# JACOB Martin



# PROFESSIONAL ENGINEERING SERVICES AMERICAN RESCUE PLAN ACT OF 2021 CORONAVIRUS LOCAL FISCAL RECOVERY FUND PROJECT









# **BROWN COUNTY**



September 7, 2021 (Exhibit #5)



info@jacobmartin.com www.jacobmartin.com



3465 Curry Lane Abilene, TX 79606 325.695.1070 1508 Santa Fe, Suite 203 Weatherford, TX 76086 817.594.9880 4920 S. Loop 289, Suite 104 Lubbock, TX: 79414 806.368.6375

TBPF Firm #: 2448

TBPELS Firm #: 10194493 - Abilene

TBPELS Firm #: 10194590 · Weatherford

TBAE Firm #: BR 2261



INTEGRITY EXCELLENCE TRUST

8/31/2021

**Brown County** Attn: Mr. Joel Kelton, Commissioner, Precinct 2 200 South Broadway, Suite #111 Brownwood, Texas 76801

RE: American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

Members of the Selection Committee:

JACOB | MARTIN is pleased to respond to the Request for Qualifications for Brown County's American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Project. We understand the significance of this project and the importance to "deliver a return on investment" to Brown County and its citizens on this high-visibility project. We understand clearly the scope of services the County is requesting. We feel the qualifications of our team, our local expertise and our methodology are best suited for the successful completion of this project.

Since 1948, our firm has been providing engineering, surveying, and more recently architectural services to local governmental entities throughout the area. We pride ourselves on providing our clients with projects which are on time and under budget. We are committed to delivering "best in class" engineering, architectural, and surveying services using the latest technologies and the most efficient processes for the given project.

Thank you again for considering our Statement of Qualifications. If you have any questions regarding our company, feel free to call us. I will be available at your convenience to meet with you to discuss our submittal and answer any questions you might have concerning our qualifications. We are excited about this opportunity and have the office and field staff ready to start immediately. Please contact me directly if you have any questions or if you need any additional information.

Regards,

Ken Martin, P.E. **Principal In Charge** 



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Lubbock, 1X 79414

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# Section 1: Ability to Provide Service



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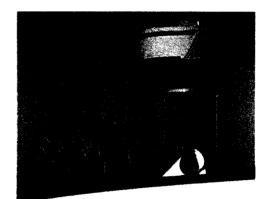
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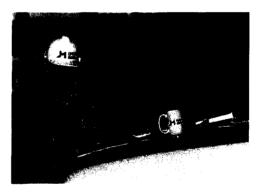
# **About Us**

Our firm offers a wide scope of architectural, engineering, surveying, and specialized services to meet the needs of municipalities, counties, utility districts, and private organizations. We believe that direct and personal interaction and consultation with you, Brown County, is the most important component to the problem-solving process.

JACOB | MARTIN strives every day to deliver results. Even though we have had the privilege to work for some of our clients for decades, we strive to earn their business with each and every project. Our project managers' "hands-on approach" to design and construction administration ensure a successful project delivery while keeping Brown County informed every step of the way.

Our team of highly qualified professionals are the strength of JACOB | MARTIN. Each team member is uniquely gifted and contributes according to his or her area of expertise. Our employees bring experience, innovation, and a pledge to excellence every day. We encourage opportunities to grow professionally. personally, and spiritually. That's what makes us unique. That's what makes us strong.





### What We Believe.

### Integrity • Excellence • Trust

These principles define who we are and guide everything we do. We believe that relationships are built on a foundation of integrity, excellence, and trust. We believe that honesty and open communication are the keys to success for every relationship and every project. The services we make available, the designs we generate, and the method in which we deliver them are testimony to these principles.

# **Our Services**













ENGINEERING

ARCHITECTURE

SURVEYING

CONSTRUCTION

GIS

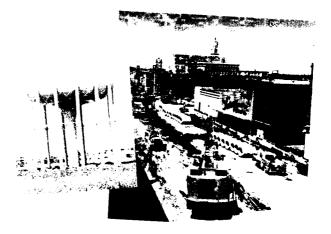
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**ENVIRONMENTAL** 

Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

# **Company History**

JACOB | MARTIN can trace its roots back to Abilene, Texas in 1948 when a man named Earnest Yeatts began Yeatts Engineering. The company has seen only a handful of owners in the past 70+ years, providing excellent service to communities throughout Texas. The firm began as a civil design firm adding a surveying department back in 1956. While public infrastructure projects are still the core of our business, our service offering has expanded to include architecture, mechanical, electrical, plumbing, and structural design along with a full complement of support services. We also provide environmental services, project inspection, and geographic information system (GIS) services.



2015 2003-2008 Jacob & Martin, Ltd. Jacob & Martin, LLC 1948 1975 2018 Turner, Dugger, Fillingim and Full service design firm Over 500 projects in 2015 JACOB | MARTIN **Yeatts Engineering** Yeatts & Decker Harle joined management team **Opened Weatherford Office Client driven** Martin joined Yeatts & Added Architecture and MEP&S Technology focused Small Civil Design Firm Dacker **Opened Lubbock Office Small Civil Design Firm** 500 projects / year 2 Employees 250 projects / year ~75 Employees ~10 Employees ~25 Employees ~60 Employees 2000 2018 1940 1960 1980 1950 1970 1990 2010Asset purchase Derek Turner joins **Billy Jacob** Added Surveying (1956) joins firm (1971) Management Team (2003) of Jones Engineering, LLC JM designs First Reverse Added Architecture Ken Martin (2018) Yeatts Engineering Osmosis WTP in Texas MEP&S (2008) Joins firm (1974) Small Civil Design Firm (1948) West of I-35 (1998) Will Dugger, Tal Fillingim & Kirt Harle join Management Team (2008) Decker, Jacob & Martin became Added Field to **O.H Ivie Pipeline** Jacob & Martin (1983) Finish Tech. (2013) Project (2000) Yeatts Engineering becomes Yeatts & Decker becomes Yeatts & Decker (1960) Added GIS Dept. (2012) Decker, Jacob & Martin (1979) Added Project Firm Inspection Dept. (2004) **Date of Formation Team Members** Point of Contact Legal Name Jacob & Martin, LLC 1948 Ken Martin, P.E. JACOB | MARTIN **Principal In Charge** (325) 695-1070 x101 Address Legal Description **Corporate ID** kbm@jacobmartin.com Limited Liability Corporation 3465 Curry Lane DUNS #: 128010667 Abilene, Texas 79606 CAGE CODE: 5TYQ2

Firm Registrations TBPE Firm #: 2448 | TBAE Firm #: BR 2261 | TBPLS Firm #: 10194493 – Abilene | TBPELS Firm #: 10194590 - Weatherford

# **Financial Stability**

**JACOB** | **MARTIN** holds a valid Certificate of Registration from the Texas Board of Professional Engineers. Our firm number is F-2448. Jacob & Martin also holds a valid Certificate of Registration for the Texas Board of Architectural Examiners. Our firm number is BR-2261. The Certificate of Filing with the State of Texas Office of the Secretary of State demonstrates our license to do business in the State of Texas. The Certificate of Conversion documents the Limited Partnership's conversion to a Limited Liability Corporation effective January 30, 2015.





### **Statement of Existence**

JACOB | MARTIN has operated an established office in the State of Texas since 1948.

### **Statement of Experience**

JACOB | MARTIN employs numerous licensed architects and engineers with no less than five (5) years' experience licensed by the State of Texas.

### **Material Adverse Changes in Financial Position**

**JACOB** | MARTIN, converted from a Limited Partnership to a Limited Liability Corporation in January 2015. This does not represent an adverse change in financial position. No other historical, existing or anticipated changes in financial position exist.

### Bankruptcy

JACOB | MARTIN has never declared bankruptcy or filed for protection from creditors under state or federal proceedings.

### **Completion of Contracts**

JACOB | MARTIN has completed all contracts within the determined schedule.

### Violation of Laws

**JACOB** | MARTIN has not been convicted of any criminal conduct or been found in violation of any federal, state, or local statute, regulation or court order.

Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

# **Summary of Experience**

### THE JM ADVANTAGE

### ARCHITECTURE

JACOB | MARTIN's architects bring over 75 years of experience to bear across a wide variety of markets and applications including government, medical, education, multi-family, commercial/retail, higher education and industrial facilities. Our multi-disciplinary approach to delivering architecture projects improves communication internally and with the Client by engaging a subject matter expert during all phases of design. We are actively engaged throughout the Texas region enabling our architects to meet on site with facility owners with minimal coordination.

### MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERING

JACOB | MARTIN provides a full complement of MEP services. Our Mechanical department has worked on numerous mechanical systems supporting higher education, K-12, general commercial, district energy production, and municipal governments. The Electrical department has extensive experience and knowledge in electrical distribution systems, emergency generator and transfer switch design, building electrical systems, building lighting, street lighting, building fire and energy control systems, and arc-flash studies.

### CIVIL AND STRUCTURAL ENGINEERING

JACOB | MARTIN was established in 1948 as a civil design firm. Our civil engineers provide numerous services to local governments for all types of public infrastructure including water, wastewater, streets, sidewalk, storm water, parks & recreation, land development, site planning, and geographic information system projects. We also provide services to non-governmental entities including residential and commercial land development, site planning and design, utility extensions, drainage analysis along with foundation and structural design.

### ENVIRONMENTAL ENGINEERING

JACOB | MARTIN's environmental and civil engineers are actively engaged throughout the Texas region on numerous environmental projects including industrial waste, landfill, wastewater treatment, permitting, spill prevention, and other regulatory issues. Mr. Charles Keith, R.S. leads our Environmental Department having retired from the Texas Commission on Environmental Quality in 2006. He brings over 40 years of environmental experience having worked for the Texas Health Department, Texas Water Commission, Texas Natural Resource Conservation Commission, and the Texas Commission on Environmental Quality.

### **BUILDING ENERGY PERFORMANCE ENGINEERING**

JACOB | MARTIN has provided over forty energy audits for local government facilities throughout Texas. Our MEP Engineers have established track records of building energy performance life-cycle analysis and capital improvement planning.

### **BUILDING ENVELOPE ANALYSIS**

JACOB | MARTIN has provided numerous evaluations of existing structures to determine the safety and structural integrity of the existing building envelope. We have performed evaluations on various structures including a historic hotel, a building damaged by fire, a multi-story abandoned building, a nursing home facility, and multi-family facilities. Our architects and engineers have recommended and designed improvements for these type projects.



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# Section 2: **Project Approach**

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# **Project Approach**

JACOB | MARTIN has a proven track record of delivering wastewater, water system, drainage, and paving projects. Our approach and delivery of the project is provided entirely in-house with JACOB | MARTIN's experienced and proven personnel. This allows for a seamless line of communication which is paramount for the success of any project.

