~~to~~ recommend to the County Commission ~~such~~ intergovernmental agreements that will promote improved services and thereby discourage urban sprawl.

OBJECTIVE ~~4.02~~ SOL.02

~~Upon Plan adoption, t~~ The County shall correct deficiencies in ~~potable water,~~ solid waste disposal ~~, sanitary sewer and drainage~~ systems for which it is responsible ~~through implementing the following policies:~~

Policy ~~4.02.01~~ SOL.02.01

A ~~five-year~~ schedule of capital improvement needs for public facilities will be maintained and updated annually in conformance with the review process for the Capital Improvements Element of this plan. Unless modified by an amendment to the element, all projects shall be completed in accordance with the schedule provided in the County's Capital Improvements Plan. Proposed capital improvement projects will be evaluated and ranked according to the following priority level guidelines:

- A) Level One - whether the project is needed to protect public health and safety, to fulfill the County's legal commitment to provide facilities and services, or to preserve or achieve full use of existing facilities.
- B) Level Two - whether the project increases efficiency of use of existing facilities, prevents or reduces future improvement costs, provides service to developed areas lacking full service or pro-motes in-fill development.
- C) Level Three - whether project represents a logical extension of facilities and services within a designated service area.

OBJECTIVE SOL.03

The County will provide for a solid waste collection and disposal system.

Policy SOL.03.01

Nassau County will continue collection of solid waste through the services of franchise solid waste collection companies or through the use of other public or private sector resources and encourage effective and efficient operations through bulk transport of collected solid waste to permitted solid waste management facilities.

Policy SOL.03.02

The County will maintain franchised solid waste collection contracts or other appropriate service agreements which provide for routine scheduled collection of residential and commercial wastes; special collections of bulky items; separate curbside and bulk collection of recyclable materials; separate collection of vegetative yard wastes; and, such other provisions as may be deemed appropriate by the Board of County Commissioners.

Policy SOL.03.03

Nassau County will continue to evaluate methods to improve the cost effectiveness of solid waste collection operations through its franchised solid waste collection contractors.

OBJECTIVE SOL.04

Nassau County will actively promote the recycling of solid waste, the reuse of materials, and the purchase and use of products which contain recycled materials.

Policy SOL.04.01

Pursuant to Section 403.706(4)(c), Florida Statutes, the County will provide its residents with the opportunity to recycle by providing:

1. A system of places within the county for collection of source-separated recyclable materials;
2. A system for separating and collecting recyclable materials prior to disposal that located at a local solid waste management facility; and
3. A public education and promotion program that is conducted to inform its residents of the opportunity to recycle, encourages source separation of recyclable materials, and promotes the benefits of reducing, reusing, recycling, and composting materials.

Policy SOL.04.02

The County shall explore economically responsible ways to provide for continued reduction of municipal solid waste generated within the county through heightened public awareness, local government leadership, development and expansion of recycling markets and increased investments throughout the local government and commercial sectors.

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Policy SOL.04.03

The County should support the creation of state funding programs to help local governments reach higher recycling goals in their jurisdictions.

Policy SOL.04.04

Nassau County will continue to encourage and support the purchase of products which are reusable and products which contain recycled materials.

OBJECTIVE SOL.05

Nassau County will conform to all applicable and appropriate Federal and State regulatory requirements for landfill closure and maintenance, minimizing the potential for adverse environmental impacts.

Policy SOL.05.01

Nassau County will continue to conduct environmental monitoring of closed landfills in accordance with applicable Federal and State requirements, including conditions contained within applicable Florida Department of Environmental Protection (DEP) permits.

Policy SOL.05.02

Nassau County will, in accordance with applicable DEP permit conditions, implement an approved closure plan for the West Nassau Class I Landfill.

Policy SOL.05.03

Nassau County will provide closure maintenance and monitoring of the West Nassau Class I Landfill after facility closure in accordance with applicable Federal and State requirements.

Stormwater Management Sub-Element (STM)

Goal 4.0

Provide public **stormwater management** facilities in a manner which ensures the health, welfare and safety of the residents of Nassau County; ~~promotes development; reduces urban sprawl;~~ protects and conserves natural resources; and satisfies the requirements of sound fiscal planning.

OBJECTIVE 4.01-STM.01

~~Upon Plan adoption, Nassau~~ The County shall implement procedures to ensure that at the time a development permit is issued, adequate facility capacity is available or will be available to serve the development in accordance with the adopted schedule of capital improvements. ~~provided in Chapter 9J-5.0055 (2)(a)(b) and (c), F.A.C.~~

Policy 4.01.01-STM.01.01

The following level of service (LOS) standards are hereby adopted, and shall be used as the basis for determining ~~the availability of facility capacity and the demand generated by a development.~~ the allowable stormwater discharge rate and discharge volume from all non-exempt projects, pursuant to Rule 40C-42, F.A.C.:

1. Projects which discharge or contribute runoff to downstream areas which are not volume sensitive and have adequate capacity to accept and convey stormwater runoff from the project site without increasing flood levels shall limit peak rates of discharge for developed conditions to pre-developed or existing conditions for the 5-year, 10-year, and 25-year design storm event.
2. Projects which discharge or contribute runoff to downstream areas which are volume sensitive and/or do not have adequate capacity to accept and convey stormwater runoff from the project site without increasing flood levels shall provide detention of the 25-year discharge volume for developed conditions such that the volume released from the project during the critical time period is no greater than the volume released under pre-developed or existing conditions during the same time period. For the purposes of this requirement the critical time period shall be the storm duration based on the 24-hour duration rainfall event unless a detailed hydrologic study of the contributing watershed demonstrates otherwise.
3. All projects shall meet state water quality discharge standards as regulated by the St. Johns River Water Management District pursuant to Rule 40C-4 F.A.C., and must submit of a copy of a valid St. Johns River Water Management District permit as part of the development review process.

Policy STM.01.02

The adopted LOS standards do not apply to projects considered exempt and not requiring a Water Management District permit pursuant to Rule 40C-42.0225 F.A.C. However, certain design criteria may still be required for exempt projects by the County's Land Development Code (LDC).

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Policy **4.01.02** STM.01.01

All improvements, replacements, expansion or increase in capacity of facilities shall be compatible with the adopted level of service standards for the facilities and the distribution of these facilities shall be consistent with the Future Land Use Map.

Policy **4.01.05** STM.01.01

New or expansion service areas for publicly owned or investor-owned utilities shall be consistent with the development areas on the Future Land Use Map or Future Land Use Map as amended in accordance with Chapter 163.3187 F.S. The boundaries of the utility service areas shall not be gerrymandered in such a way that enclaves are created that will lack service.

Policy **4.01.06** STM.01.01

The Growth Management ~~Coordinator~~ Department ~~is charged with the responsibility to~~ shall determine where the potential exists for Nassau County to improve its providing public facilities through coordinating County efforts with adjacent county/municipality system planning and ~~to~~ recommend to the County Commission ~~such~~ intergovernmental agreements that will promote improved services and thereby discourage urban sprawl.

OBJECTIVE **4.02** STM.02

~~Upon Plan adoption, t~~ The County shall ~~correct~~ prioritize the correction of deficiencies in ~~potable water, solid waste, sanitary sewer and~~ stormwater drainage systems for which it is responsible ~~through implementing the following policies:~~

Policy **4.02.01** STM.02.01

A ~~five-year~~ schedule of capital improvement needs for public facilities will be maintained and updated annually in conformance with the review process for the Capital Improvements Element of this plan. Unless modified by an amendment to the element, all projects shall be completed in accordance with the schedule provided in the County's Capital Improvements Plan. Proposed capital improvement projects will be evaluated and ranked according to the following priority level guidelines:

- A) Level One - whether the project is needed to protect public health and safety, to fulfill the County's legal commitment to provide facilities and services, or to preserve or achieve full use of existing facilities.
- B) Level Two - whether the project increases efficiency of use of existing facilities, prevents or reduces future improvement costs, provides service to developed areas lacking full service or pro-motes in-fill development.
- C) Level Three - whether project represents a logical extension of facilities and services within a designated service area.

Policy STM.02.02

The County shall initiate a stormwater master plan for the County to identify:

1. the volume, rate, and timing of stormwater run off in each planning district;
2. areas of recurring drainage problems; and,
3. establish a priority for improving drainage throughout the County.

Upon completion and approval of the plan by the Nassau County Board of County Commissioners, the findings of the plan shall be incorporated into the Stormwater Management Ordinance.

