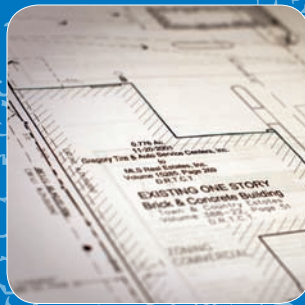


behind every great
accomplishment...



is an even greater team

JEA *HydroTech Engineering, Inc.*
Engineers • Surveyors • Planners • Hydrologists



Who We Are

JEA HydroTech Engineering, Inc. is a diverse and experienced group of Licensed Professional Engineers and Registered Professional Land Surveyors. The firm is the result of a 2004 merger of J•E & Associates Consulting Engineers (1988) and Hydrotech Engineering (1996). Our professionals are the foundation of our success. Led by Principals Ed Gutierrez, P.E. and Adel Zantout, P.E., our team has professional experience spanning centuries in the following disciplines:

- Engineering
- Surveying
- Hydrography, Hydrology and Hydraulics
- Construction Management
- Gas Well Permitting

JEA HydroTech also delivers Design/Build and Construction Management services through its sister company JEA Construction Managers and Contractors, LLC (JEA CMAC). Utilizing a Design/Build approach, JEA HydroTech provides a higher level of value added services to our clients.

We are an ideal partner for organizations seeking to meet minority participation requirements while achieving expert service and results. The firm is a minority owned business enterprise certified through the State of Texas as a Historically Underutilized Business (HUB), through the NCTRCA as a Disadvantaged Business Enterprise (DBE), and through the DFW MSDC as a Minority Business Enterprise (MBE).

Core Values

Dignity and Worth of Each Individual... We recognize and respect the abilities of each person, acknowledge their contributions, provide recognition for a job well done, and commit ourselves to helping each person grow.

Shared Leadership... Sometimes we lead and sometimes we follow. We all share the responsibility for doing the right things in the right way for the right reasons in the right time and place.

Pursuit of Excellence... We constantly seek new and better ways to serve our clients and community and believe that every time we touch a client's or member of our community's life, we provide added value to them.

Profitability and Growth... Aligned by our values and focused on our mission statement, when we deliver superior service and deliver on our promises, we will achieve financial success and prosperity, allowing us to flourish for many years.



Mission Statement

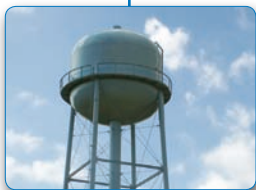
To enhance performance in professional engineering and surveying services, attain success in meeting “project time-frames”, strive to maintain product quality and achieve client satisfaction.



Engineering

Municipal Engineering

- Water Supply, Storage, Pumping and Distribution
- Lift Station, Force Main and Gravity Sewer Design
- Rate Studies
- Impact Fee Studies
- Storm Drainage Utility Development
- Water Wells, Pump Stations, Pipelines and Storage Tanks (Ground/Elevated), Analysis and Design
- Street and Pavement Design
- Public Utilities Design and Layout
- Public Hearing Presentation and Representation
- City Standards Development
- Water Distribution Network Analysis and Numerical Modeling



Structural Engineering

- Bridge Design and Layout
- Building Design and Layout
 - Tilt Wall System
 - Masonry Wall
 - Steel Frame Systems
- Foundation Support System Design and Layout
 - Reinforced Concrete
 - Sub-surface Support Systems
- Structural Framework Analysis and Design
- Retaining Wall Design
 - Modular Masonry System
 - Reinforced Concrete
 - Sheet Pile Retaining System
- Reinforced Earth – Application and Design
- Geotechnical Studies



Site Development

- Site Planning and Permitting
- Site Constraint Analysis
- Residential
 - Single Family
 - Multi Family
- Commercial
- Industrial
- Grading and Drainage
- Erosion Control Plan – SWPPP
- Water and Wastewater Systems
- Pavement Design
- Horizontal Control
- Traffic Control
- Public Representation





