APPENDIX E: Resumes

Neil P. DeRynck *Senior Project Manager*

EDUCATION and CERTIFICATIONS

Iowa State University, Master of Science in Geology, 1980
University of Iowa, Bachelor of Science in Geology, 1975
Iowa Groundwater Professional #1238, 1992 to 1996; 2009 to Present
Licensed Professional Geologist # 196-000528, Illinois, 1998 to Present
Registered Professional Geologist #RG0765, Missouri, 1996 to 2006
Operator Certification Water Well Contractor – Iowa Department of Natural Resources (expired)
Nuclear Testing Equipment Operator – Troxler Electronic Laboratories, Inc.

QUALIFICATIONS

Mr. DeRynck has practiced in the environmental field since 1980. He is currently employed as a Senior Project Manager at Seneca, responsible for numerous projects including leaking underground storage tank risk-based corrective action assessments, spill prevention control and countermeasure plans, storm water pollution prevention plans, Phase 1 environmental site assessments and others.

Prior to joining Seneca, Mr. DeRynck was employed as the Environmental Manager of a 65 facility construction materials supply company. Responsibilities included ready-mix concrete and concrete aggregate facility environmental auditing; permitting of industrial wastewater and storm water discharges; generation and implementation of industrial site storm water pollution prevention plans; landfill groundwater sampling and reporting; SARA Title III Toxic Inventory Release and EPCRA Tier 2 reporting; and generation and copresentation of a comprehensive environmental training program among others. For the same company, Mr. DeRynck was also employed as the Environmental Manager responsible for overall environmental compliance of a 140 employee cement manufacturing facility. Duties included administration and coordination of a Title V air emissions permit application; compliance with State air emissions permits; administration of emissions sampling and testing for NESHAPS compliance purposes; supervision of outfall sampling and reporting under industrial NPDES permit; TRI reporting; compliance with waste disposal regulations including initiation of waste streams; project management of asbestos abatements, noise monitoring, PCB disposal, sedimentation pond design and construction among others. Duties also included a geologic assessment of on-site quarry; land zoning change with presentation to county board; and periodic evaluation of available stone reserves by field surveying and computer modeling.

Other environmental experience has included employment as a Senior Project Manager responsible for review and completion of Phase 1 and Phase 2 environmental assessments, Iowa leaking underground storage tank (LUST) Site Cleanup Reports / Site Monitoring Reports / Free Product Removal reports, environmental and geotechnical proposals, quarry evaluations, materials testing and air quality testing.

Mr. DeRynck has been a Branch Manager responsible for startup of an engineering consulting office including responsibility for sales, safety, marketing, financial management, personnel, facilities management, environmental, geotechnical and materials testing implementation and management; scheduling; purchasing; quality control; exploration drilling; monitor well installation; nuclear density testing and drafting and an Engineering and Mining Geologist/Safety Director responsible for a wide variety of duties in both the consulting and producer settings. Experience includes among many others: mine permitting; sedimentation pond design; regional coal reserves evaluation; laboratory technician including operation of an atomic absorption unit; coal testing; noise monitoring; personal dust monitoring; interfacing with MSHA; and surveying.

PROFESSIONAL HISTORY

- Project Manager, Seneca Environmental Services, Inc., Bettendorf, IA
- Environmental Mgr., Prairie Material Sales, Inc., Dixon/Bridgeview, IL
- Senior Project Mgr./Branch Mgr., Maxim Technologies, Moline/Rock Island, IL
- Engineering Geologist, Engineering Surveys and Services, Columbia, MO
- Mining Geologist/Safety Director, Yates Energy and Development, Higbee, MO
- Mining Geologist, Iowa Coal Mining Company, Centerville, IA

Richard S. Vogel *Environmental Technician*

EDUCATION and CERTIFICATIONS

University of Minnesota, Ph.D. Economics, 1995
Michigan State University, B.A. Mathematics, 1986
40-hour OSHA Hazardous Waste Operator

QUALIFICATIONS

Mr. Vogel has practiced in the environmental field since 1998. He has completed numerous environmental projects for U.S. EPA, Illinois EPA, Iowa DNR, municipalities, and private industry and has completed many environmental site assessments (ESAs).