JACOB | MARTIN will provide the following project approach to deliver Brown County's Improvement project. Our surveying crews will provide all required topographic and construction surveying using the latest technologies guaranteeing unparalleled accuracy, speed of collection, and efficiency in processing. We will provide preliminary design services with current day cost estimates. Our knowledge of local contractors will ensure that these estimates serve as solid planning tools for Brown County. The project design



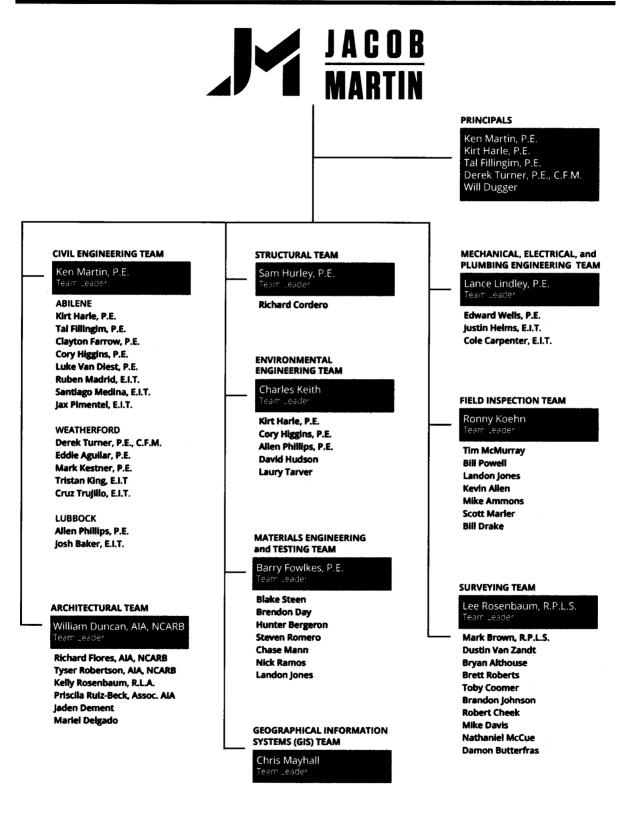
team will finalize design and cost estimates after consultation with Brown County. Our engineers and support staff will finalize construction plans, specifications, and contract documents for bidding purposes.

JACOB | MARTIN will assist Brown County in selecting the most qualified bidder and prepare all construction contracts. The project management team will conduct a pre-construction conference with Owner, contractor, and others. Our engineering staff will provide periodic and final inspection of the project(s) to confirm the projects are built according to specifications. Lastly, our project management team will provide construction management throughout the project, coordinate efforts with the contractor, and provide construction plan interpretation. We take pride in managing the process while keeping you, our client, apprised of each milestone.



#### **Project Scope of Services (Provided In-House)**

- Determine sizing of infrastructure requirements
- Prepare preliminary and final plans and specifications
- Topographic and construction surveying
- Preparation of all construction and bid documents
- Conduct pre-construction conference
- Construction administration and management





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# Section 3: **Staffing Capabilities**

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# Ken Martin, P.E.

Principal In Charge - Civil Engineering Services



### Education

B.S.in Civil Engineering Texas Tech University, 1973

### Registrations

Registered Professional Engineer, Texas, P.E. No. 44025

### **Expertise**

- Elevated Tanks
- Groundwater
  Development
- Hydraulic Modeling
- Master Planning
- Pump Station Design
- Water Distribution
- Water Storage Tank
- Water Supply Studies
- Water Treatment

### Summary

Ken Martin received his Bachelor of Science Degree in Civil Engineering from Texas Tech University in 1973. Upon graduation, he was employed as a consulting engineer with Freese, Nichols and Esmond in Dallas, Texas. In 1975, Mr. Martin joined Yeatts & Decker which is now JACOB | MARTIN. Ken brings over forty years of experience working with municipalities, rural water system and private organizations. His experience includes including water and wastewater collection, treatment and distribution, landfill design, park & recreation facilities, land development, drainage and transportation systems. Mr. Martin currently serves as President and Principal In Charge.

### **Project Specific Expertise**

Since joining JACOB | MARTIN in 1975, Mr. Martin has been responsible for the design, project management and construction administration of more than a thousand miles of potable water supply lines throughout West Central Texas. Mr. Martin has a significant history in working with municipal governments and rural water systems to assist in the funding of high priority projects. Notable projects throughout the years include the 53-mile Lake O.H. Ivie Raw Water Supply Line for the City of Abilene and the design of the first Reverse Osmosis Water Treatment Plant West of I-35 in the State of Texas.

### **Relevant Project Expertise**

- 2020 City of Ranger WWTP Pond System
- 2019 City of Early WWTP Pond System
- 2019 City of Baird WWTP Pond System
- 2018 S.U.N. WSC Water System Improvements
- 2018 Morton Valley WSC Water System Improvements
- 2018 Ira WSC -Elevated Storage And Water System Improvements

2018 - Haskell County - TDA 17/18 Water System Improvements for Paint Creek

- 2018 City of Tye Water Distribution Improvements
- 2018 City of Snyder Chemplex Water Line
- 2018 City of Seymour RO WTP Improvements

# Kirt Harle, P.E.

Professional Engineer - Civil Engineering Services



Education

B.S.in Civil Engineering Texas Tech University, 2002

M.S.in Civil Engineering Texas Tech University, 2003

### Registrations

Registered Professional Engineer, Texas, P.E. No. 98381

### Expertise

- Detention & Retention Facilities
- Drainage Analysis
- Roadway & Paving Design
- Sidewalk Design
- Utility Infrastructure
- Hydraulic Modeling
- Master Planning
- Pump Station Design
- Water Distribution
- Water Storage
- Water Treatment
- Sanitary Sewer Rehabilitation
- Sewer Collection
- Wastewater Treatment

### Summary

Kirt Harle graduated from Texas Tech University with a Bachelor of Science degree in Civil Engineering. Mr. Harle continued his education and completed his Master of Civil Engineering in December of 2003. Since joining JACOB | MARTIN in 2003, Mr. Harle has worked with numerous municipalities, water supply corporations and water district projects. Mr. Harle has played a primary role in many projects from conception to completion.

### **Project Specific Expertise**

Mr. Harle has designed and been the project manager for numerous wastewater and water systems improvements. Mr. Harle is proficient in hydraulic modeling, design of elevated tanks, ground storage tanks, rural water lines, lift stations, sewer lines, wastewater treatment plant, microfiltration and reverse osmosis treatment. He has prepared numerous engineering reports to secure funding for federal and local municipalities. These reports include hydraulic analyses of existing water and wastewater systems, cost estimates and recommendations for proposed improvements.

### **Relevant Project Expertise**

2021 - Texas HHSC - San Angelo State Supported Living Center -WWTP Pond Liner Replacement

- 2021 Upper Brazos Regional Flood Planning Group
- 2021 City of Big Spring Water Line Replacement
- 2021 City of Snyder WTP and WTP Improvements
- 2020 City of Big Spring 2020 Seal Coat
- 2020 City of Snyder Water and Sewer Line Replacements
- 2020 City of Big Spring Water and Sewer Line Replacements
- 2019 City of Big Spring 2018/19 Water Line Replacements
- 2019 City of Abilene Buffalo Gap Elevated Tank Rehab
- 2019 City of Big Spring F700 30 " Sewer Line Replacement
- 2018 Lawn, Buffalo Gap, and Tuscola Abilene Treated Water Supply
- 2018 City of Abilene North 6th Water Line Improvements
- 2018 City of Coleman Water Treatment Plant
- 2018 City of Bangs Water System Improvements
- 2018 City of Abilene Water Distribution System Evaluation,
- Modeling, and Master Plan

# Luke Van Diest, P.E.

Professional Engineer - Civil Services



### Education

B.S.in Computer Science University of Nebraska at Kearney, 2004

B.S.in Civil EngineeringUniversity of North Dakota,2016

### Registrations

Registered Professional Engineer Texas, P.E. No. 136308

### Expertise

- Groundwater Development
- Hydraulic Modeling
- Lift Station Design
- Master Planning
- Pump Station Design
- Wastewater Collection
- Wastewater Pond Systems
- Water Distribution

### Summary

Luke Van Diest graduated from the University of North Dakota in 2016 with a Bachelor of Science degree in Civil Engineering. Mr. Van Diest also has a Bachelor of Science degree in Computer Science from University of Nebraska. Since joining JACOB | MARTIN in 2015, Mr. Van Diest has assisted with the design of several projects including wastewater treatment, groundwater development, and water distribution and storage. He has prepared engineering reports and studies including financial analysis for several project applications to be funded by TWDB and USDA. Through these projects, Mr. Van Diest has experience working with municipal governments, rural water supply systems, and regulatory agencies including TCEQ.

### **Project Specific Expertise**

Since 2015, Mr. Van Diest has been involved in the design of several water supply, treatment, and distribution projects. He has performed technical reviews including submittals to TCEQ as well as preparation of multiple water system hydraulic models. He has experience with groundwater development, advanced water treatment technology, waterline design and construction, and water storage design. Mr. Van Diest assisted with the design of a reverse osmosis water treatment plant for Loop Water Supply Corporation to facilitate the removal of arsenic and fluoride from the existing groundwater supply prior to water entering the distribution system.

### **Relevant Project Expertise**

2018 - Sun WSC - Water System Improvements

2018 - Holiday Beach WSC - Hurricane Harvey Water System Repairs

- 2018 Morton Valley WSC Water System Improvements
- 2018 Brookesmith SUD In Line PS
- 2018 Ira WSC Elevated Storage And Water System Improvements
- 2018 City of Gorman Water System Improvements
- 2018 City of Gorman Staff Water Line & Pump Facility
- 2017 City of Coleman Planning Grant
- 2017 Loop WSC RO Water Treatment Plant

# Barry Fowlkes, P.E.

Professional Engineer - Materials Testing Services



### Education

B.S.in Civil Engineering Texas A&M University, 1983

### Registrations

Registered Professional Engineer, Texas, P.E. No. 98759

NICET Civil Engineering Technology,

C.T. Certificate No. 509

NICET Level IV Certified Engineering Technician, S.E.T. Concrete, Soils & Asphalt Certificate No. 68488

### Expertise

- Construction Materials Engineering & Testing
- Geotechnical Engineering Services
- Investigation of Construction
  Design
- Foundation Investigations
- Pavement Design and Analysis
- Concrete and Asphalt Pavement Mix Design

## Summary

Barry Fowlkes graduated from Texas A & M University in 1983 with a Bachelor of Science in Civil Engineering Technology. Mr. Fowlkes has 36 years of experience in materials testing and geotechnical engineering services. Mr. Fowlkes served 21 years with Trinity Engineering Corporation / Kleinfelder as an Area Manager. He was responsible for providing materials and geotechnical engineering services throughout Abilene, San Angelo, Brownwood and Wichita Falls area. Mr. Fowlkes joined JACOB | MARTIN in 2006 as Manager of JACOB | MARTIN's Geotechnical and Material Testing Division.

### **Project Specific Expertise**

Mr. Fowlkes has directly supervised many government and private sector construction projects throughout Texas. He has provided interpretation and analysis for material investigations in which he issues reports stating whether the work and material met the specific project specifications. Mr. Fowlkes has developed and designed construction material engineering and testing programs for many projects.

### **Relevant Project Expertise**

2019 - City of Abilene - Water and Sewer Construction Projects

2019 - City of Big Spring - Water Line Replacements

2019 - City of Coleman - USDA Water Treatment Improvements

2018 - Morton Valley WSC – Water System Improvements 2018 - City of Seymour - Water Treatment Plant Improvements

2017 - City of Baird - New Wastewater Treatment Plant

2017 - Cooper Tire and Vehicle Testing Center – Process Water Treatment Facility, Pearsall, Texas

2017 - City of Early - New WWTP

2017 - City of Baird - WWTP Improvements

- 2017 City of Munday NCTMWA Water Treatment Plant
- 2016 City of Snyder Water and Sewer Improvements

# **Charles Keith**

Senior Engineering Technician - Environmental Services



### Education

B.S.in Microbiology Texas Tech University, 1978

### Registrations

Registered Sanitarian, Texas, No. 1799

### Expertise

- Groundwater Development
- Operational Assistance
- Permitting
- Regulatory Assistance
- Water Distribution
- Water Storage
- Water Supply Studies
- Water Treatment

### Summary

Charles Keith received his Bachelor of Science Degree in Microbiology from Texas Tech University in 1978. Mr. Keith retired from the Texas Commission on Environmental Quality (TCEQ) in 2006 where he served as the Region 3, Abilene Water Section Director. Mr. Keith joined JACOB | MARTIN in 2006 where he currently serves as the Director of Environmental Services. Mr. Keith has used his extensive knowledge of water and wastewater operations along with his notable expertise with TCEQ regulations and procedures to manage the environmental, operational and regulatory facets of numerous successful projects throughout West Central Texas.

