

St. Johns River Water Management District Regional Water Supply Plan – Water Supply Entity Response Form

Water supply entities that received notification from SJRWMD regarding implementation of an Alternative Water Supply (AWS) project identified in a regional water supply plan are required to submit a status report **every year** indicating which AWS project(s) are planned or being implemented. This form may be utilized to update identified project(s) or submit new project(s) and must be received **by November 15** of each year. This annual progress reporting is **required** per section 373.709(8)(b), *Florida Statutes*.

Please remit forms to:

Ms. Kristi Cushman
Bureau of Water Supply Planning
St. Johns River Water Management District
P.O. Box 1429
Palatka, FL 32178-1429

Or e-mail: kcushman@sjrwmd.com

If you have any questions, contact Kristi Cushman by email or phone (386) 329-4308.

Submittal of complete information is required to update or add a new AWS project to a SJRWMD Regional Water Supply Plan. Failure to provide complete information may jeopardize eligibility for cooperative funding programs. All costing information, including unit production cost (see item 8 below), must be included. Please complete a separate form for each project.

Date: _____

Status of Project (check appropriate boxes):

☐ Update project in CFWI RWSP ☐ Update project in NFRWSP ☐ Update project in CSEC RWSP
or ☐ New proposed project

1. Name of water supply entity: _____

2. Contact person for this response:

Name: _____

Title: _____

Address: _____

Telephone Number: _____

Email address: _____

3. Name of project as described in the water supply plan (if applicable, also include the associated project number): _____

4. Description of project: _____

5. Status of project: Indicate if the listed step has been completed and completion date or, if not complete, provided projected completion date:

Financial planning: _____

Facilities master planning: _____

Permitting: _____

Construction: _____

On hold or not being implemented (state reason): _____

Insert updated information below for elements that have changed since submittal of last report.

6. Describe the type of alternative water supply project (check box):

☐ Brackish groundwater for potable use

☐ Surface water for potable use

☐ Seawater for potable use

☐ Reclaimed water

☐ Reuse augmentation

☐ Stormwater for irrigation

☐ Potable reuse (direct or indirect)

☐ Other - please describe _____

7. Provide the source and location of withdrawal (include a project location map): _____

8. Project information (all fields must be filled in)*

a. Average Daily Flow in mgd _____

b. Construction Cost \$ _____

c. Total Capital Cost \$ _____

d. Unit Production Cost** \$ _____

*A complete set of data is needed in order to add or revise your project. For assistance in developing project costs refer to the following Technical Memorandums:

- Wycoff, R., Water Supply Solutions Inc. 2010. *Cost Estimating and Economic Criteria for 2005 District Water Supply Plan*. Special publication SJ2010-SP4. Palatka, Fla.: St. Johns River Water Management District.
<http://static.sjrwmd.com/sjrwmd/secure/technicalreports/SP/SJ2010-SP4.pdf>
- Black & Veatch. *Engineering Assistance in Updating Information on Water Supply and Reuse Component System Costs*. Special Publication SJ2008-SP10. Palatka, Fla.: St. Johns River Water Management District.
<http://static.sjrwmd.com/sjrwmd/secure/technicalreports/SP/SJ2008-SP10.pdf>

- Wycoff, R., Water Supply Solutions Inc. 2008. *Water Supply Facilities Cost Equations for Application to Alternative Water Supply Projects Investigations and Regional Water Supply Planning*. Special publication SJ2008-SP13. Palatka, Fla.: St.Johns River Water Management District.
<http://static.sjrwmd.com/sjrwmd/secure/technicalreports/SP/SJ2008-SP13.pdf>

** *Unit production cost* is expressed in terms of \$ dollars per 1,000 gallons of finished water. See SJRWMD Special Publication SJ2010-SP4.

Unit production cost is the equivalent annual cost divided by the total annual water production. *Equivalent annual cost* is the total annual life cycle cost of the water supply alternative based on service life and time value of money criteria established herein. *Equivalent annual cost* includes: *Total capital cost, Operations and maintenance (O&M) costs* (with the facility operating at average day capacity), time value of money (annual interest rate), and facilities service life.

9. Provide quantity of reject/concentrate generated from process, if any: _____

10. Describe project's major components and capacities (check box):

- ☐ Wells _____ mgd
- ☐ Surface water withdrawal facilities _____ mgd
- ☐ Treatment facilities _____ mgd
- ☐ Tank or other storage facilities _____ mg
- ☐ Surface reservoir storage _____ mg
- ☐ Aquifer Storage & Recovery _____ mg
- ☐ Transmission lines _____ mgd
- ☐ Other (describe) _____ mgd

11. List proposed funding sources (specify amount from each source):

- a. Water supply entity \$ _____
- b. SJRWMD \$ _____
- c. Other water management district \$ _____
Name of other water management district _____
- d. State of Florida \$ _____
- e. Federal \$ _____
- f. Other \$ _____
- g. **TOTAL** \$ _____

12. Please describe the resource constraints that this project will benefit, if any, and the amount of benefit expected. For example, this project will benefit the MFLs at Lake _____ by increasing aquifer levels by _____ ft. under the lake. (Other constraints and benefits may exist for aquifer water quality, springs, wetlands, rivers, etc.)

Please provide any additional comments as needed:
