Dominion Resources
5000 DOMINION BLVD
GLEN ALLEN, VA 23060

Attn: Mr. Michael Glagola

Re: 4493 US 301 Hwy
Pleasant Hill, North Carolina

Dear Mr. Glagola,

It is my pleasure to offer this proposal for a dewatering pilot test for the Possum Point Power Station Ash Pond "E" Closure. This letter will detail the expected cost associate with the detailed task.

Our services for this project will be to assist GAI and Dominion on gathering the necessary data to allow for a proper dewatering design for Pond "E".

**Decant Pond "E"**

The surface water must be removed from Pond "E" in order to perform the test to follow. The water is currently controlled by a "flash board riser" outlet structure. In order to begin the test the flash boards will be removed and the surface water will be released. Once the surface water is released the flash boards will be reinstalled to insure the water from the test do not leave the site. This cost assumes no pumping.

Total Cost: $3,500.00

**Well Point Pilot Test**

The purpose of this test is to determine how impounded fly ash in Pond E reacts to dewatering and how dewatering affects fly ash pore pressure, stability, and excavatability.

The test is proposed to take place in the north western edge of the pond (this should be the finest material). The test will consist of the following:

1. Twenty-one (21) conventionally filtered (washed concrete sand) equally spaced wellpoints jetted in a single 100-foot long line.
2. Two wellpoints filtered with fabric and no granular material.
3. Five piezometers installed as wellpoints perpendicular to the wellpoint line.
4. Four tensiometer clusters installed between the piezometers. Each cluster will contain three instruments at approximate depths of 5, 10, and 15 feet below ground surface.
5. Testing of the water

The pond water will be used for jetting in well points and piezometers. The water pumped out of the well will be released into Pond "E".

Total Cost: $170,000.00

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**Rim Ditch Test**

The purpose of this test is to determine how impounded fly ash in Pond E will react to a rim ditch and how the ditch will affect the stability.

The test is proposed to take place across the center of the pond, this will show the distribution and behavior of both bottom and fly ash in the pond. The test will consist of the following digging with a Cat 320 Excavator a rim ditch across the center of the pond. Samples of the ash will be taken along the length of the ditch to retrieve permeability and grain size data. The water will not be discharged from the pond until directed by Dominion. Water samples will be taken for testing.

Total Cost: $30,000.00

Please take time to review this quote and contact me with any questions.

Thank You,

John Glover



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