

A supplement to

RESOURCE

Engineering & Technology for a Sustainable World

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2024 GUIDE TO CONSULTANTS





GUIDE TO CONSULTANTS 2024

This *Guide to Consultants* is presented as a service to people interested in agricultural and biological engineering assistance. This listing is not an offer or advertisement to provide engineering services in any state or jurisdiction where the professional engineer or professional engineering firm is not registered/licensed. All information was provided by the listed consultant. The American Society of Agricultural and Biological Engineers (ASABE) assumes no responsibility for the validity of the qualifications listed or the consulting services performed.

Listings for both registered professional engineers and consultants who are not registered engineers are included. In the United States, the registration/licensing of professional engineers is vested in the states/territories. Administration of the relevant laws governing the practice of engineering is assigned to engineering boards. The primary role of these regulatory boards is to protect the life, health, property, and welfare of the public and to ensure that unqualified individuals do not practice engineering. Many other countries also have laws and regulations pertaining to the practice of engineering. When selecting a consultant, it is recommended that any jurisdictional registration/licensing requirements be identified for specific services.

In the following listings, the date after the specialty description is the professional engineer's initial registration date. The state(s) or country in which the consultant is registered follows the date. The consultant's availability is given on the next line, including geographic area of service.

Indication of registration in a single state does not imply that a professional engineer cannot be registered in other states. Most state engineering registration laws and rules are patterned after guidelines prepared by the National Council of Examiners for Engineering and Surveying, P.O. Box 1686, Clemson, SC 29633, USA. Most states have laws that permit a professional engineer to become registered in other states, either temporarily or permanently, without re-examination. Consideration of the consultant should be on the basis of the consultant's qualifications and not on where registered, because many consultants can obtain registration in other states or jurisdictions.

Consultants who are not registered professional engineers may have qualifications and expertise in areas other than those requiring professional registrations. Prospective clients should always confirm, through independent sources, the qualifications of all consultants for the services to be performed.

Registered Engineers

Gayle C. Baker, P.E.

Maurer-Stutz, Inc.
3116 N. Dries Lane
Suite 100
Peoria, IL 61604
309-693-7615
cell: 563-380-8720
gcbaker@mstutz.com
www.mstutz.com

Planning and design services for livestock production facilities and soil and water conservation practices. Livestock experience includes beef, dairy, swine, and poultry facilities. Experience includes site development, feasibility studies, manure handling/storage/treatment, permitting, nutrient management, hydrology and hydraulics, land treatment, and water resources/dam design. NRCS Technical Service Provider. Licensed in IA, IL, MO, MN, TX, NE, and DE.

Initial date of registration: 2014; IL, DE, GA, IA, MO, MI, MN, NE, NC, TX

Available full-time; Domestic and International

Chuck Brandel, P.E.

ISG
Vice President, National Agricultural Drainage Expert
115 East Hickory Street + Suite 300
Mankato, MN 56001
Office: 507-387-6651
Cell: 507-327-8282
Chuck.Brandel@ISGInc.com
ISGInc.com

Chuck's significant expertise in watershed management is widely recognized throughout the Upper Midwest and has made him a sought-after authority and designer on many projects. He understands the required processes and procedures for multi-layered projects and works closely with landowners, local governments, watershed districts, and regulatory agencies, both in planning and design to execute projects that improve human interaction with water systems, while reducing the impact of the improvements on the environment. Chuck serves as a forward-looking leader regarding the implementation of multipurpose drainage management strategies and is ISG's in-house expert in watershed planning.

Initial date of registration: 2004; MN, NE, IA, SD, WY, KS

Available full-time; Domestic

Paul W. Elliott, P.E., PhD, CPSI

ASET Services, Inc.
6598 E Canton South Boston Road
Salem, IN 47167
812-528-2743
elliottp@asetervices.com
www.asetervices.com

ASET Services, Inc., works with clients around the globe to improve the safety and performance of sport surfaces, equipment, and facilities. Our testing and engineering services help the wood and natural turf industry develop value added products and systems. Services include: laboratory testing, field testing, engineering design services. Consulting services include: Mechanical and System Design, Portable Data Acquisition Systems (including programming), Mechanical Test Equipment; Inspection of sport, turf, and playground surfaces for performance and safety properties.

Initial date of registration 2002; OH, IN

Available part-time; Domestic and International

Terry L. Feldmann, P.E.

Maurer-Stutz, Inc.
3116 N. Dries Lane, Suite 100
Peoria, IL 61604, USA
309-693-7615
fax: 309-693-7616
tlfeldmann@mstutz.com
www.mstutz.com

Assessments, consulting, evaluation, planning, design of livestock/poultry facilities, site development, expansion, water-supply dams, feasibility studies, renovation, ventilation/heating, environmental monitoring, field research, SPCC, manure handling/storage/treatment, permitting, nutrient management, odor, equipment/ material specifications, quantities, cost opinions, expert witness, conservation, agrichemical handling, flood control, equine, layers, swine, dairy, turkeys, broilers, beef, Agricultural Research facilities.

