

**Addendum A: Compilation of TX RBDG Q Reports on Progress**  
**Grant performance progress dates: 07/12/2019 through 6/30/20**  
**(Final report includes July 1, 2020 through Oct. 12, 2020)**

**Task 1: Identify and analyze business opportunities [REDA covers biomass inventory, not other services], available capital and technical training;**

**Q Report for July 12-October 12, 2019:**

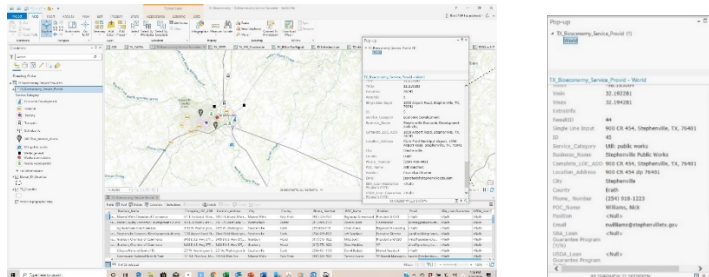
**(85% complete)** Extensive progress was made on inventory of service providers related to the bioeconomy. Principal among these are all financial institutions in the region, and whether they current participate in the USDA Loan Guarantee program; none does, so there is an opportunity to train them as to the services available from USDA and SBA. Other service providers include all utility companies (electric, sewer, water, waste management), ag waste haulers, community college training programs, and local workforce representatives. Biomass inventory continues to be fine tuned under the REAP REDA grant.

**Q Report for Oct. – Dec. 31, 2019:**

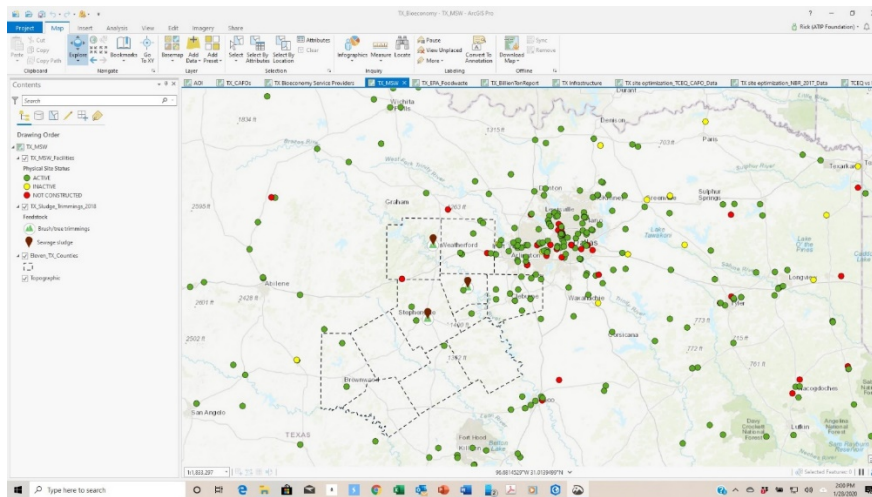
**(95% complete)** The inventories are essentially complete, although new entries / updated entries will continue to be made as warranted. All “service providers” have been incorporated into the geospatial database (ArcGIS platform), including all utility companies (electric, sewer, water, waste management), ag waste haulers, community college training programs, and local workforce representatives. Additionally, all railroad lines, natural gas pipelines, and all electrical transmission lines have been geospatially added to the database as necessary georeferenced infrastructure for bioeconomy business applications. Biomass inventory continues to be fine-tuned under the separate REAP REDA grant.

A beta demonstration of these datasets was conducted with Stephenville Economic Development Authority on December 2, 2019, and with one prospective business (BargerTech) evaluating opportunities in “advancing the bioeconomy” in the region. These datasets were also presented in a demonstration to the TX Bioeconomy Regional Advisory Steering Committee on December 16, 2019.

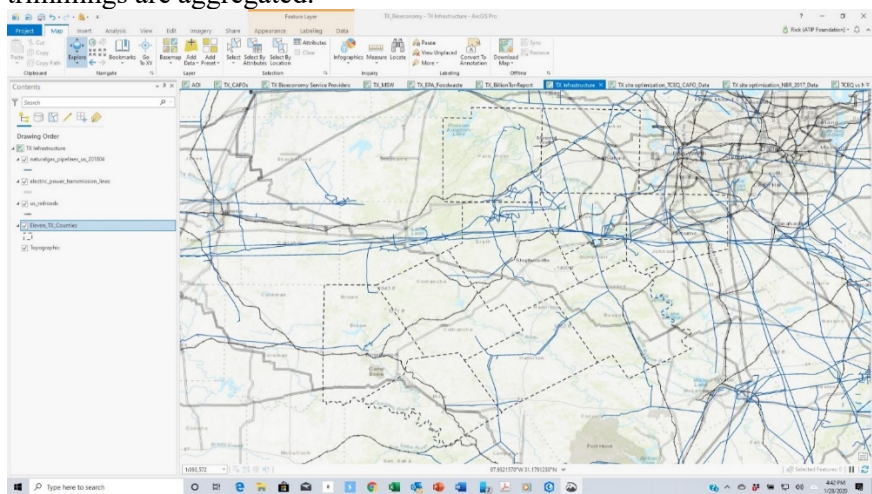
We invite Rural Development program managers that would be interested in a demonstration of the database to notify us, and we will schedule a GoToMeeting session at your convenience. The following screenshots serve as examples of the database.



Service Providers in various categories (listed in Contents panel on left), with two datapoint boxes illustrating data on Stephenville Economic Development Authority (SEDA, inset) and Stephenville Public Works (right). Portion of attribute table to database is visible below map showing portion of attribute table from Business\_Name through USDA\_Loan\_Guarantee columns.



Data layer on Municipal Solid Waste locations, and also where Sewage sludge and brush/tree trimmings are aggregated.



Infrastructure in Northcentral TX showing locations of natural gas pipelines, electric power transmission lines, and railroads.

Task 1 Remaining deliverables include (1) further demonstrations to the TX Bioeconomy Regional Advisory Committee; (2) demonstration to the 30+ companies now tracking this project for business opportunities in the region, and (3) release to EDCs as tool for recruitment and expansion opportunities for local businesses.

**Q Report for January 1 – March 31, 2020:**

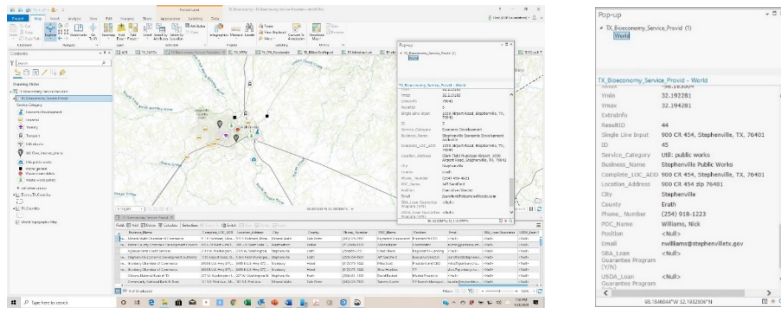
**(100% complete)** The inventories are essentially complete, although new entries / updated entries will continue to be made as warranted for the foreseeable future. All “service providers” have been incorporated into the geospatial database (ArcGIS platform), including all utility companies (electric, sewer, water, waste management), ag waste haulers, community college training programs, and local workforce representatives. Additionally, all railroad lines, natural gas pipelines, and all electrical transmission lines have been geospatially added to the database as necessary georeferenced infrastructure for bioeconomy business applications. Biomass inventory continues to be fine-tuned under the separate REAP REDA grant.

