



EXECUTIVE SUMMARY

To: Jim Scholl, City Manager
Through: Thaddeus Cohen, Planning Director
Meeting Date: November 17, 2015
RE: Water Supply Work Plan

Action Statement: **ADOPTION OF AN ORDINANCE OF THE CITY OF KEY WEST, FLORIDA, AMENDING THE WATER SUPPLY ELEMENT OF THE 2013 COMPREHENSIVE PLAN BY AMENDING CHAPTER 1: FUTURE LAND USE ELEMENT, CHAPTER 4: PUBLIC FACILITIES ELEMENT, CHAPTER 5: COASTAL MANAGEMENT ELEMENT, CHAPTER 6: CONSERVATION ELEMENT, CHAPTER 8: INTERGOVERNMENTAL COORDINATION ELEMENT, AND CHAPTER 9: CAPITAL IMPROVEMENTS ELEMENT, IN ORDER TO ADDRESS DEVELOPMENT OF TRADITIONAL AND ALTERNATIVE WATER SUPPLIES AND MANAGEMENT STRATEGIES, INCLUDING CONSERVATION AND REUSE; PROVIDING FOR SEVERABILITY; PROVIDING FOR REPEAL OF INCONSISTENT PROVISIONS; PROVIDING FOR AN EFFECTIVE DATE.**

Request: Amendment to the City Comprehensive Plan to incorporate Policies, which implement the Water Supply Work Plan

Location: City wide

Background:

The adopted and effective City of Key West Comprehensive Plan of 2013 contains the Water Supply Work Plan required by Florida Statutes 163, Part II. This statute requires local governments to prepare and adopt 10-Year Water Supply Facilities Work Plans into their comprehensive plans within 18 months after the South Florida Water Management District (SFWMD) approves a regional water supply plan or its update. The 2013 Lower East Coast Water Supply Plan Update (2013 LECWSP Update) was adopted by the District's Governing Board on September 12, 2013. Therefore, local governments within the Lower East Coast Region are required to amend their comprehensive plans and include an updated 10-year Water Supply Facilities Work Plan and related planning elements by March 12, 2015. The State of Florida requires that the 10-year Water Supply Facilities Work Plan - 2014 Update address the development of traditional and alternative water supplies and management strategies, including conservation and reuse. The data and analyses, including population projections, water demands

and service areas must cover at least a 10-year planning period and be consistent to the LECWSP and the updated comprehensive plan amendment.

Because the City of Key West does not have its own water utility, it relies entirely on the Florida Keys Aqueduct Authority for all its water production and distribution throughout the City. Therefore as updated by the 2013 LECWSP, the FKAA projections of water supply, water demand and management strategies are those that form the basis of the amendments to the City's Comprehensive Plan in order to implement the City Water Supply plan. The data that supports the City's effort to complete its Water Supply Plan updates is also found in the following attachments:

Attachment A contains a summary of the relevant portions of the FKAA 2006 Twenty Year Capital Improvement Plan (FKAA 2006 CIP), as updated by the FKAA 2015 budget in response to the 2013 LECWSP Update.

Attachment B is a summary of key parts of the South Florida Water Management District Lower East Coast Water Supply Plan

Attachment C contains Excerpts from the 2011 FKAA Strategic Plan

Attachment D contains excerpts from the Florida Statutes, which require the amendments to the City's comprehensive Plan.

Planning Staff Analysis:

The criteria for evaluating a change to the Comprehensive Plan are listed in Section 90-954 and 955 of the City Code. The proposed update of the Water Supply plan is in conformance with the Work Plan and establishes new water Level of Service standards, which were not in the 2012 Work Plan due to the impending changes to the LECWSP of 2013. The proposed standards now include both quantity and quality LOS for all water users.

No negative impacts are expected from the implementation of the policies proposed, rather over time the implementation of the policies will provide a more reliable and safe water supply by identifying water conservation methods and by protecting the well fields serving the FKAA users.

The entire Water Supply Plan Update has been tailored to identify methods and practices the City can use to cooperate with the FKAA and the SFWMD to ensure a safe and effective water supply for the City. The City WSP has been written in direct response to state statute, which outlines the public interest to be served by an updated water supply plan.

Options / Advantages / Disadvantages:

Option 1: Adoption of the proposed Ordinance.

- 1. Consistency with the City's Strategic Plan, Vision, and Mission:** The proposed Ordinance is consistent with the Strategic Plan's public facilities goal and will identify and plan for the water supply sources and facilities needed to serve existing and new development within its jurisdiction.

2. **Financial Impact:** None. However, approval of this Ordinance will provide a more reliable and safe water supply by identifying water conservation methods and by protecting the well fields serving the FKAA users.

Option 2: Do not adopt the proposed Ordinance.

1. **Consistency with the City's Strategic Plan, Vision, and Mission:** Denying the proposed Ordinance is not consistent with the City's Strategic Plan, Vision, and Mission.
2. **Financial Impact:** None.

Recommendation:

The Planning Department recommends the City Commission **APPROVE** the proposed Ordinance on first reading.