

36. Permittee's total required offset (or "lift") to address its share of impact to Lakes Brooklyn and Geneva minimum flows and levels (MFL) as established by rule 40C-8.031(5), F.A.C., effective September 28, 2021 is 0.25 feet which is comprised of 0.10 feet resulting from Permittee's average water use for the years 2014-2018 and 0.15 feet for Permittee's water use over and above the years 2014-2018 (based on the Permittee's previous allocation of 30.0 MGD). The determination of the amount of lift needed to offset the impact on Lakes Brooklyn and Geneva MFLs from Permittee's water use is based on the Permittee's previous allocation of 30.0 MGD and the North Florida Southeast Georgia Regional Groundwater Flow Model version 1.1 (NFSEG) in combination with the KHTM local scale model version 2.0 simulation run by the District on July 9, 2021, and provided to the Permittee on July 13, 2021. The files associated with this model simulation have been filed with District Item no. 1426569.

Permittee has elected to participate financially in the construction and operation of the Black Creek Water Resource Development Project as a means of addressing its share of the required recovery of the MFLs for Lakes Brooklyn and Geneva and to ensure its future water use as specified above complies with the Lakes Brooklyn and Geneva MFL criteria by not causing a violation of the Lakes Brooklyn and Geneva MFLs. Permittee has entered into "Cost Participation Agreement No. 1 for Construction and Operation and Maintenance of the Black Creek Water Resource Development" with the District dated August 6, 2021, to purchase 0.25 feet of lift associated with the Black Creek Water Resource Development Project. As to Permittee's previous allocation of 30 MGD, Permittee is, therefore, in compliance with the Recovery Strategy for Implementation of the Minimum Levels for Lakes Brooklyn and Geneva, Condition 10 of this Permit, and the requirements of Rule 40- 2.301(2)(h), F.A.C., and sections 2.3(h) and 3.8 of the Applicant Handbook: Consumptive Uses of Water (December 11, 2025), relative to the Lakes Brooklyn and Geneva MFLs up to the 0.25 of lift purchased.

If Permittee elects to modify its wellfield operation plan in a manner that deviates from the aforementioned model simulation, Permittee and the District will use the North Florida Southeast Georgia Regional Groundwater Flow Model version 1.1 (NFSEG) in combination with the KHTM local scale model version 2.0 to determine if any additional deficit in the Lakes Brooklyn and Geneva MFLs will be caused by Permittee's revised wellfield operation plan. Upon mutual agreement of the District and Permittee, alternative groundwater flow models or future updates to the NFSEG Model version 1.1 or KHTM local scale model version 2.0 may be utilized for the determination of deficits and lift.

The Permittee is on notice that it must receive all other required authorizations, including permit modifications, to authorize the wellfield withdrawals identified in the aforementioned model simulation.

37. To address the Permittee's impacts to Lakes Brooklyn and Geneva MFLs associated with Permittee's proposed increase in allocation above 30.0 MGD, the