



NARRATIVE REPORT
REQUEST FOR CONDITIONAL USE
HALL COUNTY, GEORGIA

RE: 12.75 acres located on 1563 Calvary Church Road, Gainesville, GA 30507
Parcel ID 15031 000097

Southern Utility Group (the “Applicant”) respectfully submits this Narrative Report to the Hall County Board of Commissioners in support of an application for a conditional use approval for a hydro-extrusion material acceptance facility.

The intent for the property use is to receive a dirt and water mixture from hydro-extrusion operations. Hydro-extrusion, or hydrovac excavation, is a non-mechanical, non-destructive process that uses pressurized water and an industrial-strength vacuum to simultaneously excavate and evacuate soil. As hydro excavation breaks up soil, the soil and water slurry (mud) is conveyed by a vacuum to a debris tank. The mud then has to be placed somewhere safely, like this proposed location.

Southern Utility Group installs utilities for local public utility providers and uses hydro-extrusion in order to locate other utilities in rights-of-way areas. There will be one pond on the property and will receive the mixture of dirt and water. The mud will be spread next to this pond to dry. The dirt will then be used to refill holes from the hydro-extrusion. There will also be another filtration pond at a lower elevation from this pond in order to filter the stormwater. Below this filtration pond will be the “wet” stormwater pond additional filtering and pollution removal.

Records will be kept regarding the loads, source location, operator, and contents. A gate with a key code will be used to enter the facility. No additional treatment would be necessary because the imported material is only dirt and water. No other types of mixtures or slurry would be allowed. The construction will follow Hall County ordinances including the Storm Water ordinance by using other proposed downstream ponds for storm water management. No-spill lighting will be used if lighting is proposed, and these ponds will not be seen from public roads.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Irvin', is written over a large, stylized circular graphic element.

James Irvin, PE
Engineer for Applicant
Foothills Land Design, LLC