



17 May 2019

CHA Consulting, Inc.  
Burke Lakefront Airport  
1501 North Marginal Road  
Suite 200  
Cleveland, OH 44114

Re: Runway 3/21 Gradient Correction & Safety Area Improvements  
Bowling Green Warren County Regional Airport (BWG)  
Warren County, Kentucky

Mr. Heckroth:

The Kentucky Speleological Survey (KSS) is a non-profit organization dedicated to the study of cave and karst resources throughout the Commonwealth of Kentucky. Karst landforms, such as springs, sinkholes, and caves, are found throughout a large portion of the Commonwealth of Kentucky and have been known to cause significant infrastructure damage when not properly assessed. Additionally, caves are a major source of groundwater and provide habitat for many unique and rare species.

The Bowling Green Warren County Regional Airport is located on a major karst region of the state. As such, any land disturbance on the site needs to consider impacts to the karst resources of the site. The Kentucky Speleological Survey strongly urges for a karst resource inventory of the site coupled with geophysical studies of the subsurface. This information would help to ensure any new ground disturbance or placement of new pavements does not risk future collapse into underlying karst features as has happened multiple times in the area to other developments.

Additionally, the KSS acts as a repository for cave and karst information. We ask that any caves that are documented as part of this project be reported to us for archival purposes.

Kind Regards,  
**Kentucky Speleological Survey**

Sarah Arpin  
Board Representative