Initial date of registration 1998; IL, IN, AR, WI

Available full-time; Domestic and International

John A. George, P.E.

Agricultural Engineering Associates, Inc.
1000 Promontory, PO Box 4
Uniontown, KS 66779, USA
800-499-5893
fax: 620-756-4600
johnag@agengineering.com
www.agengineering.com

AEA provides experienced (50 years), leading edge services to US and International

Clients on production and research livestock and poultry facilities and associated environmental systems, permitting, crop production, and renewable energy systems to maximize efficiency, profitability, and environmental compliance. Primary services include complete facility design, environmental permitting, and construction management.

Initial date of registration 1974; KS, AL, AR, CO, GA, IL, IN, IA, MO, MI, MT, NE, NM, NY, NC, OH, OK, OR, PA, SD, TX, WA, WI, WY

Available full-time; Domestic and International

Bailey Griffin, P.E.

ISG
Water Resources Engineer
6465 Wayzata Boulevard + Suite 970
St. Louis Park, MN 55426
952-426-0699
Bailey.Griffin@ISGInc.com
ISGInc.com

Bailey's focus areas include water quality, environmental conservation, hydrology and hydraulics, and watershed restoration. Her methodological approach to projects allows her to identify multi-facilitated solutions with multiple benefits. Bailey's experience allows her to assist entities with achieving measurable goals that include minimizing flooding, improving water quality, and restoring wildlife habitat.

Initial date of registration: 2022; MN

Available full-time; Domestic

Joseph G. "Jake" Martin III, P.E.

JGMIII Inc
9127 SW 52nd Avenue, Suite D-102
Gainesville FL 32608, USA
352-359-1356
jake@dairydesign.com
www.dairydesign.com

Consulting engineering services for complete dairy facility evaluation, layout, and design. Services provided include: site selection and evaluation; preliminary dairy facility layouts; dairy expansion evaluation; layout and design of milking centers, animal housing facilities, animal working areas, feed centers and youngstock facilities. Complete animal waste management system evaluation, layout and design.

Initial date of registration 1984; LA, GA, FL, KS, IA, VA, KY, OH, SC, NC, TN

Available full-time; Domestic and International

GUIDE TO CONSULTANTS

Registered Engineers

James M. Miller, P.E., PhD

J M Miller Engineering, Inc.
2392 Fuller Ct.
Ann Arbor, MI 48105, USA
734-662-6822
miller@millerengineering.com
www.millerengineering.com

Agricultural, Chemical, Mechanical, & Forensic Engineers. Expertise Areas: Hay / Grain Harvesting & Storage; Dairy & Food Processing; Tractors & Implements; Guarding / Entanglement; Ingress, Egress, Slips and Falls; Chemical Application & Exposures (GHS, MSDS); Irrigation / Animal Safety; Warnings, Labeling, & Instruction Manuals; Risk Management and Safety Compliance (ASABE, OSHA, ANSI, NPDES, FIFRA, RCRA & EPA). We farm 1000 Idaho acres and designed-built our own Federal Grant (REAP) hydroelectric and solar power facilities.

Initial date of registration: Idaho 1998, Ohio 1972

Available full-time; Domestic

Aaron K. Orebaugh, P.E.

Maurer-Stutz, Inc.
5830 W. Kilgore Ave.
Muncie, IN 47304, USA
765-273-6228
akorebaugh@mstutz.com
www.mstutz.com

Professional services for livestock and production agricultural facilities. Livestock experience includes planning, permitting, and engineering design for new facilities, expansions, and renovations of beef, dairy, swine, and poultry housing and manure handling/treatment/storage systems. Additional experience includes SPCC plan development for agricultural production facilities and design of agrichemical handling facilities.

Initial date of registration 2013; IN, WI, MI

Available full-time, Domestic and International

Spencer Pech, P.E.

ISG
Civil Engineer
335 Cedar Street + Suite 200
Waterloo, IA 50701
Office: 319-234-1515
Cell: 563-920-5758
Spencer.Pech@ISGInc.com
ISGInc.com

Spencer specializes in producing data-driven water quality and agriculture drainage solutions for ISG's water resource team.

Applying knowledge gained from his personal experience growing up on a family farm, formal education, and professional career, he designs drainage systems, storage basins, wetlands, and edge-of field practices for ISG's agriculture and watershed partners throughout the Midwest. With a collaborative approach, Spencer develops tailored solutions and builds lasting relationships with clients.

Initial date of registration: 2023; IA

Available full-time; Domestic

Russell A. Persyn, P.E., PhD, C.F.M.