### **Project Specific Expertise**

During his tenure at TCEQ, Mr. Keith inspected and assisted public water systems, wastewater treatment facilities, septic systems, municipal solid waste, storm water and surface water quality monitoring of natural waterways. Since joining JACOB | MARTIN, Mr. Keith has lead our environmental team to assist clients in regulatory compliance for all matters relating to water and waste water systems.

### **Relevant Project Expertise**

2019 - City of Colorado City - WWTP Facility Major upgrade

- 2018 City of Gordon Water System Improvements
- 2018 City of Coleman Water Treatment Plant

2018 - City of Ranger - Wastewater Treatment Plant Improvements

2016 - City of Seymour - Donnell Well Exception

2016 - City of Cross Plains - Water Distribution & Pump Station Improvements

2016 - City of Bronte - Water Supply Improvements

2016 - City of Bronte - Texas Tech Water Wells

2016 - Baylor WSC - DWSRF Bufkin Well Field Development

- 2015 City of Munday Disaster Relief Wells
- 2015 City of Haskell Disaster Relief Wells



# **David Hudson**

Environmental Coordinator – Environmental Services



### **Education**

B.S. in Geography Texas State University, 1988

### Certifications

Certified OSHA Instructor 40 Hour Hazwoper 24 Hour Hazwoper Instructor CLEAR Certified Investigator Environmental Site Assessment Ground Penetrating Radar

### Expertise

- RCRA permitting, STEERS & manifests
- EPCRA Tier II reporting
- TPDES/NPDES permitting
- NEPA Environmental Assessments & Categorical Exclusions
- SPCC plans and training
- MSW Permits
- MIHWI compliance for incinerators
- Oil spill clean up
- Air permits including Title V

### Summary

David is a graduate of Texas State University earning a B.S. in Geography with a concentration in Resource & Environmental Studies and a Chemistry minor. With Jacob & Martin Mr. Hudson provides wastewater permitting, adjudicated water rights amendments, NEPA environmental assessments, Phase 1 environmental assessments, industrial waste analysis and landfill compliance. Prior to joining Jacob & Martin, he owned various small businesses, was a solid waste and regional coordinator for a Council of Governments (COG), served as a county representative on solid waste to a COG, was an Environmental Health & Safety manager for Fortune 500, Fortune 100 and wind energy companies. Mr. Hudson has over 15 years of technical and professional State of Texas service with the TCEQ, DSHS and RRC.

### **Project Specific Expertise**

Mr. Hudson has worked in municipal solid waste as a COG Solid Waste program manager and region contact for all state and federal environmental legislation including Subtitle D implementation for landfills regulated under Chapter 330. Coordinated the MSW Regional Committee with oversight of compliance with regional management plan and solid waste grants. Work with local governments to close pre-Subtitle D landfills and upgrade continuing landfills in accordance with the 20 year regional plan. With TCEQ, provided subject matter expertise for local governments to comply with Chapter 330 rules, oversaw the MSW outreach to local governments, supported the Ombudsman in enforcement cases and provided rule comments to the agency.

### **Relevant Project Expertise**

- 2019 City of Munday Wastewater Permit
- 2019 City of Coleman Wastewater Permit
- 2019 Millersview-Doole WSC Environmental Report USDA
- 2019 City of Willow Park Environmental Assessment TWDB
- 2019 City of Millsap Environmental Assessment USDA
- 2018 RRC Response Double Mtn. Fork of the Brazos River oil spill
- 2008 -TCEQ Response Burkburnett Raw Wastewater Spill to Red River
- 2005 Hurricane Katrina EPA Immediate Response Team
- TCEQ Liquid Waste Capacity Analysis

Geotechnical analysis Lone Mountain Coal Mine slurry spill Superfund site

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# Lee Rosenbaum, R.P.L.S.

Registered Professional Land Surveyor - Surveying Services



Education

B.S.in Geography Texas A&M University, 2005

### Registrations

Registered Professional Land Surveyor, Texas, R.P.L.S. No. 6394

### Expertise

- ALTA Survey
- Boundary Survey
- Detention & Retention Facilities
- Construction Staking
- Easement Acquisition
- Elevation Studies
- Groundwater Development
- Master Planning
- Regulatory Assistance
- Topographic SurveyCommercial Site
- Commercial Site
  Development
- Utility Infrastructure

### Summary

Lee Rosenbaum has been licensed by the State of Texas as a Registered Professional Land Surveyor since December 2012. Mr. Rosenbaum joined JACOB|MARTIN in April of 2005. Since March of 2019, he has been our Chief Land Surveyor and Survey Department Supervisor. Mr. Rosenbaum oversees all survey operations which include land acquisition, platting, preliminary topographic mapping, and construction layout.

### **Project Specific Expertise**

During his career at JACOB | MARTIN, Mr. Rosenbaum has served as a Survey Project Manager on multiple land development and building services projects. Additionally, Mr. Rosenbaum has worked with numerous municipalities, school districts, water supply corporations, water districts, and wastewater entities.

### **Relevant Project Expertise**

2019 - City of Big Spring - 2018/19 Water Line Replacements - Big Spring

2018 - City of Lueders - TWDB - DWSRF AMR Metering System and Water System Improvements

2017 - Zephyr WSC - Waterline Improvements

- 2017 City of Baird New Wastewater Treatment Plant
- 2016 Town of Buffalo Gap Water Line Improvements

2016 - Town of Buffalo Gap - Buffalo Gap First Time Sewer Project

2016 - City of Early - New Wastewater Treatment Plant

2015 - Bitter Creek WSC - RWAF Well Water Supply

2014 - City of Snyder - Water & Sewer Improvements

2014 - City of Ranger - TXDOT I-20 Rest Stop Water and Sewer Improvements

# Ronny Koehn

**Resident Project Representative - Inspection Services** 



### Expertise

- Construction
  Material Testing
- Construction Staking Easement Acquisition
- Geotechnical Engineering Services
- Investigation of Construction Design
- Permitting
- Project Inspection
- Water & Sewer
  Lines
- Water &
  Wastewater
  Treatment
- Building Services

### Summary

Ronny Koehn joined JACOB | MARTIN in 2008 as a Resident Project Representative. During his tenure with JACOB | MARTIN, Mr. Koehn has provided project inspection on numerous projects involving water and wastewater improvements, street and roadway projects and airport improvement projects. Mr. Koehn has over sixteen years experience in construction management and project inspection. Mr. Koehn recently served as the Resident Project Representative for improvements to Abilene Regional Airport. His efforts were vital to a successful project and paramount to the implementation of the specifications as called out by architects and engineers.

### **Project Specific Expertise**

Mr. Koehn's resume is full of relevant project experience in street and roadway construction and rehabilitation projects. Mr. Koehn has extensive experience with airport project including all type of pavement construction. Mr. Koehn's experience includes Abilene Regional Airport, Decatur Airport, and Kickapoo Airpark located in Wichita Falls, Texas.

### **Relevant Project Expertise**

2019 – Western Texas College – Agricultural Expansion & Renovation

2019 - Motis Investments - 202 Pine Street Renovations

2019 – JAR Land & Investments, LLC - 250 Cypress Renovations

2019 – Hardin Simmons University – New Houston Lantrip Facility

2018 - Cross Plains ISD - New Elementary Gym/Storm Shelter

2018 - Abilene Youth Sports Association - New Sports Complex

2018 - Garver LLC - Abilene Regional Airport Seal Coat Project

2018 – City of Willow Park – Ranch House Road Improvements 2016 - Garver LLC - Abilene Reginal Airport - Runway 17R-35L

Rehabilitation

2015 - Garver LLC - Abilene Regional Airport - Runway 17-L and 35R Rehabilitation



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# Section 4: History of Successful Performance



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3465 Curry Lane Abilene, TX 79606 325 695 1070 1508 Santa Fe, Suite 203 Weatherford, TX 76086 817.594.9880

4920 S. Loop 289, Suite 104 Lubbock, TX: 79414 806.368.6375

TBPE Firm #: 2448 | TBPELS Fir

8 | TBPELS Firm #10194493 - At

- Abilene | TBPELS Firm #: 101

TBAE Firm #: BR 2261



# **Project Schedule History**

Client	Project Description	Year of Completion	Schedule History
City of Keene	County Road 316 Paving Improvements - TDA	2021	Design Schedule Met Construction Schedule Met
City of Keene	4 <sup>th</sup> Street & College Dr. Sewer Line Replacement	2020	Design Schedule Met Construction Schedule Met
Abilene Youth Sports Authority	Dodge Jones Youth Sports Center	2020	Design Schedule Met Construction Schedule Met
City of Melvin	Radium Removal Water Treatment Plant	2019	Design Schedule Met Construction Schedule Met
Hardin-Simmons University	Houston Lantrip Facility	2019	Design Schedule Met Construction Schedule Met
City of Abilene	Buffalo Gap Elevated Tank Rehabilitation	2019	Design Schedule Met Construction Schedule Met
City of Early	Wastewater Treatment Plant	2018	Design Schedule Met Construction Schedule Met
City of Baird	Wastewater Treatment Plant	2018	Design Schedule Met Construction Schedule Met
Parker County SUD	Greenwood Pump Station Expansion	2018	Design Schedule Exceeded Construction Schedule Exceeded
City of Abilene	Elmdale Pump Station and Ground Storage Tank	2018	Design Schedule Met Construction Schedule Met
City of Goldthwaite	2018 - TDA - DRP - Sidewalk Improvements	2018	Design Schedule Met Construction Schedule Met
North Central Texas Municipal Water Authority	Membrane Water Treatment Plant	2017	Design Schedule Met Construction Schedule Met
City of Willow Park	Capital Improvement Plan	2017	Design Schedule Met Construction Schedule Met
City of Abilene	2 <sup>nd</sup> Pressure Plane Water Lines	2017	Design Schedule Met Construction Schedule Met
City of Strawn	Master Plan	2017	Design Schedule Met Construction Schedule Met
City of Rhome	Capital Improvement Plan	2016	Design Schedule Met Construction Schedule Met
City of Andrews	Water Treatment Plant	2015	Design Schedule Met Construction Schedule Met
City of Abilene	Maple Street Pump Station Improvements	2015	Design Schedule Met Construction Schedule Met
City of Early	Salt Creek Pump Station	2015	Design Schedule Met Construction Schedule Met
City of Comanche	Water System Improvements	2015	Design Schedule Met Construction Schedule Met
Abilene Independent School District	Campus Paving and Circulation Improvements	2015	Design Schedule Met Construction Schedule Met