Beta demonstrations of these datasets have been conducted with the Stephenville Economic Development Authority; with several prospective businesses evaluating opportunities in “advancing the bioeconomy” in the region; in a demonstration to the TX Bioeconomy Regional Advisory Steering Committee; and the Mineral Wells Economic Development Council.

We are in the process of demonstrating the database to all 55 of our business & industry prospects.

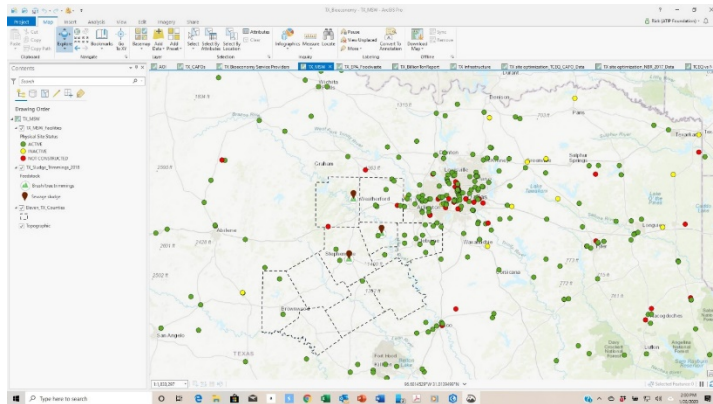
We invite Rural Development program managers that would be interested in a demonstration of the database to notify us, and we will schedule a GoToMeeting session at your convenience. The following screenshots serve as examples of the database.

Below are several screenshots (most provided in previous quarterly report, included here for completeness).

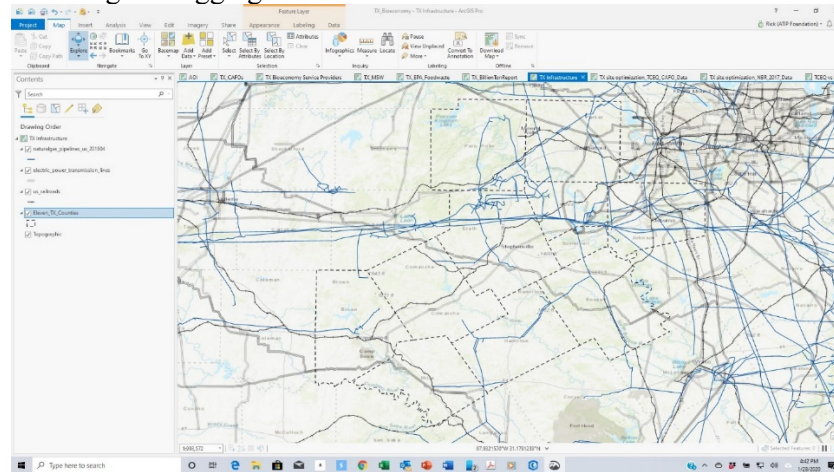


Service Providers in various categories (listed in Contents panel on left), with two datapoint boxes illustrating data on Stephenville Economic Development Authority (SEDA, inset) and Stephenville Public Works (right). Portion of attribute table to database is visible below map showing portion of attribute table from Business\_Name through USDA\_Loan\_Guarantee columns.

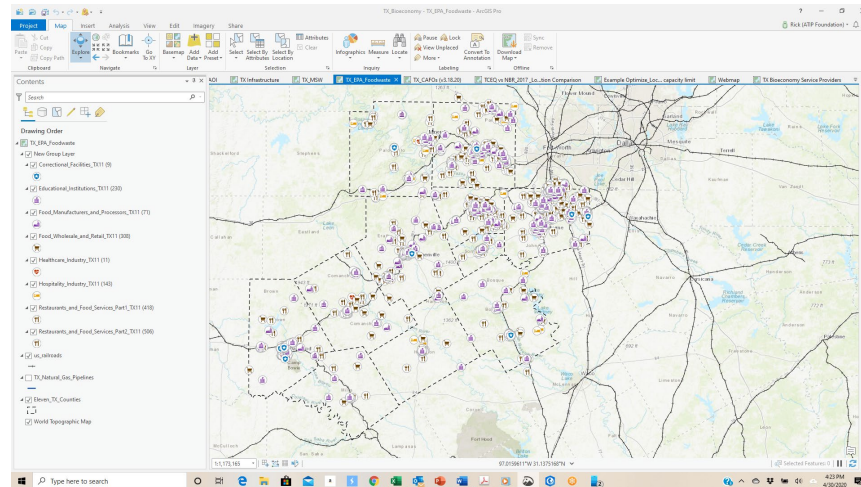
It should be noted that none of the financial institutions in the 4-county area currently participate in the USDA loan guarantee program. We are working with EDCs in the region to orchestrate a presentation to institutions (see below).



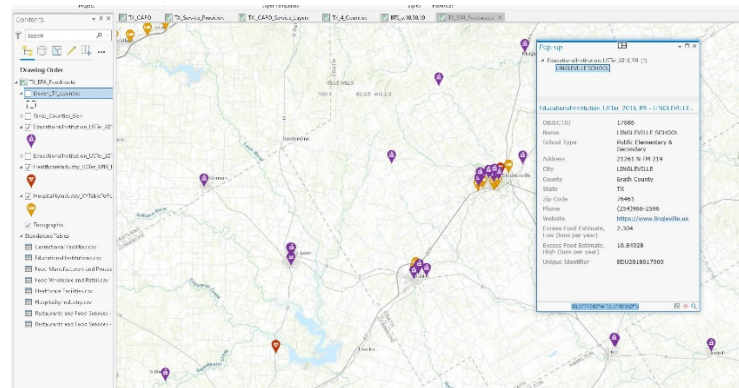
Data layer on Municipal Solid Waste locations, and also where Sewage sludge and brush/tree trimmings are aggregated.



Infrastructure in Northcentral TX showing locations of natural gas pipelines, electric power transmission lines, and railroads.



Geospatial representation of EPA food waste estimates, by category of facility, for north central Texas.



Example of details in database for food wastes. Note this is an enlargement focusing on educational institutions with pop-up box providing data on Lingleville School. Food waste is one source of biomass with uses other than biofuels.

Task 1 Remaining deliverables: although the Database has been completed, we still plan (1) further demonstrations to the TX Bioeconomy Regional Advisory Committee; (2) demonstrations to the 55+ companies now tracking this project for business opportunities in the region, and (3) release to the EDCs as tool for recruitment and expansion opportunities for local businesses.

#### **Q Report for April 1 – June 30, 2020:**

**(100% complete)** As previously reported, the inventories are essentially complete, although new entries / updated entries will continue to be made as warranted for the foreseeable future. All “service providers” have been incorporated into the geospatial database (ArcGIS platform), including all utility companies (electric, sewer, water, waste management), ag waste haulers, community college training programs, and local workforce representatives. Additionally, all railroad lines, natural gas pipelines, and all electrical transmission lines have been geospatially added to the database as necessary georeferenced infrastructure for bioeconomy business applications. Biomass inventory continues to be fine-tuned under the separate REAP REDA grant.

