

John Cannon, P.E.
5109 Upton Avenue South
Minneapolis, MN 55410
jrcannon@msn.com
763-458-8323

I am a registered professional engineer with extensive experience in landfills, waste management, permitting, CAD design and environmental review. My expertise is in bringing projects from planning to completion.

Professional Experience

AECOM

Engineer IV (December 2015 - December 2017)

- Lead designer for permitting, design, and construction of coal combustion residual (CCR) facilities in North Dakota and Kentucky. Projects included permitting an expansion and design of new cells to meet CCR rule requirements.
- Completed CCR certifications for location restrictions, liner design and construction.
- Prepared a feasibility study for closure of an unpermitted dump in Minnesota.
- Evaluated design alternatives for closure of industrial waste sites.
- Prepared design plans and permit modification documents for vertical expansion of a municipal waste landfill, including design of a new access road.
- Acted as client manager for a Minnesota electric utility.

ProSource Technologies, Inc./Carlson Professional Services, Inc./Carlson McCain, Inc.

Senior Environmental Engineer (May 1998 - September 2015)

- Project manager for permitting, design, and construction for several demolition debris and industrial waste landfills Minnesota, North Dakota and Montana.
- Lead designer for demolition debris and industrial landfills.
- Completed several Environmental Assessment Worksheets (EAWs).
- Designed surface water management systems and obtained NPDES permits.
- Designed landfill gas venting, migration control and monitoring systems.
- Prepared plans for evaluation, acceptance and management of industrial wastes.
- Reviewed industrial waste applications, laboratory data, and assisted with applications for approvals.
- Managed ground water and landfill gas sampling.
- Permitted solid waste transfer/recycling facilities.
- Prepared remedial designs/implementation reports for manufactured gas plant cleanups.
- Conducted dike inspections for coal ash ponds.
- Conducted Phase I/Phase II Environmental Assessments.
- Conducted investigations related to petroleum releases.
- Completed air permit applications and regular compliance submittals for industrial client.
- Managed and trained engineers and drafters for landfill, pipeline, remediation and survey projects.
- Developed skills in CAD and related modeling and analysis software.

Camp, Dresser & McKee, Inc.

Environmental Engineer (December 1994 - May 1998)

- Lead engineer for landfill design and construction projects.
- Project manager/lead engineer for major metro area municipal landfill.
- Lead designer for several projects in the Minnesota Closed Landfill Program, including final cover designs, active gas migration control systems, surface water management design/NPDES permitting.
- Helped prepare an EIS for expansion of a metro area municipal landfill.

GeoScience, Inc.

Senior Engineer (June 1989 - November 1994)

- Project manager/engineering consultant for permitting, design, construction and operations of a major metro area municipal landfill.
- Designed liners, final cover, surface water management and gas extraction systems.
- Conducted landfill gas migration investigation and designed active gas control system.
- Managed regulatory compliance, including annual reporting and leachate disposal permitting.
- Conducted construction oversight of landfill liner, final cover and gas extraction projects.
- Permitted solid waste transfer/recycling facilities.

Donohue & Associates, Inc.

Data Management Analyst/Environmental Engineer (December 1983 - June 1989)

- Created data management system for internal wastewater analytical laboratory.
- Worked in Waste Management Department on landfill siting, permitting and operations projects, including hazardous waste landfill design, RCRA permitting support, municipal waste landfill siting and design, and coal ash landfill permitting, design and operations.
- Worked on several Scoping Environmental Assessment Worksheets (SEAWs) and EISs for landfill siting.
- Conducted field oversight of landfill liner construction and gas extraction projects.

Education

B.A. - Civil and Environmental Engineering, University of Wisconsin - Madison (1983)

Skills

- Project management.
- Liaison with state and local regulators.
- Public presentations, representing project proposers and regulatory agencies, for controversial projects.
- Able to work both independently (was only engineer at two firms for several years), and collaboratively, including with outside technical and legal professionals, on many multi-disciplinary projects.
- Industrial waste evaluation and management procedures.
- Runoff analysis, using HydroCad and other tools.
- Highly experienced in CAD (MicroStation/GeoPak).
- EAW/EIS preparation, representing both RGUs and proposers.
- Supervision and training of engineering/drafting staff.

References

Available on request.