Mr. Vogel is also tasked with completing Phase I and Phase II Environmental Site Assessments (ESAs), technical report writing, environmental fieldwork, preparation of state LUST documents, and providing assistance in general project management. To date he has completed over 20 Phase I ESAs. These tasks include data compilation/interpretation, receptor surveys, contaminant fate and transport modeling, hydraulic conductivity calculations, as well as soil and groundwater sampling, hydraulic conductivity testing, field surveying, and site mapping field activities. He has successfully completed OSHA 40-hour training and subsequent Hazwoper 8-hour refreshers.

Through his employment experience he has gained extensive knowledge of environmental fieldwork, groundwater monitoring well installation, environmental sampling, sample analysis methods, land surveying, landfill gas extraction system installation, soil gas surveys, and installation and geotechnical certification of landfill liners.

Kelly J. Miles *Environmental Scientist*

EDUCATION and CERTIFICATIONS

University of Iowa, Bachelor of Science-Biology focus, Minor in Geology, 2004
Black Hawk College, Associates of Science, 2000
40-hour HAZWOPER, and 8-hour refresher courses
Licensed Tank Remover in Iowa, #1234, 3/9/2011 to Present
Asbestos Inspector in Iowa, #11-6814I, 12/8/2010 to Present

QUALIFICATIONS

Ms. Miles is a member of the Davenport environmental staff that is instrumental in data collection and report writing for Phase I ESAs, Iowa DNR reports and Iowa LUST documents.

PROFESSIONAL EXPERIENCE

Ms. Miles has worked on approximately 50 Phase I ESA reports for Seneca over the last two and a half years. More recently, she worked on three multi-site Phase I reports for the University of Iowa. In addition, she has assisted in the writing of Phase II reports, Pre-Purchase Audits, Asbestos reports, Tier I and II reports, SMRs, and SPCCs.

She has also spent time in the field collecting groundwater and soil samples, taking surveys, and performing hydraulic conductivity testing. In addition, she collects asbestos samples for analysis.

CURRICULUM VITAE

MICHAEL J. GRAHAM, PWS, WDC

President, Professional Wetland Scientist, Wetland Delineator Certified

GRAHAM ENVIRONMENTAL SERVICES, INC.

EXPERTISE

- Environmental Review Document Preparation
- Wetland Regulation
- Wetland Delineation and Functions/Values Analysis
- Wetland Mitigation, Banking and Restoration Planning/Design
- Technical Writing
- Preparation of NEPA documentation

ACADEMIC BACKGROUND

- BS, Recreation, Parks and Leisure Services; Resource Management Emphasis, Mankato State University, 1988.

REGISTRATION

- Professional Wetland Scientist, Society of Wetland Scientists, #000365
- Certified Minnesota Wetland Delineator #1179

PROFESSIONAL AFFILIATIONS

- Society of Wetlands Scientists (PWS #365)
- Minnesota Wetland Delineators Association
- Wisconsin Wetlands Association
- Minnesota Native Plant Society

SPECIALIZED TRAINING

- USACE Regulatory I – Introduction to Section 404 Clean Water Act and Section 10 Rivers and Harbors Act. Cincinnati, OH. 1988.
- USACE Regulatory II – Advanced training in Section 404 Clean Water Act and Section 10 Rivers and Harbors Act . Washington, DC. 1989.
- USACE Regulatory IV - Application of 1989 Wetlands Delineation Manual. Bismark, ND. 1990.
- Creating and Using Freshwater Wetlands. R.H. Kadlec, et al.; U.W.-Madison. 1991.
- Wetland Conservation Act Administrative Training. Various Locations. 2001 – 2009.

PROJECT RELATED EXPERIENCE

Mike Graham has over 22 years of experience as an Environmental Regulatory Specialist with the U.S. Army Corps of Engineers (USACE) and as a private consultant. He has extensive experience managing controversial and technically challenging projects that require in-depth analysis of federal, state, and local regulations. He has been President of Graham Environmental Services, Inc. since 2000.