# **Project Budget History**

Client	Project Description	Year of Completion	Budget	Final Project Cost
City of Keene	County Road 316 Paving Improvements – TDA Texas Capital Fund	2021	\$1,075,000	\$946,896.50
City of Keene	4 <sup>th</sup> Street & College Dr. Sewer Line Replacement	2020	\$160,00	\$134,824
City of Wolfe City	Water System Interconnection Improvements – <b>TDA CDBG</b>	2020	\$222,250	\$183,950
Abilene Youth Sports Authority	Dodge Jones Youth Sports Center	2020	\$10,100,000	\$10,003,085
City of Keene	Well #6 Tank Rehab	2019	\$80,000	\$81,710
City of Azle	Oak Harbor Drainage Channel	2019	\$175,000	\$172.000
City of Willow Park	Well Supply	2019	\$500,000	\$450,000
City of Mingus	Water System Improvements – TDA CDBG	2020	\$550,000	\$550,000
City of Gordon	Water Treatment Plant Improvements – TDA CDBG	2019	\$550,000	\$550,000
City of Azle	Bailey Drive Improvements – TDA CDBG	2019	\$170,000	\$208,000
Hardin-Simmons University	Houston Lantrip Facility	2019	\$4,100,000	\$4,488,395
City of Abilene	Buffalo Gap Elevated Tank Rehabilitation	2019	\$950,000	\$768,500
City of Graford	Sewer Systems Improvements – TDA CDBG	2018	\$212,250	\$212,672
City of Wolfe City	Wastewater Treatment Plant Improvements – TDA CDBG	2018	\$212,750	\$230,222
City of Early	arly Wastewater Treatment Plant		\$4,900,000	\$3,800,000
City of Baird	y of Baird Wastewater Treatment Plant		\$2,890,000	\$2,860,000
City of Goldthwaite	2018 - TDA - DRP - Sidewalk Improvements	2018	\$200,000	\$176,770
North Central Texas Municipal Water Authority	Membrane Water Treatment Plant	2017	\$5,650,000	\$3,815,000
City of Abilene	2 <sup>nd</sup> Pressure Plane Water Lines	2017	\$2,000,000	\$1,701,000
City of Strawn	Drainage Improvements	2017	\$150,000	\$150,000
City of Mingus	Paving Improvements	2016	\$75,000	\$75,000
City of Gordon	Paving Improvements	2016	\$75,000	\$75,000
City of Andrews	Water Treatment Plant	2015	\$6,061,130	\$6,212,650
City of Abilene	Maple Street Pump Station Improvements	2015	\$929,000	\$869,686
City of Early Salt Creek Pump Station		2015	\$2,378,400	\$2,460,169
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# Water Supply/Distribution System Experience

## 2<sup>nd</sup> PRESSURE PLANE WATER LINES | CITY OF ABILENE

Location: Date of Completion: **Original Budget:** Construction Cost:

Abilene, Texas 2017 \$2,000,000 \$1,701,000

### JM Project Team:

**Project Format:** Firm's Role: **Project Manager: Design Engineer:** Kirt Harle, P.E.

Design/Bid/Build Design Kirt Harle, P.E.



Project Description: Engineering design and construction administration for the Installation of approximately 19,000 linear feet of 6" - 18" PVC water lines including all valves, fittings, water line connections, bore and encasement, pavement repair

**REFERENCE: City of Abilene Rodney Taylor, Director** of Water Utilities (940) 422-4051

## INDUSTRIAL BLVD WATER LINE REPLACEMENT ABILENE

CITY OF

Location: Date of Completion: **Construction Cost:** 

Abilene, Texas 2017 \$835,000

### JM Project Team:

**Project Format:** Firm's Role: **Project Manager: Project Manager:**  Design/Bid/Build Design

Kirt Harle, P.E.

Cory Higgins, P.E.

Project Description: Engineering design and construction administration for the Installation of approximately 4,500 linear feet of 12" water line, valves, fittings, water line connections, service re-connections, bore & encasement, and incidentals

**REFERENCE: City of Abilene** Rodney Taylor, Director of Water Utilities (940) 422-4051

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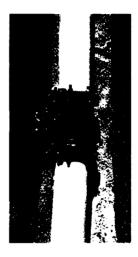
## AMBLER WATER LINE REPLACEMENT | CITY OF ABILENE

Location:AbilDate of Completion:201Budget Cost:\$2,2Construction Cost:\$1,9

Abilene, Texas 2017 \$2,200,000 \$1,900,000

### JM Project Team:

Project Format:	Design/Bid/Build
Firm's Role:	Design
Project Manager:	Ken Martin, P.E.
Project Manager:	Ken Martin, P.E.



**Project Description**: Engineering design and construction administration for the Installation of approximately 20,360 linear feet of 12" Thru 1" water line, valves, fittings, water line connections, service re-connections, bore & encasement, and incidentals

REFERENCE: City of Abilene Rodney Taylor, Director of Water Utilities (940) 422-4051

## SAN SABA RAW WATER SUPPLY | CITY OF GOLDTHWAITE

Location: Date of Completion: Budget Cost: Construction Cost: Goldthwaite, Texas 2015 \$1,836,000 \$1,874,000

#### JM Project Team:

Project Format: Firm's Role: Project Manager: Project Manager: Design/Bid/Build Design Kirt Harle, P.E. Brice Campbell, P.E.



**Project Description**: Engineering design and construction administration for the Installation of an intake structure on Mill Creek and approximately 70,000 LF of 10" raw water supply line. JM also assisted with an amendment to the San Saba water rights for withdraw of water from Mill Creek at an alternative take point.

REFERENCE: City of Goldthwaite Rob Lindsey, City Manager (325) 648-3186

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# BCWID TREATED WATER SUPPLY LINE | CITY OF EARLY AND ZEPHYR WSC

Location: Date of Completion: Construction Cost: Early, Texas 2014 \$4,300,000

### JM Project Team:

Project Format:DesFirm's Role:DesProject Manager:KirtDesign Engineer:Kirt

Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.



**Project Description**: Engineering design and construction administration for the Installation of approximately 40,000 LF of 24" treated water supply line.

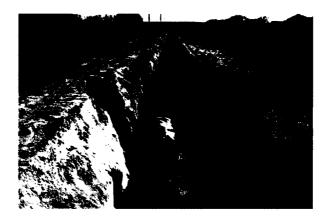
**REFERENCE:** City of Early Tony Aaron, City Manager (325) 643-5451

## HORDS CREEK | CITY OF COLEMAN

Location: Date of Completion: Budget Cost: Construction Cost: Coleman, Texas 2011 \$2,400,000 \$1,652,000

#### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Ken Martin, P.E. Ken Martin, P.E.



**Project Description**: Engineering design and construction administration for the Installation of a new raw water pump station and head tank located at Hords Creek Lake, approximately 44,000 LF of 16" raw water supply line and approximately 40,000 linear feet of water distribution lines.

REFERENCE: City of Coleman Diana Lopez, City Manager (325) 625-5114



# Water, Sewer, and Drainage Projects

Year Completed	Client	Project Details
2019	City of Comanche	Water System Improvements
2019	City of Azle	Ash Avenue Sewer Replacement
2019	City of Dublin	Sewer System Improvements
2019	City of Abilene	Sanitary Sewer Overflow Initiative (SSOI) Sewer Line & Manhole Rehabilitation (CIPP & Pipe burst)
2018	Holiday Beach WSC	TWDB Hurricane Harvey Water System Repairs
2018	City of Springtown	Stormwater Drainage Improvements
2018	City of Azle	Wilshire Ave Drainage Improvements
2018	City of Willow Park	Weatherford Water Supply Line
2018	City of Keene	Water Model System
2018	City of Willow Park	Water System Improvements
2018	City of Comanche	Wastewater System Improvements
2017	City of Dublin	Sewer Line Replacements
2017	City of Willow Park	Chuck Wagon Trail IH20 Drainage
2017	City of Willow Park	Street Rehabilitation and Improvements
2017	City of Dublin	Water System Improvements
2016	City of Azle	Ash Avenue East Drainage Improvements
2016	City of Rhome	West Side WWTP & Collection System Improvements
2016	Brookesmith SUD	Shamrock Shores Water Line Replacements
2016	City of Azle	FM730 Water Line – Azle
2016	City of Dublin	Wastewater Collection System Improvements
2015	City of Azle	Golfer's Way Culvert Rehabilitation
2015	City of Abilene	CIP Waterline Project
2012	City of Gordon	New Sewer System

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# **Sewer System Experience**

## SEWER SYSTEM IMPROVEMENTS | CITY OF GOREE

Location: Date of Completion: Construction Cost: Goree, Texas 2020 \$200,000

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design/Construction Admin. Cory Higgins, P.E. Cory Higgins, P.E.



**Project Description**: Engineering design and construction administration for the Installation of approximately 2,500 linear feet of 8" and 6" PVC sewer lines including all manholes, bore and encasement, pavement repair, and incidentals.

REFERENCE: City of Goree Crystal Graham City Secretary (940) 422-5306

## SANITARY SEWER OVERFLOW INITIATIVE - SEWER MAIN AND MANHOLE REHABILITATION | CITY OF ABILENE

Location: Date of Completion: Construction Cost: Abilene, Texas 2019 \$960,000

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer Design/Bid/Build Design/ Construction Admin. Kirt Harle, P.E. Kirt Harle, P.E.



**Project Description**: Engineering design and construction administration for the rehabilitation of approximately 7,500 linear feet of 6", 10", 18", and 21" sewer lines by CIPP and pipe bursting and rehabilitation of 40 manholes.

REFERENCE: City of Abilene Rodney Taylor, Director of Water Utilities (325) 676-6452

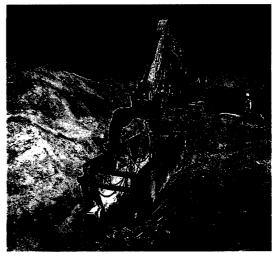
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## 30 - INCH SEWER LINE REPLACEMENT | CITY OF BIG SPRING

Location: Date of Completion: Construction Cost: Big Spring, Texas 2019 \$300,000

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design/Construction Admin. Kirt Harle, P.E. Kirt Harle, P.E.



**Project Description**: Engineering design and construction administration for the replacement of approximately 1,500 linear feet of 30 "sewer line and manholes.

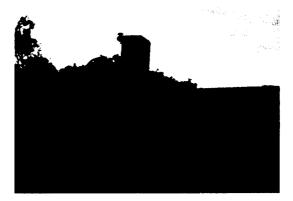
REFERENCE: City of Big Spring John Medina, Assistant City Manager (432) 264-2345

## **COLLECTION SYSTEM IMPROVEMENTS | CITY OF SNYDER**

Location: Date of Completion: Construction Cost: Snyder, Texas 2015 \$750,000

#### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design/Construction Admin. Cory Higgins, P.E. Cory Higgins, P.E.



**Project Description**: Engineering design and construction administration for the rehabilitation of approximately 13,600 linear feet of 6", 8", 10", 12", and 24" PVC sewer lines, manholes, bore & encasement, and incidentals.

