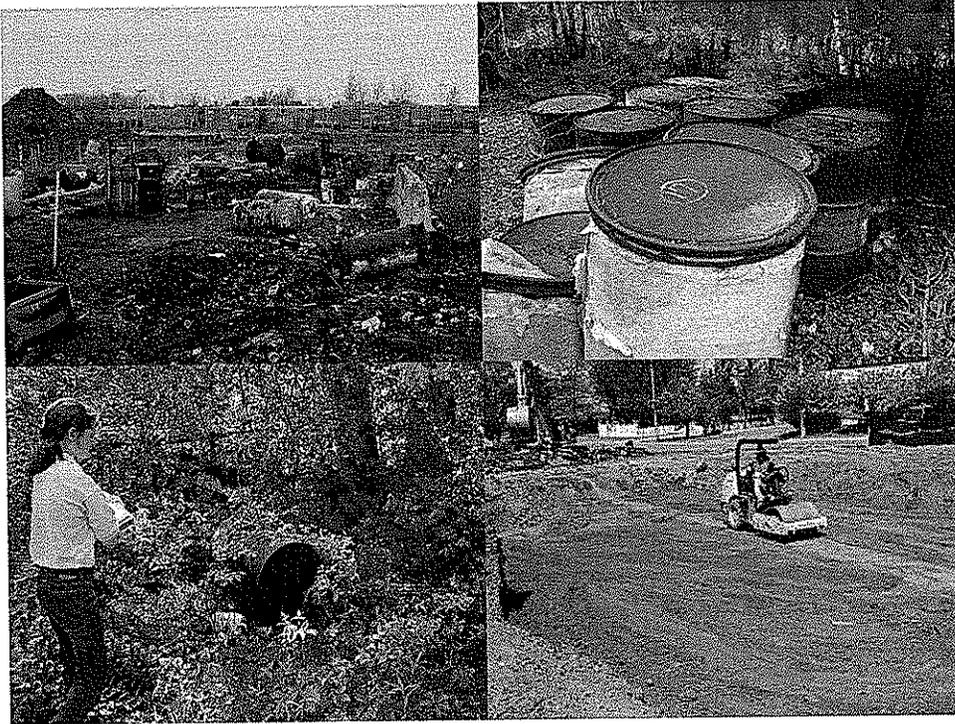


PROPOSAL

PROFESSIONAL SERVICES FOR MINNESOTA CONSTRUCTION TESTING AND INSPECTION SERVICES



prepared for

STATE OF MINNESOTA
DEPARTMENT OF ADMINISTRATION
REAL ESTATE AND CONSTRUCTION SERVICES

prepared by





Table of Contents

| | |
|--|-------------------------------|
| Cover Page | 3 |
| Introduction | 7 |
| Qualifications | 7 |
| Environmental Services | 7 |
| Geotechnical Services | 8 |
| Staff Professional Qualifications | 9 |
| Project Experience and References | 10 |
| Affidavit of Noncollusion | 21 |
| Location of Service Disclosure and Certification | 23 |
| Immigration Status | 24 |
| Insurance Certificate | 25 |
| Staff Resumes | |
| Fee Schedule | PROVIDED UNDER SEPARATE COVER |

COVER PAGE

a. **Subject:** RFP and Fee Schedule for Testing and Inspections Master Contract

b. **Statement of Interest**

Carlson Professional Services, Inc. (Carlson) is interested in performing the services as described in this Request for Proposal (RFP). We have the required professional staff to provide the following services as identified in Exhibit A:

- Geotechnical Services
- Phase I Environmental Investigation
- Phase II Environmental Investigation
- Remediation Services

c. **Company Information**

Complete Legal Name: Carlson Professional Services, Inc.

Mailing Address: 248 Apollo Drive, Suite 100
Lino Lakes, Minnesota 55014

County: Anoka

Legal Status: Corporation

d. **Federal ID Number:** 80-0401084

e. **State ID Number:** 9951323

g. **Website Address:** www.carlsonpsi.com

f. **State Vendor Number:** 20075091400

h. **Point of Contact** *and*

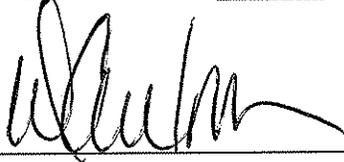
i. **Authorized Signer**

Name and Title: Wade Carlson, P.G., President

Phone Number: 763-489-7900

Fax Number: 763-489-7959

E-mail Address: wcarlson@carlsonpsi.com



Wade A. Carlson, P.G., President

CONSTRUCTION TESTING AND INSPECTION SERVICES RFP- EXHIBIT A

Name of Firm Carlson Professional Services, Inc.
Proposal Dated 12/11/09

Responder shall indicate the categories of tests and inspections for which the firm is qualified:

Geotechnical Services

- Pre-construction Soil Exploration and Testing
- Percolation Tests, Recommendations for Septic Systems
- Foundation and Pavement Design Recommendations
- Observation and Testing of Existing Soils during Excavation and Grading
- Laboratory Testing of Proposed Fill Material
- Observation and Testing of Fill and Backfill for Moisture, Compaction
- Other _____

Concrete Testing and Inspection Services

- Concrete, Grout Mix Design
- Observe and Document Formwork Construction
- Observe and Document Placement of Reinforcing Steel
- Slump, Temperature, and Air Entrainment Tests of Fresh Concrete
- Cast, Cure and Test Concrete Cylinders for Compressive Strength
- Other _____

Masonry Testing and Inspection Services

- Mortar, Masonry Fill Mix Design
- Laboratory Tests on Masonry Prisms
- Laboratory Test of Mortar and Core-fill for Compressive Strength and Bond Strength
- Special Inspection of Structural Masonry Construction (Continuous ___ / Periodic ___)
- Other _____

Structural Steel Testing and Inspection

- Strength Testing of Embedded Bolts
- Observe and Test Welded and Bolted Connections during Structural Steel and Precast Concrete Erection
- Observe and Test Welding and Screw Fastening during Metal Deck Installation
- Other _____

Pavement Testing and Inspection

- Observe and Test Rolling Operations on Subgrade Soils
- Field and Laboratory Tests on Aggregate Base
- Field and Laboratory Tests during Bituminous Paving (Continuous ___ / Periodic ___)
- Other _____

Fireproofing / Firestopping Testing and Inspection

- Test Installed Spray-on Fireproofing for Thickness, Density, Adhesion
- Observe and Document Installation of Fire-Resistive Joint Systems
- Other _____

Phase I Archaeological Resources Investigation

- Determine whether cultural resources are present within the project area, and whether these resources are potentially eligible for the National Register of Historic Places (NRHP).
- All field methods and reporting of the Phase I Archaeological Resources Investigation will comply with the Minnesota State Historic Preservation Office guidelines as well as federal guidelines, and will meet the requirements of the Secretary of the Interior's Standards.
- If an archaeological site is found, wash, analyze, and catalogue all recovered artifacts. Laboratory and curation procedures will follow appropriate standard guidelines
- Curate the artifacts at the Minnesota Historical Society under Contractor's curation agreement. Contractor's lab director will ensure that the cataloging and curation meet the requirements of Minnesota's repository guidelines.
- Other _____

Phase II Archaeological Resources Investigation

- Excavate and document designated features in accordance with Minnesota State Historic Preservation Office guidelines as well as federal guidelines, and will meet the requirements of the Secretary of the Interior's Standards.
- Record excavation data on standardized forms and in the log book of the principal investigator including location and methods of testing; the numbers, types, and locations of recovered cultural materials; the depth and thickness of excavated soil layers; soil textures and inclusions; and soil color according to Munsell color charts.
- Take up to 5 radiocarbon samples if suitable materials are encountered and complete standard radiometric analysis.
- Clean, catalogue, label and bag all recovered artifacts in accordance with professional standards and submit recovered materials to the Minnesota Historical Society for curation.
- Other _____

Phase I Environmental Investigation

- Complete a Phase I Environmental Site Assessment in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Document #8.
- Conduct a visual (existing structures) assessment for typical suspect asbestos containing materials (ACM).
- Assess the presence of PCBs at the subject site.
- Collect and evaluate available historical information to determine if evidence exists indicating an existing release, a past release, or a material threat of a release of hazardous substances, hazardous materials or petroleum products to the Property.
- Other _____

Phase II Environmental Investigation

- Prepare a work plan the Phase II Investigation in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Document #11 to determine if potential sources of contamination identified during

the Phase I Investigation are causing a release or threatened release of hazardous substances, contaminants or pollutants to the soil, surface water and ground water on the property in question.

