

TREASURE COAST REGIONAL PLANNING COUNCIL

MEMORANDUM

To: Council Members AGENDA ITEM 8E

From: Staff

Date: April 17, 2015 Council Meeting

Subject: Local Government Comprehensive Plan Review
Draft Amendment to the City of Boynton Beach Plan
Amendment No. 15-1ESR

Introduction

The Community Planning Act, Chapter 163, *Florida Statutes*, requires that the regional planning council review local government comprehensive plan amendments prior to their adoption. The regional planning council review and comments are limited to adverse effects on regional resources or facilities identified in the strategic regional policy plan (SRPP) and extrajurisdictional impacts that would be inconsistent with the comprehensive plan of any affected local government within the region. Council must provide any comments to the local government within 30 days of the receipt of the proposed amendments and must also send a copy of any comments to the state land planning agency.

The amendment package from the City of Boynton Beach contains text changes to the Utilities Element of the comprehensive plan. This report includes a summary of the proposed amendment and Council comments.

Summary of Proposed Amendment

The proposed amendment is to revise policies related to an update to the 10-year Water Supply Facilities Work Plan (WSFWP). The purpose of the WSFWP is to identify and plan for the water supply sources and facilities needed to serve existing and new development within the jurisdiction of the local government. The updates to the WSFWP include: total population estimates; population projections; current and projected water supply demands; reference to new facilities; adjustment of specific dates; and other changes to reflect current and future conditions. The WSFWP was updated to be consistent with the Lower East Coast Regional Water Supply Plan, which was revised by the South Florida Water Management District on September 12, 2013. The proposed changes to the Utilities Element are available as a supplement to this report on Council's website.

The 10-year WSFWP indicates that the city's potable water facilities includes: two surficial aquifer wellfields; two water treatment plants; two aquifer storage and recovery (ASR) wells; four storage facilities; and over 350 miles of water distribution system. During the wet season, excess water from the surficial aquifer is treated and stored in the ASR wells. During the dry season, water is pumped from ASR wells to supplement water from the surficial aquifer. The WSFWP indicates the city is proposing to install three wells into the Florida aquifer system by 2023 in order to meet future water demand.

The city also has a bulk water agreement with Palm Beach County to purchase one million gallons per day (MGD) firm capacity of potable water from Palm Beach County Water Utilities Department. In an emergency, there is a flexibility to purchase up to five MGD as needed with advanced notice. The city currently has emergency interconnect agreements with Palm Beach County, City of Delray Beach, Town of Gulfstream, Village of Golf, and Town of Lantana.

At present, the city is dependent upon the surficial aquifer as a source of raw water. However, the WSFWP indicates the city is actively engaged in diversifying its sources of water supply over the next planning period. The overall goal of the city's plan is to significantly reduce dependence on the surficial aquifer during the dry season of the year, while maximizing availability of surficial aquifer water during the wet season. The WSFWP identifies several projects to accomplish this goal, including: 1) interconnection of the city's two water treatment plants so as to supplement the eastern wellfield with additional water from the west; 2) expansion of the water reuse distribution system; and 3) increasing water conservation efforts to reduce future water demand.

Regional Impacts

No adverse effects on regional resources or facilities have been identified.

Extrajurisdictional Impacts

The proposed amendment was transmitted to the Palm Beach County Intergovernmental Plan Amendment Review Committee Clearinghouse Coordinator on March 24, 2015. No extrajurisdictional impacts have been identified.

Conclusion

No adverse effects on regional resources or facilities and no extrajurisdictional impacts have been identified.

Recommendation

Council should approve this report and authorize its transmittal to the City of Boynton Beach and the Florida Department of Economic Opportunity.

Attachments

List of Exhibits

Exhibit

1 General Location Map

Exhibit 1 General Location Map

