

## Professional Environmental Assessment, Risk Evaluation, and Remediation Services

**S**AS Environmental, Inc. provides environmental assessment, risk evaluation, and remediation services to clients including industry, financial institutions, real estate developers, venture capital groups, legal and professional organizations, municipalities, and other commercial organizations with interests in Ohio and neighboring states. We possess strong experience and expertise in a variety of service areas including:

- ◆ Ohio Voluntary Action Program and other Brownfields Projects;
- ◆ Environmental Due Diligence/Liability Assessment;
- ◆ Geologic/Hydrogeologic Investigations;
- ◆ Landfill Leachate and Landfill Gas Collection Systems Operations & Maintenance;
- ◆ In-situ Remediation Systems Design, and Systems Operations & Maintenance;
- ◆ Human and Environmental Risk Assessments;
- ◆ UST Assessments, Remedial Actions and Closures;
- ◆ Asbestos Surveys and Sampling;
- ◆ Solid Waste Management Facilities Assessment, Monitoring, and Permitting;
- ◆ Hazardous Materials Management;
- ◆ CERCLA RI/FS and Remedial Design;
- ◆ Spill Prevention Control and Countermeasure (SPCC) Plans;
- ◆ RCRA Corrective Actions and Closures; and
- ◆ Environmental Litigation Support.
- ◆ Audits of Industrial Waste Water Treatment Plants (WWTPs) and Transportation, Storage, and Disposal (TSD) Facilities.

Adaptability is one of our strengths, and allows us to respond to the unique needs of individual clients. Our staff possesses a diverse set of skills and experience, which allows us to assemble project teams suited to the requirements of each project.



## Overview of SAS's History, Experience, and Service Capabilities

**A**ttesting to the quality of our services, SAS has grown to 20 professionals since its inception in 1995. SAS is comprehensively insured with \$5 million aggregate coverage and minimum \$1 million per-occurrence coverage (general liability, errors and omissions, and contractors' pollution liability). SAS's clients include Fortune 500 companies, a long list of mid-size and small companies, and local government organizations, as well as other environmental consulting firms. Our direct project-related experiences include:

- ◆ **More than 30 Ohio Voluntary Action Program projects (including 9 No Further Action Letters, 2 Urban Setting Designations, and 5 Ohio EPA Covenants Not To Sue);**
- ◆ **CERCLA-driven RI/FS and RD/RA projects** involving industrial properties in buried valley aquifers and other terrains in Ohio;
- ◆ **Multi-site environmental Due Diligence Investigations for acquisitions over \$150 million;**
- ◆ **Federally-funded Brownfields Demonstration Pilot Projects;**
- ◆ **Clean Ohio Funded Brownfield Assessments;**
- ◆ **Risk Assessment and Risk-based Corrective Action Projects** (numerous sites in the eastern US);
- ◆ **RCRA Corrective Actions** and hazardous waste management projects; and
- ◆ **In-situ Remediation Systems** at over 50 sites in Ohio and neighboring states (SVE systems, air sparging systems, groundwater collection and treatment systems, and leachate collection systems).



## SAS's Technical Management Team Training and Experience

**S**AS's principal partner and project managers each possess 10 to 20 years of experience in providing environmental and technical support services for a diverse group of clients. Through successful completion of projects under most of the major federal and state environmental regulatory programs, SAS's management team has established cooperative working relationships with state and federal regulators.

*Mark V. Allen CHMM (Chief Executive Officer)* has provided environmental assessment and remediation support services (as an employee of oil corporations and environmental consulting firms) in the Great Lakes Region since 1981. He has directed and managed complex environmental assessment and remediation projects in a variety of regulatory contexts. For more than a decade, his focus has been directed toward the design, installation, and operations and maintenance of in-situ soil and groundwater remediation systems, and landfill leachate and gas collection systems. He is well-versed in developing cost-effective remediation strategies, and evaluating remediation systems developed by others. He also has extensive experience with oversight of other consultants.

*Douglas W. Schwan (Chief Financial Officer)* provides SAS with over 25 years experience in business and financial management. His comprehensive experience allows him to negotiate competitive prices with vendors, act as a liaison with lending institutions, and maintains an Excellent "Prompt Pay Rating" as reported by Dunn & Bradstreet.

*Douglas P. Klicman, P.G., CP269 (Manager, Environmental Services)* is a Certified Professional in Ohio, a licensed professional geologist in several states, and has provided environmental and hydrogeological assessments and remediation services to clients throughout the eastern US since 1989. He has experience conducting projects under RCRA, the Ohio VAP, and numerous state UST programs. He has also conducted several audits of industrial WWTPs and TSD facilities both nationally and internationally.



## Senior Staff Qualifications (cont'd)

**Laurie B. Hillebrand (Project Manager)** has over 10 years of experience as a consultant focusing on all aspects of the environmental industry. At SAS, Ms. Hillebrand co-manages the due diligence section of SAS, and has been involved in executing ASTM, VAP, ODOT and HUD Phase I and Phase II assessments for lending institutions, developers, industries, and municipalities.

**Michael R. McVan (Project Manager)** has 10 years of experience in the environmental consulting industry. At SAS, Mr. McVan co-manages the due diligence (Phase I ESA) section of SAS. He is a Certified Asbestos Hazard Evaluation Specialist, performing asbestos surveys and sampling. He has also performed audits of TSD facilities.

**Mike J. Long (Project Engineer)** has over 7 years of experience providing environmental engineering services on a variety of remediation and landfill projects. As project engineer, he designs systems and prepares specifications, oversees installations and interfaces with regulatory agencies. He also prepares and negotiates operations parameters for Permit to Install and operate applications with regulatory agencies. He has also prepared and updated SPCC plans for various facilities.

**Neal K. Hess (Environmental Geologist)** has four years experience in the environmental consulting field for industries including; municipal solid waste and construction and demolition debris landfills, confined animal feeding operations, and various other industrial facilities.

### **SAS Receives the Cascade Capital Corporation Business Growth Award**

SAS was one of 34 businesses to receive the 2001 and 2002 Business Growth Award from the Cascade Capital Corporation. Every year, Cascade Capital Corporation honors businesses that achieve an increase of at least 100 percent or \$5 million sales during their most recently completed five-year period, or that increased total employment by at least 50 percent or 25 employees during that time. Cascade Capital Corporation recognizes companies located in Summit, Medina, Portage, Wayne, Ashland, and Holmes counties. As a recipient, SAS was featured in the cover story of the October 2001 Small Business News.

#### **SAS Environmental, Inc.**

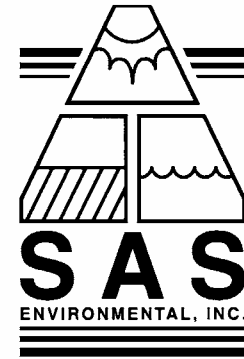
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[www.sasenvironmental.com](http://www.sasenvironmental.com)