Policy ~~4.02.03~~ STM.02.03

Upon completion of the ~~master drainage study~~ stormwater master plan ~~(See Policies 4.02.02 and 4.05B.03)~~ the Engineering Services Director shall prepare a priority listing of drainage projects to be completed by the County to correct existing deficiencies. This listing, with associated costs, shall be presented to the Board of County Commissioners for implementation ~~in the FY 2003-2004 budget.~~

OBJECTIVE ~~4.03~~ STM.03

~~Upon Plan adoption, t~~ The County shall regulate land use and discourage urban sprawl by adopting land development regulations that maximize use of current and planned infrastructure facilities.

Policy STM.03.01

In order to maximize the use/functions of existing facilities, the County shall ensure stormwater management facilities function properly establish a maintenance and monitoring program of County-controlled drainage ditches throughout County. The County will establish defined levels of maintenance for public stormwater management facilities, and will conduct inspections on a routine basis.

OBJECTIVE ~~4.05B~~ STM.04

~~Upon Plan adoption, t~~ The County shall protect the function of natural drainage features, floodplains and floodways through implementing the following policies:

~~Policy 4.05B.01~~

~~In order to maximize the use/functions of existing facilities, the County shall establish a maintenance and monitoring program of County-controlled drainage ditches throughout County.~~

Policy 4.05B.03

~~The County shall, by 2005, initiate a master drainage study of the County to identify: 1. the volume, rate, timing and pollutant load of stormwater run-off in each planning district; 2. areas of recurring drainage problems; and, 3. establish a priority for improving drainage throughout the County. Upon completion and approval of the study by the Nassau County Board of County Commissioners, the findings of the study shall be incorporated into the Stormwater Management Ordinance and made part of the County's Comprehensive Plan through the Comprehensive Plan amendment process as required by s. 163.3184, 163.3187, F.S.~~

Policy ~~4.05B.05~~ STM.04.01

Adopted subdivision regulations shall ensure that new streets are designed to direct storm drainage in a manner that such water will be filtered through soils and native vegetation before the runoff enters drainage creeks.

Policy ~~4.05B.06~~ STM.04.02

New subdivisions or individual parcels must be engineered so that post development runoff for the property is no greater than predevelopment runoff.

Policy 4.05B.06B

~~By 2005, to ensure stormwater management facilities function properly, the County will establish defined levels of maintenance for public and private stormwater management facilities, and will conduct inspections on a routine basis.~~

Policy ~~4.05B.06D~~ STM.04.03

The County will, through its Land Development ~~regulations~~ **Code (LDC)**, require existing uses undergoing redevelopment to meet the new development requirements for stormwater management.

Policy 4.05B.06E

~~By 2005, the County will conduct a comprehensive inventory of all stormwater management facilities in all of the drainage sub-basins under the county's jurisdiction.~~

Policy 4.05B.06F

~~By 2005, the County shall seek grants to establish a Geographic Information System (GIS)-based inventory of all stormwater management facilities under the county's jurisdiction. Grants will also be sought to fund a stormwater drainage plan and drainage improvement projects as recommended by the plan.~~

OBJECTIVE 4.05C

~~Upon Plan adoption, the County shall protect the function of floodplains and floodways through implementing the following policies:~~

Policy ~~4.05C.01~~ STM.04.04

~~By 2002, t~~The County shall ~~create LDR's~~ enforce the County's Floodplain Ordinance to regulate encroachments, including fill, new construction, substantial improvements, and other development, within a FEMA designated "special flood hazard area" that would result in any increase in flood levels during the occurrence of a flood discharge., ~~unless specifically approved by the Administrator of the Federal Insurance Administration under the provisions of 44 CFR 65.12, as amended.~~

Policy STM.04.05

The County shall include provisions in its Land Development Code (LDC) to encourage the use of Low Impact Development (LID) principles, as defined by the U.S. Environmental Protection Agency (EPA), in new development and re-development. These may include the use of techniques such as bio-retention facilities, rain gardens, vegetated rooftops, rain barrels, and permeable pavements.

Policy STM.04.06

In order to participate in the NFIP Community Rating System The County will undertake those public information and floodplain management activities beyond those required by National Flood Insurance Program (NFIP) minimum standards, resulting in discounted flood insurance premium rates to reflect the reduced flood risk resulting from the community actions.

Note: **HIGHLIGHTED TEXT** indicates changes made from Transmittal Draft of 5/10/2010 based upon the Objections, Recommendations, and Comments (ORC) Report issued by the Florida Dept. of Community Affairs (DCA) 7/13/2010