Beta demonstrations of these datasets have been conducted with the Stephenville Economic Development Authority; with several prospective businesses evaluating opportunities in “advancing the bioeconomy” in the region; in a demonstration to the TX Bioeconomy Regional Advisory Steering Committee; and the Mineral Wells Economic Development Council.

Previous quarterly reports provided screenshots of the GIS database. A version of this has now been prepared for web access that will be publicly available. The final report will showcase this and its release to the regional economic development authorities.

**Task 2: Community engagement regarding the bioeconomy outside of biogas and biochar ("to build the capacity of our primary economic development entities within the region, to ensure their staff has the knowledge to understand how to (1) engage with companies in the bioeconomy; (2) utilize and secure state and federal resources;(3) understand what must be done to build the necessary supply chains; (4) understand what will be needed from their independent school districts and community colleges to train and build the workforce; (5) gain the knowledge necessary to work with their financial services sector and the USDA Loan Guarantee Programs; and (6) understand what support services and suppliers will be needed within the region to support the growth of the primary bioeconomy sector."**

#### **Q Report for July 12-October 12, 2019:**

**(40% complete)** Time spent with the Stephenville Economic Development Authority, Mineral Wells Industrial Foundation, Mineral Wells Chamber of Commerce, Granbury Chamber of Commerce, and Parker County Economic Development Corporation.

Meetings included engagement with state and federal agencies, including the Texas Department of Agriculture, the Governor’s Office of Economic Development, the Texas Commission on Environmental Quality, the Department of Agriculture and the Department of Energy.

Meetings also included Mineral Wells ISD, Stephenville ISD, Ranger College, Texas State Technical College, and Tarleton State University.

Meetings included Banks in Mineral Wells and Stephenville, and the development of a data base of potential suppliers and service providers.

**Q Report for Oct. – Dec. 31, 2019:**

**(85% complete)** Accomplishments to date include: (1) recruitment of and engagement with all the identified primary economic development stakeholders; (2) information we have provided to assist their understanding; (3) commitments from all to support the project; and (4) briefings of city and county officials. One of the fundamental elements of our Initiative is Community Engagement.

It is consistent with all of the input we received in conducting the 8 Forums for the Biomass Research & Development Board/USDA in 2016-17, and our work with USDA to develop the basis for a replicable model for rural economic development in 2018.

It is essential because all the other tasks rely on our development of community awareness in order to engage the six (6) stakeholder groups utilized on our forums and the development of our model for rural economic development: (1) Academia; (2) Economic & Workforce Development; (3) Business & Industry; (4) Financial Services; (5) Elected & Appointed Officials from Municipal, County, Region, and State levels; and (6) the Supply Chain, from biomass source to end user.

Once awareness of the opportunity and the resources available have been established, the organizational leadership of the 6 stakeholder groups becomes willing to engage with us on all the other tasks. Therefore, we have spent a considerable amount of time interacting with the following organizations focused on the completion of the Tasks and Objectives of our Grant.

We conducted calls with our Regional Advisory Council on 10/30 and 12/16. Time has been spent interacting with the leadership of our primary economic development partners in the 4 Counties, as well as other organizations in their Counties.

1. Mineral Wells/Palo Pinto County

- Mineral Wells Chamber of Commerce; formed the Envision Mineral Wells Steering Committee to provide leadership to their County wide strategic plan for Economic Development, established in 2016. The Chamber hosted one of the 5 Forums in 2016, and as a result, incorporated the Bioeconomy as a Strategic Goal in their plan.

Note: The Chamber and City have been our lead partners from the inception, helping us engage the other 3 counties.

- We met with the Envision Mineral Wells Steering Committee at their Quarterly Meeting, focused on updating the Community on progress to date, on 10/3.
- UASWERX Advisory Council; is comprised of representatives of the City, County, Airport, Chamber, and Industrial Foundation, working in partnership with Texas UASWERX, focused on oversight of the process to establish the UAS Training Academy, Test Center, and Advanced Technology Center at the Mineral Wells Regional Airport, on 10/3, 11/6, 12/4, and 12/18.
- Chamber of Commerce, Council Chairman's Monthly Meeting, comprised of the Chairmen of the Chambers 7 Operating Councils, focused on the Chambers role in all 5 Tasks, on 10/10, 11/18, and 12/12.
- Cayler Banks, Chamber Government Relations Chair, Meeting on a weekly basis, to coordinate the Council's work in cultivating support from appointed and elected officials.
- Raymond Greenwood, Chamber CEO, Meeting on a weekly basis, to coordinate the overall work of the Chamber in support of the Initiative.
- City of Mineral Wells, City Manager and Council, Meeting on a routine basis, to implement the Grant requirements.
- Mineral Wells Industrial Foundation, Executive Director Steve Butcher, to coordinate the Foundations role in job creation, on 10/3, 10/10, 11/6, 11/18, 12/4, and 12/12.

## 2. Stephenville/Erath County

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- Stephenville Economic Development Authority (SEDA); with President Jeff Sanford to coordinate SEDA's work in the County on 11/7; on 11/20 with the VP Ashleigh Feuerbacher, to coordinate and plan a visit by BargerTech in Erath County December 2-4; for meetings with BargerTech and the Texas Association of Dairymen, Tarleton State University, Ranger College; Texas A&M AgriLife Research, and dairy owners throughout the County.
- **As a result of this 12/2-4 visit BargerTech announced their commitment to build a facility in the region;**
  - **that will serve as a biorefinery to extract nutrients (NPK) and produce fertilizers customized for participating dairies' agronomic operations;**
  - ***Also, facility will be used for renewable energy production from dairy manure. This will be more fully described in a progress report on the REAP REDA grant.***

## 3. Granbury/Hood County

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- Chamber of Commerce; with President Mike Scott, to coordinate the Chambers interface with the City and County, on 10/22, 10/30, and 12/16.

#### 4. Weatherford/Parker County

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- Weatherford College; with President Tod Farmer, to coordinate the College involvement, and request his support with the Weatherford Economic Development Corporation, on 11/18
- Weatherford Economic Development Corporation; with Chairman Ken Davis to engage the EDC, and to secure his commitment to help engage the City of Weatherford, on 12/4.
- City of Weatherford; with Mayor Paul Paschall, City Manager James Hotopp, and Ken Davis, Weatherford EDC, to secure a commitment from the City to support the EDC's engagement and the City's direct involvement with ATIP, and the Bioeconomy Initiative, to include support for all Grant related tasks, on 12/18.

Task 2 Remaining / continuing deliverables include; (1) Recommendations from educational & workforce development stakeholders re: training available/training needed for the Bioeconomy sector; (2) continued briefings of regional suppliers, services providers, and clients of the EDCs using Task 1 GIS database; (3) in depth briefings and GIS database demonstrations for recruitment of financial services providers, and support in their applications to become USDA guaranteed lenders; and (4) state and federal resources and support documented.

#### **Q Report for January 1 – March 31, 2020:**

**(90% complete)** We are nearing completion. Accomplishments to date include: (1) recruitment of and engagement with all the identified primary economic development stakeholders; (2) information we have provided to assist their understanding; (3) commitments from all to support the project; and (4) briefings of city and county officials. One of the fundamental elements of our Initiative is Community Engagement. It is consistent with all of the input we received in conducting the 8 Forums for the Biomass Research & Development Board/USDA in 2016-17, and our work with USDA to develop the basis for a replicable model for rural economic development in 2018.