- Regulatory Specialist, USACE, St. Paul District Regulatory Branch: Project Manager for review of various proposed projects under Section 404 Clean Water Act and Section 10 Rivers and Harbors Act. Wrote Public Notices and environmental assessments for projects which required individual Department of Army permits. Duties also required field work to identify and delineate wetlands to be altered by projects. Projects evaluated for regulatory compliance included lake, river and wetland dredging projects, erosion control projects, residential developments, Wisconsin Department of Transportation highway improvements and bridge projects, ditching projects, pond creation, road and trail construction, harbor and marina improvement projects, utility line projects, boat dock and boat ramp projects, bridge construction, fish habitat improvement and residential and commercial development projects. Coordinated closely with other regulatory officials from federal, state and local agencies. 1988-1990.

- EAW Manager and Primary EAW Author of The Legends golf course and residential development in Credit River Township, Scott County, Minnesota. Responsibilities also included wetland delineation, wetland mitigation design and permitting. 1999.

- EAW Manager and Primary EAW Author of the Murphy Farm Planned Unit Development (PUD) in the City of Farmington, Minnesota. Also conducted wetland delineations, prepared wetland mitigation design and wetland permit applications. 1999.

- EAW Manager and Primary EAW Author of the Vermillion Grove Planned Unit Development (PUD) in the City of Farmington, Minnesota. Also conducted wetland delineations, prepared wetland mitigation design and wetland permit applications. 1999-2000.

- Project Manager for wetland delineation, permitting, functions and values assessments and compensatory wetland mitigation for the Minneapolis/St. Paul International Airport reconstruction. All required permits were obtained in 1999 including an individual permit from the St. Paul District USACE, Minnesota DNR protected waters permit and Minnesota Wetland Conservation Act replacement plan approval.

Compensatory wetland mitigation included plans and specifications for the restoration of approximately 90 acres of wetland at three sites. Hennepin and Carver Counties, MN. 1996-2000.

- Principal Investigator for Minneapolis/St. Paul International Airport Dual Track EIS Process. Responsible for wetland and portions of wildlife sections of Alternative Environmental Documents, Draft and Final Environmental Impact Statements. These documents were reviewed by various regulatory agencies including the St. Paul District USACE. This project involved the evaluation of various environmental considerations for the reconstruction of Minneapolis/St. Paul International Airport at its existing location and at various alternative sites in Dakota County. Hennepin and Dakota Counties, Minnesota. 1992-1997.

- Project Manager for Watertown, Minnesota wetland restoration. Responsible for the design and management of the restoration of 60 acres of mitigation wetland. Conducted and supervised Minnesota DNR Dam permit application, hydrology analysis, soils analysis, plan and specification preparation, planting plan and project construction. This plan was reviewed and approved by the USACE, Minnesota DNR and local units of government. Watertown, Minnesota. 1999.

- Project Manager for Minnetrista, Minnesota wetland restoration. Responsible for the design and management of the restoration of 17 acres of mitigation wetland and adjacent upland restoration. Conducted and supervised field delineation of existing wetland on the site, hydrology analysis, soils analysis, plan and specification preparation, planting plan and project construction. This plan was reviewed and approved by the USACE, Minnesota DNR and local units of government. Minnetrista, Minnesota. 1999.

- Project Manager for wetland issues on Hennepin County State Aid Highway 18 reconstruction. Responsible for wetland permit preparation, interagency coordination, design and management of the planning of approximately 10 acres of mitigation wetland at various sites. Regulatory agencies involved in permit application and mitigation plan review included the USACE, Minnesota DNR and local units of government. Conducted and assisted the project engineer in the preparation of the hydrology analysis, soils analysis, plan and specification preparation, and planting plan. Among the mitigation sites designed was a 7.5-acre created wetland complex adjacent the recently constructed Corcoran City Hall. Hennepin County, Minnesota. 1994.

- Field Investigator for identification, mapping and classification on over 400 miles of natural gas and petroleum pipeline right-of-way in Minnesota, Iowa, Michigan, and North Dakota for various natural gas and petroleum pipeline companies. 1993-2000.

- Project Manager for preparation of Federal Energy Regulatory Commission Exhibit F Resource Reports on Water Use/Quality as well as Vegetation and Wildlife for 25 miles of new loopline in Michigan's Upper Peninsula. 1996.

