

RFI Project Information and Map
DEP SRF WATER SYSTEM IMPROVEMENTS, PHASE 1
City of Green Cove Springs, Florida
CPH Consulting, LLC Client No. 8905-61-2 / Project No. M890561.200

I. Project Description

The City of Green Cove Springs (City) is applying for funding through the Florida Department of Environmental Protection's (FDEP) State Revolving Fund (SRF) Drinking Water (DW) program to fund and construct improvements to specific water system components that were designed and permitted under the SRF Design Loan Agreement DW100440. This project will implement critical drinking water infrastructure improvements at the Harbor Road Water Treatment Plant (WTP) and Bonaventure Elevated Storage Tank (EST) to enhance energy savings through pumping modifications, expand finished water storage capacities, and enhance system controls.

The proposed improvements include:

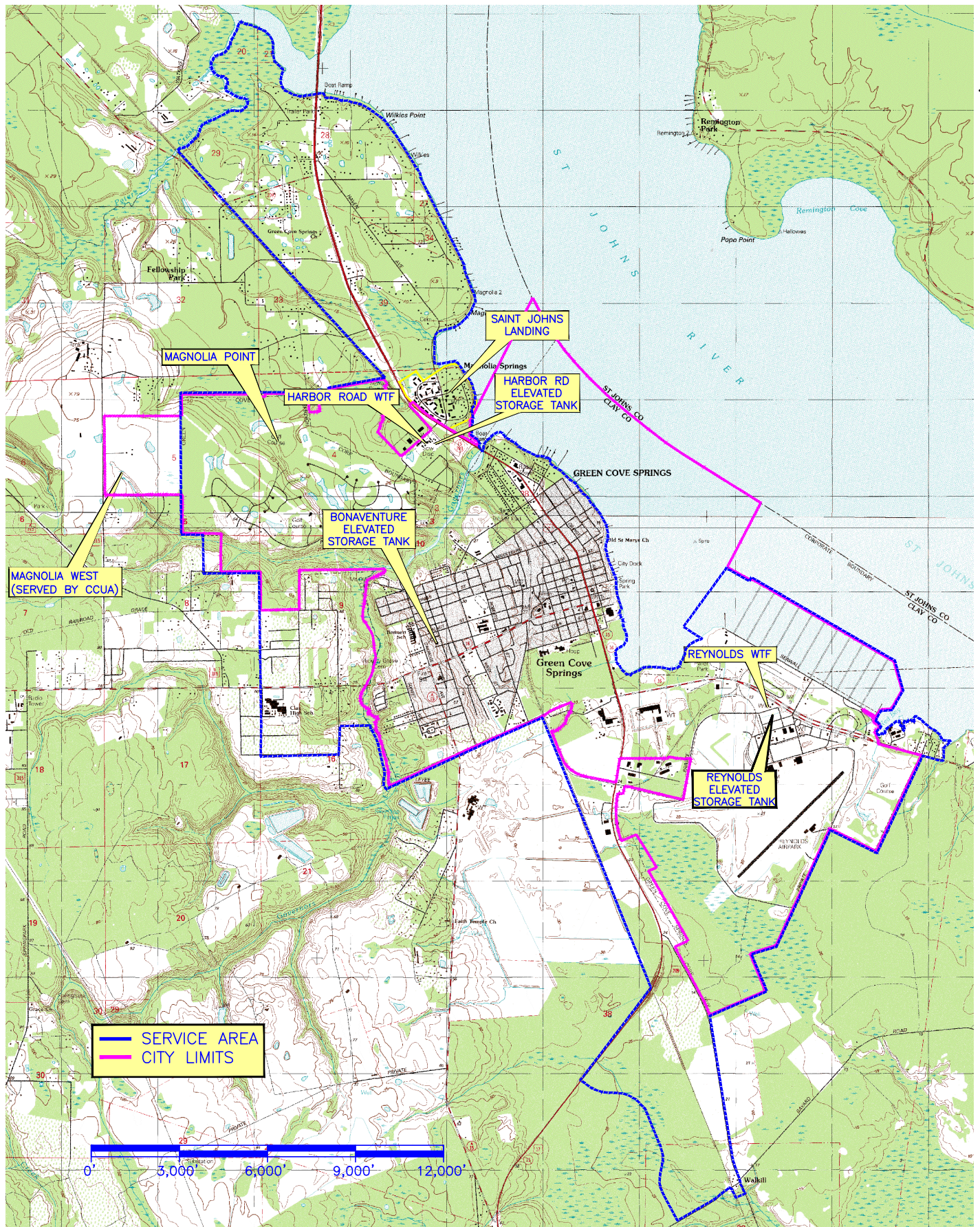
- Construction of an additional ground storage tank (GST 3) at the Harbor Road WTP to increase finished water storage capacity.
- Replacement of existing pumping system and construction of hydropneumatic tanks to more efficiently serve the customers including service pressure increases to allow removal of the current Clay County Utility Authority (CCUA) bulk service into Magnolia Point.
- Construction of replacement hydraulic control valves to enhance system functionality related to Magnolia Point high-pressure loop, Harbor Road EST, and Bonaventure EST.

II. Project Location

The City's Harbor Road WTP (PWS ID: 2100437) is located at 1277 Harbor Road, Green Cove Springs, FL 32043 (30.434166°, -81.696455°).

The facility locations and service area are provided on the following pages.

SCALE: 1" = 4,500'



CITY OF GREEN COVE SPRINGS
Water Facilities Plan
Overall Service Area Map
Clay County, Florida

FIGURE
II-1
May 2019
Project No.
8905-53-1

