

ATTACHMENT A —STATEMENT OF WORK

NORTH FLORIDA RECHARGE PROJECT TREATMENT WETLAND
AND RECHARGE FACILITY SITE INVESTIGATION, SELECTION AND
CONCEPTUAL DESIGN

I. Introduction

The Lower Santa Fe and Ichetucknee Rivers and priority springs (LSFIR), located in North Florida, are in recovery based on Minimum Flows and Level (MFL) rules adopted in 2015. The MFLs were re-evaluated in 2021, and the December 2022 status assessment found that the draft MFLs for the Ichetucknee River at the HWY 27 near Hildreth and the Santa Fe River at HWY US 441 near High Springs are in recovery, whereas the Lower Santa Fe River near Fort White is now meeting its MFL. This requires an updated recovery strategy to restore the systems. As such, the St. Johns River Water Management District (SJRWMD), in collaboration with the Suwannee River Water Management District (SRWMD), Florida Department of Environmental Protection (DEP) and stakeholders, are developing projects to achieve the MFLs.

As part of this effort, in 2024, a jointly funded cooperative study with participation by SJRWMD, SRWMD, FDEP, JEA, Clay County Utility Authority (CCUA), Gainesville Regional Utilities (GRU), and St Johns County Utilities Department (SJCUD), hereinafter referred to collectively as the Study Participants, was conducted by CDM Smith to evaluate potential projects for inclusion in the recovery strategy. The North Florida Regional Water Supply Plan Project Conceptualization (NFRWSPPC) study identified a conceptual regional project of sufficient scale to mitigate the impacts to the LSFIR MFL. The proposed project would also provide additional regional benefits for flow at other springs and surface waters, replenishment of the Floridan aquifer, and renewal of water supply resources.

The regional project would include:

- Storage, pumping, and transmission system to convey 40 million gallons of reclaimed water per day from the JEA Buckman Water Reclamation Facility (WRF), located at 2221 Buckman Street, Jacksonville, Florida, and the JEA Southwest Water Reclamation Facility WRF located at 5420 118th Street, Jacksonville, Florida, to a wetland treatment system
- Treatment wetland system to reduce nutrients and other pollutants to meet treatment requirements for recharge
- Storage, pumping, and transmission system to convey treated reclaimed water to the recharge site(s)
- Recharge site(s) where treated water is applied via recharge wetlands, rapid infiltration basins, recharge wells, or other means to boost aquifer levels to meet LSFIR MFLs and assist in meeting other future MFLs in the region.

The next steps in the process include:

- Treatment wetland and recharge facility site investigation, selection, and conceptual design.
- Development of governance and participation framework and agreements.
- Establishment of project funding.
- Land Acquisition.
- Design and permitting.
- Construction and Commissioning

This solicitation is for the treatment wetland and recharge facility site investigation, selection, and conceptual design.