

1. ENGINEERING NARRATIVE

The Grumman Road Ash Landfill consists of four parcels; Parcels A, B1, B2, and B3. Each parcel contains a landfill cell. Parcel A operated under the Solid Waste Handling Permit number 025-034D(LI) and Parcels B1, B2, and B3 operated under the Solid Waste Handling Permit number 025-061D(LI). Parcel A (unlined) ceased receiving ash prior to the 1986 permit issuance for Parcels B1, B2 and B3. Parcels A and B1 were closed together in 2004 and the Certification for Closure was submitted to Georgia Environmental Protection Division (EPD) of Solid Waste Management Unit under a cover letter dated February 14, 2007. Parcels B2 & B3 were closed and certified by a closure report dated November 27, 2017.

The Grumman Road Ash Landfill is an Inactive Coal Combustion Residual (CCR) Landfill under the CCR Rule 391-3-4.10(2) and was closed in place. The facility stopped receiving CCR prior to October 19, 2015 and provided the formal notice of closure to EPD in a letter dated November 4, 2015.

Georgia Power Company (GPC) performed design calculations to support the original solid waste handling permit application for the Plant Kraft CCR Landfill. The design calculations were compiled in a report titled "Plant Kraft Grumman Road Ash Landfill Design and Operation Plan Supplemental Data", dated November 1998, signed and sealed by Herman Pollard, Jr. P.E. Additional design calculations were submitted along with a permit modification that were prepared by Atlantic Coast Consulting, Inc. (ACC). These design calculations are compiled in a report titled "Grumman Road Ash Landfill Parcels B2 & B3 Closure Final Cover Construction & ESPC Plans Design Calculations", dated October 2016, signed and sealed by Beth Headrick, P.E. The permit calculation were reviewed and found to meet the current design of the facility as constructed.