

A supplement to

RESOURCE

Engineering & Technology for a Sustainable World

May/June 2021

2021 GUIDE TO CONSULTANTS



PUBLISHED BY AMERICAN SOCIETY OF AGRICULTURAL AND BIOLOGICAL ENGINEERS

advice expert



GUIDE TO CONSULTANTS 2021

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, www.ncees.org. 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, construction observation, land treatment, soil stabilization, and edge of field practices. NRCS Technical Service Provider in IA, IL, MO, MN, and MS.

Initial date of registration: 2014; IL, MO, IA, MN, TX
Available full time; Domestic and International

Bradley J. Bond, P.E.

Curry-Wille & Associates
425 S 2nd Street/PO Box 1732
Ames IA 50010, USA
515-232-9078
bbond@currywille.com
www.currywille.com

Engineering consultant for various livestock facility designs, manure handling/treatment/storage, vegetative treatment systems for open lot runoff, livestock permitting, research facilities, secondary containment for fertilizer & pesticides, grain handling & storage, and general agricultural consultation. Services include design, facility planning, site selection, site layout, programming, and design for agricultural and commercial sites.

Initial date of registration 2014; IA, GA, TX, SD
Available full-time; Domestic and International

Bethany Brittenham, P.E.

ISG
Civil Engineer
508 E Locust St
Des Moines, IA 50309, USA
712-732-7745
cell: 402-879-1819
Bethany.Brittenham@ISGInc.com
ISGInc.com

Bethany specializes in the design and implementation of water quality practices, with a focus on Edge of Field systems such as saturated buffers and bioreactors. She is skilled at collaborating with multiple stakeholders in wetland design and restoration, and providing industry-leading green infrastructure solutions for rural and urban clients.

Initial date of registration: N/A
Available full-time; Domestic

William A. Cook, P.E., L.S.

Neosho Engineering & Technology
20475 Udall Road
Stark, KS 66775, USA
620-754-3500

Boundary surveying, topographic surveying, construction staking, land use planning, preliminary planning for water control structures, real estate development, and community planning.

Initial date of registration 1981; KS
Available full-time; Domestic

Ivan Droessler, P.E.

ISG
Senior Civil Engineer
1725 North Lake Avenue
Storm Lake, IA 50588, USA
712-732-7745
cell: 712-299-1487
Ivan.Droessler@ISGInc.com
ISGInc.com

ISG specializes in agricultural drainage, Edge of Field practices, CAFO development and permitting, manure storage, and wastewater treatment. Our in-house drone and pipe crawler services allow us to provide in-depth evaluations and cost-effective drainage solutions. Through well-engineered and designed systems, ISG Ag partners experience expedited environmental approvals, enhanced production, minimized maintenance and repair costs, and a reduced environmental impact.

Initial date of registration 1990; IA
Available full-time; Domestic

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, agricultural 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
johng@agengineering.com
www.agengineering.com

AEA provides experienced (40 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

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

JGMIII Inc
9127 SW 52nd Avenue, Suite D-102
Gainesville FL 32608, USA
352-371-4655
cell: 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, AZ, IA, VA, TX, KY, OH, SC, NC, TN
Available full-time; Domestic and International

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

Registered Engineers

Aaron K. Orebaugh, P.E.

Maurer-Stutz, Inc.
5830 W. Kilgore Avenue
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

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

RESPEC
1105 Lorenzo Street
Castroville, TX 78009, USA
210-570-5962
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, IA, SD, MI, KY, CT, MD, GA
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

Timothy R. Royer, P.E.

Timber Tech Engineering, Inc.
22 Denver Road, Suite B
Denver, PA 17517, USA
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, site design, stormwater management design, 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, 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
cell: 314-603-6382
fax: 636-896-9695
fsemke@semke.com
www.semke.com

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

Russ Stammer, P.E.

Veenstra & Kimm, Inc.
2900 43rd Street NW, Suite 650
Rochester, MN 55901, USA
507-282-5000
cell: 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, TSP.

Initial date of registration 1985; IA, MN, NE, WI, SD
Available full-time; Domestic and International

Nicholas Tipper, P.E.

Application Insight, LLC
2519 Wilson Avenue
Lansing, MI 48906, USA
877-410-2363
solutions@applicationinsightllc.com
www.applicationinsightllc.com

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Initial date of registration 2011; WA and 2017; MI
Available full-time, Domestic and International

Ron Turner, P.E.

Limbach Company LLC
3120 Spanish Oak Drive
Lansing, MI 48911, USA
517-827-0250
cell: 248-296-1081
controlledagriculture@limbachinc.com
www.limbachinc.com

With over 120 years of experience, Limbach provides innovative engineering and design-build services. We specialize in controlled environment agriculture MEP systems which are mission critical for owners to increase yields, gain more control and grow faster. Primary services include complete facility design, controls & automation, optimization, construction, commissioning and HVACR service.

Initial date of registration 2004; OH, PA, WV, MI
Available full-time; Domestic

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

Nellie J. Brown, M.S., C.I.H.

Director of Workplace Health & Safety Programs
Lead Programs Manager
Cornell University, ILR School
617 Main Street, Suite 300
Buffalo, NY 14203, USA
716-852-1444 ext 111
njb7@cornell.edu
<https://www.ilr.cornell.edu/worker-institute/education-training/workplace-health-and-safety>

Nellie Brown is a certified industrial hygienist, providing health and safety training and technical assistance. She developed a process failure and hazard assessment protocol for anaerobic digesters used for processing manure and generating electricity on dairy farms. Nellie serves on an ASABE committee developing a standard on manure pit ventilation.

Available part-time

Concepts Covers & Liners

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21390 Heywood Avenue
Lakeville, MN 55044, USA
952-829-0731
anderson@ieccovers.com
www.ieccovers.com

IEC is a turn-key provider of covers & liners. We design, fabricate & install covers & liners on wastewater basins for large dairy & hog producers in addition to industrial and municipal projects. Anaerobic covers are our specialty. We work closely with engineers & clients using tanks and lagoons for projects involving energy, biosolids, rainwater or process treatment.

P. Morgan Pattison, PhD, LC

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Johnson City, TN 37604, USA
805-217-3878
morgan@sslsinc.com
www.sslsinc.com

Agricultural Lighting Consultant - Lighting technology specialist. Specifications development, product selection and purchasing, product development, field research, measurement and verification (M&V), testing. Experience in connecting plant/animal physiological responses to new lighting technologies and products. Greenhouse, indoor, cannabis, poultry, lab animal, wildlife lighting and more. Specialty-custom product development.

Available part-time; Domestic

Susanna H. Sutherland, M.S., PhD

Principal of Sutherland & Associates, LLC
1527 W Woodlawn Avenue
San Antonio, TX 78201-5454, USA
865-688-3549
susanna@saenv.com
www.saenv.com

Sutherland & Associates develops shared and integrated approaches to transform water and energy resource management in rural and urban communities. We interpret the languages used by various fields to smooth collaborations across disciplines and sectors. We communicate highly technical concepts to non-technical audiences so that operational changes can be implemented.

Available part-time; Domestic and International

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Bethany Brittenham, PE
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Principal Engineer

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President

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Your personal/company consultant business card could appear here. For information on rates (\$95 and up) visit www.asabe.org/GuideToConsultantsinfo or contact Sandy Rutter, 269-932-7004, GuideToConsultants@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:

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

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

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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”.

More Advertising Opportunities: www.asabe.org/ADVERTISE

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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.