RESPEC
407 Paris Street
Castroville, TX 78009, USA
210-248-0774
cell: 210-213-2297
russell.persyn@respec.com
www.respec.com

RESPEC is a client-focused consulting firm that has provided innovative solutions for more than 50 years. Our scientists and engineers are experts in water resource management, including irrigation water management, monitoring data collection and analysis, decision-support system development, water quality modeling, and hydrologic and hydraulic modeling in rural and urban watersheds.

Initial date of registration Dec 2004; TX, CT, GA, IA, KY, MD, MI, NC, NJ, SC, WY

Available full-time; Domestic

Jonathan C. Popp, P.E.

Popp Engineering, Inc.
2710 Ford Street
Ames, IA 50010, USA
515-232-6118
fax: 515-232-8814
jpopp@poppengineeringinc.com
www.poppengineeringinc.com

Professional engineering and project management services are provided to the seed and related agricultural industries. These services encompass renovation and new construction, specializing in air systems, dust control, and seed drying systems. All phases of projects from problem analysis and design to equipment procurement and construction management are provided to clients.

Initial date of registration 1993; IA, IL, MN, MO, NE, ND

Available full-time; Domestic

Andrew M. Pursifull, P.E.

Maurer-Stutz, Inc
8155 S 500 W
Poneto, IN 46781
309-693-7615
Cell: 260-273-8373
ampursifull@mstutz.com
www.mstutz.com

Andrew has extensive experience in the planning and/or design of conservation practices, drainage, wetlands, manure storage and transfer, livestock production facilities (dairy, swine, beef, and poultry), anaerobic digesters, IDEM permitting, construction inspection and certification, Stormwater, SPCC, agrichemical handling facilities, and more. Andrew spent the first 14 years of his career as a field and area engineer for NRCS in Indiana and has since taken his knowledge and skills to the private sector to expand the base of clients for which he can help achieve their goals.

Initial date of registration: 2013; IN, MI, OH

Available Full-time; Domestic and International

Caleb Rasmussen, P.E.

ISG
Civil Engineer
1725 Lake Avenue North
Storm Lake, IA 50588
Office: 712-732-7745
Cell: 712-304-1958
Caleb.Rasmussen@ISGInc.com
ISGInc.com

Caleb supports ISG's water, food, and industrial clients as a civil engineer with specialized knowledge of animal facility operations and water resources management. He is responsible for operations planning, permitting, site development, and nutrient management to improve and promote sustainable environmental and animal stewardship across the Midwest. With a passion for water conservation and water quality improvement practices, Caleb takes a balanced approach to agricultural drainage water management, mitigation banking and restoration, bank and grade stabilization, river and stream recreation design, and lake aquatic life habitat design to maintain a healthy environment for future generations while improving farm resiliency.

Initial date of registration: 2019, IA

Available full-time; Domestic

Registered Engineers

Timothy R. Royer, P.E.

President, Timber Tech Engineering, Inc.
22 Denver Rd., Suite B
Denver, PA 17517
717-335-2750
trr@timbertecheng.com
www.timbertecheng.com

Consulting engineering services for structural design of livestock housing and production facilities, design of agricultural waste handling and waste storage facilities, construction observation, permitting, structural design of building systems for post-frame, wood, steel, and concrete constructed buildings. Registered NRCS Technical Service Provider with NRCS project experience.

Initial date of registration 1989: AL, AR, CA, CO, CT, DE, FL, GA, IN, IA, KS, KY, MD, MA, MI, MN, MS, MO, MT, NE, NH, NJ, NY, NC, OH, OK, PA, SC, SD, TN, TX, UT, VT, VA, WV, WI, WY

Available full-time; Domestic and International

Fred B. Semke, P.E.

Semke Forensic
154 Hughes Lane
St. Charles, MO 63301, USA
636-896-9995
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fsemke@semke.com
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Forensic engineering consultant for agricultural machinery and construction equipment. Extensive experience evaluating vehicle and mechanical equipment failures. Expertise complemented by hands-on experience operating and maintaining machinery on family farm. Failure Analysis, Accident Reconstruction, Product Liability, Consumer Products, Machinery, Manufacturing Equipment, Construction/ Agricultural Equipment, Cranes, Elevators, Code Compliance Evaluations, Expert Testimony.

Initial date of registration 1998; MO, ID, IL, AR, KY, KS, OK, IA, AL

Available full-time; Domestic and International

Gregg Short, P.E.

Greenhouse Engineer
Greenhouse Design, LLC
13962 Gearhart Rd.
Burbank, OH 44214 USA
330-465-7531
Fax: 330-624-7006
gregg@greenhousedesign.us
GShort.com, LLC

Greenhouse Design LLC Engineering Group provides consulting and design services for CEA, Research, Conservatories, and Commercial Greenhouses, and Grow Room Facilities including biological containment compartments. BIM design of structure & growing systems, mechanical, electrical, plumbing (MEP) services, and controls for complete growing environments. Greenhouse Energy Assessments, Condition Reports, Expert Witness.