- Prepare a site safety and contingency plan in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Document #10.
- Conduct Phase II Environmental Investigation in accordance with approved work plan and in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Documents.
- Other _____

Remediation Services

- Prepare and, upon approval, implement the Response Action Plan (RAP) and in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Documents.
- Following completion of the RAP, prepare an Implementation Report for submission to the MPCA for review and approval in a manner consistent with the American Society of Testing and Materials standard for a Phase I ESA and the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program Guidance Documents.
- Other _____

Comments:

INTRODUCTION

Carlson Professional Services, Inc. (Carlson) is a full-service environmental, engineering and land surveying consulting firm. Through our offices in Lino Lakes and Duluth, Minnesota, our staff of 32 professionals provide comprehensive services to complete a wide variety of environmental challenges for our clients. Our proposal will demonstrate that we have the technical expertise and resources necessary to conduct the services required by the Minnesota Department of Administration under this Master Contract.



QUALIFICATIONS

Environmental Services

Carlson staff regularly perform Phase I and Phase II Environmental Site Assessments (ESAs) in accordance with state and federal regulations on many types of properties.

Phase I Environmental Investigations

Our Phase I ESAs are conducted following guidelines established by the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Standard E1527-05; and ASTM E2247-08 "Standard Practice for Environmental Site Assessment Process for Forestland or Rural Property."

Phase II Environmental Investigations

Our Phase II ESAs are thorough and involve a comprehensive assessment of potential contaminants for a variety of sites to determine the probability for movement in the soil and/or ground water. We evaluate the liabilities associated with contamination so the most cost-effective and feasible cleanup method can be identified.

Subsurface exploration of soil and ground water conditions is an integral part of our services. We assign our experienced geologists and engineers to monitor field services for more complete acquisition of data and better understanding of the site. We apply our expertise in interpreting subsurface conditions and transfer this information to our clients in a timely manner. To support these work efforts, Carlson maintains a substantial inventory of survey, soil and ground water testing equipment, and environmental monitoring supplies.

Carlson staff also have extensive knowledge of petroleum and hazardous materials related investigations and cleanups. We are currently providing remedial investigation and monitoring services at numerous petroleum release sites in Minnesota and Wisconsin. Our services include project management, drilling oversight, sampling, coordinating analytical services with subcontracted laboratories, and reporting of results to regulatory agencies.

Carlson is pre-qualified with Mn/DOT for contaminated property assessments, and we are also a Mn/DOT pre-approved contractor for asbestos and regulated waste assessment services.

Carlson has a Master Contract with the Minnesota Department of Commerce (MDC) for their Petrofund funded Abandoned Tank Removal Program.

Remediation

Carlson has a strong background in remediation projects and has worked with a number of clients to successfully clean up properties such as vacant commercial and industrial facilities, power plants, dump sites, salvage yards, rail yards, service stations and dry cleaning sites.

Our project teams routinely develop comprehensive cleanup/remediation strategies consistent with our clients' objectives and in accordance with applicable local, state and/or federal requirements. We are experienced in all aspects of United States Environmental Protection Agency (USEPA) Remedial Investigations which typically include the preparation of detailed Field Sampling Plans (FSP), Quality Assurance Project Plans (QAPP), Standard Operating Procedures (SOPs), and Health and Safety Plans (HASP). We are also very experienced with the MPCA Voluntary Investigation and Cleanup (VIC) Program.

We bring a multi-disciplinary, problem-solving philosophy and approach to every project, incorporating technology and sound management principals with common sense and hands-on experience. Our staff has earned a solid reputation for excellent technical analysis and the ability to manage difficult and sensitive projects within a specified budget and schedule. Many of our projects also involve regulated waste assessments followed by removal/abatement oversight and documentation for asbestos abatement, lead based paint removal/encapsulation and regulated waste removal/disposal.

Geotechnical Services

Carlson's multi-disciplinary team of geotechnical engineers, geologists and technicians routinely provide the following services:

Soil Investigations

- Evaluation of subsurface conditions
- Evaluation of borrow sources
- Ground water level evaluations
- Boring log preparation

Construction Inspection

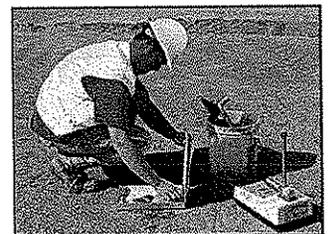
- Soil density testing
- Settlement analysis and evaluations
- Evaluation of subgrades and footings
- Excavation and backfill oversight

Laboratory Testing and Analysis

- Proctor
- Soil classification and grain size
- Organic content
- Moisture
- Gradations

Engineering

- Deep foundation design and inspection
- Foundation design recommendations
- Soil and rock slope stability analysis
- Bearing capacity analysis
- Retaining wall design parameters
- Lateral earth pressure analyses
- Design for subgrade improvement
- Pavement analysis and design
- Geotechnical design of caps and liners
- Shrink-swell soil analysis
- Infiltration analysis
- Undercut estimates
- Dewatering analysis



STAFF PROFESSIONAL QUALIFICATIONS

All projects are managed by senior staff members with a minimum of 15 years of environmental experience, and performed by experienced staff who have the relevant professional degree, licensure and technical knowledge. The following identifies the technical areas in which our staff are licensed, registered and certified:

| | |
|---------------------------------------|------------------------------------|
| AIHA Asbestos Analyst | Hazardous Waste Site Supervisor |
| AIHA PCM Analyst | Land Surveyor |
| Asbestos Air Monitoring Technician | Land Surveyor In Training |
| Asbestos Building Inspector | Lead Inspector |
| Asbestos Contractor | Lead Project Designer |
| Asbestos Inspector | Lead Risk Assessor |
| Asbestos Management Planner | Lead Supervisor |
| Asbestos Project Designer | Petroleum Environmental Clean-up |
| Asbestos Site Supervisor | Fund Act Consultant |
| Certified Ground Water Professional | Professional Engineer |
| Certified Hazardous Materials Manager | Professional Engineer In Training |
| Certified Industrial Hygiene Manager | Professional Geologist |
| Certified Wetland Delineator | Professional Geologist In Training |

All Carlson personnel involved with field projects have taken the OSHA 40-hour equivalent health and safety training; the annual eight-hour refresher course; and the eight-hour supervisory training course (if required). Additionally, employees are trained and certified in annual CPR and multi-media first aid every two years.

The following chart identifies the areas of expertise of Carlson staff as it pertains to the services described in the RFP. Resume summaries of staff are included at the end of this document.

| CONSTRUCTION TESTING AND INSPECTION SERVICES | Wade Carlson, PG | Jim Crowl, PG | Barb Ryan, PG, CHMM | Christy Steman, CHMM | Tracy Jacobs, CHMM | John Cannon, PE | Jeff Anderson, PE | Aric Olson, PGIT | Dan Steman | Joe Radach, PE, LSIT | Jill Keefe | Jeff Neise | Bill Jahn |
|---|------------------|---------------|---------------------|----------------------|--------------------|-----------------|-------------------|------------------|------------|----------------------|------------|------------|-----------|
| Geotechnical Services | | | | | | | | | | | | | |
| Pre-construction Soil Exploration and Testing | | | | | | | | ✓ | | ✓ | | | |
| Foundation and Pavement Design Recommendations | | | | | | ✓ | | | | ✓ | | | |
| Observation/Testing of Existing Soils during Excavation and Grading | | | | | | | | ✓ | ✓ | ✓ | | | |
| Laboratory Testing of Proposed Fill Material | | | | | | | | ✓ | | ✓ | | | |
| Observation/Testing of Fill and Backfill for Moisture, Compaction | | | | | | | | ✓ | ✓ | ✓ | | | |

| | | | | | | | | | | | | | |
|---|------------------|---------------|---------------------|----------------------|--------------------|-----------------|-------------------|------------------|------------|----------------------|------------|------------|-----------|
| CONSTRUCTION TESTING AND INSPECTION SERVICES | Wade Carlson, PG | Jim Crowl, PG | Barb Ryan, PG, CHMM | Christy Steman, CHMM | Tracy Jacobs, CHMM | John Cannon, PE | Jeff Anderson, PE | Aric Olson, PGIT | Dan Steman | Joe Radach, PE, LSIT | Jill Keefe | Jeff Neise | Bill Jahn |
| Phase I Environmental Investigation | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | ✓ | | |
| Phase II Environmental Investigation | | | | | | | | | | | | | |
| Prepare a work plan | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| Prepare a site safety and contingency plan | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| Conduct Phase II Environmental Investigation | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | | | ✓ | ✓ |
| Remediation Services | | | | | | | | | | | | | |
| Prepare and implement the Response Action Plan (RAP) | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | | | ✓ | ✓ |
| Prepare an Implementation Report for submission to MPCA | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | | | ✓ | ✓ |

PROJECT EXPERIENCE AND REFERENCES

The following information is a select representation of projects demonstrating Carlson’s experience relevant to the work required under this contract.

| | | | | | | | | | | | | | | | | |
|---|-----------------------------|------------------|--------------|-------------------------------|----------------------------------|----------------|--------------------|---------------------|-------------------------------|--------------|------------------------------|----------------------|------------|---------------|----------------|--------------------|
| PROJECT EXPERIENCE RELATED TO CONSTRUCTION TESTING AND INSPECTION SERVICES | CenterPoint Energy Pipeline | City of Moorhead | Mn/DOT TH 10 | Xcel Energy High Bridge Plant | Columbia Heights Industrial Park | Lee’s Wrecking | St. Paul Terminals | Mn/DOT TH 101/TH 13 | Columbia Heights Liquor Store | J&D Services | Port Riverwalk Redevelopment | Ah-Gwah-Ching Center | UMore Park | Boulder Creek | Columbia Arena | Riverfront Estates |
| Geotechnical Services | | | | | | ✓ | | | ✓ | | | | ✓ | ✓ | ✓ | ✓ |
| Phase I Environmental Investigation | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | | |
| Phase II Environmental Investigation | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | |
| Remediation Services | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | |

Service Areas: *Phase I Environmental Investigation • Phase II Environmental Investigation*

Ah-Gwah-Ching Center, Walker, Minnesota

Project Scope

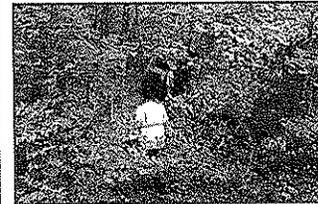
- Approximately 170 acres including a semi-developed state nursing home complex with 16 buildings
- Prepared a Phase II ESA Work Plan and conducted a Phase II ESA
- Identified the actual limits of the two buried waste dump sites
- Evaluated the cover soils for long-term care of the buried waste (stabilization) and proper surface water runoff control
- Delineated ground water impacts
- Evaluated potential surface water impacts
- Fulfilled requirements of the MPCA Voluntary Investigation and Clean-up program
- Determined the level of remedial action necessary to receive a "No Further Action" or "Certification of Completion" letter
- Prepared a Health and Safety Plan
- Prepared a Phase II Investigation Report and Response Action Plan

Client Reference

Wayne Waslaski
Minnesota Department of
Administration
St. Paul, Minnesota
651-201-2548

Start: 6/06

Completion: 1/07



Service Areas: *Phase I Environmental Investigation • Phase II Environmental Investigation • Remediation*

Mn/DOT TH 101/TH 13, Savage, Minnesota

Project Scope

- Limited Phase I ESA and Phase II Drilling Investigation on 1.8-mile corridor containing a mixture of commercial, industrial and undeveloped areas
- Satisfied "innocent landowner, contiguous property owner or bona fide prospective purchaser" limitations CERCLA liability
- Conducted following ASTM guidelines

Client Reference

Karlene French
Mn/DOT
St. Paul, Minnesota
651-366-3609

Start: 6/09

Completion: 12/09



Service Area: *Geotechnical*

UMore Park, Geological Assessment, Rosemount

Project Scope

- Determined the location, quality and quantified the marketable construction aggregates
- Drilled a total of 587 flight auger and 75 rotosonic exploratory boreholes
- Over 5,000 soil samples (sieve analyses) performed as part of the reconnaissance-level geological evaluation of the sand and gravel deposits that underlie the northerly 5,000 acres of the site
- Defined the drilling plan and approach
- Provided drilling oversight
- Defined the logging system
- Data management
- Surveying and GIS mapping

Client Reference

Steven Lott
 University of Minnesota
 St. Paul, Minnesota
 651-423-2455

Start: 8/07
Completion: 9/08



Service Areas: *Phase I Environmental Investigation • Phase II Environmental Investigation • Remediation • Geotechnical*

Former Lee's Wrecking, Blaine, Minnesota

Project Scope

- Abandoned salvage yard with significant volumes of auto parts and refuse covered much of the site
- Voluntary Investigation and Cleanup and Petroleum Brownfield site
- Investigation and cleanup of the site to facilitate redevelopment
- Phase I and Phase II ESAs to identify baseline contaminants in proposed areas of construction
- Asbestos and regulated waste assessments
- Removal of 701 cubic yards of visually impacted soil, 9,845 cubic yards of non-visually impacted soil, stabilization and disposal of 633 cubic yards of lead impacted soil, and other debris
- Excavation of contaminated soils and removal of refuse used to clean up the site to Tier II Soil Reference Values (SRVs) and Tier II Soil Leaching Values (SLVs)
- Successful in assisting City procure of over \$1,090,895 in grant monies for cleanup
- Geotechnical investigation
- Construction oversight and coordination for new 80,000 SF medical center

