

Animal Feedlots



The ever expanding animal feedlot industry requires producers to be continuously updating their production operations while meeting state and county feedlot requirements. Updating or expanding an operation can mean different things for different producers. Experience with the following projects has developed our expertise in this area: liquid manure storage areas for hog barns and cattle barns, compost facilities, hoop barn structures, open feedlot drainage designs, mono slope roof structures and earth lined lagoons. These projects require competence with engineered plans, soil profiles, construction inspections, concrete testing, environmental assessment worksheets, site design and land surveying.

Open Feedlot/Hoop Barns

Feedlot operators are also conscientious of environmental concerns related to nutrient runoff leaving open feedlots from rainwater or snowmelt. Housing the animals under a roofed structure prevents storm water runoff contamination. As a Technical Service Provider (TSP), we help producers work in conjunction with the Natural Resources Conservation Service (NRCS) through the Environmental Quality Incentives Program (EQIP) to build covered feedlot structures to prevent runoff and protect water quality.

Hog Confinement Barns

Designing liquid manure storage areas requires knowledge of all types of hog confinement barns including: finishing, nursery, farrowing, gestation, gilt development and isolation barns. Sizes range from 24" shallow pit flush barns to 12' deep pits or even below grade circular storage tanks.

Composting Facilities

On-site composting facilities are becoming more popular in the effort to reduce the spread of disease. With little cost and minimal maintenance to operate the facility, it is an easy and cost effective method of dealing with animal mortalities. Designing composting facilities to the size and capacity required can be accomplished—with or without roof structures—to meet the needs of the client, while also meeting NRCS requirements.

Poultry Production

Poultry producers that plan to build, modify or expand facilities must meet state requirements for permitting, manure storage design and siting of facilities. With a strong background in the agricultural industry, ISG is a leader in providing a full range of planning, engineering, architectural and environmental services to poultry producers, including egg production and processing facilities.



www.is-grp.com

Services

ARCHITECTURE

ARCHITECTURE
INTERIOR DESIGN
LANDSCAPE ARCHITECTURE
PLANNING

ENGINEERING

CIVIL
STRUCTURAL
MECHANICAL
ELECTRICAL
MUNICIPAL
LAND SURVEYING
TRANSPORTATION

ENVIRONMENTAL

TESTING
ASSESSMENTS
PERMITTING
PLANNING & FEASIBILITY
GEOGRAPHIC INFORMATION SYSTEMS

PLANNING

COMMUNITY
MUNICIPAL
RESOURCES

Work

AGRICULTURE
CIVIC AND CULTURE
COMMERCIAL
EDUCATION
ENERGY
GOVERNMENT
HEALTHCARE
HOUSING
INDUSTRIAL
MINING
PUBLIC WORKS
SPORTS AND RECREATION