

ALBERT “RUSSELL” SCHINDLER, P.G.

PROFESSIONAL SUMMARY

Over 29 years of experience developing, implementing and managing a wide variety of environmental projects and programs including; soil and groundwater remediation projects using various types of remediation, implementation of chemical, liquid waste, hazardous waste, and solid waste management programs and procedures, hydrogeological investigations, industrial regulatory compliance audit programs, sewer and water system needs evaluations, level I and II environmental (ASTM) property assessments, asbestos inspections and remediation, and mold inspections and remediation.

Developed and patented the money saving Enhanced Dissolved Oxygen Technology (E-DOT®) System, a ground water remediation/treatment system, which is becoming widely used across the country. Developed and patented the Multi-Arrayed Vacuum (MAV®) System, which is an effective and revolutionary free product recovery system. Also has a patent pending on the Per-Petual® System, a simple and effective hydrogen peroxide injection system for soil and ground water remediation/treatment and most recently developed the SampleServe.com data management and reporting software application.

CERTIFICATIONS

Professional Geologist #PG-000309-G, Pennsylvania
Certified Underground Storage Tank Professional #103, Michigan

PATENTS& PATENTS PENDING

#6,517,288: Direct Oxygen Injection Groundwater Remediation Method and System
#6,719,904: Enhanced Dissolved Oxygen Ground Water Remediation Method and System
#6,740,238: Enhanced Dissolved Oxygen Ground Water Remediation Method and System
#6,746,605: Multi-Arrayed Vacuum Recovery Method and System for Groundwater Wells
#6,866,781: Direct Oxygen Injection Groundwater Remediation Method and System
Application #62/282,832: System and Method for Managing Sample Data and Documentation

EDUCATION

B.S. Earth Science, 1987, Western Michigan University, Kalamazoo, Michigan

EXPERIENCE

Principal/President, SampleServe.Com (sampleserve.com).

Traverse City, Michigan; February 2002 – Present

- Founded SampleServe.Com in 2002. Developed environmental monitoring well sampling service and an online environmental data management system.
- Work with programmers to develop new applications, reports and special functions. Developed mobile application that will print bar-coded sample bottle labels in the field at the point of collection for laboratories. Beta test applications prior to implementation.
- Responsible for all marketing, sales and business development. Perform marketing/sales presentations to laboratories, environmental engineering and consulting companies, and petroleum companies.

Principal/President, American Remediation (americanremediation.com).

Traverse City, Michigan; 2001 - Present

- Founded American Remediation in 2001. Provide system design and project management-consulting services to other environmental engineering and consulting companies.
- Install soil and ground water remediation systems as both a general contractor and a managing consultant. Build and sell oxygen and hydrogen peroxide injection control panels associated with the E-DOT[®] and Per-Petual[®] Systems.
- Develop new techniques in soil and ground water system installation. License system technologies (patents and patents pending) to other environmental remediation system installation companies throughout the United States.
- Responsible for all marketing, sales, and business development. Perform marketing/sales presentations to environmental engineering and consulting companies and regulatory agencies throughout the United States.

Special Projects

Project Officer / Technical Specialist, FEMA/URS Technical Assistance Contractor

Biloxi, Mississippi; December 2005 – May 2006

New Orleans, Louisiana, November 2006 – June 2007

New Orleans, Louisiana, September 2007 – June 2008

Austin/Galveston, Texas, September 2008 – February 2009

- Assessed damage related to hurricane Ike and developed cost estimates and prepared Worksheets for federal assistance/reimbursement. Projects included water systems, sewer systems and storm water systems in numerous Municipal Utility Districts impacted in the state of Texas.
- Assessed damage related to hurricane Katrina and developed cost estimates and prepared Worksheets for federal assistance/reimbursement. Projects included water systems, sewer systems and storm water systems in both the city of New Orleans and the state of Mississippi.
- Technical assistance included the identification of long-term environmental infrastructure issues (sewer systems, water systems, storm water systems and other environmental matters) of importance to recovery of the five most impacted Mississippi coastal counties.
- Provided long-term recovery planning technical assistance and support to designated communities (specifically assigned to Hancock County, MS) to create Recovery Plans, including the identification of “high value” recovery projects and assist in the coordination of these plans with the local Hazard Mitigation Plans.

Special Projects

HAZMAT Environmental Coordinator, Halliburton/KBR.

Mosul, Iraq; December 2004 – May 2005

- Conducted regulatory compliance audits/inspections on base facilities. Advised Army on chemical and waste management and disposal practices. Implemented chemical, liquid waste, hazardous waste, and solid waste management programs and procedures.
- Provided advice and assistance to Army for subcontractor regulatory compliance enforcement.
- Project coordination for locating, planning, and construction of base solid waste incinerators.
- Performed on-base chemical inventory development for SARA “Right to Know” compliance.
- Additional responsibilities included management and supervision of remediation of spills and areas of contamination.