- Project Manager for USACE Special Area Management Plan (SAMP) for the City of Virginia. This project involves an inventory and functions and values assessment of the wetland resources within the City of Virginia, Minnesota and an evaluation of impacts associated with future development according to the City's Comprehensive Plan. Virginia, Minnesota. 1994-2000.

- Principal Investigator for wetland issues on Townline Road (Hennepin County State Aid Highway 62) reconstruction. Worked closely with the County and with the engineering consultant in meetings with the USACE, Minnesota DNR, City of Minnetonka and City of Eden Prairie to identify and design 7 acres of wetland mitigation which was acceptable to all parties. Designed mitigation plans for mitigation sites in both cities for use in permit application submittals to the applicable regulatory agencies. 1994.

- Project Manager for development of a comprehensive plan to address wetland regulations as they pertain to the repair, replacement and abandonment of a natural gas pipeline facility in Minnesota, Wisconsin and Michigan. 1994.

- Author of a report regarding wetland regulations associated with natural gas pipeline maintenance and right-of-way operations activities in Minnesota, Wisconsin and Michigan. This included a comprehensive documentation of regulatory programs which applied to specific operations and maintenance activities. 1993.

- Project Manager for Minnesota Land Cover Classification System (MLCCS) cover typing of Hassan Township, Hennepin County, Minnesota. 2000-2001.

- Project Manager for Burnsville Sanitary Landfill, Inc. Proposed North Development Area and West Development Area expansions. Responsibilities include acquisition of federal, state and local wetland permits/approvals, wetland delineation, mitigation site assessment and design, presenting information to local, state and federal regulators and overall management of wetland issues. 2001 – 2005.

- Field investigator for wetland delineation and waterbody data collection as part of the MinnCAN Pipeline project for the Minnesota Pipe Line Company. Duties included field data collection of wetland and waterbody characteristics as well as collection of point and polygon features using sub-meter GPS equipment. Stearns and Morrison Counties, Minnesota. 2006.

- Minnesota River Floodplain Forest Restoration. Duties included plan development, project management, plan implementation and supervision of field crews for the preparation and restoration of approximately 15 acres of floodplain forest in the Minnesota River Valley in Savage, Minnesota. The former dredge disposal site was restored with over 4,500 seedlings and saplings as well as a diverse herbaceous mix. 2006-2009.

- Field investigator for wetland delineation and waterbody data collection as part of the Enbridge Southern Lights Pipeline project. Duties included field data collection of wetland and waterbody characteristics as well as collection of point and polygon features using sub-meter GPS equipment. Neche, North Dakota to Superior, Wisconsin. 2006-2008.

- Lead investigator for monitoring of wetlands crossed by Guardian II Pipeline Expansion Project. Duties included post-impact assessment of vegetative and hydrologic characteristics, collection of field data, input of data into a database and management of field staff, project schedule and budget. Jefferson, Dodge, Fond du Lac, Calumet, Brown and Outagamie Counties, Wisconsin. 2009.

- Black River Falls Prairie Restoration. Duties included writing a plan for a disturbed field to restore it to a mesic to dry prairie. The 1-acre site was prepared for seed and seeded with an appropriate native prairie mix. Management has included scheduled mowing and annual monitoring. Black River Falls, Wisconsin. 2007-Present.

Daniel B. Shaw

190 Hwy. 65
River Falls, WI 54022
Telephone: (715) 425-1492 e-mail: ansun@spacestar.net

WORK EXPERIENCE:

July 1 2011-Present
GRAHAM ENVIRONMENTAL SERVICES — Spring Valley, WI
Vegetation Specialist/Landscape Ecologist
Conduct rare plant and vegetation surveys. Develop restoration and management plans. Conduct project management for wetland, prairie and forest restoration projects. Provide wetland delineation and consulting services. Assist cities with environmental ordinance changes and environmental design. Develop technical publication on environmental topics.