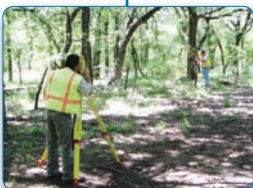
Surveying

Land Surveying

- Forensic Boundary Surveys
- ALTA/ACSM Surveys
- Commercial and Residential Developments
- Utilities and Rights of Way
- Complex Property Consolidations

Oil and Gas Surveying

- Unit Designations
- Well Staking
- Seismic Consulting
- As Drilled Well Plats
- Topographic and Boundary Surveys



Construction Surveying

- Heavy Civil Construction
- Topographic Surveys
- Volume/Quantity Surveys
- Railway Layout
- Paving, Drainage and Utility Staking

Geodetic Surveying

- Network Control Surveys
- Precise Leveling
- Least Squares Adjustments
- Datum Transformation
- Geodetic Consulting



Pipeline Right-of-Way

- Pipeline Easements
- Access Maps for Land and Right-of-Way
- Right-of-Way Descriptions
- Survey Plats and Alignment Sheets
- Construction Staking
- Directional Bore Designs
- As-Built Surveys



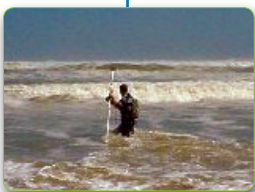


Hydrography, Hydrology and Hydraulics

Bathymetric Surveys

Bathymetry is the study of the depth of water bodies and sea bottoms.

- Marina Surveys
- Coastal Waters and Transition Zones
- Small Craft Harbors and Docks
- Tidal Variations



Flood Studies and Surveys

- Detention/Retention Ponds
- CLOMR, LOMR
- Channel Design
- Storm Drainage Network
- Master Planning
- Elevation Certificates
- Numerical Modeling



Water Resources

- Reservoir Yield
- Well Water Supply
- Pump Stations
- Transmission Pipeline
- Surface and Subsurface Water Supply Evaluations and Rate Studies
- Project Review and Permitting
- Section 404 Permitting
- Dam Safety Evaluation
- Dam Permitting
- Water Use Permitting





Construction Management

- Design/Build
 - Office Buildings
 - Parking Area Design and Layout
 - Utilities
- Project Planning
- Project Management
- Project Scheduling
- Construction Cost Estimating
- Risk Assessment



Gas Well Permitting

- Lease Surveys/ Lease Plats/Railroad Commission Plats
- Unit Designations
- Ambient Noise Studies and Sound Level Monitoring
- Drilling and Production Pad Design and Permitting
- Phased Drilling Planning
- Water Sources for Fracturing
- As Drilled Plat Documents



"When it was decided to add a Garden event area to the Ruthe Jackson Center in Grand Prairie I did not hesitate in contacting JEA HydroTech to handle this project. As usual, they were outstanding in responding to our needs and giving us direction on this project. "

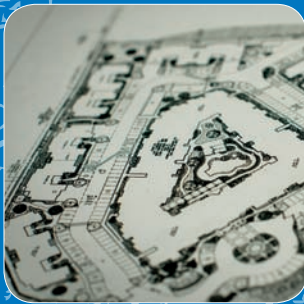
*Steven D. Plumer, RLA, ASLA
Sr. Parks Project Manager
City of Grand Prairie, Texas*

"From the beginning of our project, your civil engineering staff offered the knowledge and ability that brought us to an incredible Grand Opening of a beautiful new facility. I would like to express our appreciation for the services your firm has provided to bring our new church facility to a successful completion."

*Mel Dietz, Administrator
Crossroads Christian Church
Grand Prairie, Texas*

"We have been associated with JEA HydroTech since 2006. During our association, JEA HydroTech has always fulfilled its responsibilities in a timely and diligent manner. I have no hesitation in recommending JEA HydroTech to any oil and gas firm that may require any of the professional services they provide."

*Rick Harding, President
The Harding Company
Dallas, Texas*



Texas Board of Professional Engineers
Texas Board of Professional Land Surveying
State of Oklahoma – Professional Engineering Services
State of Louisiana – Professional Engineering Services
State of Louisiana – Professional Land Surveying Services

Registration No. F-2426
Registration No. 101185-00
Certificate No. 5905
License No. 4603
License No. 642

fort worth dallas
www.jea-hydro.com 817-451-9000

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