It is essential because all the other tasks rely on our development of community awareness in order to engage the six (6) stakeholder groups utilized on our forums and the development of our model for rural economic development: (1) Academia; (2) Economic & Workforce Development; (3) Business & Industry; (4) Financial Services; (5) Elected & Appointed Officials from Municipal, County, Region, and State levels; and (6) the Supply Chain, from biomass source to end user.

Once awareness of the opportunity and the resources available have been established, the organizational leadership of the 6 stakeholder groups becomes willing to engage with us on all



the other tasks. Therefore, we have spent a considerable amount of time interacting with the following organizations focused on the completion of the Tasks and Objectives of our Grant.

We conducted calls with our Regional Advisory Council on 1/16, 2/20, and 3/19. Time has been spent interacting with the leadership of our primary economic development partners in the 4 Counties, as well as other organizations in their Counties.

#### 1. Mineral Wells/Palo Pinto County

- Mineral Wells Chamber of Commerce; formed the Envision Mineral Wells Steering Committee to provide leadership to their County wide strategic plan for Economic Development, established in 2016. The Chamber hosted one of the 5 Forums in 2016, and as a result, incorporated the Bioeconomy as a Strategic Goal in their plan.

Note: The Chamber and City have been our lead partners from the inception, helping us engage the other 3 counties.

- We met with the Envision Mineral Wells Steering Committee, focused on updating the Community on progress to date, on 1/14, 2/12, and 3/17.
- We met with the UASWERX Advisory Council on 2/12 and 3/17. It is comprised of representatives of the City, County, Airport, Chamber, and Industrial Foundation, working in partnership with Texas UASWERX, focused on oversight of the process to establish the UAS Training Academy, Test Center, and Advanced Technology Center at the Mineral Wells Regional Airport, on 2/12, and 3/17.
- We met with the Chamber of Commerce, Council Chairman's Monthly Meeting, comprised of the Chairmen of the Chambers 7 Operating Councils, focused on the Chambers role in all 5 Tasks, on 1/9, 2/12, and 3/17.
- Cayler Banks, Chamber Government Relations Chair, Meeting on a weekly basis, to coordinate the Council's work in cultivating support from appointed and elected officials.
- Raymond Greenwood, Chamber CEO, Meeting on a weekly basis, to coordinate the overall work of the Chamber in support of the Initiative.
- City of Mineral Wells, City Manager and Council, Meeting on a routine basis, to implement the Grant requirements.
- Mineral Wells Industrial Foundation, Executive Director Steve Butcher, to coordinate the Foundations role in job creation, on 1/14, 2/12, 2/25, and 3/17.

#### 2. Stephenville/Erath County

- During the past quarter, I worked with the Stephenville Economic Development Authority (SEDA); President Jeff Sanford; and VP Ashleigh Feuerbacher. We met on 1/16, 1/28, 2/11, 2/18, 3/19, 3/25. Meetings have included the Texas Association of Dairymen, Tarleton State

University, Ranger College; Texas A&M AgriLife Research, and dairy owners throughout the County.

### 3. Granbury/Hood County

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- Chamber of Commerce; with President Mike Scott, and Economic Development Director Shea Hopkins to coordinate the Chambers interface with the City and County, 1/24, and 2/24.

### 4. Weatherford/Parker County

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- Weatherford College; with Hayden Harbold, to coordinate the College involvement, on 1/15, 1/17, 1/19, 1/28, 2/3, and 3/3.
- Weatherford Economic Development Corporation; with Chairman Ken Davis to engage the EDC, and to secure his commitment to help engage the City of Weatherford, on 2/1, and 2/25
- City of Weatherford; with Mayor Paul Paschall, City Manager James Hotopp, and Ken Davis, Weatherford EDC, to secure a commitment from the City to support the EDC's engagement and the City's direct involvement with ATIP, and the Bioeconomy Initiative, to include support for all Grant related tasks, on 2/1.

Task 2 Remaining / continuing deliverables include; (1) continued briefings of regional suppliers, services providers, and clients of the EDCs using Task 1 GIS database; (2) in depth briefings and GIS database demonstrations for recruitment of financial services providers, and support in their applications to become USDA guaranteed lenders. The database is being prepared for an on-line version that will be available to any entity, including EDCs and corporate prospects for location/relocation to the region having the URL link provided by the ATIP Foundation.

#### **Q Report for April 1 – June 30, 2020:**

**(100% complete)** We have completed Task 2. Accomplishments to date include: (1) recruitment of and engagement with all the identified primary economic development stakeholders in the 4 counties; (2) provided information including our GIS database to assist their understanding; (3) commitments from all to support the project; and (4) briefings of city, and county officials, Independent School Districts, Community Colleges, & Universities; and Financial Services Institutions through the Chambers of Commerce. One of the fundamental elements of our Initiative is Community Engagement. It is consistent with all of the input we received in conducting the 8 Forums for the Biomass Research & Development Board/USDA in 2016-17, and our work with USDA to develop the basis for a replicable model for rural economic development in 2018.

It is essential because continuation of this work in future years will rely on our continued development of community awareness within the six (6) stakeholder groups utilized on our forums and the development of our model for rural economic development: (1) Academia; (2) Economic & Workforce

Development; (3) Business & Industry; (4) Financial Services; (5) Elected & Appointed Officials from Municipal, County, Region, and State levels; and (6) the Supply Chain, from biomass source to end user.

In developing the awareness, we have found that once they became knowledgeable about the opportunity and the resources available, their organizational leadership becomes willing to engage with us. Therefore, we have spent a considerable amount of time interacting with the following organizations, in order to complete the Tasks and Objectives of our Grant.

We conducted calls with our Regional Advisory Council on 4/16, 5/14 and 6/11. Time has been spent interacting with the leadership of our primary economic development partners in the 4 Counties, as well as other organizations in their Counties.

#### 1. Mineral Wells/Palo Pinto County

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Within the County, the following organizations have been fully engaged.

- City of Mineral Wells
- Palo Pinto County
- Mineral Wells Chamber of Commerce
- Mineral Wells Industrial Foundation
- Mineral Wells ISD

Since Inception:

- Mineral Wells Chamber of Commerce; formed the Envision Mineral Wells Steering Committee to provide leadership to their County wide strategic plan for Economic Development, established in 2016. The Chamber hosted one of the 5 Forums in 2016, and as a result, incorporated the Bioeconomy as a Strategic Goal in their plan.

Note: The Chamber and City have been our lead partners from the inception, helping us engage the other 3 counties.

- Cayler Banks, Chamber Government Relations Chair, Meeting on a weekly basis, to coordinate the Council's work in cultivating support from appointed and elected officials.
- Raymond Greenwood, Chamber CEO, Meeting on a weekly basis, to coordinate the overall work of the Chamber in support of the Initiative.
- City of Mineral Wells, City Manager and Council, Meeting on a routine basis, to implement the Grant requirements.
- Mineral Wells Industrial Foundation, Executive Director Steve Butcher, to coordinate the Foundations role in job creation, on a routine basis.
- Mineral Wells ISD, to secure grant funding to launch Industry Certifications within the District's CTE Department, that are important to the bioeconomy.

