22 March 1999

Mr. Dallon Thomas Woosley, P.E. Principal, Environmental Engineer Environmental Protection Division Georgia Department of Natural Resources Atlanta Tradeport, Suite 110 4244 International Parkway Atlanta, Georgia 30354 RECEIVED

MAR 23 1999

DAM SAFETY

Subject:

Transmittal of Report "White Paper, Seismic Stability Analysis"

Lake Petit Dam

Dear Mr. Woosley:

On behalf of the Big Canoe Property Owners Association (POA), GeoSyntec Consultants, Atlanta (GeoSyntec) is pleased to submit the enclosed white paper for your review and consideration.

The white paper presents additional information regarding the seismic stability analyses performed for the December 1998 report by GeoSyntec entitled "Evaluation of Stability and Rehabilitation Measures, Lake Petit Dam, Big Canoe, Georgia." More specifically, this white paper demonstrates that the seismic stability analyses performed for the December 1998 report are consistent with "Rules for Dam Safety" requirements and conform to accepted practice within the engineering profession and the dam safety industry. It is hoped that this white paper may assist you in reviewing the December 1998 report.

We appreciate the opportunity to present this white paper and provide additional information to the State Dams Program. Please contact either of the undersigned with questions regarding this report.

Sincerely,

Gary S. Schmertmann, Ph.D., P.E.

Columnt C. (Solm

Senior Project Engineer

for

R. Neil Davies, C.Eng., MICE, P.E. Associate

Enclosure

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