REFERENCE: City of Snyder Eli Torres, Director of Public Works (325) 575-3110

# Water Storage Projects

Year	Client	Project Description		Tank Type	Materials
2019	City of Abilene	Buffalo Gap Elevated Storage Tank Rehabilitation	1.0 MG	Multi-Leg Elevated	Welded Steel
2019	City of Melvin	Elevated Storage Tank Recoat	0.05 MG	Multi-Leg Elevated	Welded Steel
2019	Steamboat Mountain WSC	Cedar Gap Elevated Storage Tank	0.2 MG	Spheroid Elevated	Welded Steel
2019	Steamboat Mountain WSC	Cedar Gap Ground Storage Tank	0.2 MG	Ground	Welded Steel
2019	City of Gustine	Ground Storage Tank	0.03 MG	Ground	Welded Steel
2019	Ira WSC	Elevated Storage Tank	0.1 MG	Multi-Leg Elevated	Welded Steel
2019	Morton Valley WSC	Ground Storage Tank	0.1 MG	Ground	Welded Steel
2019	City of Coleman	Elevated Storage Tank Recoat	0.5 MG	Multi-Leg Elevated	Welded Steel
2019	City of Electra	Elevated Storage Tank Recoat	0.25 MG	Multi-Leg Elevated	Welded Steel
2018	City of Abilene	Grimes WTP Clearwell Rehabilitation	5.0 MG	Ground	Welded Steel
2017	City of Abilene	Elmdale Pump Station Ground Storage Tank	0.5 MG	Ground	Welded Steel
2017	Bluegrove WSC	Tank Rehab and Meter Replacement	.01 MG	Ground	Welded Steel
2017	City of Abilene	Highland Elevated Storage Tank Rehabilitation	1.5 MG	Multi-Leg Elevated	Welded Steel
2017	City of Abilene	5 Points Business Park Elevated Storage Tank Rehabilitation	0.2 MG	Spheroid Elevated	Welded Steel
2017	City of Early	Elevated Storage Tank Recoat	0.5 MG	Multi-Leg Elevated	Welded Steel
2016	City of Jayton	Ground Storage Tank	0.1 MG	Ground	Welded Steel
2015	City of Abilene	5 Points Business Park Ground Storage Tank Rehabilitation	5.5 MG	Ground	Welded Steel
2015	City of Snyder	North Elevated Storage Tank	0.15 MG	Multi-Leg Elevated	Welded Steel
2015	City of Snyder	Maverick Mest Elevated Storage Tank	0.2 MG	Multi-Leg Elevated	Welded Steel
2015	Millersview-Doole WSC	VSC Holik Road Elevated Storage Tank		Spheroid Elevated	Welded Steel
2015	City of Robert Lee	Ground Storage Tank Recoat	0.25 MG	Ground	Welded Steel
2015	Tuscola Taylor County WCID #1	Elevated Storage Tank Recoat	0.075 MG	Multi-Leg Elevated	Welded Steel
2014	Zephyr WSC	Hwy 183 Standpipe	0.115 MG	Standpipe	Welded Steel
2014	Zephyr WSC	FM 1467 Pump Station - Ground Storage Tank	0.045 MG	Ground	Welded Steel
2014	Millersview-Doole WSC	FM 1929 Ground Storage Tank	0.5 MG	Ground	Bolted Steel

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# **Pump Station & Tank Experience**

## **ELMDALE PUMP STATION | CITY OF ABILENE**

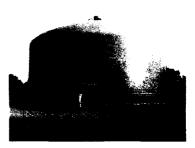
Location: Date of Completion: Original Budget: Construction Cost:

Abilene, Texas 2018 \$1,520,000 \$1,648,600

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.





**REFERENCE:** 

**Project Description**: Engineering design and construction administration for the installation of 9 MGD pump station and 500,000-gallon welded steel ground storage tank.

City of Abilene Rodney Taylor, Director of Water Utilities (325) 676-6452

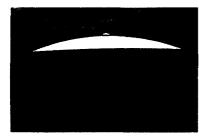
## SALT CREEK PUMP STATION | CITY OF EARLY / ZEPHYR WSC

Location: Date of Completion: Original Budget: Construction Cost: Early, Texas 2014 \$2,200,000 \$2,378,400

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.





Project Description: Engineering design and construction administration for the Installation of 8 MGD pump station and 2.0 MG wire-wound, pre-stressed concrete ground storage tank. REFERENCE: City of Early Tony Aaron, City Manager (325) 643-5451

Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

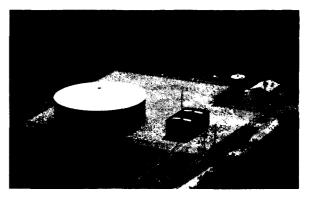
## BROOKESMITH PUMP STATION | COLEMAN COUNTY SUD

Location: Date of Completion: Construction Cost: Santa Anna, Texas 2009 \$1,560,000

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer:

Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.



**Project Description**: Engineering design and construction administration for the Installation of a 2 MGD pump station and 1.0 MG wire-wound, pre-stressed concrete ground storage tank.

REFERENCE: Coleman County SUD Travis Rhoads, General Manager (325) 625-2133

## FIVE POINTS BUSINESS PARK GROUND STORAGE TANK REHABILITATION | CITY OF ABILENE

Location: Date of Completion: Construction Cost: Abilene, Texas 2015 \$2,182,900

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.



**Project Description**: Engineering design and construction administration for the re-construction of the roof and recoating of the interior and exterior of a 7.5 MG welded steel ground storage tank.

REFERENCE: City of Abilene Rodney Taylor, Director of Water Utilities (325) 676-6452

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## BUFFALO GAP ELEVATED TANK REHABILITATION | CITY OF ABILENE

Location: Date of Completion: Original Budget: Construction Cost: Abilene, Texas 2019 \$950,000 \$768,500

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.



REFERENCE: City of Abilene Rodney Taylor, Director of Water Utilities (325) 676-6452

**Project Description**: Engineering design and construction administration for the rehabilitation of a 1.0 MG welded steel multi-legged elevated storage tank including structural repairs and recoating of interior and exterior of tank.

## NEW ELEVATED TANK | MILLERSVIEW-DOOLE WSC

**Project Description**: Engineering design and construction administration for the installation of a new 0.5 MG elevated storage tank and incidentals

Owner: Millersview-Doole Water Supply Corporation Design Start Date: February 2008 Design CD's Completion Date: May 2008 Construction Start Date: June 2008 Construction Completion Date: February 2009 Project Completed: On Schedule

## **NEW GROUND STORAGE & ELEVATED TANK** BROOKESMITH SUD

**Project Description**: Engineering design and construction administration for the installation of a new 2.0 MG welded steel ground storage tank, a 0.5 MG elevated storage tank, and incidentals

Owner: Brookesmith SUD Design Start Date: February 2000 Design CD's Completion Date: March 2001 Construction Start Date: April 2001 Construction Completion Date: September 2001 Project Completed: On Schedule





Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

# **Street Experience - Transportation**

Each of the following projects included the following services provided by JACOB | MARTIN personnel: all topographic and any boundary survey required, determination of all boundary necessary for roadway right of way, all visible and located utilities, and encroachments. In some instances, right of way acquisitions and preparation of required platting was provided. JACOB | MARTIN prepared all construction plans with dimensional control layouts, paving plan and profiles, drainage plans, erosion control plans, and associated construction details. During the bidding and construction phases of these projects, JACOB | MARTIN provided construction administration and on-site inspection for construction completeness, verification of all pay requests, construction cost estimates, bidding of prepared construction plans, pre-construction and construction meetings, review of all shop drawings and all associated coordination. Additionally, materials testing services were provided by JACOB | MARTIN for all construction elements, including but not limited to subgrade preparation, road base installation and asphaltic hot-mix and/or concrete placement.

# **PATRIOT AVENUE** | CITY OF WEATHERFORD

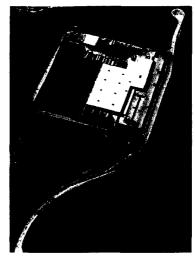
Client:	Keg 1 North Texas
Location:	Weatherford, Texas
Date of Completion:	2014
Original Budget:	\$350,000
Construction Cost:	\$350,000

### Jacob & Martin Project Team:

Project Manager: Derek Turner, P.E. Design Engineer: Derek Turner, P.E. Survey Team Lead: Mark Brown, R.P.L.S.

### **City of Weatherford**

Bill Smith | City Engineer 817.598.4033 | wsmith@weatherfordtx.gov



# STREET REHABILITATION | CITY OF WILLOW PARK

Client:	City of Willow Park
Location:	Willow Park, Texas
Date of Completion:	2015
Original Budget:	\$500,000
Construction Cost:	\$465,000

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### Jacob & Martin Project Team:

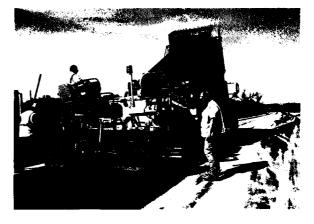
Project Manager: **Design Engineer:** 

Derek Turner, P.E.

Derek Turner, P.E.

### **City of Willow Park**

Bryan Grimes | City Administrator 817.441.7108 | bgrimes@willowpark.org



Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

## STREET RECONSTRUCTION | CITY OF WILLOW PARK



Client: Location: Date of Completion: Original Budget: Construction Cost: City of Willow Park Willow Park, Texas 2018 \$3,350,000 \$2,685,474

### Jacob & Martin Project Team:

Project Manager: Design Engineer: Survey Team Lead: Materials Testing: Derek Turner, P.E. Derek Turner, P.E. Mark Brown, R.P.L.S. Barry Fowlkes, P.E

### **City of Willow Park**

Bryan Grimes | City Administrator 817.441.7108 | bgrimes@willowpark.org

## RANCH HOUSE RD REHABILITATION | CITY OF WILLOW PARK

Client: Location: Date of Completion: Original Budget: Construction Cost: City of Willow Park Willow Park, Texas 2019 \$1,500,000 \$1,203,607

### Jacob & Martin Project Team:

Project Manager: Design Engineer: Survey Team Lead: Materials Testing: Derek Turner, P.E. Derek Turner, P.E. Mark Brown, R.P.L.S. Barry Fowlkes, P.E

### **City of Willow Park**

Bryan Grimes | City Administrator 817.441.7108| bgrimes@willowpark.org

## SHADY OAKS PAVING IMPROVEMENTS | CITY OF KEENE

Client: Location: Date of Completion: Original Budget: Construction Cost: City of Keene Keene, Texas 2017 \$500,000 \$444,731

### Jacob & Martin Project Team:

Project Manager: Design Engineer: Survey Team Lead: Materials Testing: Derek Turner, P.E. Tom Marquardt, P.E. Mark Brown, R.P.L.S. Barry Fowlkes, P.E.

### **City of Keene**

Brian LaBorde | City Administrator 512.365.3677 | brian.laborde@taylortx.gov





Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

## SOUTH DOWNTOWN PAVING IMPROVEMENTS - PHASE 1 | CITY OF ABILENE

Location: Date of Completion: Original Budget: Construction Cost: Abilene, Texas Ongoing \$1,200,000 \$800,237

### Jacob & Martin Project Team:

Project Manager: Design Engineer: Survey Team Lead: Materials Testing: Tal Fillingim, P.E., C.F.M Roy Wright, P.E. Mark Brown, R.P.L.S. Barry Fowlkes, P.E



City of Abilene Robert Hanna | City Manager 325.676.6206 | robert.hanna@abilenetx.gov

## PAVING & CIRCULATION IMPROVEMENTS | ABILENE ISD



Abilene Independent School District Scott McLean | Associate Superintendent 325.677.1444 | scott.mclean@abileneisd.org

Location:	Abilene, Texas
Date of Completion:	2015
Original Budget:	\$1,520,503
Construction Cost:	\$1,408,628

### Jacob & Martin Project Team:

Project Manager:	Tal Fillingim, P.E., C.F.M
Design Engineer:	Roy Wright, P.E.
Design Engineer:	Blake Howard, P.E.
Survey Team Lead:	Mark Brown, R.P.L.S.
Materials Testing:	Barry Fowlkes, P.E

## **ENTERPRISE DRIVE EXTENSION** | DEVELOPMENT CORPORATION OF ABILENE

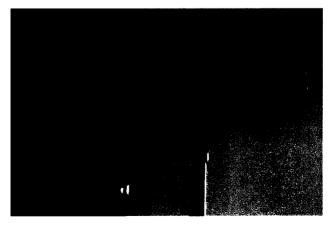
Location: Date of Completion: Original Budget: Construction Cost: Abilene, Texas 2015 \$225,000 \$256,017

