

Mussel Surveys



Columbus
Cleveland
Dayton
Cincinnati

All native mussel species are protected in Ohio through the Ohio Revised Code. In addition, ten federally listed mussel species occur in the state and are protected through the Endangered Species Act. These regulations require all streams that contain freshwater mussels or their potential habitat be surveyed prior to any stream disturbance.

In 2013, the Ohio Department of Natural Resources and the US Fish and Wildlife Service published the Ohio Mussel Survey Protocol to standardize survey methods and the level of effort required for various common project types. This document also categorized Ohio streams and rivers based on the drainage area of the water body and the potential for finding federally listed species.

L&A is prequalified by ODOT in ecological surveys, as well as all other environmental categories. Our team includes three state certified surveyors and one federally licensed surveyor who are well-versed in the Ohio Mussel Survey Protocol. Over the last two years they have completed more than 30 surveys across the state ranging from a simple slide repair to a major bridge widening/replacement. Their capabilities include:

- Reconnaissance Surveys
- Unlisted, Group 1/3, Group 2/4 Surveys and Relocations
- Biological Assessments
- Agency Coordination

Task leaders and supporting staff are SCUBA certified to allow us to safely survey streams of all size.



WE OFFER:

Responsive, client-focused technical expertise with attention to detail
Value-oriented, practical solutions to avoid or manage environmental concerns
Qualified staff with professional certifications relevant to required services
Established relationships with local and state agencies

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Partner with the Environmental Professionals

WE ARE:

Registered Professional Engineers
VAP Certified Professionals
Air and Noise Specialists
Ecologists
Archaeologists
Asbestos and Lead Specialists
Architectural Historians
Certified Professional Geologists
Certified Industrial Hygienists
Microbiologists
LEED Accredited Professionals

Lawhon & Associates, Inc. (L&A) provides full-service environmental and engineering consulting services to the public and private sector. The company was founded in 1985 and attributes its success to providing responsive, client-focused technical expertise through the personal direction of the principals and senior staff. Headquartered in Columbus, L&A also has offices in Cleveland, Dayton and Cincinnati, Ohio.

We understand dealing with environmental challenges can divert time and resources away from your core mission. L&A's engineers and scientists possess the knowledge and experience to identify potential environmental liabilities and prioritize needs and response actions that meet project and stakeholder objectives. Our clients can depend on us to provide accurate, practical and cost-effective solutions—backed by technical credentials and professional certifications relevant to the services we provide.

L&A is a women-owned, small business and a licensed engineering company in the State of Ohio. The firm maintains numerous local and state government DBE certifications.

Sanitary Sewer Line Installation

CITY OF AKRON

Group 1 Mussel Survey and Relocation
Cuyahoga River, Summit County

Little Miami Recreational Trail

OHIO DEPT OF NATURAL RESOURCES

Group 2, Phase I Survey and Relocation
Greene and Warren, Counties

Concord Road Bridge Replacement

ODOT/PREBLE COUNTY ENGINEER

Unlisted Stream Mussel Survey and Relocation
Four Mile Creek, Preble County

SPECIALTIES:

Natural and Cultural Resources
Air and Noise Analyses
Environmental Site Assessment
Hazardous Building Materials
Indoor Environmental Quality
Environmental Engineering

FOR ADDITIONAL INFORMATION:

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ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES