



NORTH POINT
ENGINEERING

North Point Engineering

Statement of Qualifications and Services

Company Overview

North Point Engineering Corporation (NPE) provides specialized civil and environmental engineering consulting services to both the private and public sector and has successfully completed many diverse projects. We focus on achieving our clients' goals by providing technical expertise and value-added solutions.

We offer a broad range of services including agricultural development, landfill design and monitoring, municipal services construction certification, environmental consulting, land development and building design and permitting services. Our particular expertise is in landfill and agricultural design, project siting, permitting and construction management. We take pride that our project management experience and our owner/operator operations background allows us to be the single cost effective resource for many of our clients.

NPE places strong emphasis on service and focuses on the specific needs of our clients. NPE's staff is large enough to meet project goals yet small enough to maintain personal and professional service.

One of our strengths is the experience our key staff has gained while previously employed in the private industrial sector. This has given us practical, hands-on experience and the ability to balance design and regulatory considerations with economic and liability factors.

Insurance

NPE maintains liability insurance policies including professional liability, contractors pollution liability, commercial general liability, automobile liability and excess umbrella liability insurance. These policies provide added protection to our firm and our clients.

Office Locations

For additional information, please contact us at:

Corporate Office

6657 Frank Ave. NW, Suite 200
North Canton, OH 44720
Phone: (330) 494-8888
Fax: (330) 494-8889
Visit our website: www.npecorp.com

Indiana Office

P.O. Box 248
Winona Lake, IN 46590
Phone: (574) 269-1633
Fax: (574) 306-0263
email: mcarr@npecorp.com

North Point Engineering

Statement of Qualifications and Services

Overview of Services

NPE offers a wide array of services including civil engineering, environmental consulting and construction support. Our staff includes engineers, geologists, field technicians, CAD designers and administrative support. Our experience allows us to provide practical, timely and cost-effective solutions. NPE has the background and experience to successfully complete a wide variety of engineering and environmental projects including the following:

Landfill and Waste Management Services

- Permitting and Design
- Construction Management and Certification Services
- Compliance and Field Services

Agricultural Development Services

- Facility Site Design
- Regulatory Permitting
- Construction Management and Certification Oversight
- Expert Witness

Industrial and Environmental Services

- Environmental Site Assessments
- Environmental Permitting

Land Development, Building Design and Permitting Services

- Development Plans
- Building Design
- Building Plan Permitting
- Structural Analysis and Design
- Zoning Review and Hearings

Municipal Services

- Sewer Design, Repair and Rehabilitation, Feasibility Studies
- Septic Elimination Projects
- Collection System Evaluation
- Waterline Design
- Contract Preparation and Management
- Wastewater Treatment Systems

North Point Engineering

Statement of Qualifications and Services

Landfill and Waste Management Services

NPE specializes in Landfill and Waste Management Services which include permitting and design, construction quality assurance and certification, business management and compliance services. NPE's staff has a combined 77 years of experience in various types of disposal facilities including solid waste landfills, construction and demolition debris (C&DD) landfills and industrial solid waste landfills. In addition, we are also experienced in the design and operation of transfer stations, rail off-loading facilities and tire recovery disposal facilities.

Services provided:

Permitting and Design

- New Solid Waste Landfill Facilities
- Expansion Optimization of Existing Landfill Facilities
- Permit Modifications and Alterations
- Geotechnical Investigation and Analysis
- Closure and Post Closure Plans
- Solid Waste Transfer Stations
- Landfill Gas Extraction Systems
- Storm Water/NPDES Permits
- Air Emissions/Title V Permits

Construction Services

- Bid Documents and Construction Management
- Construction Quality Assurance and Field Inspection
- Construction Certification

Compliance and Field Services

- Groundwater Sampling and Reporting
- NPDES Sampling and Reporting
- Explosive Gas Monitoring and Reporting
- Compliance Calendars/Schedules

Miscellaneous Business Services

- Acquisition Due Diligence
- Environmental Audits
- Waste Stream Characterization
- Landfill Pricing and Budget Modeling
- Sales and Business Development

North Point Engineering

Statement of Qualifications and Services

Agricultural Development Services

NPE provides comprehensive Agricultural Development Services including property development, permitting, construction management and certification oversight and preparation of manure management plans. Our professionals can provide the vast number of technical services required for agricultural consulting and we can assist our clients with initial evaluations through the final construction of the facility.

Services provided:

Property Development

- Subsurface Geologic Investigations
- Test Water Supply Wells and Small Public Water System Design
- Detailed Facility Design
- Comprehensive Drainage and Erosion Control Plans
- Flood Plain Management
- Siting and Setback Evaluation
- Wetland Delineation
- GIS Mapping

Permitting

- CAFO – Concentrated Animal Feeding Operation
- PTI/PTO – Permit-to-Install/Permit-to-Operate
- NPDES – National Pollutant Discharge Elimination System
- SWP3 – Storm Water Pollution Prevention Plans

Construction Management and Certification Oversight

Assisted with Regulatory Compliance Issues

Nutrient Management Plans

Manure Pond Liner Systems

Manure Storage Structure Design

Operating Record Assistance

Expert Witness

NRCS Technical Service Provider

North Point Engineering

Statement of Qualifications and Services

Industrial and Environmental Services

NPE provides comprehensive Industrial and Environmental Services including environmental permitting, environmental site assessments, and underground storage tank investigations. Solutions to address environmental problems are addressed on a project basis and, if needed, are incorporated into a comprehensive environmental management strategy.

Environmental site assessments can be prepared by NPE to meet or exceed the ASTM standards. If a Phase I findings warrant, NPE will conduct Phase II studies to identify the presence of hazardous substances or petroleum products.

Our qualified staff can provide a wide range of permitting and regulatory compliance services associated with handling and storage of hazardous materials and wastes and the permitting and treatment of air, wastewater and storm water discharges.

Services provided:

Environmental Site Assessments

- Preliminary Screening
- Phase I Environmental Site Assessments (ASTM 1527-05)
- Phase II Environmental Site Assessments
- Soil, Surface Water, Groundwater and Media Sampling & Analysis

Environmental Permitting

- National Pollutant Discharge Elimination System (NPDES)
- Storm Water Pollution Prevention Plans (SWP3)
- Oil Spill Prevention, Control and Countermeasure (SPCC) Plans
- Wastewater Pretreatment System Design, Permitting, Sampling and Analysis
- Air Permit-to-Install/Permit-to-Operate (PTI/PTO) and Title V Permit Applications

North Point Engineering

Statement of Qualifications and Services

Land Development and Building Services

NPE can provide professional engineering and management assistance for land development projects including site development plan layout and design, prepare detailed building plans including obtaining building permits and zoning assistance. We also have expertise in building structural analysis and structural design. We have a proven track record of hands-on involvement in the building construction industry and know the importance of practical project management.

Services that can be provided:

Site Development Plans

- Conceptual and Feasibility Layout
- Siting Consideration
- Zoning Evaluation and Hearings

Building Plans

- Structural and Framing
- Foundation Analysis
- Electrical, HVAC
- Detailed Construction Plans
- Building Code
- State and Local Permitting

Structural Analysis and Design

- Failure Analysis
- Steel and Concrete Design
- Wood Design

Zoning Regulations

- Review and Siting Consideration
- Exhibits and Hearings

North Point Engineering

Statement of Qualifications and Services

Municipal Services

NPE can provide professional engineering and management assistance for municipal projects including sewer and waterline design, septic elimination projects, sewer repair and rehabilitation, wastewater treatment plant evaluation, contract management, asset management and feasibility studies.

Services that can be provided:

Sewer Design

- Sanitary Sewers
- Storm Sewers
- Collection System Evaluation

Septic Elimination Projects

- Engineering Report
- Feasibility Study
- Design and Technical Specs
- Construction Management

Sewer Repair and Rehabilitation

- Inflow/Infiltration Evaluation on Existing Collection System
- Recommend and Design Solutions
- Cured in Place Pipe (CIPP) - Design, Bid and Construction Services
- Open Cut Repairs- Design, Bid and Construction Services

Waste Water Treatment Plants

- Technical review to meet NPDES requirements

Waterline Design

- Extensions
- New substation systems

Contract Preparation and Management

- Prepare bid documents
- Manage bid process