### Jacob & Martin Project Team:

Project Manager: Design Engineer: Survey Team Lead: Materials Testing: Tal Fillingim, P.E., C.F.M. Blake Howard, P.E. Mark Brown, R.P.L.S. Barry Fowlkes, P.E

### **Development Corporation of Abilene** Kent Sharp | Executive Director

325.673.7349 | DCOA@abilenetx.gov



# **Texas Department of Agriculture Projects**

Funding Cycle	Program	Client	Project Description	Population
2020/2021	CDBG	City of Azle	Locust Street Channel Improvements	14,289
2019/2020	DRP	City of Mineral Wells	Downtown Renovation Project	15,447
2019/2020	DRP	City of Stephenville	Sidewalk and Paving Improvements	21,990
2019/2020	CDBG	City of Ropesville	Lift Station Improvements	434
2019/2020	CDBG	City of Moran	Sewer System Improvements	270
2019/2020	CDBG	City of Rotan	Water Supply Line	1,508
2019/2020	CDBG	City of Lorenzo	Lift Station Improvements	1,147
2019/2020	CDBG	City of Bronte	Water Line Improvements	995
2019/2020	CDBG	City of Cross Plains	Water Line Replacement	989
2019/2020	TCF	City of Keene	Paving Improvements	6,106
2019/2020	CDBG	City of Granite Shoals	Water Treatment Improvements	4,910
2019/2020	CDBG	City of Rising Star	AMR Water Meter System	829
2019/2020	CDBG	City of De Leon	Public Infrastructure Improvements	2,246
2019/2020	DRP	City of Mineral Wells	Sidewalk Improvements	15,447
2019/2020	CDBG	City of Mingus	Water Improvements	235
2019/2020	CDBG	City of Munday	AMR Water Meter System	1,273
2019/2020	CDBG	City of Dublin	Sewer System Improvements	3,654
2019/2020	CDBG	City of Azle	Channel Improvements	14,289
2019/2020	CDBG	City of Gordon	Water Improvements	478
2019/2020	DRP	City of Grandview	Downtown Revitalization	1,753
2019/2020	DRP	City of Post	Sidewalk Design	5,547
2017/2018	CDBG	City of Anson	Wastewater Treatment Plant Improvements	2,430
2017/2018	CDBG	City of Wellman	Water Distribution Improvements and Water Well Rehab	203
2017/2018	CDBG	City of Wolfe City	TDA Public Infrastructure Improvements Water System Interconnection	1,412
2017/2018	CDBG	Concho County	Millersview Doole SUD Water Well	4,276
2017/2018	CDBG	City of Azle	Bailey Street Improvements	14,289
2019/2020	CDBG	Haskell County	Paint Creek WSC – Water Line Improvements	5,813
2017/2018	CDBG	City of San Saba	Pump Station & Water Well Improvements	3,158
2017/2018	CDBG	City of Gustine	Pump Station Improvements	455
2017/2018	CDBG	North San Saba WSC	San Saba County Water Line Replacement	6,054
2017/2018	CDBG	McCulloch County	Wastewater Treatment Plant Improvements	7,987
2017/2018	CDBG	City of Electra	Elevated Storage Tank Improvements	2,791
2017/2018	DRP	City of Goldthwaite	Sidewalk Improvements	1,878
2017/2018	CDBG	City of Rule	Wastewater Treatment Plant Improvements	636
2017/2018	CDBG	City of Goldthwaite	Water Line Replacement	1,878
2017/2018	CDBG	City of Goree	Sewer Line Replacement	203
2017/2018	CDBG	City of Lawn	Water Line Replacement	315
2017/2018	CDBG	City of Melvin	Elevated Storage Tank Improvements	178
2015 / 2016	CDBG	City of Azle	Wilshire Avenue Drainage Improvements	13,258

# **Texas Water Development Board Projects**

Year	Program	Client	Project Description	Population
2021	DWSRF	City of Rotan	Water Supply Line Improvements	1,404
2021	DWSRF	Fort Griffin SUD	Raw Water Line Improvements	3,294
2021	CWSRF	City of Dublin	Wastewater System Improvements	3,554
2021	DWSRF	City of Carbon	Water System Improvements	348
2021	DWSRF	Palo Pinto WSC	Water System Improvements	495
2021	VSS	Coke County WSC	AMR Meters and Valve Replacements	400
2021	CWSRF	City of Ralls	Wastewater Treatment Plant	1,816
2021	DWSRF	City of Paint Rock	Water Distribution Improvements	223
2021	VSS	Comanche County WSC	New Pump Station	1,029
2020	DWSRF	Study Butte WSC	Water System Improvements	291
2020	DWSRF	City of Wellman	Reverse Osmosis Water Treatment Plant	190
2018	DWSRF	Barton WSC	Water System Improvements	891
2018	DWSRF	City of Ballinger	DWSRF Phantom PAD	3,774
2018	DWSRF	City of Bangs	Water System Improvements	1,603
2018	CWSRF	City of Colorado City	WWTP Improvements	4,146
2018	DWSRF	City of Gordon	Water System Improvements	478
2018	DWSRF	City of Gorman	Water System Improvements	1,083
2018	DWSRF	City of Lawn	AMR Metering System and Water System Improvements	353
2018	DWSRF	City of Lueders	AMR Metering System and Water System Improvements	346
2018	CWSRF	City of Ranger	Wastewater Treatment Plant Improvements	2,468
2018	DWSRF	City of Seymour	Reverse Osmosis Water Treatment Plant Improvements	2,740
2018	DWSRF	Holiday Beach WSC	Hurricane Harvey Water System Repairs	2,190
2017	DWSRF	City of Gorman	Water System Improvements	1,032
2017	DWSRF	City of Melvin	Radium Removal	177
2017	DWSRF	Morton Valley WSC	Waterline Replacement	350
2017	CWSRF	City of Willow Park	New Wastewater Treatment Plant	5,146
2017	CWSRF	City of Strawn	Groundwater Supply Line Improvements	649
2017	CWSRF	City of Willow Park	Water System Improvements	5,146
2017	DWSRF	Bluegrove WSC	Tank Rehab and Meter Replacement	75
2017	CWSRF	City of Comanche	Wastewater Treatment Plant Improvements	4,206
2017	DWSRF	City of San Saba	Water System Improvements	3,126
2017	DWSRF	City of Azle	Main Street Water Line Replacement	12,064
2017	DFUND	City of Early	Elevated Tank Recoat	2,991

# **Texas Water Development Board Projects**

Year	Program	Client	Project Description	Population
2017	TWDB	City of Ranger	Water Urgent Need	2,456
2017	DWSRF	City of Goldthwaite	Water & Sewer Extensions for Annexation	1,867
2017	RWAF	Zephyr WSC	Waterline Improvements	4,446
2016	CWSRF	City of Early	New Wastewater Treatment Plant	2,991
2016	DWSRF	City of Carbon	Water System Improvements	267
2015	VSS	City of O'Brien	Pump Station Rehabilitation	104
2015	RWAF	Bitter Creek WSC	Well Water Supply	2,841
2015	DWSRF	City of Willow Park	Phase I Water Distribution Improvements	4,971
2015	DWSRF	North Central TX MWA	Water Treatment Plant	9,398
2015	DWSRF	City of Goldthwaite	San Saba Raw Water Supply Line	1,858
2015	DFUND	City of Early	Salt Creek Pump Station	2,827
2014	RWAF	U&F WSC	Well Field Development	475
2014	DWSRF	City of Abilene	Tank Roof Repairs / Water Distribution Improvements	122,225
2013	DWSRF	Fort Griffin SUD	Elevated Tank	3,294
2013	DWSRF	Bitter Creek WSC	Water Well Supply	2,841
2012	DWSRF	City of Coleman	Hord's Creek Waterline and Pump Station	4,588
2012	ARRA	Fort Griffin SUD	Water System Improvements	3,294
2011	DWSRF	Millersview-Doole WSC	Water Distribution Improvements	3,819
2010	DWSRF	Fort Griffin SUD	Water System Improvements	3,294
2010	DWSRF	City of Comanche	Water System Improvements	4,332
2009	DFUND	City of Early	SCADA Improvements	2,791
2009	DWSRF	Millersview-Doole WSC	Elevated Tank Storage	3,819
2009	ARRA	Millersview-Doole WSC	Distribution Improvements	3,819
2008	DFUND	Brookesmith SUD	Water Distribution System Improvements	19,893
2008	DWSRF	Millersview-Doole WSC	Water Treatment Plant	3,819
2008	DWSRF	Brookesmith SUD	Elevated Storage Tank	19,893
2006	DWSRF	City of Hamlin	Treated Water Supply Line, Pump Station & Storage	2,124
2006	DWSRF	Millersview-Doole WSC	Water Supply Improvements	3,819
2004	DWSRF	City of Brady	Microfiltration & Reverse Osmosis Water Treatment Plant	5,425
2004	CWSRF	City of Early	Sewer Improvements	2,791
2001	DFUND	Brookesmith SUD	Water System Improvements	19,893
2001	DWSRF	City of Bronte	Water System Improvements	979



# **USDA Projects**

Year	TWDB Program	Client	Project Description
2019	USDA / RD	Fort Griffin SUD	Water Line Improvements
2018	USDA / RD	City of Coleman	Water Treatment Plant
2018	USDA / RD	City of Strawn	Groundwater Supply
2018	USDA / RD	City of Tye	Water Distribution Improvements
2018	USDA / RD	Coleman County SUD	Phase 8 Water System Improvements
2018	USDA / RD	Ira WSC	Elevated Storage And Water System Improvements
2018	USDA / RD	Morton Valley WSC	Water System Improvements
2018	USDA / RD	s.u.n. wsc	Water System Improvements
2016	USDA / RD	City of Baird	New Wastewater Treatment Plant
2016	USDA / RD	City of Dublin	Wastewater Improvements
2016	USDA / RD	Knox County Rural WSC	Water System Improvements
2016	USDA / RD	Millersview-Doole WSC	Water System Improvements
2016	USDA / RD	Millersview-Doole WSC	Water System Improvements
2016	USDA / RD	Town of Buffalo Gap	Water Line Improvements
2015	USDA / RD	City of Comanche	Water System Improvements
2015	USDA / RD	Stephens Regional SUD	Phase 2 Water System Improvements
2015	USDA / RD	Tom Green County FWD #2	Water System Improvements Phase II
2015	USDA / RD	Zephyr WSC	Water System Improvements
2014	USDA / RD	Parker County SUD	Water System Improvements
2014	USDA / RD	Study Butte WSC	Well #1 Rehabilitation
2014	USDA / RD	Tom Green County FWD #2	Water System Improvements Phase I
2013	USDA / RD	Brookesmith SUD	Water System Improvements
2012	USDA / RD	City of Anson	Westside Sewer System Improvements
2012	USDA / RD	City of Gordon	Wastewater Collection
2012	USDA / RD	North Runnels WSC	Water System Improvements
2012	USDA / RD	Parker County SUD	Water System Improvements
2011	USDA / RD	Fort Griffin SUD	Water System Improvements
2011	USDA / RD	North Runnels WSC	Storage Tank Construction
2010	USDA / RD	City of Anson	Wastewater Treatment Plant
2010	USDA / RD	City of Gordon	Sewer Collection System and WWTP Improvements
2010	USDA / RD	Coleman County SUD	Coleman County SUD Pump Station
2010	USDA / RD	Coleman County SUD	Water System Improvements
2008	USDA / RD	City of Electra	Ground Storage Tank and Pump Station
2007	USDA / RD	City of Electra	Treated Water Supply Improvement
2005	USDA / RD	City of Electra	Ground Storage Tank and Pump Station
2004	USDA / RD	Brookesmith SUD	Water Distribution System Improvements



