



PIPELINE INTEGRITY SOFTWARE SOLUTIONS

LIQUIDS HCA & EFRD ANALYSIS TOOL

Improved certainty & safety for crucial pipeline infrastructure

Audubon Companies' advanced Liquids HCA & EFRD Analysis Tool empowers critical decisions in analyzing high-consequence areas (HCAs) and emergency flow-restricting device (EFRD) locations.

End-to-end benefits to your pipeline project

Leveraging the latest advancements in geospatial technology and computational fluid dynamics, Liquids HCA & EFRD Analysis Tool provides fast, accurate, reliable, and high resolution analysis of crucial pipeline infrastructure. Implementing these actionable insights can help you improve certainty, reduce risk, and extend the lifecycle of your asset while ensuring pipeline integrity and safety for your personnel and the environment.

Pipeline routing editions

Our HCA & EFRD Lite Editions are also available for pipeline routing. These tools allow daily updates to could-affect segments, guiding timely decision making and increasing data resolution.

Key benefits

- Accelerated data-driven decision making
- Increased certainty & reduced risk
- Improved HSE profile
- High-resolution, dependable, accurate insights

Advanced features & functions

- Overland & hydrographic spread polygons
- EFRD volume plots
- Could-affect segment mapping
- Jurisdictional determination
- Scalability with Microsoft Azure®
- Compliance with PHMSA 49 CFR §195.452, pipeline integrity management in high consequence areas

Technical specifications

- ESRI ArcGIS—ArcMap, ArcGIS Pro, or ArcGIS online

