



Comprehensive Plan Amendments Related to the 10 Year Water Supply Facility Work Plan 2020 Update

Future Land Use Element

POLICY 1.1.6: Provide for approximately ~~170~~¹⁹⁷ gallons per capita per day of water service. Actual gallon per day figures shall be adjusted based upon the type of use.

Policy 1.1.7: Coordination of Water Supply Planning and Land Use Planning Coordinate water supply planning and land use planning activities of the City with municipalities receiving water from the City and providing water to the City to ensure that water needs of the City's residents are met.

EVALUATION MEASURE FLU 1.1.7: Implementation of water supply projects described in the 10-Year Water Supply Facilities Work Plan.

Policy 1.1.7a: The City shall maintain a 10-Year Water Supply Plan and update this plan within eighteen (18) months of any update to the regional plan adopted by the South Florida Water Management District.

Policy 1.1.7b: Maintain consistency between the demand calculations in the Water Supply Facilities Work Plan and the population projections contained in the Future Land Use Element.

Policy 1.1.7c: Monitor water demand needs and land use planning in municipalities receiving water from the City and providing water to the City.

Policy 1.1.7d: Assess the Water Supply Facilities Work Plan as part of the Evaluation and Appraisal Report analysis.

Policy 1.1.7e: Work with Broward County and other municipalities to update the Broward County Population Forecasting Model. Wholesale user agreement shall meet the demand projected by the Broward County Population Forecasting Model. Monitoring of population projections for retail customers outside the City limits will be accomplished through the Broward County Population forecasting Model and annual confirmation of those projections with each City.

~~POLICY 1.1.7: Provide for the following levels of service for sanitary sewer: single family detached housing units; 350 gallons per day per housing unit; other residential buildings; 250 gallons per day per housing unit; hotel/motel; 150 gallons per day per bedroom; office, retail and warehouse uses; 1 gallon per square foot per day; institutional uses; 200 gallons per day per bed; restaurant; 30 gallons per seat per day.~~

Infrastructure Element

OBJECTIVE 2.3: Meet Level of Service Demand in an Efficient, Economical and Environmentally Sensitive Manner The City shall, through the coordination of land use planning with water supply planning and management, provide potable water service to meet the demands of the service area in an efficient, economical and environmentally sensitive manner. ~~The City shall provide potable water service to meet the demands of the service area in an efficient, economical and environmentally sensitive manner through 2025. The City shall coordinate land use planning with the management of water source and supply plans through the Comprehensive Plan, local water supply initiatives and the 2013 Lower East Coast (LEC) Water~~



~~Supply Plan Update (adopted September 12, 2013). The incorporate the City's 10 Year Water Supply Facilities Work Plan (adopted April 7, 2015) shall be incorporated wholly into the Infrastructure Element of the Comprehensive Plan.~~

POLICY 2.3.1: The level of service for potable water shall be 170 ~~197~~ gallons per capita per day.

POLICY 2.3.5: Implement the City's 10-Year Water Supply Facilities Work Plan and include the Work Plan as a part of the criteria to be utilized when determining needed water system upgrades and improvements for the City of Fort Lauderdale water service area.

POLICY 2.3.6 The City hereby adopts by reference the 10-Year Water Supply Facilities Work Plan Update 2020 (Work Plan) for the City of Fort Lauderdale, dated adopted June 2, 2020, for a planning period of not less than 10 years. The Work Plan is consistent with the SFWMD Lower East Coast Water Supply Plan adopted by the District's Governing Board on November 8, 2018 and addresses issues that pertain to water supply facilities and requirements needed to serve current and future development within the City of Fort Lauderdale's water service area.

POLICY 2.3.7 The City shall review and update the Work Plan at least every 5 years, within 18 months after the Governing Board of the water management district approves an updated regional water supply plan. Any changes affecting the Work Plan shall be included in the annual Capital Improvements Plan update to ensure consistency between the Potable Water sub-element and the Capital Improvements element.