# **Water Treatment Experience**

YEAR	CLIENT	PROJECT DESCRIPTION MUNICIPALITIES	WTP TYPE	POPULATION	
2019	City of Gordon	WTP Improvements	Microfiltration	467	
2019	City of Coleman	New WTP	Microfiltration	4,709	
2019	City of Melvin	New WTP (Radium Removal)	Ion Exchange	148	
2018	City of Seymour	WTP Improvements	Reverse Osmosis	2,740	
2017	City of Rochester	New WTP	<b>Reverse Osmosis</b>	324	
2014/ 2018	City of Snyder	WTP Improvements	Conventional	11,202	
2014	City of Andrews	New WTP (Arsenic / Fluoride Removal)	Activated Alumina	13,816	
2014	City of Rule	New WTP	Reverse Osmosis	636	
2011	City of Benjamin	New WTP	Reverse Osmosis	264	
2010	City of Abilene	WTP Improvements	Conventional	122,225	
2007	City of Goldthwaite	WTP Improvements	Microfiltration	1,878	
2004	City of Brady	New WTP	Microfiltration Reverse Osmosis	5,425	
1998	City of Anson	WTP Improvements	Conventional	2,430	
1988	City of Clyde	WTP Improvements	Conventional	3,867	
1985	City of Bronte	WTP Improvements	Conventional	980	
1985	City of Throckmorton	New WTP	Conventional	828	
	WATER DI				
2019	Rochelle WSC	New WTP (Radium Removal)	Ion Exchange	372	
2017	North Central Texas Municipal Water Authority	WTP Improvements	Microfiltration	9,398	
2016	Loop WSC	New WTP (Arsenic Removal)	Reverse Osmosis	300	
2016	Gaines County Water Co.	New WTP (Arsenic Removal)	Reverse Osmosis	8,917	
2014	Parker County SUD	New WTP	Microfiltration/ Reverse Osmosis	4,113	
2013	Stephens Regional SUD	New WTP	Microfiltration / Reverse Osmosis	3,173	
2013	Tom Green County FWD #2	WTP Improvements	Conventional	699	
2011	Millersview-Doole WSC	New WTP	Microfiltration / Reverse Osmosis	3,819	
2003	Study Butte WSC	New WTP	Reverse Osmosis	624	

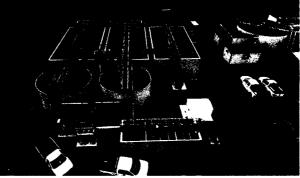
Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

# Water & Wastewater Treatment Experience PACKAGE WASTEWATER TREATMENT PLANT | CITY OF WILLOW PARK

Location: Date of Completion: Original Budget: Construction Cost:

M

Willow Park, TX 2018 \$2,259,284 \$2,108,547



JM Project Team:

Project Format: Firm's Role: Design/Bid/Build Design/Construction Management/Permitting

Project Manager: Design Engineer: Derek Turner, P.E. Derek Turner, P.E.

**Project Description:** 0.5 MGD conventional, activated sludge, package wastewater plant The project included procurement of turnkey aeration, clarification, filtration, and disinfection equipment as well as appurtenances and site contracts.

## NEW WASTEWATER TREATMENT PLANT | CITY OF EARLY

Location: Date of Completion: Original Budget: Construction Cost: JM Project Team:

Project Format: Firm's Role: Early, Texas 2018 \$8,365,000 \$5,311,148

Design/Bid/Build Design/Construction Management/Permitting

Project Manager: Design Engineer: Ken Martin, P.E. Ken Martin, P.E.

**Project Description:** 0.475 MGD wastewater facility The project included the construction of a facultative lagoon, stabilization pond, and irrigation holding pond as well as a center pivot, land irrigation system, lift station, and appurtenances.



3465 Curry Lane | Abilene, Texas 79606 | 325.695.1070

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## NEW WASTEWATER TREATMENT PLANT | CITY OF BAIRD

Location: Date of Completion: Construction Cost: Baird, Texas 2018 \$ 2,860,000

### JM Project Team:

Project Format:	
Firm's Role:	
Project Manager:	
Design Engineer:	

Design/Bid/Build Design Allen Phillips, P.E. Allen Phillips, P.E.



Project Description: Project is a 250,000 gpd facultative lagoon WWTP pond system

## NEW WASTEWATER TREATMENT PLANT | CITY OF COMANCHE

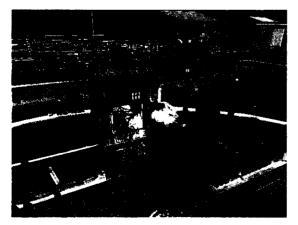
Location:
Date of Completion:
Original Budget:
Construction Cost:

Comanche, Texas 2016 \$1,071,500 \$750,000

#### JM Project Team:

Project Format: Firm's Role: Design/Bid/Build Design/Construction Management/Permitting

Project Manager: Design Engineer: Derek Turner, P.E. Eddie Aguilar, P.E.





**Project Description:** Renovation of a 0.595 MGD wastewater treatment plant. The project included the construction of two new clarifiers, sludge drying beds, electrical, and appurtenances.

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## MEMBRANE WATER TREATMENT PLANT | NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY

Location: Date of Completion: Original Budget: Construction Cost: Munday, Texas 2017 \$5,650,000 \$3,815,000

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E.



**Project Description:** 4.0 MGD Surface Treatment Plant Improvements The project included a pilot study of multiple membrane filtration vendors and construction of a 4.0 MGD membrane filtration system for the existing WTP. The project was successfully completed in 2017. REFERENCE: NCTMWA David Kuehler, Manager (940) 422-4051

## NEW ULTRAFILTRATION WATER TREATMENT PLANT | CITY OF COLEMAN

Location: Date of Completion: Construction Cost: Coleman, Texas 2021 \$8,000,000

#### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design/Bid/Build Design Allen Phillips, P.E. Allen Phillips, P.E.



REFERENCE: City of Coleman Diana Lopez City Manager (325) 625-5114

#### Project Description: 4.5 MGD Surface Treatment Plant Improvements

The project included a pilot study of multiple membrane filtration vendors and construction of a 4.5 MGD membrane ultrafiltration system and new Water Treatment Plant. The project also included the construction of a new high service pump station as well as a new chemical storage facility. The expected completion is 2021.

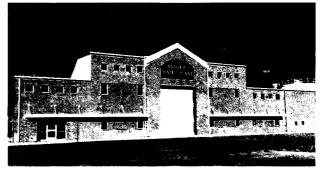
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## WATER TREATMENT PLANT | CITY OF ANDREWS

Location: Date of Completion: Original Budget: Construction Cost: Andrews, Texas 2015 \$6,061,130 \$6,212,650

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Architect: MEP Engineer: Design/Bid/Build Design Kirt Harle, P.E. Brice Campbell, P.E. Jerry Ramsey, P.E., R.A. Justin Helms, E.I.T.



**REFERENCE:** City of Andrews Steve Eggleston, City Manager (432) 523-4820

**Project Description:** 7.2 MGD Groundwater Treatment Plant with future expansion to 10.8 MGD. Facility removes arsenic and fluoride with activated alumina adsorption and filtration.

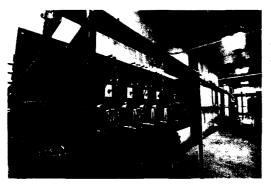
## CITY OF SEMINOLE REVERSE OSMOSIS TREATMENT PLANTS | GAINES COUNTY WATER COMPANY

Location: Date of Completion: Seminole, Texas 2015

#### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Engineer: Design Architect: MEP Engineer: Design/Bid/Build Design Kirt Harle, P.E. Kirt Harle, P.E. Jerry Ramsey, P.E., R.A. Jerry Ramsey, P.E., R.A.





**Project Description:** Engineering design and construction administration for three reverse osmosis treatment plants for arsenic and fluoride removal (total Capacity of treatment 3.0 MGD)

REFERENCE: Scott Ahlstrom (512) 925-3603

Brown County | American Rescue Plan Act of 2021 Coronavirus Local Fiscal Recovery Fund Projects

# **Materials Testing and Engineering**

## **Project Example**

CATCLAW DRIVE RECONSTRUCTION PROJECT | CITY OF ABILENE

Location: Date of Completion: Abilene, Texas 2016

### JM Project Team:

Project Format: Firm's Role: Project Manager: Design Design/Materials Barry Fowlkes, P.E.



**Project Description**: Remove existing hot mix pavement, and rework existing base and subbase courses. Lay Type C and D hot mix asphalt courses. Site concrete work was also included, like curb and gutter, sidewalks etc.

## **Scope of Services Provided on Example Projects**

### SOILS:

- Field Sampling
- Atterberg Limits
- Sieve Analysis
- Developed Moisture Density Curves
- Field Compaction Tests of the soils



### CONCRETE:

- Sampling Freshly Mix Concrete
- Temperature of Concrete
- Slump Test of Concrete
- Entrained Air Content of Concrete
- Made and Cured Concrete Test Specimens
- Tested Compressive Strength Concrete Specimens

### **ASPHALT PAVING:**

- Sampling Hot Mix Pavement
- Rice Theoretical Specific Gravity of HMA
- Established Roller Patterns for HMA using Nuclear Density Gauge
- Drilled core samples
- Laboratory Density of Compacted HMA samples

# Certifications

Barry Fowlkes, P.E., C.T., S.E.T.

- Registered Professional Engineer in Texas
- Certified Engineering Technologist, CT
- Certified Senior Engineering Technician, S.E.T., Level IV, Asphalt, Concrete, Soils

Employee	Certification	Issuing Agency								
NICET										
Barry Fowlkes	Certified Engineering Technologist in Civil Engineering, C.T.	NICET								
Barry Fowlkes	Certified Senior Engineering Technician, Level IV Asphalt	NICET								
Barry Fowlkes	Certified Senior Engineering Technician, Level IV Concrete	NICET								
Barry Fowlkes	Certified Senior Engineering Technician, Level IV Soils	NICET								
	American Concrete Institute									
Blake Steen	Concrete Field Testing Technician – Grade 1	AC1								
Hunter Bergeron	Concrete Field Testing Technician – Grade 1	ACI								
Jake Trotter	Concrete Field Testing Technician – Grade 1	ACI								
Jake Trotter	Concrete Strength Testing Technician	ACI								
Steve Romero	Concrete Field Testing Technician – Grade 1	ACI								
Chase Mann	Concrete Field Testing Technician – Grade 1	ACI								
Nick Ramos	Concrete Field Testing Technician – Grade 1	ACI								
	Nuclear Density/Moisture Gauge									
Barry Fowlkes	Nuclear Gauge Safety Certification	Component Sales								
Barry Fowlkes	Nuclear Gauge Radiation Safety Officer Training	Component Sales								
Blake Steen	Nuclear Gauge Safety Certification	Troxler								
Steve Romero	Nuclear Gauge Safety Certification	Troxler								
Jake Trotter	Nuclear Gauge Safety Certification	Troxler								
Chase Mann	Nuclear Gauge Safety Certification	Troxler								
Brendon Day	Nuclear Gauge Safety Certification	Troxler								
Kevin Allen	Nuclear Gauge Safety Certification	Troxler								
Landon Jones	Nuclear Gauge Safety Certification	Troxler								
Nick Ramos	Nuclear Gauge Safety Certification	Troxler								
	Hazmat Certification									
Barry Fowlkes	Hazmat Certification	Component Sales								
Blake Steen	Hazmat Certification	Troxler								
Jake Trotter	Hazmat Certification	Troxler								
Steve Romero	Hazmat Certification	Troxler								
Kevin Allen	Hazmat Certification	Troxler								
Landon Jones	Hazmat Certification	Troxler								
Brendon Day	Hazmat Certification	Troxler								
Chase Mann	Hazmat Certification	Troxler								
Nick Ramos	Hazmat Certification	Troxler								

