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Standard Procedures began to better understand collapse in karst terrain

Early **1960s** Environmental geology as a practice becomes mainstream and MGS geologists begin studies on geotechnical challenges and groundwater protection in varied geologic settings

**1967-1976** MGS geologists present initial results to various transportation forums including the Transportation Research Board in Washington, DC


Lagoon collapse drove creation of Standard Procedures

1978 West Plains Wastewater Lagoon Collapse became a catalyst for development of evaluation criteria

1988 began formally apply criteria and ratings to prevent significant collapses at earthen basin sites

Since that time, MGS has completed over 5,000 collapse potential evaluations for earthen basins

Where are we now?


Coordinated with DEQ-WPP to place this document on public notice from August 23, 2019 to September 23, 2019.

2 Comment Letters were received and included regulatory, procedural, and technical comments.

We anticipate the document to be reviewed and revised and will provide an update at the next Water Forum.
Feedback received will help improve the document

Draft responses to comments are under review and will result in:

- Improved clarity and readability
- Addition of the rating to the liquid waste evaluation report
- Addition of a process for reviewing supplemental information submitted after an evaluation is completed and amending a report if appropriate
Questions?