

# **Item 42: Kissimmee Basin Lower Floridan Aquifer Drilling and Testing – Site B**

Presented at  
**SFWMD Governing Board Meeting**

**February 10, 2011**



SOUTH FLORIDA WATER MANAGEMENT DISTRICT



# Issues

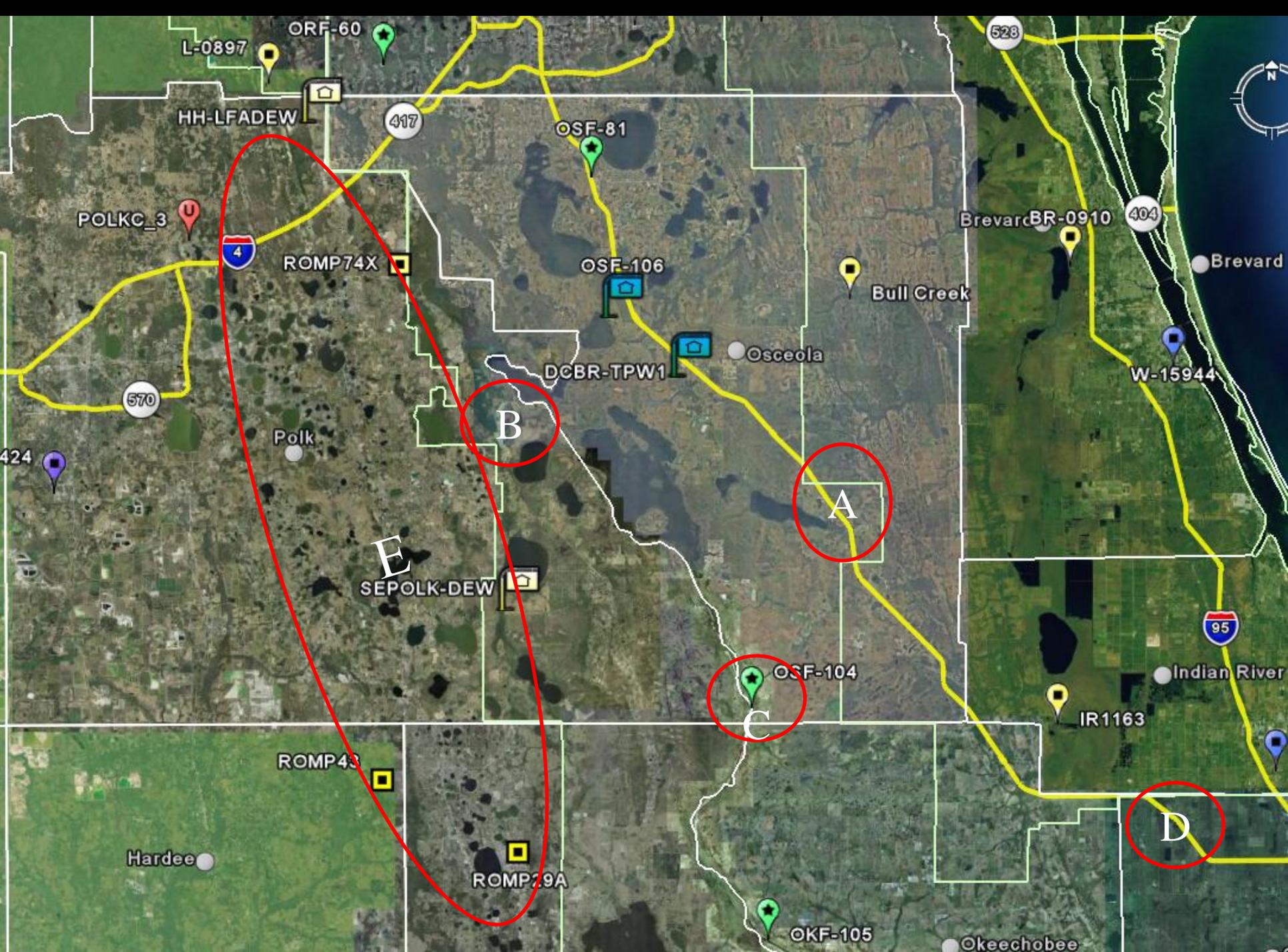
- **Growing water supply demands in Central Florida**
- **Traditional water supply sources very limited**
- **Upper Floridan Aquifer (UFA) withdrawals causing resource impacts (e.g., lakes, springs, wetlands)**
- **Little data regarding Lower Floridan Aquifer (1,500 to 2,700 feet below land surface)**

# Strategy

- **Explore Lower Floridan Aquifer as an Alternative Water Supply Source**
  - **Degree of connection to UFA and natural resources**
  - **Range of productivity and water quality**
  - **Spatial extent**

# Tactical Action Plan

- **Identify Five (5) areas (Sites A, B, C, D, and E) in Upper Kissimmee Basin and construct and test Lower Floridan Aquifer wells**
- **Sept. 2010 GB Meeting**
  - **5-yr plan, \$8.8 million,  4 years**
  - **FY2011, Site B, Three Wells**



# **Contract No. 4600002366**

- **Install and test three Floridan Aquifer Wells in FY2011 at Site B**
- **All-Webb's Enterprises -- lowest responsive, responsible bidder:**
  - **Contract Amount: \$1,475,693**
  - **Four bids received: \$1.475M to \$2.2M**
  - **Budgeted Amount: \$1,750,000**
  - **Substantial Completion: 250 days**

## **Staff Recommendation**

**A RESOLUTION OF THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT TO AUTHORIZE ENTERING INTO A 250 DAY CONTRACT WITH ALL WEBBS ENTERPRISES, INC., THE LOWEST RESPONSIVE AND RESPONSIBLE BIDDER, FOR THE KISSIMMEE BASIN LOWER FLORIDAN AQUIFER DRILLING & TESTING - SITE B, WHICH WILL RESULT IN COLLECTION OF ADDITIONAL GROUNDWATER DATA TO BE USED IN THE CENTRAL FLORIDA COORDINATION AREA PROJECT, IN THE AMOUNT OF \$1,475,693, FOR WHICH AD VALOREM FUNDS ARE BUDGETED; PROVIDING AN EFFECTIVE DATE.**