Client Reference

Bryan Schafer
 City of Blaine, Minnesota
 763-785-6144

Start: 10/04
Completion: 2/08



Service Areas: *Phase II Environmental Investigation • Remediation*

Columbia Heights Industrial Park, Minnesota

Project Scope

- 29-acre industrial site consisting of 15 parcels, all of which had some form of contamination
- Primary contaminants included foundry waste, chlorinated solvents and petroleum
- Conducted vapor monitoring using a photo ionization detector (PID) to ensure safe working environment
- Conducted comprehensive Phase II ESA
- Prepared Focused Feasibility Study (FFS) and Response Action Plan (RAP) to evaluate potential cleanup technologies and provide details of site cleanup
- Prepared a Development Response Action Plan (DRAP) for submittal to the MPCA and provided additional oversight for the Developer during construction activities
- Prepared multiple RAP Implementation Reports for submittal to MPCA VIC Program to accommodate construction schedule
- Excavation and landfill disposal in excess of 76,000 cubic yards of contaminated soil
- Conducted a supplemental ground water investigation for the entire site after remediation of Phase III was completed
- Conducted pre-demolition surveys to identify/quantify regulated and/or hazardous materials within buildings
- Prepared specifications and procured abatement, demolition and earthwork contractors through bidding process for all three phases of project
- Provided coordination and oversight during all abatement and demolition activities
- Long-term ground water monitoring still in progress to evaluate water quality across the site and determine if ground water remediation will be necessary
- Multiple No Further Action Letters issued by the MPCA VIC Program

Client Reference

Bob Streetar
City of Oakdale, Minnesota
651-730-2806
(formerly with City of Columbia Heights)

Start: 5/03

Completion: 12/09



Service Area: *Geotechnical*

Columbia Heights Liquor Store, Columbia Heights, Minnesota

Project Scope

- Geotechnical investigations for two sites to depict subsurface conditions for site preparation and foundation design
- Pre-demolition surveys for three buildings
- Advanced standard penetration borings
- Lab testing completed to supplement drilling investigations
- Geotechnical evaluation reports prepared for each site, which included discussions on grading procedures for structural support, structural fill and compaction criteria, soil bearing pressure for foundation design, and recommendations for footings and pavement design, and other geotechnical considerations
- Subsurface exploration locations through the installation of five standard penetration borings to approximate depths of 25 feet and three standard penetration borings to the approximate depths of 10 feet below current grade in the proposed building location and pavement areas, respectively
- Screen soil samples collected from the borings both visually and with a photoionization detector (PID) to determine the presence or absence of organic vapors and/or any visual contamination that may be expected to be encountered during the construction phase of the project

Client Reference

Walt Fehst
 City of Columbia Heights,
 Minnesota
 763-706-3675

Start: 2/07

Completion: 4/07



Service Area: *Geotechnical*

Riverfront Estates, Champlin, Minnesota

Project Scope

- Construction oversight and testing for the mass correction of the property for future single family development
- Excavation observation of existing unsuitable material, septic system and well
- As-built extent of excavation for future reference
- Testing of imported fill material for moisture content
- Sieve analysis on imported fill material for suitability purposes
- Compaction tests on the placed imported fill material to ensure proper compaction
- Summary of findings for the work performed at the property

Client Reference

John Washburn
 Washburn Builders, Inc.
 Champlin, Minnesota
 763-323-1986

Start: 10/08

Completion: 11/08

Service Areas: *Phase I Environmental Investigation* • *Phase II Environmental Investigation*

CenterPoint Energy Pipeline, Minnesota

Project Scope

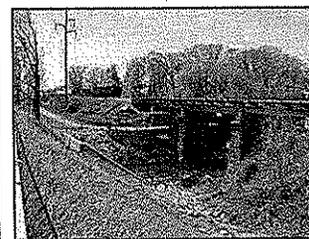
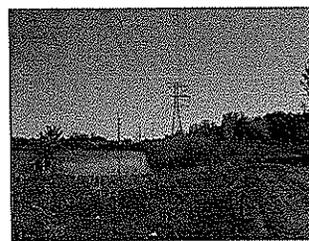
- 17-mile natural gas line through Minneapolis metropolitan and suburban areas
- Phase II ESA Investigation, following MPCA approval of the Phase II Investigation Work Plan
- Response Action Plan
- Construction Contingency Plan
- RAP Implementation Report
- Phase II Investigation Report
- Drilling and sampling of soil borings to evaluate site geologic/hydrogeologic conditions, as well as collecting soil, soil vapor, and/or ground water samples for chemical analysis.
- Soil and ground water samples from selected soil borings for laboratory analysis
- Soil vapor samples collected at select sites for analysis of VOCs using method TO-15
- Limited survey of soil boring locations to establish vertical and horizontal control for each point.
- Excavation oversight (approximately 39,700 cubic yards)
- Results of the investigation, along with the proposed soil handling strategies used during construction of the pipeline
- Fulfilled MPCA VIC program requirements to determine the appropriate level of remedial action to achieve a "No Association Determination" regarding contaminated soil that may be encountered and handled along the pipeline route

Client Reference

Glenn Miller
CenterPoint Energy
Minneapolis, Minnesota
612-861-8670

Start: 11/06

Completion: 10/08



Service Area: *Geotechnical Services*

Boulder Creek Development, Otsego, Minnesota

Project Scope

- Drilling and testing program on approximately 70 acres
- Identification of construction aggregate resources and demarked those areas where potential mining activities could occur
- Geological Assessment Report, including maps and logs
- Volumetric calculations on the known deposits
- Economic evaluation of the deposits on the property for future extraction planning and development planning purposes

Client Reference

John Rask
Hans Hagen Homes
Fridley, Minnesota
763-586-7200

Start: 2/09

Completion: 2/09

Service Areas: *Phase II Environmental Investigation • Remediation*

J & D Services Barrel Sampling and Clean-up, Aurora, Minnesota

Project Scope

- Former waste recycling site for petroleum products and waste water generated from tank projects and mining related activities. On-site processes included oil water separation, carbon treatment and bulk storage. Property was also the historical location of an explosives manufacturing facility which provided explosives for the Iron Range mining industry.
- Site includes several buildings and both aboveground and underground storage tanks.
- Conducted a Phase I and Phase II ESA
- Site Health and Safety Plan
- Quality Assurance Project Plan
- Barrel Sampling Plan
- Phase II Investigation Report
- CERCLA Information Request Documentation
- Focused Feasibility Study
- Response Action Plan
- Drilling and sampling of soil borings to evaluate site geologic/hydrogeologic conditions
- Surface soil sampling to identify and quantify spill areas
- Chemical analysis for diesel range organics (DRO), gasoline range organics (GRO), VOCs, polynuclear aromatic hydrocarbons (PAHs) including pentachlorophenol (PCP), polychlorinated biphenyls (PCBs), priority pollutant metals, plus arsenic, iron, aluminum, antimony and asbestos
- Limited GPS survey of soil boring and surface soil sample locations
- Inventory of drums stored in buildings and sampling to confirm contents
- Waste characterization, manifest completion and removal oversight for numerous waste streams including: contaminated soil; waste water; lube oils and greases; oil filters; various absorbents; and residual solid waste.
- Clean-up oversight

Client Reference

Dale Cich
Construction Services, Inc.
Duluth Minnesota
218-729-9091

Start: 3/09

Completion:
Clean-up Ongoing



Service Area: *Phase I Environmental Investigation*

Mn/DOT TH 10 Corridor, Anoka

Project Scope

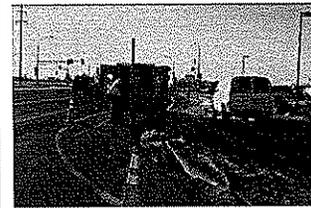
- Performed a Phase 1 ESA Corridor Study in general conformance with the scope and limitations of ASTM Standard Practice E1527-00, of a 4.7 mile corridor Conducted interviews
- Reviewed available historical documents including aerial photographs, historic Sanborn fire insurance maps, and topographic maps
- Performed a site reconnaissance to inspect the site conditions
- Obtained information from accessible state and federal database files of limited portions of the corridor

Client Reference

Nancy Radle
Mn/DOT
651-284-3781

Start: 1/05

Completion: 4/05



Service Areas: *Phase I Environmental Investigation* • *Phase II Environmental Investigation* • *Remediation*

Port Riverwalk Redevelopment, Coon Rapids, Minnesota

Project Scope

- Five-acre site including an unlined dump, dry cleaner and service station
- Primary contaminants included an unlined dump, chlorinated solvents and petroleum.
- Pre-demolition surveys to identify/quantify regulated and/or hazardous materials
- Conducted Phase I and Phase II ESAs
- Landfill disposal of dump contents (substantial asbestos) and contaminated soils
- Use of ORC and HRC to enhance natural attenuation of contaminated ground water
- Completed FFS and RAP to evaluate potential cleanup technologies and provide details of site cleanup
- Site entered into MPCA VIC and LUST Programs
- Prepared Grant Applications and successfully procured over \$2.1 million in funding for cleanup through DEED and Met Council. Reimbursement also from Petrofund.
- Prepared specifications and procured contractors through bidding process
- Prepared multiple reports for submittal to MPCA

Client Reference

Marc Nevinski
City of Coon Rapids,
Minnesota
763-767-6451

Start: 7/00

Completion: 5/07



Service Area: *Remediation*

Xcel Energy, High Bridge Generating Plant Decommissioning

Project Scope

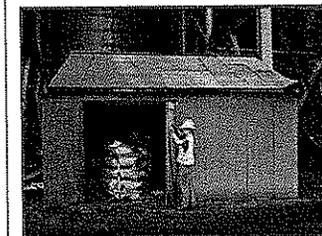
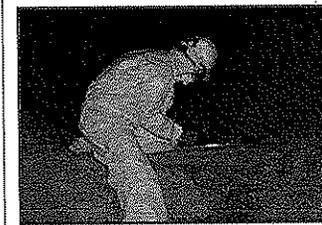
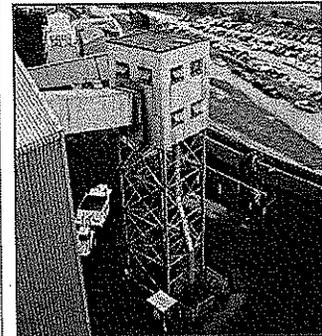
- Nine-story, four-unit coal-fired power generating plant to be decommissioned and demolished
- New gas turbine power plant constructed on former Levee Station MGP site
- Conducted a preliminary asbestos and lead paint assessment on all buildings and structures
- Conducted air monitoring, soil sample collection and impacted soil handling during construction
- Conducted sampling for USTs, ASTs and oil-filled equipment for removal and disposal
- Conducted supplemental regulated materials survey of all out buildings and structures
- Coordinated onsite treatment of impacted ground water and plant wastewater for discharge and sampling
- Coordinated soil disposal and imported soil testing
- Assisted with asbestos and demolition oversight
- Prepared Construction Contingency Plan, Materials Management Plan and Construction Implementation Report for MPCA review
- Prepared detailed floor plan drawings
- Coordination of abatement and demolition contractors
- Determined future abatement costs for regulated materials (asbestos and lead-based paint)
- Environmental management and oversight support services during construction
- Inspected and sampled insides of boilers
- On-call for emergency response services
- Prepared asbestos, lead, and hazardous materials abatement specifications
- Provided GPS survey support to document excavation boundaries for multiple utility contractors
- Regulatory liaison

Client Reference

Alan Peterson
Xcel Energy
Minneapolis, Minnesota
612-330-6493

Start: 2/07

Completion: 2/10
(anticipated)



Service Area: *Geotechnical*

Columbia Arena Property Redevelopment, Fridley, Minnesota

Project Scope

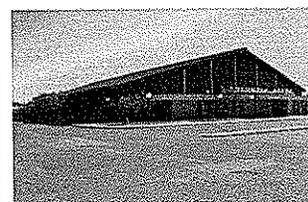
- Marked boring locations and arranged to have buried utilities marked through the Gopher State One-Call System
- Subsurface exploration of locations through the installation of four standard penetration borings to an approximate depth of 25 feet, six standard penetration borings to an approximate depth of 20 feet and five standard penetration borings to an approximate depth of 10 feet below existing grade in the proposed building and pavement areas
- Screening of soil samples collected from the borings both visually and with a photo ionization detector (PID) to determine the presence or absence of organic vapors and/or any visual contamination that may be expected to be encountered during the construction phase of the project.
- Geotechnical evaluation report including boring logs, a site plan showing the approximate boring locations, a written description of encountered soil and groundwater conditions, recommendations for site preparation in building and pavement areas, allowable bearing capacity for spread footings, soil correction, floor slab support and other geotechnical considerations

Client Reference

Rod Lee
Premier Commercial Properties
Ramsey, Minnesota
763-862-2005

Start: 4/09

Completion: 4/09



Service Area: *Phase I Environmental Investigation*

City of Moorhead, Central City Corridor, Moorhead, Minnesota

Project Scope

- Phase I ESAs for nine sites
- Work was completed according to MPCA VIC/PBP, and USEPA Brownfields Grant program requirements
- Investigated and documented site conditions
- Prepared cost estimates for potential Phase II investigations and pre-demolition surveys for regulated and hazardous materials

Client Reference

Peter Doll
City of Moorhead, Minnesota
218-299-5301

Start: 7/06

Completion: 11/06



Service Areas: *Phase I Environmental Investigation • Phase II Environmental Investigation • Remediation*

Former St. Paul Terminals, Ramsey, Minnesota

Project Scope

- Phase I and II ESAs on a 1.5 acre site used for metal recycling
- Site entered into MPCA VIC Program
- Primary contaminants included metals, PAHs and hazardous levels of PCBs
- Completed FFS and RAP to evaluate potential cleanup technologies and provide details of site cleanup
- Prepared grant applications and successfully procured \$307,000 in funding for cleanup through Met Council
- Prepared specifications and procured contractor through bidding process
- Pre-demolition surveys to identify/quantify regulated and/or hazardous material
- Landfill disposal of contaminated soils and large amounts of debris
- Prepared multiple reports for submittal to MPCA

Client Reference

Shawn Sullivan
City of Ramsey, Minnesota
763-433-9829

Start: 2/05

Completion: 6/08



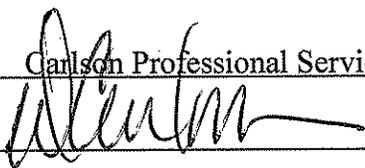
**STATE OF MINNESOTA
AFFIDAVIT OF NONCOLLUSION**

Firm Name: Carlson Professional Services, Inc.

I swear (or affirm) under the penalty of perjury:

1. That I am the Responder (if the Responder is an individual), a partner in the company (if the Responder is a partnership), or an officer or employee of the responding corporation having authority to sign on its behalf (if the Responder is a corporation);
2. That the attached proposal, including fees when required to be part of the proposal, submitted in response to the Request for Proposals for above-referenced project has been arrived at by the Responder independently and has been submitted without collusion with and without any agreement, understanding or planned common course of action with, any other Responder of materials, supplies, equipment or services described in the Request for Proposal, designed to limit fair and open competition;
3. That the contents of the proposal have not been communicated by the Responder or its employees or agents to any person not an employee or agent of the Responder and will not be communicated to any such persons prior to the official opening of the proposals; and
4. That I am fully informed regarding the accuracy of the statements made in this affidavit.

Responder's Firm Name: Carlson Professional Services, Inc.

Authorized Signature: 

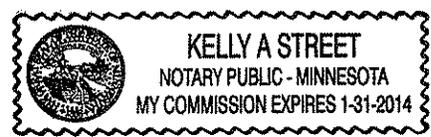
Date: 12/11/09

Subscribed and sworn to me this 11 day of December 2009

Notary Public Kelly A. Street

My commission expires: 1-31-2014

(Rev. 12/00)



AFFIRMATIVE ACTION

State Of Minnesota – Affirmative Action Certification

BOX A – For companies which have employed more than 40 full-time employees within Minnesota on any single working day during the previous 12 months. All other companies proceed to **BOX B**.
Your response will be rejected unless your business:

has a current Certificate of Compliance issued by the Minnesota Department of Human Rights (MDHR)
–or–

has submitted an affirmative action plan to the MDHR, which the Department received prior to the date and time the responses are due.

Check one of the following statements if you have employed more than 40 full-time employees in Minnesota on any single working day during the previous 12 months:

- We have a current Certificate of Compliance issued by the MDHR. Proceed to **BOX C**. Include a copy of your certificate with your response.
- We do not have a current Certificate of Compliance. However, we submitted an Affirmative Action Plan to the MDHR for approval, which the Department received on _____ (date). [If the date is the same as the response due date, indicate the time your plan was received: _____ (time). Proceed to **BOX C**.
- We do not have a Certificate of Compliance, nor has the MDHR received an Affirmative Action Plan from our company. We acknowledge that our response will be rejected. Proceed to **BOX C**. Contact the Minnesota Department of Human Rights for assistance. (See below for contact information.)

Please note: Certificates of Compliance must be issued by the Minnesota Department of Human Rights. Affirmative Action Plans approved by the Federal government, a county, or a municipality must still be received, reviewed, and approved by the Minnesota Department of Human Rights before a certificate can be issued.

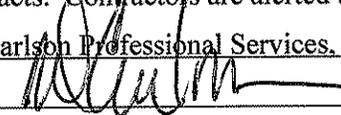
BOX B – For those companies not described in **BOX A**

Check below.

- We have not employed more than 40 full-time employees on any single working day in Minnesota within the previous 12 months. Proceed to **BOX C**.

BOX C – For all companies

By signing this statement, you certify that the information provided is accurate and that you are authorized to sign on behalf of the responder. You also certify that you are in compliance with federal affirmative action requirements that may apply to your company. (These requirements are generally triggered only by participating as a prime or subcontractor on federal projects or contracts. Contractors are alerted to these requirements by the federal government.)

Name of Company: Carlson Professional Services, Inc. Date 12/11/09
Authorized Signature:  Telephone number: 763-489-7900
Printed Name: Wade A. Carlson, P.G. Title: President

For assistance with this form, contact:

Minnesota Department of Human Rights, Compliance Services Section

Mail: 190 East 5th St., Suite 700 St. Paul, MN 55101 TC Metro: (651) 296-5663 Toll Free: 800-657-3704
Web: www.humanrights.state.mn.us Fax: (651) 296-9042 TTY: (651) 296-1283
Email: employerinfo@therightsplace.net

STATE OF MINNESOTA

LOCATION OF SERVICE DISCLOSURE AND CERTIFICATION

LOCATION OF SERVICE DISCLOSURE

Check all that apply:

- The services to be performed under the anticipated contract as specified in our proposal will be performed ENTIRELY within the State of Minnesota.
- The services to be performed under the anticipated contract as specified in our proposal entail work ENTIRELY within another state within the United States.
- The services to be performed under the anticipated contract as specified in our proposal will be performed in part within Minnesota and in part within another state or states within the United States.
- The services to be performed under the anticipated contract as specified in our proposal DO involve work outside the United States. Below (or attached) is a description of
 - (1) the identity of the company (identify if subcontractor) performing services outside the United States;

 - (2) the location where services under the contract will be performed; _____

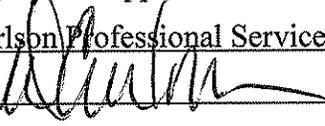
 - (3) the percentage of work (in dollars) as compared to the whole that will be conducted in each identified foreign location. _____

- Attachment enclosed at (state where): _____

CERTIFICATION

By signing this statement, I certify that the information provided above is accurate and that the location where services have been indicated to be performed will not change during the course of the contract without prior, written approval from the State of Minnesota.

Name of Company: Carlson Professional Services, Inc.

Authorized Signature: 

Printed Name: Wade A. Carlson, P.G.

Title: President

Date: 12/11/09 Telephone Number: 763-489-7900

State of Minnesota — Immigration Status Certification

By order of the Governor's Executive Order 08-01, vendors and subcontractors **MUST** certify compliance with the Immigration Reform and Control Act of 1986 (8 U.S.C. 1101 et seq.) and certify use of the *E-Verify* system established by the Department of Homeland Security.

E-Verify program information can be found at <http://www.dhs.gov/ximqtn/programs>.

If any response to a solicitation is or could be in excess of \$50,000, vendors and subcontractors must certify compliance with items 1 and 2 below. In addition, prior to the delivery of the product or initiation of services, vendors **MUST** obtain this certification from all subcontractors who will participate in the performance of the contract. All subcontractor certifications must be kept on file with the contract vendor and made available to the state upon request.

1. The company shown below is in compliance with the Immigration Reform and Control Act of 1986 in relation to all employees performing work in the United States and does not knowingly employ persons in violation of the United States immigration laws. The company shown below will obtain this certification from all subcontractors who will participate in the performance of this contract and maintain subcontractor certifications for inspection by the state if such inspection is requested; and

2. By the date of the delivery of the product and/or performance of services, the company shown below will have implemented or will be in the process of implementing the *E-Verify* program for all newly hired employees in the United States who will perform work on behalf of the State of Minnesota.

I certify that the company shown below is in compliance with items 1 and 2 above and that I am authorized to sign on its behalf.

Name of Company: Carlson Professional Services, Inc.

Date: 12/11/09

Authorized Signature: 

Telephone Number: 763-489-7900

Printed Name: Wade Carlson, P.G., President

Title: President

If the contract vendor and/or the subcontractors are not in compliance with the Immigration Reform and Control Act, or knowingly employ persons in violation of the United States immigration laws, or have not begun or implemented the *E-Verify* program for all newly hired employees in support of the contract, the state reserves the right to determine what action it may take. This action could include, but would not be limited to cancellation of the contract, and/or suspending or debaring the contract vendor from state purchasing.

For assistance with the *E-Verify* Program

Contact the National Customer Service Center (NCSC) at 1-800-375-5283 (TTY 1-800-767-1833).

For assistance with this form, contact:

Mail: 112 Administration Bldg, 50 Sherburne Ave. St. Paul, MN 55155

E-mail: MMDHelp.Line@state.mn.us

Telephone: 651.296.2600

Persons with a hearing or speech disability may contact us by dialing 711 or 1.800.627.3529

01/08

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/27/2009

PRODUCER (952)707-8200 FAX (952)890-0535
Kraus-Anderson Insurance
420 Gateway Boulevard
Burnsville, MN 55337-2790

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

| INSURERS AFFORDING COVERAGE | NAIC # |
|--|--------|
| INSURER A: Secura Insurance A Mutual Co. | |
| INSURER B: Endurance American Spec. Ins. Co. | |
| INSURER C: | |
| INSURER D: | |
| INSURER E: | |

INSURED Carlson Professional Services, Inc.
248 Apollo Drive
Lino Lakes, MN 55014

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR ADD'L LTR | INSR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YYYY) | POLICY EXPIRATION DATE (MM/DD/YYYY) | LIMITS |
|----------------|------|--|-----------------|------------------------------------|-------------------------------------|---|
| B | | GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE: <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractors Poll. GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC | ECC101007722-00 | 05/29/2009 | 05/29/2010 | EACH OCCURRENCE \$ 3,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 3,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 3,000,000 |
| A | | AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS | 20-A-003155093 | 05/29/2009 | 05/29/2010 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ |
| | | GARAGE LIABILITY <input type="checkbox"/> ANY AUTO | | | | AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA/ACC \$ AGG \$ |
| B | | EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ -0- | EXS101007723-00 | 05/29/2009 | 05/29/2010 | EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 |
| A | | WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE/OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below | 20-WC-003155094 | 05/29/2009 | 05/29/2010 | <input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| B | | OTHER Professional Liability - Claims Made Form RETROACTIVE DATE: 5/29/09 | ECC101007722-00 | 05/29/2009 | 05/29/2010 | Agg. Incl. In Gen. Liab. Each Claim \$3,000,000 Deductible Each Loss: \$10,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS:

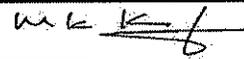
CERTIFICATE HOLDER

EXAMPLE INSURANCE CERTIFICATE

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Mark N. Kampf/TAMMY



STAFF RESUMES

Wade Carlson, PG President/Senior Geologist

| | |
|------------------------|---|
| Education | B.S., Geology, University of Minnesota, Duluth, 1984 |
| Licenses/Registrations | Professional Geologist, Minnesota; Illinois |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Technical direction and quality control review ◆ Report preparation ◆ Hazardous materials investigations ◆ Remediation ◆ Soil and ground water remediation ◆ Underground storage tank investigations ◆ Environmental sampling. |

Jim Crowl, PG Senior Hydrogeologist

| | |
|------------------------|---|
| Education | B.S., Hydro/Environmental Geology, University of Minnesota-Duluth, 1991 |
| Licenses/Registrations | Professional Geologist, Minnesota |
| Expertise | <ul style="list-style-type: none"> ◆ Project management ◆ Environmental and remedial investigations ◆ Environmental and exploratory drilling techniques ◆ Environmental sampling ◆ Brownfield redevelopment ◆ Client/agency liaison |

Barb Ryan, PG, CHMM Senior Geologist

| | |
|------------------------|--|
| Education | B.S. Geology, Winona State University, Minnesota, 1990 |
| Licenses/Registrations | Certified Hazardous Materials Manager American Institute of Professional Geologists Professional Geologist, Minnesota, Wisconsin Site Assessor, Wisconsin Certified Ground Water Professional, Iowa |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Hazardous materials management ◆ Remediation ◆ Petroleum investigations ◆ Drilling investigations ◆ Regulatory compliance ◆ Technical direction and quality control review ◆ Report preparation |

Christy Steman, CHMM Environmental Scientist

| | |
|-------------------------|--|
| Education | B.S., Conservation/Resource Management, University of Wisconsin, River Falls, 2001 |
| Licenses/ Registrations | Certified Hazardous Materials Manager Asbestos Site Supervisor, Asbestos Site Inspector, Lead Inspector/Risk Assessor AIHA Registered Asbestos Analyst Drug Lab Decontamination Supervisor |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Pre-demolition surveys ◆ Hazardous materials management ◆ Commercial and residential building inspections ◆ Asbestos inspections and asbestos abatement oversight ◆ Lead inspection ◆ PCM asbestos air sample analysis ◆ Industrial hygiene ◆ State and federal compliance |

Aric Olsen, PGIT Staff Geologist

| | |
|-------------------------|---|
| Education | M.S., Hydrogeology, Utah State University, Logan, 2007 B.S., Geology, North Dakota State University, Fargo, 2004 |
| Licenses/ Registrations | Nuclear Density Gauge for use and transportation from Troxler and Department of Transportation |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Soil and ground water investigation ◆ Contaminated soil excavation ◆ Geologic and hydrogeologic investigation ◆ State and federal compliance ◆ Construction oversight and associated reporting |

Jill Keefe Hydrogeologist

| | |
|-------------------------|---|
| Education | B.S., Geology, University of Minnesota, Duluth, 1996 |
| Licenses/ Registrations | Asbestos Inspector |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Pre-demolition surveys ◆ Hazardous materials management ◆ Commercial and residential building inspections ◆ Asbestos and regulated waste assessments ◆ Laboratory analytical QA/QC procedures ◆ Report preparation ◆ Underground storage tank investigations |

PROPOSAL FOR PROFESSIONAL SERVICES FOR MINNESOTA CONSTRUCTION TESTING AND INSPECTION SERVICES

Jeff Anderson, PE Senior Project Engineer

| | |
|-------------------------|---|
| Education | B.S., Chemical Engineering, University of Minnesota, Duluth, 1993 |
| Licenses/ Registrations | Professional Engineer, Minnesota, Wisconsin, 2002 Registered Petroleum Environmental Clean-up Fund Act Consultant |
| Expertise | <ul style="list-style-type: none"> ◆ Project management ◆ Environmental assessments ◆ VIC, VPIC, RCRA and Brownfield sites ◆ Technical direction and quality control review ◆ Report preparation ◆ Remedial investigations/feasibility studies ◆ Site cleanup and remedial/response action monitoring ◆ External site audits (associated with SPPP/SPCC plans) ◆ Waste characterization ◆ Remedial/corrective/response action plans ◆ Petroleum/chemical project design ◆ Soil excavations / soil borings ◆ Monitoring/recovery well installation and abandonment ◆ Wetland delineation ◆ Certified visible emissions observer |

Tracy Jacobs, CHMM Industrial Hygienist

| | |
|-------------------------|--|
| Education | Master of Industrial Safety/Industrial Hygiene, University of Minnesota, Duluth, 2000; Bachelor of Science/Biology, University of Minnesota, Duluth, 1998 |
| Licenses/ Registrations | Asbestos Site Supervisor/Contractor, Asbestos Building Inspector, Asbestos Air Monitoring Technician, Lead Inspector/Risk Assessor, Minnesota and Wisconsin Certified Hazardous Materials Manager; AIHA Registered Asbestos Analyst; Registered Petroleum Environmental Clean-up Fund Act Consultant |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Asbestos inspections and removal oversight ◆ Air monitoring ◆ Hazardous materials management ◆ Remedial investigations ◆ Leaking underground storage tanks ◆ Emergency spill response ◆ Indoor air quality investigations |

PROPOSAL FOR PROFESSIONAL SERVICES FOR MINNESOTA CONSTRUCTION TESTING AND INSPECTION SERVICES

Jeff Neise Environmental Scientist

| | |
|-----------|---|
| Education | B.S., Geology/Hydrogeology, University of Minnesota, Duluth. 2000 |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Environmental and exploratory drilling techniques ◆ Well construction and installation ◆ Hydraulic characterization ◆ Environmental sampling ◆ Technical reporting ◆ Construction oversight ◆ Field data collection ◆ Petroleum and non-petroleum spill investigation and remediation |

Bill Jahn Industrial Hygienist

| | |
|-------------------------|--|
| Education | M.S., Geology, University of Minnesota, Duluth, 2008 B.S., Environmental Geology, University of Minnesota, Duluth, 1999 |
| Licenses/ Registrations | Asbestos Inspector; Registered Petroleum Environmental Clean-up Fund Act Consultant; Shoreline Cleanup Assessment; Emergency Response and NIMS Training |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Hazardous waste inspections ◆ Petroleum contamination investigation and remediation ◆ Asbestos and lead sampling, inspections and abatement oversight ◆ Inspection reports ◆ Petroleum emergency response |

John Cannon, PE Senior Project Engineer

| | |
|-------------------------|---|
| Education | B.S., Civil and Environmental Engineering, University of Wisconsin, Madison, 1983 |
| Licenses/ Registrations | Professional Engineer, Minnesota, Wisconsin |
| Expertise | <ul style="list-style-type: none"> ◆ Landfill permitting, design, construction and operations ◆ Landfill and hazardous waste site investigations ◆ Geotechnical ◆ Feasibility studies and remedial design ◆ Soil and ground water remediation ◆ Environmental impact assessment ◆ Construction oversight ◆ Soil and ground water sampling |

PROPOSAL FOR PROFESSIONAL SERVICES FOR MINNESOTA CONSTRUCTION TESTING AND INSPECTION SERVICES

Dan Steman

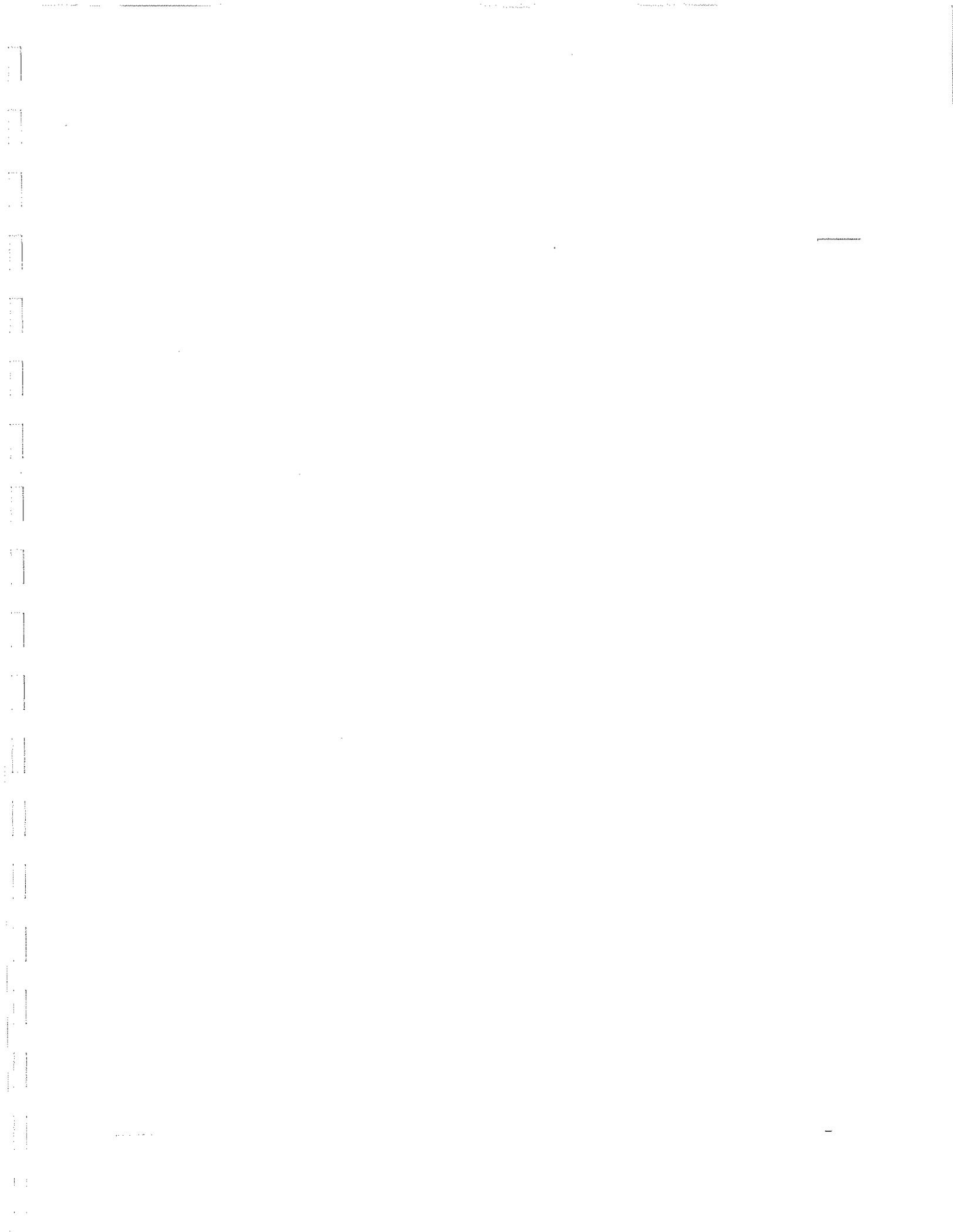
Environmental Scientist

| | |
|-----------|---|
| Education | B.S. Natural Resources and Environmental Studies; B.A. Forestry, University of Minnesota, Minneapolis, 1998 |
| Expertise | <ul style="list-style-type: none"> ◆ Environmental assessments ◆ Geotechnical ◆ Soil and ground water sampling ◆ Stream gauge and flow measurements ◆ Well construction oversight ◆ Storage tank investigations ◆ Database management ◆ GPS applications and surveying ◆ Data analysis ◆ Report preparation |

Joe Radach

Senior Project Engineer

| | |
|-------------------------|--|
| Education | B.S., Civil Engineering, University of Minnesota, 2003 |
| Licenses/ Registrations | Professional Engineer, Minnesota Land Surveyor in Training, Minnesota |
| Expertise | <ul style="list-style-type: none"> ◆ Boundary and topographic surveys ◆ Geotechnical ◆ Site design including low impact development and utility and grading design ◆ Surface water management ◆ GPS, Total Station, robotics, Auto CADD, and related software |



Fee Schedule**Carlson Professional Services, Inc.**

PROFESSIONAL SERVICES FOR MINNESOTA CONSTRUCTION TESTING AND INSPECTION SERVICES

| STAFF NAME | TITLE | Within a 50-Mile Radius HOURLY FEE | More Than a 50-Mile Radius HOURLY FEE |
|------------------------|----------------------------|--|---|
| Wade Carlson, PG | President/Senior Geologist | \$149 | \$167 |
| John Cannon, PE | Senior Project Engineer | \$149 | \$167 |
| Brian Krystofiak, PE | Senior Project Engineer | \$149 | \$167 |
| Tom Balluff, LS | Senior Land Surveyor | \$133 | \$149 |
| Terry Rothenbacher, LS | Senior Land Surveyor | \$133 | \$149 |
| Jim Crowl, PG | Senior Hydrogeologist | \$123 | \$138 |
| Barb Ryan, PG, CHMM | Senior Geologist | \$97 | \$109 |
| Jeff Anderson, PE | Senior Project Engineer | \$97 | \$109 |
| Joe Radach, PE, LSIT | Senior Project Engineer | \$97 | \$109 |
| Dan Steman | Environmental Scientist | \$87 | \$97 |
| Tracy Jacobs, CHMM | Industrial Hygienist | \$74 | \$83 |
| Christy Steman, CHMM | Environmental Scientist | \$74 | \$83 |
| Jeff Neisse | Environmental Scientist | \$74 | \$83 |
| Jill Keefe | Hydrogeologist | \$74 | \$83 |
| Marc Benson | Land Surveyor | \$72 | \$81 |
| Mike Rust | Land Surveyor | \$72 | \$81 |
| Aric Olsen, PGIT | Staff Geologist | \$68 | \$76 |
| Jon Dacken | Industrial Hygienist | \$68 | \$76 |
| Tom Kinnunen | Industrial Hygienist | \$68 | \$76 |
| Bill Jahn | Industrial Hygienist | \$68 | \$76 |
| Hillary McGown | Environmental Scientist | \$62 | \$69 |
| Kelly Street | Administrative Assistant | \$59 | \$66 |
| Stephanie Symoniak | Administrative Assistant | \$59 | \$66 |
| Chris Sharp | CAD/Drafting Technician | \$56 | \$63 |
| Cheryl Rossi | Administrative Assistant | \$53 | \$59 |