GTS TECHNOLOGIES

Building the future
Excelling today

DRILL PAD ENGINEERING

Striking a Balance

With more than 50 years of Pennsylvania site engineering, permitting, and regulatory compliance experience, GTS can sort through the myriad of tasks related to regulatory and permitting requirements, coordinate with multiple parties, and conduct the necessary tests and investigations to avoid costly delays or mistakes. From our Harrisburg and Wellsboro locations, our professional staff, including former PADEP regulatory specialists, literally paves the way for smooth, rapid, and cost-effective project completion.

Services

- Location/Land Use Studies
- Site Plan Development
- Well/Site Permitting
- Drill Pad Design
- Gathering/Pipeline Layout
- Impoundment/Dam Design
- Embankment Stability/Seepage Analysis
- Geosynthetic Liner Design
- Structural Engineering/Foundations/Walls
- Access Road Design/Permitting
- HOP/Driveway Permits
- Erosion & Sediment Control (ESCGP)
- Stormwater BMPs/PCMS
- Wetland Delineation/Mitigation
- Stream Restoration/Encroachment
- Threatened & Endangered Species (PNDI)
- Archaeologic Evaluations
- PPC Plans/Spill Prevention
- Water Supply Well Development/Drilling
- Well Rehab/Abandonment
- Pump Installations
- Water Treatment
- Vacuum Excavation
- Water Withdrawal Approvals
- Water Intake Design
- Environmental Drilling
- Gas Well Top Holes
- Hydrogeologic/Groundwater Studies
- Geophysical Investigations/Geoprobe
- Geotechnical Engineering
- Materials Testing/In-House Lab
- Boring/Drilling Inspection
- Baseline Sampling/Testing
- Survey/Mapping/GPS
- Facilities Design/Build
- Environmental/Regulatory Compliance
- Site Remediation/Reclamation
- Remedial Systems Installation
- Field Inspection/Monitoring
- On-Site Safety Services
- Construction Administration/Inspection

From geophysical investigations to detect hidden problems, to permit acquisition and engineering design of effective site solutions, our engineers and scientists apply a wealth of Pennsylvania knowledge to the bottom-line success of our clients Our diverse professional staff includes civil, geotechnical, environmental, highway, and structural engineers; geologists and geophysicists; hydrogeologists; surveyors; environmental and wetland scientists; stormwater and groundwater specialists; biologists; and GIS/CADD technicians. GTS has proven experience with PADEP, the U.S. Army Corps of Engineers, PennDOT, the Susquehanna and Delaware River Basin Commissions, FEMA, and PA county conservation districts.

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