~~POLICY: 2.3.6: Maintain a Water Supply Facilities Work Plan for at least a 10-year planning period addressing water supply facilities necessary to serve existing and future development within the County's water service areas and support other local and regional water supply plans. The Work Plan shall be incorporated wholly into the Infrastructure Element of the Comprehensive Plan.~~

~~POLICY: 2.3.8: Coordinate and be consistent with the South Florida Water Management Districts LEC Plan when proposing or amending the Water Supply Facilities Work Plan. Update the City's Work Plan within 18 months following an update to the LEC Plan and be documented in the text of the Work Plan. Where appropriate and feasible, the Work Plan shall include collaborative approaches with other local governments for water supply source use and water treatment technology.~~

Policy 2.3.9: The City shall continue to evaluate alternative potable water supply sources including reverse osmosis techniques and desalinization.

Policy 2.3.10: The City shall include the City's work plan as part of achieving water conservation goals and continuously evaluate techniques and technologies for master planning of water capture and reuse, including rainwater harvesting, and revise its land development regulations as necessary to allow for these options with local building design.

~~POLICY 2.3.8: Reduce water demand to 170 gallons per capita per day through conservation strategies by the year 2028.~~



Conservation Element

POLICY 1.4.1: Continue source-water (wellfield) monitoring and protection programs and proactively address potential impacts on the coastal aquifer from increased chlorides due to flooding of coastal and tidally influenced bodies of water that may occur with more intense storms, rising sea levels, increased drought and other impacts of climate change.

POLICY 1.9.9: Implement the water conservation practices described in the 10-Year Water Supply Facilities Work Plan Update 2020 (Work Plan) for the City of Fort Lauderdale, dated adopted June 2, 2020. ~~10-Year Water Supply Facilities Work Plan.~~

Capital Improvements Element

OBJECTIVE 1.6: The Capital Improvements Element will be reviewed annually as a function of the Community Investment Plan preparation process to provide for the capital needs of the City to accommodate projected growth and redevelopment/ revitalization efforts, to maintain existing facilities and to replace obsolete or deteriorated facilities.

Evaluation Measure: Record of annual update and adoption of the Community Investment Plan by ordinance.

POLICY 1.6.1: The five-year capital improvement schedule of the Capital Improvement Element shall incorporate by reference the Community Investment Plan as adopted and as amended annually by the City Commission.

POLICY 1.6.2 Capital projects will be evaluation using the following criteria:

1. Meets federal, state, or legal requirement – Whether there is a federal, state, local mandate, grant, court order, judgement, or other requirement that the project must be complete.
2. Project feasibility- Whether there are obstacles to proceeding with the project land acquisition, easements, approvals required, etc.
3. Costa and sources of funds -Whether the project would impact the City's operating costs, debt service levels, and/or whether the project would yield prevent.
4. Reduces risk and improved urgent safety needs – Whether the project reduced an immediate or future risk, addressed a public health and/or safety hazard, or addresses an urgent safety need.
5. Implements existing long-range infrastructure plans - Whether the project implements plans such as the 10-Year Water Supply Facility Work Plan, Utility Master Plan, Parks and Open Space Master Plan, and the Long-Range Transportation Master Plan.

POLICY 1.6.~~32~~: Top priority will be given to appropriate levels and schedules of recapitalization including quantity, replacement cost, life cycle and annual depreciation/recapitalization needs when developing budget recommendations for the Community Investment Plan.

POLICY 1.6.~~43~~: Top priority will be given to appropriate levels and schedules of recapitalization when developing budget recommendations for the CIP.

POLICY 1.6.~~54~~: A high priority is to be placed on replacement of capital improvements when such improvements have deteriorated to the point of becoming hazardous, incur high maintenance costs, are negatively affecting property values, and are no longer functionally serving their intended purposes. The nature of use will determine whether the funding will be from general revenues or enterprise fund activities.



POLICY 1.6.5: Utilize existing intergovernmental coordination mechanisms to coordinate planning for City improvements with plans of state agencies, the South Florida Water Management District, the County and adjacent municipalities.