

# AFFILIATED RESEARCHERS

ENVIRONMENTAL RESEARCH, MAPPING & TECHNOLOGY

## Affiliated Researchers conducts Vibracore Sediment Sampling in Support of a Dredging Project at a Major Shipping Channel

Affiliated Researchers has successfully performed numerous vibracore sediment sampling projects throughout the Great Lakes Region, and beyond. We kicked-off our Spring season with a pre-dredge sediment sampling subcontract at a major shipping channel and USEPA *Area of Concern*.



A request for our underwater sediment sampling services from the Prime Contractor came on a Thursday afternoon, and the Team were on-site with boat and equipment the following Tuesday.

Affiliated Researchers mobilized its Team of Scientists and Technicians, its 20' pontoon sampling vessel, its *Rossfelder P-3* vibracore system, and its RTK-GPS survey equipment. Sediment samples were collected at specified locations, in 3" diameter polycarbonate core-tubes.





Affiliated Researchers' Team utilized its RTK-GPS survey equipment, with horizontal and vertical accuracies of  $< 0.05'$ , to obtain accurate sampling positions and elevations. The water elevations were compiled with water depth soundings to accurately calculate sediment elevations, in NAVD88 datum at each sampling location.



Affiliated Researchers takes pride in its ability to efficiently mobilize and

successfully manage even short-notice projects. This project was yet another exciting example of how our Team with our proven technologies can provide quality results.

Affiliated Researchers provides its services nationwide. Please contact our office to discuss your sampling or other project requirements



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

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.



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