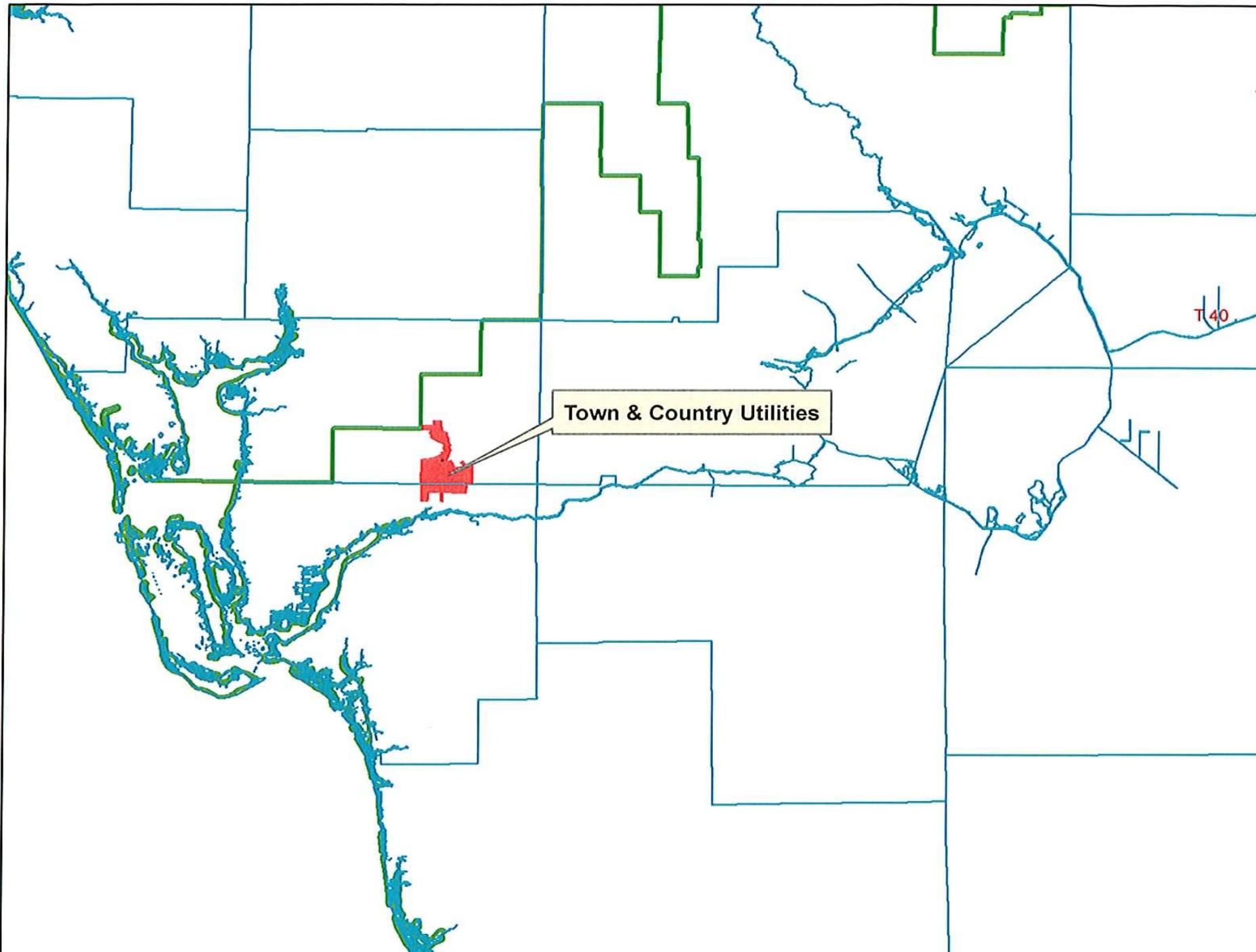


# **Town & Country Utility Consumptive Use Permit (Babcock Ranch Property)**

*Keith Smith, Deputy Director  
Water Supply Department  
October 11, 2007*



[sfwmd.gov](http://sfwmd.gov)



Town & Country Utilities

T40

## Project History

- Babcock Ranch permitted since 1979 for agricultural irrigation (73.8 MGD)
- Ranch property transferred to state ownership and developer in 2006
- Irrigation permit modified in March 2007 (allocation reduced to 31.6 MGD)
- Agricultural operation will reduce to 25% of historic acreage as farm leases expire and urban area develops
- Application made for Public Water Supply utility in July 2006

SR 74

BERMONT

SR 31

DIRT

08-00002-W  
Babcock Ranch

DIRT

STATE HWY 31

SR 720

DIRT

COCK BROWN

WILLIAMS

LITTLE FARM

Town and Country  
Utilities

Charlotte County  
Lee County

STILL

SUZAN

NORTH RIVER RD

NORTH RIVER RD STATE HWY 78

# Project Summary

- Applicant: Town & Country Utilities
- Use Type: Public Water Supply
- Allocation:
  - Annual: 1,969 million gallons (5.4 million gallons/day)
  - Maximum month: 205 million gallons
- Water Source: Floridan Aquifer
- Expiration date: October 11, 2027

# Project Summary

- Population: 44,950 (2027)
- Per Capita Use Rate: 100 gallons/day(treated)
- Treatment Types: Reverse Osmosis  
85% efficiency
- Alternative Water Supply:
  - Brackish Floridan Aquifer water for potable
  - Reclaimed water/Floridan Aquifer supplement for urban irrigation (separate permit)

## **Analysis of Requested Permit**

- **Impact analysis addressed:**
  - **Water Resource Availability**
  - **Existing Legal Users**
  - **Saline Water Intrusion**
  - **Wetlands**
  - **Sources of Pollution**
  - **Offsite Land Uses**
- **SWFWMD consulted because of project's proximity to Southern Water Use Caution Area**

# Special Limiting Conditions

- Five year compliance reports
- Monitoring for saline water intrusion
- Unaccounted for losses (new utility)
- Water Conservation Plan

## **Staff Recommendation**

**Approve issuance of Water Use Permit 08-00122-W (Application No. 060724-8), for Town & County Utilities for a 20 year duration subject to 27 limiting conditions**