This Quarter in addition:

- We met with the UASWERX Advisory Council weekly. It is comprised of representatives of the City, County, Airport, Chamber, and Industrial Foundation, working in partnership with Texas UASWERX, focused on oversight of the process to initially establish and now manage the UAS Training Academy, Test Center, and Advanced Technology Center at the Mineral Wells Regional Airport.
- We met with the Leadership of the Chamber of Commerce, focused on the Chambers role in all 5 Tasks, on 4/6, 4/9, 4/29, 5/19, 5/27, 6/3, 6/9, 6/23.
- We have met with Mark Hays, Vice Chancellor, Workforce Development at Dallas College on 4/1, 4/7, who is supporting the Training Academy established at Mineral Wells.
- We met with Tony Bennett, CEO of the Texas Association of Manufacturers, to foster his understanding of the Bioeconomy on 4/7
- We met with Daphne Rickard, Executive Director of the Ft Worth ISD on 4/7 to foster her understanding of the Bioeconomy, given her focus on developing a career pathway for Public Education for the UAS Sector under a grant from the Texas Education Agency, to foster her understanding of the Bioeconomy in general, and more specifically Precision Agriculture.
- We met with FoodShed, an Angel Investor Group on 4/8, 5/1 and 5/18 that is focused on funding Agri-Business start ups. As a result we have developed a a partnership with them, and they have linked us to the syndicate of all Angel Investor Groups in Texas.
- We met with Cindy Hill, with ACT WorkKeys in 5/21 to brief her on our work.

## 2. Stephenville/Erath County

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Within the County the following organizations have been fully engaged:

- Stephenville Economic Development Authority
- City of Stephenville
- Erath County
- Stephenville ISD
- Ranger College
- Tarleton State University

Since Inception:

- We have worked with the Stephenville Economic Development Authority (SEDA); President Jeff Sanford; and VP Ashleigh Feuerbacher. This quarter, we met on 4/27, 4/30, 5/4, 5/14, 5/20, 6/2, 6/9, and 6/28. Meetings have included the Texas Association of Dairymen, Tarleton State University, Ranger College; Texas A&M AgriLife Research, and dairy owners throughout the County.
- We met with Joe James, President, Agri-Tech Producers LLC and Barry Lambert, Associate VP of Research at Tarleton State University, to establish a Research Project focused on planting of biomass sorghum test plots that also has phytoremediation characteristics in impaired soils.

### 3. Granbury/Hood County

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Within the County the following organizations have been engaged:

- Granbury Chamber of Commerce
- City of Granbury
- Hood County
- Hill College

Since inception:

- We have worked with the Chamber of Commerce; with President Mike Scott, and Economic Development Director Shea Hopkins to coordinate the Chambers interface with the City and County. This quarter we have met on 4/16, 5/14, and 6/11.
- We met with Hill College to foster their understanding and support of the Bioeconomy on 5/5

### 4. Weatherford/Parker County

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Within the County the following organizations have been engaged.

- Weatherford Economic Development Corporation
- Parker County Economic Development Corporation
- City of Weatherford
- Parker County
- Weatherford ISD

Since inception:

- We have worked with Weatherford College; with Hayden Harbold, to coordinate the College involvement, this quarter on 4/1, and 4/7.
- We have worked with Weatherford Economic Development Corporation; with Chairman Ken Davis to engage the EDC. This quarter we met on 5/21.
- We have worked with the City of Weatherford; with Mayor Paul Paschall, City Manager James Hotopp, and Ken Davis, Weatherford EDC, to support the City's direct involvement with ATIP, and the Bioeconomy Initiative, to include support for all Grant related tasks.
- We met with Pat Deen, the Parker County Judge on 6/10, who committed the County's support.
- We met with Patrick Lawler, CEO of the Parker County EDC on 6/24

**Task 3: Assist in the creation of new rural business. (July 12, 2019 - July 11, 2020); \$10K ("RDBG is focused broadly on information to support all manner of potential projects to advance the broader bioeconomy. AG4 is one example of a partnering company that has no connection whatsoever to biogas or biochar. As a precision agriculture company, attracting them requires a much broader database, providing information not relevant to biogas or biochar.")**

### **Q Report for July 12-October 12, 2019:**

**(25% complete)** Time was spent interacting with 9 prospective companies. One has located in Parker County, AG4, a precision Agricultural company; one has committed to come, and 7 are in the process of evaluating.

In addition, the University of Texas at Arlington, College of Business, has committed to work with the ATIP Foundation to establish support for Entrepreneurial support to assist start ups.

### **Q Report for Oct. – Dec. 31, 2019:**

**(60% complete)** We have developed a strategy for business development and are well along in implementation. It includes (1) national outreach through regional and national events; and (2) cultivation of companies in Texas, with a particular focus on north central Texas.

- BargerTech; is our first significant new business to commit to establish operations in the 4 County region. We have worked with BargerTech to secure a USDA Loan Guarantee (they received their invitation to Phase 2), and are coordinating all support necessary to assist their establishment, including interface with the Texas Department of Agriculture; the Texas Commission on Environmental Quality; the Governor’s Office of Economic Development; the Texas Workforce Commission, and USDA.

We are meeting with them weekly and have coordinated visits to Texas to meet with Dairy Owners and relevant stakeholders.

- National Outreach Prospect Development; we have attended numerous Agricultural Meetings, Forums and Seminars, and have to date cultivated a total of 31 “Prospects”; companies that have expressed genuine interest in considering establishing business operations in Texas.

We are in the process of working with each to determine their location requirements. We are engaging the 4 primary Economic Development entities in support of this Task.

Cultivation of Texas Companies; we are also briefing companies in the North Central Texas Region, in an effort to cultivate their interest. To date, we have met with the following:

- Cumulus on 10/7
- Upfield Group on 10/8
- FedEx on 11/12
- Your Aerial View on 11/19
- Jamak Fabrication on 12/4

Task 3 remaining / continuing deliverables include; (1) continue to expand our list of prospects; (2) finalize data base of all City, County, State, and Federal incentives available; (3) establish Entrepreneurship support with UTA/COB; (4) introduce prospects to Economic Development Corporations.

### **Q Report for January 1 – March 31, 2020:**

**(90% complete)** We have completed our initial identification of prospective bioeconomy-related businesses that have expressed interest in evaluating the business opportunities in the West Texas region. As a result, we are currently engaging 55 companies.

We have also established a “Business Opportunities Management System” to support our work with these North Central Texas companies, in partnership with the 4 EDCs.

1. We identify companies as a “Suspect”, based on the following definition:

A company that has been briefed by ATIP, on the Bioeconomy in general, and the work we are doing to support business opportunities, that has then indicated they plan to establish operations or expand current operations in the next three years, and they will consider the North Central Texas region.

2. We identify companies as a “Prospect”, based on the following definition:

A company that has worked with us, utilizing our GIS data base, to thoroughly assess the opportunities, and has then said they will consider the San Joaquin Valley as a prospective location, and will sign an MOU and/or Non-Disclosure Agreement (NDA) to work with us.

3. We identify companies as a “Client”, based on the following definition:

A company that has provided us with all of their site selection criteria; we have distributed the criteria to the 4 EDCs, who have provided ATIP with applicable sites; we have shared those dates with our he Prospect, who then selects one or more sites and engages with the relevant EDCs.

4. We identify companies as a “Project”, based on the following definition:

A Company that has identified a site; and is engaged with the EDC in conducting due diligence on the site, and all other relevant issues (I.e. workforce, incentives, policy, etc).

