

Wetland Performance Standards				
Monitoring Variable	Monitoring Stations	Monitoring Interval	Interim Performance Standards^{1,3,9}	Final Performance Standards^{2,9}
Hydrologic Regime ⁴	10 wells with location coordinates provided on the attached "Wetland Monitoring Station Location" Chart	Annual	Maintain wetland soil saturation for a period of 24 to 29 consecutive days during the growing season for 50% or greater of the monitoring years with normal or drier than normal conditions. Must meet interim performance standard for a minimum of four years prior to moving to final performance standard. ^{5, 6}	Following achievement of interim performance, maintain wetland soil saturation for a period of 24 to 29 consecutive days during the growing season for 50% or greater of the monitoring years with normal or drier than normal conditions. Must meet final performance standard for three monitoring years with normal or drier than normal conditions. ^{5, 6}
Hydrophytic Vegetation	12 vegetation plots with location coordinates provided on the attached "Wetland Monitoring Station Location" Chart	Monitoring of herbaceous taxa will be conducted annually no later than mid-October ⁷	Maintain a prevalence index of 3.0 or less for four consecutive years prior to moving to final performance standard.	Following achievement of interim performance, maintain a prevalence index of 3.0 for three consecutive monitoring years.
Wetland and Upland Buffer Vegetation	15 buffer vegetation plots with location coordinates provided on the attached "Wetland Monitoring Station Location" Chart	Monitoring will be conducted annually no later than mid-October ⁷	Minimum of 150 planted saplings (trees) per acre with a minimum DBH of 1-inch or greater. Volunteer stems can be counted toward target performance if they (a) are 1-inch DBH at the time evaluated and, (b) identified on an approved species list. Vegetation plots must have three or more dominant species (defined by the Dominance Test) from the approved species list.	Following achievement of interim performance, minimum of 150 planted saplings (trees) per acre with a minimum DBH of 2-inch or greater. Volunteer stems can be counted toward target performance if they (a) are 2-inch DBH at the time evaluated and, (b) identified on an approved species list. Vegetation plots must have three or more dominant species (defined by the Dominance Test) from the approved species list.

Exotic/Invasive Vegetation	12 vegetation plots with location coordinates provided on the attached "Wetland Monitoring Station Location" Chart	Annual	Across all strata, a cumulative maximum of 5% absolute vegetative cover of all Category 1 and 2 species and a cumulative maximum of 10% when including Category 3 and 4 species as listed on the Georgia Exotic Pest Plant Council's List of Non-native Invasive Plants in Georgia (https://www.gaeppc.org/list/). Must meet interim performance standard for four consecutive years prior to moving to final performance standard. ⁸	Following achievement of interim performance, across all strata, a cumulative maximum of 5% absolute vegetative cover of Category 1 and 2 species and a cumulative maximum of 10% when including Category 3 and 4 species as listed on the Georgia Exotic Pest Plant Council's List of Non-native Invasive Plants in Georgia (https://www.gaeppc.org/list/). This performance standard must be achieved for three consecutive monitoring years. ⁸
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¹All interim performance standards must be achieved for the project to move to the final performance milestone. Failure to meet **ANY** interim performance standard for any individual monitoring unit will delay achievement of interim project performance and extend the monitoring period and/or require submittal of a formal adaptive management plan to address the deficiency.

²All final performance standards must be achieved to meet the final project performance milestone. Failure to meet **ANY** final performance standard will delay achievement of final performance and extend the monitoring period or require submittal of a formal adaptive management plan to address the deficiency. In the event of a final performance standard failure CCWA will coordinate with the USACE regarding corrective action.

³For each wetland compartment, if any monitoring variable does not meet the interim performance standard within six years of project implementation commensurate compensation will be required to be purchased for the replacement of that wetland compartment in the form of commercial mitigation credit.

⁴For each wetland compartment, failure to achieve this interim and final performance standard will result in 0% of the credit generation to be realized. After at least two years of failure to meet a performance standard, CCWA may terminate monitoring of all wetland performance standards on a wetland compartment and compensate for the associated wetland credit deficiency with the purchase of commercial mitigation credits.

⁵ Monitoring years will not be interrupted by years the standard is not met due to drought conditions. Wetter than normal conditions will not contribute toward meeting the hydrology performance standard. Drought conditions will be defined as drier than normal conditions (<30th percentile) through the application of the Antecedent Precipitation Tool (<https://github.com/jDetters-USACE/Antecedent-Precipitation-Tool>), and documented using methods described in Accessing and Using Meteorological Data to Evaluate Wetland Hydrology, Sprecher and Warne (2000).

⁶ If soil saturation exceeds 12% (i.e. 29 days) of the growing season the site remains in compliance unless an adverse change in the Wetland Vegetation performance standard is documented. All parties recognize the qualitative importance of wetland hydrology and the well-intended but theoretical nature of this target saturation range (i.e. not yet validated with field data). As data becomes available the applicability of this performance standard may be revisited.

⁷ Per the Draft Monitoring Guidelines & Performance Standards for Freshwater Wetlands and Non-Tidal Streams (2018) vegetation monitoring events (August - October) will be scheduled as near as possible to the same date(s) as previous monitoring events.

⁸ In the event a cumulative maximum of $\geq 5\%$ absolute vegetative cover of all species as listed on the Georgia Exotic Pest Plant Council's List of Non-native Invasive Plants in Georgia are documented, adaptive management measures will be implemented.

⁹ Revisions to performance standards may be approved through a formal mitigation plan modification.