

# AFFILIATED RESEARCHERS

ENVIRONMENTAL RESEARCH, MAPPING & TECHNOLOGY

## Affiliated Researchers Performs Vibracore Sediment Sampling at USEPA Area of Concern



Specializing in environmental research, mapping, and technology, [Affiliated Researchers](#) has provided its sediment sampling services on more than 200 project locations throughout the U.S. to include numerous sites throughout the Great Lakes region. Our most recent project involved vibracore sediment sampling at the USEPA Saint Louis River *Area of Concern*, Duluth, Minnesota.

[Affiliated Researchers](#) utilized its *Rossfelder* vibracore system supported by our shallow-draft 20' pontoon vibracore vessel. Due to the location of the sampling sites, the vibracore vessel needed to be craned over a railway bridge. This complex logistic required a team effort that [Affiliated Researchers](#) had successfully performed on past projects.

Several of the sampling locations at this project site were in a challenging marsh environment, which required access by foot. Our Team waded hundreds of yards through the marsh to the sampling locations, carrying a custom-built tripod to successfully collect sediment core samples. The ingenuity and stamina required by our Team to complete this project was acknowledged by the client.

Click the Image to see Aerial Photogrammetry of this project in Action!



[Affiliated Researchers](#) utilized its' RTK-GPS survey equipment to navigate to and collect accurate precise positions and elevations at each sampling location. In addition to this technology, our FAA licensed drone pilot launched our *Matrice 600* drone to provide aerial coverage for our client. The aerial video of the work further depicts the intense logistics needed to successfully complete this project.

The vibracore sediment samples were capped, labeled, documented, and sent to a certified laboratory for analysis. [Affiliated Researchers](#) provided accurate coordinates for each of the collected sediment samples.

[Affiliated Researchers](#) maintains Commercial Liability, Professional Liability, and Workman's Compensation with Maritime coverage (to include Jones Act, and USL&H). Our vessels are safe, commercially insured, and meet USCG requirements. Our staff members have current certifications for First Aid, CPR, boat operation, and HAZWOPER.



Please visit our website at [www.affiliatedresearchers.com](http://www.affiliatedresearchers.com) or give us a call to discuss how our Team can support your project.

## AFFILIATED RESEARCHERS

has become a recognized industry leader in providing technically advanced environmental research, mapping, and reporting services.



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