5. We identify companies as a “Finalist”, based on the following definition:

A company that has told the EDC their site is one of the final 2-3 locations they are looking at in the US.

Based on that Criteria, we currently have:

Finalists - 3

Projects - 1

Clients - 6

Prospects - 4

Suspects – 40

Given the competitive nature of the businesses, they have requested they not be identified in public documents that are subject to FOIA; while most have or will request Non-Disclosure Agreements, prior to providing any specific information, relative to their technologies, as well as not wanting their competitors to be aware of their plans.

We are systemically working with all 55 businesses to work toward moving them “up the ladder” in our process. Our biomass inventory and service providers database is used to inform each on potential opportunities in the study area. We are also working with the EDCs to identify the Incentives available from the cities, counties, and state agencies.

Task 3 remaining / continuing deliverables include; (1) continue to expand our list of prospects; and (2) introduce prospects to Database.

**Q Report for April 1 – June 30, 2020:  
(90% complete)**

We have completed our identification of prospective bioeconomy-related businesses that have expressed interest in evaluating the business opportunities in the North Central Texas region. We are in the process of demonstrating the database to all 52 of our 62 business & industry prospects that have been tracking this project; this work continues as company representatives are available. Under the REAP REDA grant, we are in the process of briefing 72 dairies in the 4-county region. We are honoring confidentiality of prospective business participants in this region, but each has a unique identifying number which we will use for specific reporting purposes; below is a table of businesses types included in the outreach.

v.7.30.20			
Category	Total No. of businesses / entities	Outreach: TX RBDG	Outreach: TX REAP
Research, Education, Consulting	8	7	
Equipment manufacturers	16	16	
General bioeconomy engineering services	1	1	
Lender/finance	3	3	
Project Developer	20	14	4
Technology Licensor	14	12	2
Dairy operations	72	-	72
<b>Total ----&gt;</b>	<b>134</b>	<b>53</b>	<b>78</b>
<b>Total excluding animal operations ----&gt;</b>	<b>62</b>	<b>53</b>	<b>4</b>

We have also established a “Business Opportunities Management System” to support our work with these North Central Texas companies, in partnership with the 4 EDCs. The purpose is to cultivate business interest in advancing the North Central TX bioeconomy. The goal is to work in partnership with the four Economic Development Corporations to assist business planning from a “will consider” status to announce a “relocation / expansion” decision.

1. We identify companies as a “Suspect,” based on the following definition: A company that has been briefed by ATIP (on the Bioeconomy in general) and the work we are doing to support business opportunities, and then indicates they plan to establish operations or expand current operations in the next three years, and they will also consider relocation to the North Central Texas region.
2. We identify companies as a “Prospect”, based on the following definition: A company that has worked with us, utilizing our GIS data base, to thoroughly assess the opportunities, and has then indicated they will consider the region as a prospective location, and will sign a Memorandum Of Understanding (MOU) and/or Non-Disclosure Agreement (NDA) to work with us.
3. We identify companies as a “Client”, based on the following definition: A company that has provided us with all of their site selection criteria; we have distributed the criteria to the 4 EDCs, who have provided ATIP with applicable sites; we have shared those specific site data with our client, who then tours one or more sites and engages with the relevant EDCs.



4. We identify companies as a “Project”, based on the following definition: A company that has identified a site; and is engaged with the EDC in conducting due diligence on the site, and all other relevant issues (i.e. workforce, incentives, policy, etc.).
5. We identify companies as a “Finalist”, based on the following definition: A company that has told the EDC their site is one of the final 2-3 locations they are looking at in the US.

Based on that Criteria, we currently have:

Finalists - 2

Projects - 1

Clients - 4

Prospects - 3

Suspects – 42

Given the competitive nature of the businesses, they have requested they not be identified in public documents that are subject to FOIA; while most have or will request Non-Disclosure Agreements, prior to providing any specific information, relative to their technologies, as well as not wanting their competitors to be aware of their plans. As mentioned above, each company has a unique identifier number in our database for specifics of reporting.

We are systemically working with all # businesses to work toward moving them “up the ladder” in our process. Our biomass inventory and service providers database is used to inform each on potential opportunities in the study area. We are also working with the EDCs to identify the Incentives available from the cities, counties, and state agencies.

Task 3 remaining / continuing deliverables include; (1) continue to expand our list of prospects; and (2) introduce prospects to Database.

**Task 4: Strategic community planning with economic development groups. (July 12, 2019 - July 11, 2020); \$10K. ("This task primarily serves to bring together the respective parties we are working with to conduct true regional economic development planning. When we assess the two primary counties. Erath and Palo Pinto, and the City of Granbury, where we believe the initial economic development will occur, we recognize we also need to develop a plan that has "buy in" from all of the significant players in the four county region. Essentially, we need the Economic Development entities to play a leadership role. We also need City and County Planning Departments, the Regional Council of Governments, the local Workforce Board, the Independent School Districts, and the Community College Districts to engage. so that we have a true Regional Strategic Plan that all Stakeholders have helped develop and agreed to support.")**

**Q Report for July 12-October 12, 2019:**

**(50% complete)** Time has been spent with the Economic Development entities, and their City, County, School Districts and Community Colleges in establishing integrated plans incorporating the Bioeconomy.

In addition, the North Central Texas Workforce Board has formally approved Agribusiness as a Demand Occupation Priority Industry Sector, enabling the Board to provide funding for training in the 4 County area.

**Q Report for Oct. – Dec. 31, 2019:**

**(75% complete)** In developing our approach to support Strategic Community Planning, time has been spent with our primary economic development partners and their City and County leadership.

Actual meetings were documented under Task 2, as each meeting focused on working concurrently on all 5 Tasks.

Task 4 accomplishments to date include (1) Leadership secured from the primary economic development partners to plan regionally, to include the Granbury Chamber of Commerce, who now represents the City of Granbury and Hood County under Contracts as the Economic Development entity, the Mineral Wells Chamber of Commerce, the Mineral Wells Industrial Foundation, the Stephenville Economic Development Authority, and the Weatherford Economic Development Corporation; (2) Commitments from the four primary cities to Community Strategic Planning, on a multi-County basis, to include Granbury, Mineral Wells, Stephenville, and Weatherford; and (3) agreement on the goals, strategies, and tactics for the Plan is 75% complete.

Task 4 remaining deliverables include (1) writing the draft version of the Final Plan; (2) sharing it with the stakeholders for input; and (3) finalizing it for their approval.

**Q Report for January 1 – March 31, 2020:**

**(90% complete)** In developing our approach to support Strategic Community Planning, time has been spent with our primary economic development partners and their City and County leadership.

Actual meetings were documented under Task 2, as each meeting focused on working concurrently on all 5 Tasks.

Task 4 accomplishments to date include (1) Leadership secured from the primary economic development partners to plan regionally, to include the Granbury Chamber of Commerce, who now represents the City of Granbury and Hood County under Contracts as the Economic Development entity, the Mineral Wells Chamber of Commerce, the Mineral Wells Industrial Foundation, the Stephenville Economic Development Authority, and the Weatherford Economic Development Corporation; (2) Commitments from the four primary cities to Community Strategic Planning, on a multi-County basis, to include Granbury, Mineral Wells, Stephenville, and Weatherford; and (3) We have, in partnership with our 4 Economic Development Partners, completed the processes required to develop a regional economic development approach, in North Central Texas. The process has resulted in the completion of a document, entitled “Advancing the Bioeconomy in Texas: A Strategic Approach for Rural Economic Development”.