April 2007-June 2011
MINNESOTA BOARD OF WATER AND SOIL RESOURCES — Saint Paul, MN
Vegetation Specialist Landscape Ecologist
Agency lead concerning vegetative identification, establishment and management issues for all agency programs, threatened and endangered species and vegetation issues specific to wetland delineation and classification. Conduct training, coordination and technical assistance on wetland and vegetation-related matters with state and federal agencies, local governments, private sector.

December 2005-April 2007
GREAT RIVER GREENING — Saint Paul, MN
Conservation Director
Oversee the operations work and manage operations staff. Develop and manage initiatives focused on restoration and water quality Best Management Practices (BMPs). Oversee approximately 50-70 ongoing projects. Write and manage federal, state and local grants. Work to develop innovation in the field of restoration and BMP design. Conduct outreach and training to professionals and the public.

September 2000-Present
UNIVERSITY OF MINNESOTA — Minneapolis, MN
Adjunct Assistant Professor
Developed and teach a class in the Landscape Architecture Department at the University of Minnesota on plant identification/plant ecology. Co-developed and taught a planting and restoration design class for three years.

April 2001-December 2005
GREAT RIVER GREENING — Saint Paul, MN
Landscape Ecologist/Project Manager
Conducted Vegetation Surveys and developed ecological management plans, stormwater and planting designs, restoration plans, and erosion control plans. Managed volunteer plantings and invasive species removal events. Managed interns and design staff.

September 2000-April 2001
PETERSON ENVIRONMENTAL CONSULTING — Mendota Heights, MN
Ecologist/Project Manager
Designed prairie, woodland and wetland restorations. Conducted vegetation surveys. Assisted cities with environmental ordinance changes and environmental design. Wetland delineation and consulting.

May 2000-July 2000 — Bloomington, MN
BARR ENGINEERING
Landscape Ecology Consultant
Conducted a plant survey of seven conservation areas in Eden Prairie. Developed a management plan in cooperation with Barr Engineering staff.

January 2000-June 2000

UNIVERSITY OF MINNESOTA — Minneapolis, MN

Research Assistant

Investigated alternative stormwater infiltration techniques for the St. Paul Central Rail Corridor.

July 1999-January 2000

MINNESOTA BOARD OF WATER AND SOIL RESOURCES — Saint Paul, MN

Wetland Consultant

With Dr. Susan Galatowitsch, developed the first complete guide to establishing and managing vegetation in Midwestern wetlands (Shaw, D., 2000, Native Vegetation in Restored and Created Wetlands, Its Establishment and Management in Minnesota and the Upper Midwest, Minnesota Board of Water and Soil Resources)

January 1999-June 1999

UNIVERSITY OF MINNESOTA — Minneapolis, MN

Research Assistant

Investigated alternative wastewater treatment systems for communities and developed methods to incorporate treatment systems into residential landscapes.

December 1997-December 1998

MINNESOTA BOARD OF WATER AND SOIL RESOURCES — Saint Paul, MN

Student Intern

Conducted a vegetation and structural inventory and analysis of 78 restored wetlands throughout Minnesota. Created a landowner questionnaire with Dr. Susan Galatowitsch to determine landowner satisfaction with wetland restoration and the Minnesota wetland banking process.

April 1997-September 1997

CRM ECOSYSTEMS/PRAIRIE RIDGE NURSERY — Mt. Horeb, WI

Restoration Technician

Conducted invasive species removal, prescribed burning, prairie and wetland planting, seed collection and propagation and general care of native plants.

EDUCATION:

May 1991 — B.S. Degree, Biology, Ecology Emphasis
University of Wisconsin Stevens Point, Stevens Point, WI

May 2000 — Masters of Landscape Architecture Degree
University of Minnesota, Minneapolis, MN

ECOLOGICAL SURVEY EXAMPLES:

Author of "West Side Bluffs, Ecological Inventory and Vegetation Management Plan"
http://www.greatrivergreening.org/_downloads/West_Side_Bluff_Plan.pdf
Author of "Mississippi River Gorge, Ecological Inventory and Restoration Management Plan"
http://www.greatrivergreening.org/_downloads/Gorge_Management_Plan.pdf
Author of "Cherokee Park Prairie, Ecological Inventory and Restoration Management Plan"
"Kinninick Valley School Forest Vegetation and Rare Species Survey" (In Process)