Principal/President, Compliance, Inc. (complianceinc.com)

Traverse City, Michigan; 1993 – 2002 (sold interest in company)

- Founded Compliance, Inc. in 1993. Built company from one person in 1993 to 28 employees and \$2,000,000 in sales in 2001 with an office in Traverse City and an office in Livonia, Michigan.
- Responsible for all marketing, sales, and business development. Performed and managed a wide variety of environmental projects including; hydrogeological investigations, soil and groundwater remediation projects using various types of remediation (including techniques developed, and patented), and level I and II environmental property assessments.
- Performed over 100 environmental real estate transaction assessments and been involved with several hundred-leaking underground storage tank (LUST) sites.
- Responsibilities for a wide variety of environmental projects including; hydrogeological investigations, hundreds of soil and groundwater remediation projects using various types of remediation (including development of new techniques), and level I and II environmental property assessments.

Project Manager, Environmental Solutions, Incorporated

Traverse City, Michigan; 1991 - 1993

- Responsibilities included hydrogeological investigations, soil and groundwater remediation projects using various types of remediation (including bioremediation), level I and II environmental property assessments, and other miscellaneous projects as needed.
- Responsible for sales, new project/client proposals, and business development.

Environmental Scientist, Techna Corporation

Plymouth, Michigan; 1990 - 1991

- Conducting regulatory compliance audits on industrial facilities, performing Level I and II Environmental Assessments.
- Supervision of UST installation to assure specification compliance. Performed in-plant chemical inventory development for SARA compliance.
- Additional responsibilities included asbestos surveys, soil sampling, waste sampling, management, and supervision of PCB remediation sites.
- Responsible for new project/client proposals and business development.

OTHER

Founder/Moderator, TCNewTech (TCNewTech.org)

Traverse City, MI June, 2015 - Present

A Science and Technology meetup with over 700 members. 5 presenters each month take the stage to highlight their new tech product or business venture they are working on. Each presenter is allowed 5 minutes to present and 5 minutes of Q&A. The audience is typically made up of technology-minded people and consists mostly of programmers, IT staff, people looking for opportunities for their tech company, tech companies looking for staff, individuals looking for investment opportunity, start-up founders looking for investors, and tech geeks that just like learning about new offerings

FURTHER EDUCATION

Training – FEMA, 631, Public Assistance Operations I&II, PAC Training; September, 2008

Training – FEMA, 406 Mitigation Class; February, 2007

Training – FEMA, 631, Public Assistance Operations I Class; December, 2005

Training – FEMA, 406 Mitigation Class; December, 2005

Seminar - Low Cost Remediation Strategies for Soil and Groundwater; January, 2001

Seminar - Comprehensive Groundwater Management Using Microsoft Access; October, 1999

Training - ASTM Risk Based Corrective Action Applied at Petroleum Release Sites; June, 1995

Seminar - CoBioReM Conference; March, 1993

Seminar - Bioremediation of Organic Chemicals in Soil and Groundwater; September, 1992

40-Hour Hazardous Waste Operator Training, 1988, Annual Refreshers - 1990 through 2016

PRESENTATIONS

Schindler, A.R., Western Michigan University “Hydrogeology Field Course – Environmental Data Management and Reporting Section”, Kalamazoo, Michigan, July, 2016.

Schindler, A.R., Western Michigan University “Hydrogeology Field Course – Environmental Data Management and Reporting Section”, Kalamazoo, Michigan, July, 2015.

Schindler, A.R., Western Michigan University “Hydrogeology Field Course – Groundwater Sampling and Monitoring Section”, Kalamazoo, Michigan, August 1, 2014.

Schindler, A.R., “SamplServe.com” Presentation, Michigan Department of Natural Resources and Environmental, Lansing, Michigan, February 18, 2010.

Schindler, A.R., “MAV, Per-Petual and E-DOT Systems” Presentation, Michigan Department of Environmental Quality, Lansing, Michigan, August 27, 2002.

Schindler, A.R., “MAV, Per-Petual and E-DOT Systems” Presentation, Ohio Bureau of Underground Storage Tank Regulations. Cleveland, Ohio, April, 2002.

Schindler, A.R., “MAV and E-DOT Systems” Presentation, Florida Department of Environmental Protection, Tallahassee, Florida, April 10, 2001.

Schindler, A.R., “MAV and E-DOT Systems” Presentation, Texas Natural Resources and Control Commission, Austin, Texas, April 12, 2001.

Schindler, A.R., and Peterson, M., “DO-IT, MAV and E-DOT Systems” Presentation, Illinois Environmental Protection Agency, Springfield, Illinois, March 23, 2001.

Finetti, J., and Schindler, A.R., “The DO-IT System and the MAV System” Presentation, Speedway SuperAmerica Environmental Staff, Enon, Ohio, March 16, 2000.

Rossi, J.E. and Schindler, A.R., “Residential Fuel Oil Tanks: Uncovering the Facts” Seminar, Park Place Hotel, Traverse City, Michigan, April 26, 1996.