Our final step is to circulate the draft with all 4 economic development corporations to review and receive their final input before formal adoption.

The draft document is included with our report as an attachment. It is currently out for review among EDCs now; the final Strategic Approach document will be formally presented to USDA with the next quarterly / final report.

Task 4 remaining deliverables include (1) receiving final input from our partners on the document, and; (2) finalizing it for their approval.

#### **Q Report for April 1 – June 30, 2020:**

**(100% complete)** In developing our approach to support Strategic Community Planning, time has been spent with our primary economic development partners and their City and County leadership.

Actual meetings were documented under Task 2, as each meeting focused on working concurrently on all 5 Tasks.

Task 4 accomplishments to date include (1) Leadership secured from the primary economic development partners to plan and work regionally, to include the Granbury Chamber of Commerce, who now represents the City of Granbury and Hood County under Contracts as the Economic Development entity, the Mineral Wells Chamber of Commerce, the Mineral Wells Industrial Foundation, the Stephenville Economic Development Authority, and the Weatherford and Parker County Economic Development Corporations; (2) Commitments from the four primary cities to Community Strategic Planning, on a multi-County basis, to include Granbury, Mineral Wells, Stephenville, and Weatherford; and (3) We have, in partnership with our 4 Economic Development Partners, completed the processes required to develop a regional economic development approach, in North Central Texas.

The process has resulted in the completion and adoption of a document, entitled *"Advancing the Bioeconomy in Texas\_A Strategic Approach for Rural Economic Development (final) v.7.9.2020.pdf"*. The final adopted document is included with our report as an attachment.

**Task 5: Establish centers for training, technology and trade. (July 12, 2019 - July 11, 2020); \$5K ("The UAS sector, in and of itself, is also rapidly emerging in the United States, but has not yet found a "home". There are, in fact, only seven Federal Aviation Administration (FAA) recognized UAS Test Sites in the US, to support the development of 240 aerial systems under development. We have had interest expressed by companies who are considering locating within this region, who will focus on precision agriculture. They have already asked if we have the capability to train FAA certified operators for the aerial systems they will need to purchase and deploy. Therefore we are working with (1) the Mineral Wells Regional Airport; (2) Ft Wolters, an adjacent military facility; (3) the Palo Pinto owned Dempsey Heliport; (4) Dallas County Community College District; (5) the North Central Texas Council of Governments; and (6) the North Central Texas Workforce Board to establish a Training Academy and Test Site in Palo Pinto County. It will provide all FAA CERT/FICATIONS needed to support the Precision Agriculture Sector.")**

**(90% complete)** The ATIP Foundation CEO has been working with the Mineral Wells Regional Airport and UASWERX, to establish (1) a Training Academy; a UAS Test Center (it will be only the 8th such Center in the US); and (3) an Advanced Technology Center. All 3 facilities are focused on the Unmanned & Autonomous Systems (UAS) Sector, critical to Precision Agriculture.

The Training Academy has already established the first and still only Department of Labor approved Registered Apprenticeship Program in the United States.

**Q Report for Oct. – Dec. 31, 2019:**

**(99% complete)** We have been working with the Mineral Wells Regional Airport, and UASWERX to establish (1) an Unmanned & Autonomous Systems (UAS) Training Academy; (2) a UAS Test Center; and an Advanced Technology Center. All 3 facilities are focused on the Unmanned & Autonomous Systems (UAS) Sector, critical to Precision Agriculture.

The Training Academy has now been established and boasts the first and still only US Department of Labor approved UAS Registered Apprenticeship Program in the United States.

The Test Center has been approved by the FAA, with the first Test currently scheduled for February 27, 2020.

The Advanced Technology Center has negotiated a Federal Partnership Intermediary Agreement (PIA) with an FAA Lab; and we are in discussions with the Department of Energy about a PIA.

In establishing the Training Academy, Test Center, and Advanced Technology Center, time has been spent with a significant number of educational and workforce development partners, as well as with business and industry and the organizations that represent them. They include:

- Texas UASWERX; the nonprofit partner we are working with to establish the operations. We have met weekly with Russell Julian, the CEO, and in formal meetings with his team to coordinate our implementation on 10/7, 11/18, 12/5, 12/10, and 12/18.
- North Central Texas Council of Governments (NCT/COG); the NCT/COG has established a regional UAS Task Force and has committed to fully support our facilities and operations at the Mineral Wells Regional Airport. This includes securing \$800,000 from DoD to develop an Infrastructure Plan for Palo Pinto and Parker Counties, as the Airport is located in both counties. We met with NCT/COG to coordinate our work on 10/7, 10/8, 10/12, 10/30, 10/31, 12/3, and 12/13.
- North Central Texas Workforce Investment Board; David Setzer, Executive Director, and Brandi Harrison, Business Development Director, are working with us to ensure that we can provide a skilled, trained educated workforce in the region. Their board serves all 4 counties in the region. The Board has approved Agri-business as a demand occupation and are engaging regional Community Colleges as well. We met with David and Brandi to coordinate our work on 10/25 and 10/30. We co-hosted a meeting on 11/19, to introduce our Initiative to Community Colleges and regional business leaders.

- US Department of Labor; with Dudley Light, Regional Apprenticeship Director, who has assisted us in the development of the Registered Apprenticeship Program. We met 10/7 to discuss additional opportunities.
- Education Service Center Region Ten; The Education Service Centers in Texas serve Independent School Districts (ISDs) in their geographic service area, as well as supporting Community Colleges. Region 10 serves 10 counties. They are working with us to develop a Talent Pipeline Demonstration Model for Logistics, and Advanced Manufacturing; both critical to the companies we are working to recruit. We met 10/1 and 10/24 to plan a hosted meeting with their ISDs, conducted 11/7. We met in follow up on 11/14 and 12/19.
- Ft Worth ISD; Daphne Rickard, Executive Director, Career & Technical Education has a \$750,000 Grant from the Texas Education Agency to establish the role of ISDs in the UAS space. She has agreed to partner with us to expand the focus to higher education and the public workforce system. We have jointly established a Steering Committee that will focus on identifying all available teaching and training resources; identifying industry demand, both current and long term, and develop a plan to create what is needed. We have met in furtherance of this objective on 10/9, 10/24, 11/20, and 11/26.
- Texas State Technical College (TSTC); Kelly Filgo, Executive Director, Strategic Relations for the System, has agreed to work with us to engage TSTC. We met 10/1 to discuss and plan a presentation to the Systems leadership.
- Ranger College VP Dixon Bailey has committed the Stephenville Campus of Ranger College to support the UAS Training Academy and is working with us to provide training programs. We met on 10/23 to identify next steps and courses to be offered.
- Tarrant County College (TCC); I met with Jennifer Hawkins on 12/10 to request her support to involve TCC. She is setting up our next meeting with the System leadership.
- University of Texas at Arlington College of Engineering; on 12/19 I met with Dean Peter Crouch and his administrative staff to engage them in the training Academy. They expressed strong interest, and we are in ongoing discussions.
- University of Texas College of Business; I met on 11/1 with Dean Harry Dombroski, who expressed strong interest in providing academic support for entrepreneurship development, as well as research assistance. Our next step is meeting with his Associate Deans.
- TechLabs; is an organization that represents a significant number of nationally recognized industry certification providers, as well as companies that build industry training equipment. They have committed to support the establishment of the Training Academy and are engaging the entities they represent; I've met with them routinely, on a weekly basis.