# **GIS Mapping and Asset Management**

CLIENT	PROJECT DESCRIPTION	POPULATION
MUNICIPALITIES		
	Web-based Geographic Information System	
City of Andrews	Work Flow Management System	13,574
	Web-based Geographic Information System	
City of Big Spring	Work Flow Management System	28,532
City of Brownwood	Web-based Geographic Information System	19,153
City of Clyde	Web-based Geographic Information System	3,842
City of Coleman	Web-based Geographic Information System	4,431
City of Colorado City	Web-based Geographic Information System	4,001
City of Comanche	Web-based Geographic Information System	4,206
City of Dublin	Web-based Geographic Information System	3,626
City of Early	Web-based Geographic Information System	2,991
City of Fort Stockton	Web-based Geographic Information System	8,515
	Web-based Geographic Information System	
City of Goldthwaite	Work Flow Management System	1,867
City of Granite Shoals	Web-based Geographic Information System	5,117
City of Haskell	Web-based Geographic Information System	3,192
	Web-based Geographic Information System	
City of Mineral Wells	Work Flow Management System	17,450
City of Monahans	Web-based Geographic Information System	7,638
City of Snyder	Web-based Geographic Information System	7,638
City of Springtown	Web-based Geographic Information System	3,223
Town of Argyle	Web-based Geographic Information System	4,006
Town of Buffalo Gap	Web-based Geographic Information System	468
WATER DISTRICTS		
Brookesmith SUD	Web-based Geographic Information System	13,765
	Web-based Geographic Information System	
Brown County WID 1	Work Flow Management System	36,292
Coleman County SUD	Web-based Geographic Information System	5,000
Fort Belknap WSC	Web-based Geographic Information System	5,235
Potosi WSC	Web-based Geographic Information System	7,011
Reeves County	Web-based Geographic Information System	15,281
Richland SUD	Web-based Geographic Information System	2,000
Steamboat Mountain WSC	Web-based Geographic Information System	7,724



**INTEGRITY EXCELLENCE** TRUST

# Section 5: **Additional Information**



info@jacobmartin.com www.jacobmartin.com



3465 Curry Lane Abilene, TX 79606 325.695.1070

1508 Santa Fe, Suite 203 Weatherford, TX 76086 817.594.9880

4920 S. Loop 289, Suite 104 Lubbock, TX 79414 806.368.6375

TBPE Firm #: 2448 | TBPELS Firm #: 10194493 - Abilene | TBPELS Firm #: 10194590 - Weatherford | TBAE Firm #: BR 2261

# **Client References**

Client	Contact	Phone/Email
City of Big Spring	Mr. John Medina	432-264-2345
	Assistant City Manager	
City of Cross Plains	Ms. Debbie Gosnell	254-725-6114
	City Administrator	deb@crossplains.org
City of Early	Mr. Tony Aaron	325-643-5451
	City Administrator	taaron@earlytx.net
City of Coleman	Ms. Diana Lopez	325-625-5114
	City Manager	
City of San Saba	Mr. Stan Weik	325-372-5144
	City Manager	
City of Goldthwaite	Mr. Rob Lindsey	325-648-3186
	City Manager	
City of Willow Park	Mr. Bryan Grimes	806-773-6116
	City Manager	
City of Snyder	Mr. Merle Taylor	325-573-4957
	City Manager	mtaylor@ci.snyder.tx.us
Brookesmith SUD	Steve Adams	325-646-5731
	Manager	
Ft. Griffin SUD	Mark Gardenhire	325-762-2575
	Manager	
SUN SUD	Finley Barnett	325-668-8082
	Manager	
Potosi WSC	Tom Cowley	325-529-3269
	Manager	
Steamboat Mountain WSC	Billy Lodermeier	325-554-7454
	Manager	
Coleman County SUD	Travis Rhoads	325-647-2222
	Manager	
Cross Plains Independent School	Mr. Dade Cosby	254-725-6121
District	Superintendent	dcosby@cplains.esc14.net
Hardin Simmons University	Mr. Andrew Briscoe	325-670-1692
	Construction Manager	andrew.briscoe@hsutx.edu
Abilene Independent School	Mr. Scott McLean	325-677-1444
District	Asst. Supt. for Operations	scott.mclean@abileneisd.org
Abilene Youth Sports Authority	Mr. Brandon Osborne	325-692-2972
	Executive Director	



### **CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

	-									00	/09/2021
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.											
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on											
	this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).										
	DUCE					CONTAC NAME:	Morgan A	nderson, CISR	FAX	(	
		urance				PHONE (A/C, No E-MAIL	(325) 6		(A/C, No):	(325) 6	695-0228
300	5 50	uth Treadaway Blvd				ADDRES	ss: manderso	n@cbsins.con	1		
Abil	ene				TX 79602	INSURE	A				NAIC # 14184
INSU	RED					INSURE	RB: Texas M	utual Insurance	e Company		22945
		Jacob & Martin, LLC				INSURE	RC: QBE Ins	urance Corpor	ation		
		3465 Curry Lane				INSURE	RD:				
						INSURE	RE:				
		Abilene			TX 79606	INSURE	RF:				
CO	VER	AGES CER	TIFIC	ATE	NUMBER:				REVISION NUMBER:		
IN C	DIC/	S TO CERTIFY THAT THE POLICIES OF I ATED. NOTWITHSTANDING ANY REQUI FICATE MAY BE ISSUED OR MAY PERTA JSIONS AND CONDITIONS OF SUCH PO	REME	nt, te He ins	ERM OR CONDITION OF ANY SURANCE AFFORDED BY THE	CONTRA E POLICI	CT OR OTHER	DOCUMENT	MITH RESPECT TO WHICH T	HIS	
INSR LTR		TYPE OF INSURANCE		SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
	×	COMMERCIAL GENERAL LIABILITY		1					EACH OCCURRENCE		0,000
									DAMAGE TO RENTED PREMISES (Ea occurrence)	s 1,00	0,000
									MED EXP (Any one person)	s 25,0	00
					ZH3603		12/01/2020	12/01/2021	PERSONAL & ADV INJURY	s 1,00	0,000
	GE	J							GENERAL AGGREGATE	s 3,000,000	
	X								PRODUCTS - COMP/OP AGG		0,000
	<u> </u>	OTHER:								s	
	AUT	TOMOBILE LIABILITY		<u> </u>					COMBINED SINGLE LIMIT (Es accident)	<b>\$</b> 1,00	0,000
	×	ANY AUTO							BODILY INJURY (Per person)	s	
A	X				ZH3603		12/01/2020	12/01/2021	BODILY INJURY (Per accident)	s	
	X	HIRED NON-OWNED							PROPERTY DAMAGE (Per accident)	\$	
	<u> </u>								PIP-Basic	\$ 2,50	0
		UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$	
в	X	EXCESS LIAB CLAIMS-MADE			0001185875		12/01/2020	12/01/2021	AGGREGATE	\$	
	F	DED RETENTION \$							Additedate	s	
		RKERS COMPENSATION								<u> </u>	
_		PROPRIETOR/PARTNER/EXECUTIVE							E.L. EACH ACCIDENT	<b>,</b> 1,00	0,000
в	OFF	ICER/MEMBER EXCLUDED?	N/A		0001185875		12/01/2020	12/01/2021	E.L. DISEASE - EA EMPLOYEE	s 1,00	0,000
	If yes	s, describe under CRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	s 1,00	
L			· · · · ·						Per Claim		00,000
с	Pro	ofessional Liability			ANE61401-02		08/08/2021	08/08/2022	Aggregate	\$2,0	00,000
DESC	RIPT	ION OF OPERATIONS / LOCATIONS / VEHICLE	S (AC	ORD 1	01. Additional Remarks Schedule.	may be at	tached if more sr	ace is required)			
		eral liability, business auto and umbrella	•			-	•		ovides additional insured stat	us	
to th	në ce	rtificate holder only when there is a write	ten co	ontract	t between the named insured	and the	certificate hold	ler that require	s such status. General		
		Auto Liability and Workers Compensation tion status to the cert holder only when t									
Subi	Uya	ion status to the cert holder only when t	nere	15 a w				entineate noide	er man requires such status.		
000						CANC					
UEF		ICATE HOLDER				LANC	ELLATION				
						<b>SHO</b>	ULD ANY OF T	HE ABOVE DE	SCRIBED POLICIES BE CAN	CELLED	BEFORE
									, NOTICE WILL BE DELIVER	ED IN	
		FOR INFORMATION ONLY				ACC	URDANCE WIT	H THE POLICY	PROVISIONS.		
AUTHORIZED REPRESENTATIVE											
					,						
	March. Buch										
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### SAM.GOV

Entity Information Search Results 1 Total Results

Filter by:			
Keyword	Status		
128010667	Active		
Jacob & Ma	artin, Ltd. • Active		Entity Registration
<sub>DUNS</sub> Uniq	ue Entity ID: 128010667	Physical Address:	Expiration Date:
6		3465 Curry Ln	Jul 26, 2022
SAM Unique Entity ID: CTY8LEQ1XA15 Abilene , TX			Purpose of Registration:
CAG	E/NCAGE: 5TYQ2	79606 USA	All Awards

### **Certification Regarding Lobbying**

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (c) The undersigned shall require that the language paragraph 1 and 2 of this anti-lobbying certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995).

The Contractor, <u>JACOB | MARTIN, LLC</u>, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 *et seq.*, apply to this certification and disclosure, if any.

Ka Mat

Signature of Contractor's Authorized Official

Ken Martin, P.E. - Principal Engineer and President Printed Name and Title of Contractor's Authorized Official

<u>8/31/2021</u> Date

CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity	FORM CIQ
This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.	OFFICE USE ONLY
This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor w has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and t vendor meets requirements under Section 176.006(a).	
By law this questionnaire must be filed with the records administrator of the local governmental entity not lat than the 7th business day after the date the vendor becomes aware of facts that require the statement to filed. See Section 176.006(a-1), Local Government Code.	
A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. a offense under this section is a misdemeanor.	٨n
1 Name of vendor who has a business relationship with local governmental entity.	
JACOB & MARTIN, LLC	
2 Check this box if you are filing an update to a previously filed questionnaire. (The la completed questionnaire with the appropriate filing authority not later than the 7th busi you became aware that the originally filed questionnaire was incomplete or inaccurate and the original states and the original states are the original states and the original states are	ness day after the date on which
3 Name of local government officer about whom the information is being disclosed. N/A	
Name of Officer	
N/A A. Is the local government officer or a family member of the officer receiving other than investment income, from the vendor?	or likely to receive taxable income,
Yes No	
B. Is the vendor receiving or likely to receive taxable income, other than investm of the local government officer or a family member of the officer AND the taxab local governmental entity?	
Yes No	
5 Describe each employment or business relationship that the vendor named in Section other business entity with respect to which the local government officer serves as a ownership interest of one percent or more.	
N/A	
6 Check this box if the vendor has given the local government officer or a family membras described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a)	
T V A	
	1/2021
Signature of vendor doing business with the governmental entity	Date
Form provided by Texas Ethics Commission www.ethics.state.tx.us	Revised 11/30/2015

### CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

(A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;

(B) a transaction conducted at a price and subject to terms available to the public; or

(C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

### Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

 $(\bar{\mathbf{i}})$  a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

#### Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or

(C) of a family relationship with a local government officer.