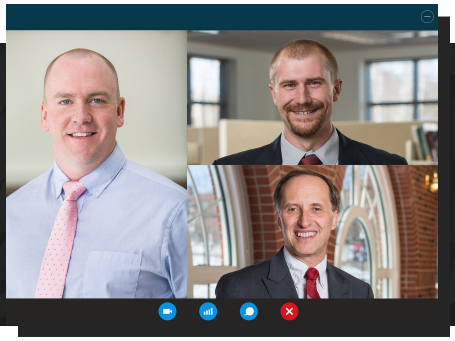
SANBORN HEAD

Sanborn Head Presents at Virtual AEHS Foundation Conference

OCTOBER 19, 2020



Three of Sanborn Head's technical staff demonstrated their expertise by presenting at the Association for Environmental Health and Sciences (AEHS) Foundation's Annual International Conference on Soils, Sediments, Water, and Energy. The virtual conference was held from October 19-23, and was equipped with a strong and diverse technical program with hundreds of attendees.

On the first day of the Conference, Stephen Zemba, PhD, PE presented, "Surface Water Standard: The Next PFAS Challenge?" His presentation focused on the surface water screening levels (SWSLs) for per- and polyfluoroalkyl substances (PFAS) and their potential implications. The commonly applied formula for establishing human-health based SWSLs was discussed with a focus on fish and drinking water ingestion rates, reference doses, water-to-fish bioaccumulation factors, and relative source contribution terms.

PFAS was also the subject of the presentation by Harrison Roakes, PE, "PFAS Data Analysis and Visualization: Exploration and Insights by Case Study." He discussed both challenges and opportunities for data analysis and visualization in support of improving evaluation and insights. The case study discussion included a site investigation where soil, sediment, surface water, and groundwater were impacted by PFAS.

In addition, Pat Malone, PE presented a poster co-authored by David Shea, PE and Tricia Pinto, PE, LSP, LEP on "Non-Traditional VI: Assessment and Mitigation of a Residential Multi-Family Building." Pat discussed the Vapor Intrusion (VI) assessment that Sanborn Head conducted at a multi-story, multi-family residential building that was downgradient from and within a chlorinated volatile organic compound groundwater plume associated with a former industrial facility. He also discussed the success of the mitigation efforts.

Follow the link to view the presentation abstracts, available on the AEHS website.