

**EVALUATION AND APPRAISAL REPORT OF THE CITY OF FELLSMERE COMPREHENSIVE PLAN  
CHAPTER FOUR – RECOMMENDATIONS FOR POLICY AMENDMENTS TO ADDRESS CHANGES REQUESTED BY  
ST. JOHN'S ROVER WATER MANAGEMENT DISTRICT**

**1. *Water supply planning issues***

*a. Cumulative legislative changes:*

Please see Appendix C of the EAR.

*b. Water supply facilities work plan (work plan):*

1) & 2) No evaluation is required. The City of Fellsmere is not in a precautionary water supply area.

*c. Update the comprehensive plan to address future water supplies and related facilities*

- 1) Potable and nonpotable water demands are contained in the 2035 Comprehensive Plan data and analysis in response to the SSA for DCA 09-01.
- 2) The data and analysis of the 2035 Comprehensive Plan contains an assessment of the current and projected potable and nonpotable water sources and identifies water supply-related capital improvement projects, including development of alternative water supplies, necessary to meet projected demands within the next five and ten year periods and additional years if the planning period is longer than 10 years. There are no capital improvements projects needed in the first five-year period.

- a. Identify any alternative water supply projects that the City is considering for implementation. – NONE.*
- b. Identify the City's water conservation practices that will reduce water demands. – The City of Fellsmere is the only City in the region to have adopted the recommended irrigation restrictions and also has the lowest water use per capita in the region. In addition, Policy PF D-1.3 presents other conservation practices that are being considered.*
- c. Describe the City's reliance on Indian River County Utilities or other suppliers to provide water service to any part of the City, including how the suppliers will account for and meet the City's projected water needs in their consumptive use permits. – Chapter 2 within the EAR presents the above requested data. As indicated for part d. below, an agreement should be sought with Martin County to serve the south side of CR 512 from Pine Grove eastward.*
- d. Describe the need to maintain, revise, or enact agreements with other water suppliers. – A new policy has been proposed in the 2035 Comprehensive Plan, Policy PF B-3.4 seeking a water use agreement with Indian River County for the area of south of CR 512 from Pine Grove eastward.*
- e. Describe the City's role in implementing the provision of reuse water to meet nonpotable water demands. The City's Letter of Understanding with DCA indicates that the City is in the early planning stages relative to implementing a central wastewater system. Reuse could be a component of that plan. – The City does not currently operate a wastewater*

**EVALUATION AND APPRAISAL REPORT OF THE CITY OF FELLSMERE COMPREHENSIVE PLAN  
CHAPTER FOUR – RECOMMENDATIONS FOR POLICY AMENDMENTS TO ADDRESS CHANGES REQUESTED BY  
ST. JOHN'S ROVER WATER MANAGEMENT DISTRICT**

treatment facility and the County's facility is too distant to make running lines cost effective. If the City begins to operate their own treatment facility, reuse will be considered as part of the service program.

d. Capital Improvements:

The EAR, in Chapter 2, discusses the City's projects contained within the current 5-year Capital Improvement Program. Currently, there are no reuse facilities or alternative water supply projects being planned within the City. The City does not anticipate reliance on any privately funded projects during the five-year planning period to achieve and maintain adopted level-of-service standards when approving new development. Beyond the 5-year timeframe, the City may rely upon Community Development Districts, City services, or service agreements with other public providers for the provision of certain infrastructure as part of the development of the large tracts of vacant land recently annexed into the City.

e. Water supply concurrency

Done in the 2035 Comprehensive Plan as Objective PF B-3 and Policy PF B-3.5

f. Intergovernmental coordination

Done in the 2035 Comprehensive Plan as Policy ICE A-4.7

g. Future land use map (FLUM) amendments

Done in the 2035 Comprehensive Plan as Policy FLUE C-2.1 and FLUE C-2.4

**2. Policies and projects to protect water resources are consistent with the SJRWMD's surface water improvement and management program (SWIM) or basin initiatives**

Most of the City is located in the SJRWMD's Upper St. Johns River Basin (USJRB) Basin <http://floridaswater.com/upperstjohnsriver/index.html>. In addition, part of the City is located in the Indian River Lagoon (IRL) Basin <http://floridaswater.com/itsyourlagoon/index.html>. SWIM plans for both basins and the Comprehensive Conservation and Management Plan for the IRL Basin can be accessed at: [http://www.floridaswater.com/SWIMplans/2007\\_USJRB\\_SWIM\\_Plan.pdf](http://www.floridaswater.com/SWIMplans/2007_USJRB_SWIM_Plan.pdf); [http://www.floridaswater.com/SWIMplans/2002\\_IRL\\_SWIM\\_Plan\\_Update.pdf](http://www.floridaswater.com/SWIMplans/2002_IRL_SWIM_Plan_Update.pdf); and [http://floridaswater.com/itsyourlagoon/pdfs/CCMP\\_Update\\_2008\\_Final.pdf](http://floridaswater.com/itsyourlagoon/pdfs/CCMP_Update_2008_Final.pdf). To meet the water quality improvement goals relative to both basins, the City's EAR should describe the programs and associated comprehensive plan revisions that address the following:

**EVALUATION AND APPRAISAL REPORT OF THE CITY OF FELLSMERE COMPREHENSIVE PLAN  
CHAPTER FOUR – RECOMMENDATIONS FOR POLICY AMENDMENTS TO ADDRESS CHANGES REQUESTED BY  
ST. JOHN'S ROVER WATER MANAGEMENT DISTRICT**

a. Stormwater management and reducing freshwater discharges to the Indian River Lagoon

An EAR-based amendment will be identified setting forth the actions the City intends to take to partner with the FWCD to improve water quality discharging from the public systems in the City. Action is further committed by the City in the 2035 Plan by Policy PF B-4.7.

b. Implementation of reuse

This exercise is being done as part of the 2035 Plan update in response to the SSA for DCA 09-01.

c. On-site sewage disposal systems

None.

**3. Policies are consistent with water resource development projects identified in SJRWMD's *District Water Supply Plan 2005***

Policies in the Plan are consistent with the above noted guidances and have previously been found in compliance. Any changes in statute or rule that may have affected these areas has been addressed in Appendix C. No action is required.

**4. Policies promote and encourage the use of low impact development techniques (For example, provide development incentives for water efficient developments such as those that use the Florida Water Star<sup>SM</sup> program, a point-based certification program similar to the federal Energy Star program.)**

An EAR-based amendment will be identified to consider the development of policies that promote and encourage the use of low impact development techniques.

**5. Policies to protect water resources are not in conflict with the SJRWMD's environmental resource (ERP) and consumptive use permitting rules.**

An EAR-based amendment will be identified to incorporate the above requirement.

**6. Future Land Use Map designations assigned to SJRWMD's land and easements allow planned management activities.**

**EVALUATION AND APPRAISAL REPORT OF THE CITY OF FELLSMERE COMPREHENSIVE PLAN  
CHAPTER FOUR – RECOMMENDATIONS FOR POLICY AMENDMENTS TO ADDRESS CHANGES REQUESTED BY  
ST. JOHN'S ROVER WATER MANAGEMENT DISTRICT**

An EAR-based amendment will be identified to incorporate the above requirement.

**7. Proposed transportation corridors or facilities do not impact SJRWMD's land or easements.**

An EAR-based amendment will be identified to incorporate the above requirement.

**8. Policies that identify the SJRWMD as a receiver of easements include the statement "subject to SJRWMD's acceptance."**  
SJRWMD will review proposed easements that are not required by SJRWMD-issued permits, but may not accept them.

An EAR-based amendment will be identified to incorporate the above requirement.