

3.2 National Wetland Inventory

The U.S. Fish and Wildlife Service (USFWS) created and maintains the National Wetland Inventory (NWI) database of information on the characteristics, extent, and status of the wetlands and deepwater habitats within the U.S. This information is useful for planning purposes and provides an overall understanding of the habitats that may be present in or around the site. The NWI classifies habitat types as marine, estuarine, riverine, lacustrine or palustrine with additional modifiers as appropriate to identify the water regime, water chemistry, soil or other characteristics based on Classification of Wetlands and Deepwater Habitats of the U.S. (Cowardin, 1979).

TTL reviewed the NWI data for the site using the USFWS NWI Wetlands Mapper web-based tool to determine the potential for wetlands to exist within the project area. The USFWS NWI Mapper identified approximately one (1) wetland feature within the vicinity delineation area boundary. Figure 5 depicts the NWI Map, and Table 2 summarizes the habitat below.

Table 2: NWI Classifications

Map Unit Symbol	Description of Habitat
PFO1C	Palustrine; Forested; Broad-Leaved Deciduous; Seasonally Flooded
PFO4/1A	Palustrine; Forested; Needle-Leaved Evergreen / Broad-Leaved Deciduous; Temporarily Flooded
PFO4/1B	Palustrine; Forested; Needle-Leaved Evergreen / Broad-Leaved Deciduous; Saturated
PSS3B	Palustrine; Scrub-Shrub; Broad-Leaved Evergreen; Saturated
R5UBH	Riverine; Unknown Perennial; Unconsolidated Bottom; Permanently Flooded

3.3 Hydrologic Unit Code

Each hydrologic unit is identified by a unique hydrologic unit code (HUC) consisting of two to 12 digits based on the six levels of classification in the hydrologic system (USGS & USDA 2013). The U.S. is divided and sub-divided into successively smaller hydrologic units which are classified into six levels: region, sub-region, basin, sub-basin, watershed, and sub-watershed. The project is located within the western portion of the Suwannee basin 6-Digit HUC 031102 (Figure 6). The project is located within the Alapaha subbasin 8-Digit HUC 03110202, and within the Upper Mud Swamp subwatershed 12-Digit HUC 031102021001.