Initial date of registration: 1999; Active: AR, CO, DC, IL, IN, MD, MA, MI, MN, MO, NE, NY, ND, OH, TX, UT, WI Inactive: CT, HI, OK, OR

Available full time; Domestic and International

Russ Stammer, P.E.

Veenstra & Kimm, Inc.
2900 43rd Street NW, Suite 650
Rochester, MN 55901, USA
507-951-4589
rstammer@v-k.net
www.v-k.net

Consulting engineering services for agricultural waste handling and storage, manure and nutrient management, food processing waste and wastewater treatment, egg production wastewater treatment, odor control, biofiltration, planning, design, construction observation, construction management, permitting, site design, drainage, stream stabilization, flood repairs, spray irrigation design, and structure design. NRCS project experience.

Initial date of registration 1985; IA, MN, NE, WI, SD

Available full-time; Domestic and International

Jerry L. Wille, P.E.

President, Curry-Wille & Associates
Consulting Engineers, P.C.
425 S 2nd Street / PO Box 1732
Ames, IA 50010, USA
515-232-9078
jwille@currywille.com
www.currywille.com

Consultation on agricultural research/ experiment stations, commercial and private facilities housing livestock and poultry or storing grain and seed. Services include designs, plans, and specifications for the general, structural, mechanical, and electrical portions of the projects, including site development, utilities, and waste handling.

Initial date of registration 1977; IA, OK, IL, KS, OH, ID, CO, MO, MN, MS, WI, NC, KY, NE, PA, IN, MI, NJ, AR, MD, TN, AL, VA, CA, NY, WA, WY

Available full-time; Domestic and International

Other Consultants

P. Morgan Pattison, PhD, LC

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Fred B. Semke, P.E.
Principal Engineer



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For information on rates (\$95 and up) visit www.asabe.org/GuideToConsultantsinfo
or contact Jill Straub, 269-932-7019, straub@asabe.org.

WHAT A CONSULTING ENGINEER CAN DO FOR YOU

Because of their broad educational background, consulting agricultural engineers are a source of information on a wide variety of topics and can provide help with diverse technical problems. The design and management services agricultural engineers provide can be invaluable to small businesses without their own engineering departments, to agricultural producers and similar enterprises, and to large businesses or governmental agencies that want to supplement their in-house engineering departments. Consultants also can provide service to lending institutions, law firms, local units of government and planning boards, or to individuals that need expert witnesses or technical analysis.

What is a Consulting Engineer?

A consulting engineer is an independent contractor retained to work on a project-by-project basis. A consulting engineer may work alone or as a member of a consulting firm. Consulting engineers can provide a high level of technical expertise, direct personal service, and highly technical advice. Many consulting engineers are licensed professional engineers in their state of residence and must qualify to obtain licensure in other states where they practice or provide services.

What Expertise Does a Consulting Agricultural Engineer Have?

Agricultural engineers have a diverse educational background that makes them knowledgeable about many subjects; additionally, they usually focus their expertise on one of the following areas:

- Applied Sciences & Engineering
- Plant, Animal & Facility Systems
- Machinery Systems
- Ergonomics Safety & Health
- Education, Outreach & Professional Development
- Processing Systems
- Natural Resources & Environmental Systems
- Information Technology, Sensors & Control Systems
- Energy Systems

For more information, please visit www.asabe.org/GuideToConsultantsInfo

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This stand-alone print directory is mailed along with our May/June issue of *Resource* magazine. It is also posted on the ASABE website for approximately 12 months and distributed when ASABE receives queries regarding consultants. It may also be distributed at other events. Search Google for “agricultural engineering consultant” or “biological engineering consultant” and see “Why Hire A Consultant”.

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CODE OF ETHICS OF ENGINEERS

The Fundamental Code of Principles

Engineers uphold and advance the integrity, honor and dignity of the engineering profession by:

- I. using their knowledge and skill for the enhancement of human welfare;
- II. being honest and impartial, and serving with fidelity the public, their employers and clients;
- III. striving to increase the competence and prestige of the engineering profession; and
- IV. supporting the professional and technical societies of their disciplines.

The Fundamental Canons

1. Engineers shall hold paramount the safety, health and welfare of the public in the performance of their professional duties.
2. Engineers shall perform services only in the areas of their competence.
3. Engineers shall issue public statements only in an objective and truthful manner.
4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees, and shall avoid conflicts of interest.
5. Engineers shall build their professional reputation on the merit of their services and shall not compete unfairly with others.
6. Engineers shall act in such a manner as to uphold and enhance the honor, integrity and dignity of the profession.
7. Engineers shall continue their professional development throughout their careers and shall provide opportunities for the professional development of those engineers under their supervision.



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