England Economic Industrial Development District 1611 Arnold Drive Alexandria, Louisiana 71303

Attention: Mr. David Broussard



Consulting Professional Engineers and Land Surveyors

Re: England Airpark

34± Acre Heavy Industrial Site Site Certification Program

Filling within Designated

FEMA Flood Area PAE Job No. 9502

Dear Mr. Broussard:

In regards to the above referenced project, the natural ground elevation of the site is approximately 2' below the established base flood elevation of 82.4 as established by FEMA.

Because of the expansive size of the base flood areas within this region of the State, whenever filling operations are anticipated for developments of the size and magnitude that may be anticipated for industrial or commercial development of this site, there are no compliance issues with local ordinance or other recognized standards that would prohibit placement of fill dirt within the flood hazard area.

It can be anticipated that any development on this site will require a filling operation for development of a building pad. It is quite likely that filling operations in parking lots and other storage areas and other storage areas will not occur, however, this decision would all be based upon the particulars of any client that might be interested in the site.

There are no local ordinances or standards that would prohibit the placement of fill on this site in regards to the track being located within a FEMA base flood area.

The cost for providing fill for the site would be site specific. A rule of thumb for early stage planning would be \$8 to \$10 per cubic yard for imported fill.

Under separate analysis, our office provided the England Authority with an estimate of costs for construction of a building pad with a size of approximately 300' x 500'. Review of this cost estimate could provide information as to typical costs anticipated for earthwork operations.

(Continued)

May 31, 2012

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If you have any questions or require additional information, please feel free to contact our office for assistance.

Yours very truly,

PAN AMERICAN ENGINEERS -

ALEXANDRIA, INC.

Thomas C. David, Jr.

TCDJr/rlv

Elevating 25 acres above the flood zone:

Site is on average 2 feet below base flood elevation.

25 acres x 43,560 square feet in an acre = 1,089,000 square feet in site

To raise by 2 feet  $1,089,000 \times 2 = 2,178,000$  cubic feet.

Converted to cubic yards: 2,178,000 divided by 27 (cubic feet in cubic yard) = 80,667 cubic yards

At \$8/yard = \$645,336

At \$10/yard = \$806,670