Task 5 Accomplishments to date include: (1) First and only Registered Apprenticeship (RA) Program for Unmanned & Autonomous Systems Sector approved by Department of Labor; (2) initial cohort has completed the RA training; (3) North Central Texas Workforce Board approves Agribusiness as a demand occupational sector, enabling use of workforce funds and resources to support training; (4) Air Agency Certificate request sent to FAA to allow operations of the "ground school"; (5) "Urban Air Mobility" (UAM) Professional Certificate nearing completion; (6) facilities secured at Mineral Wells Regional Airport; (7) support secured from Texas National Guard, Academia and Aviation to utilize the Training Academy;

(8) FAA approval secured to test UAS up to 1,200 ; (9) FAA approval of the Test site as an “Alert Area” that will be depicted on January sectionals and airport facilities directories.

### **Q Report for January 1 – March 31, 2020:**

**(100% complete)** We have been working with the Mineral Wells Regional Airport, and UASWERX, a Texas non profit, to establish (1) an Unmanned & Autonomous Systems (UAS) Training Academy; (2) a UAS Test Center; and an Advanced Technology Center. Both facilities are focused on the Unmanned & Autonomous Systems (UAS) Sector, critical to Precision Agriculture.

The Training Academy has now been established; boasts the first and still only US Department of Labor approved UAS Registered Apprenticeship Program in the United States; and has conducted its first training cohort, with 25 enrolled, and 18 completing the training, with 74 FAA Licenses awarded.

The Test Center has been approved by the FAA, with the first Test conducted on February 27, 2020, by Cannard, a Spanish firm that develops UAS enabling technologies. The test attracted participation from organizations and colleges from Spain, Italy, France, Massachusetts, Washington,DC; Oklahoma, Utah, Florida, and Tennessee.

In establishing the Training Academy & Test Center, time has been spent with a significant number of educational and workforce development partners, as well as with business and industry and the organizations that represent them. Our partners include:

Texas UASWERX; the nonprofit partner we are working with to establish the operations. We have met weekly with Russell Julian, the CEO, and in formal meetings with his team to coordinate our implementation on

- North Central Texas Council of Governments (NCT/COG); the NCT/COG has established a regional UAS Task Force and has committed to fully support our facilities and operations at the Mineral Wells Regional Airport. This includes securing \$800,000 from DoD to develop an Infrastructure Plan for Palo Pinto and Parker Counties, as the Airport is located in both counties. We met with NCT/COG to coordinate our work on
- North Central Texas Workforce Investment Board; David Setzer, Executive Director, and Brandi Harrison, Business Development Director, are working with us to ensure that we can provide a skilled, trained educated workforce in the region. Their board serves all 4 counties in the region. The Board has approved Agri-business as a demand occupation and are engaging regional Community Colleges as well. We met with David and Brandi to coordinate our work on
- US Department of Labor; with Dudley Light, Regional Apprenticeship Director, who has assisted us in the development of the Registered Apprenticeship Program. We conferenced to discuss additional opportunities on
- Education Service Center Region Ten; The Education Service Centers in Texas serve Independent School Districts (ISDs) in their geographic service area, as well as supporting Community Colleges. Region 10 serves 10 counties in the Metroplex. Chris Grey, Karen Walker and Julie Anderson at Region 10 Education Service Center, supported by Eric Batten, who leads the Education Division of Texas Instruments, have been working with me to

establish a Talent Pipeline Demonstration Model, that will serve as a Model to provide Nationally Recognized Industry Certifications within High School Career & Technical Education (CTE) Programs, in critical demand occupations that support UAS specifically and the Bioeconomy in general.

We are launching an outreach in May to all of the 120 school districts in the Regions 10 County service area, proposing they launch the Talent Pipeline Demonstration Model, beginning with the 2020 fall semester.

- Ft Worth ISD; Daphne Rickard, Executive Director, Career & Technical Education has a \$750,000 Grant from the Texas Education Agency to establish the role of ISDs in the UAS space. She has partnered with us to expand the focus to include higher education and the public workforce system. We have jointly established a Steering Committee that will focus on identifying all available teaching and training resources; identifying industry demand, both current and long term, and develop a plan to create what is needed. We have met in furtherance of this objective. The committee met on \_\_\_\_\_. A roster of members is attached.
- Ranger College VP Dixon Bailey has committed the Stephenville Campus of Ranger College to support the UAS Training Academy and is working with us to provide training programs on their Campus at Stephenville. We met to identify next steps and courses to be offered. We have assisted Dixon in securing a JET Grant from the Texas Workforce Commission to purchase training equipment to support our identified demand occupational sectors.
- University of Texas at Arlington College of Engineering; I'm working with Dean Peter Crouch and his administrative staff to engage them in the training Academy. I'm also working with Yan Wan, Associate Professor, Electrical Engineering Department, who is working with us in support of the Test Center. She has 4 National Science Foundation Grants to develop UAS enabling technologies.
- University of Texas College of Business; I am working with Dean Harry Dombroski, who is providing academic support for entrepreneurship development, as well as research assistance.
- TechLabs; is an organization that represents a significant number of nationally recognized industry certification providers, as well as companies that build industry training equipment. They have committed to support the Training Academy and are engaging the entities they represent; I've met with them routinely, on a weekly basis.

Task 5 Accomplishments to date include: (1) First and only Registered Apprenticeship (RA) Program for Unmanned & Autonomous Systems Sector approved by Department of Labor; (2) initial cohort has completed the RA training; (3) North Central Texas Workforce Board approves Agribusiness as a demand occupational sector, enabling use of workforce funds and resources to support training; (4) Air Agency Certificate request sent to FAA to allow operations of the "ground school"; (5) "Urban Air Mobility" (UAM) Professional Certificate nearing completion; (6) facilities secured at Mineral Wells Regional Airport; (7) support secured from Texas National Guard, Academia and Aviation to utilize the Training Academy; (8) FAA approval secured to test UAS up to 1,200 ; (9) FAA approval of the Test site as an "Alert Area" that will be depicted on FAA sectionals and airport facilities directories; (10) First corporate test conducted on February 25.

### **Q Report for April 1 – June 30, 2020:**

**(100% complete)** We have worked with the Mineral Wells Regional Airport, and UASWERX, a Texas non-profit, to establish (1) an Unmanned & Autonomous Systems (UAS) Training Academy; and (2) a UAS Test Center. Both facilities are focused on the Unmanned & Autonomous Systems (UAS) Sector, critical to Precision Agriculture.

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In establishing the Training Academy & Test Center, time has been spent with a significant number of educational and workforce development partners, as well as with business and industry and the organizations that represent them. Our partners include:

- Texas UASWERX; the nonprofit partner we worked with to establish the operations. This quarter we met weekly with Russell Julian, the CEO, and in formal meetings with his team to coordinate our implementation 4/28, 6/3, 6/9, 6/23, 6/30.
- North Central Texas Council of Governments (NCT/COG); the NCT/COG has established a regional UAS Task Force and has committed to fully support our facilities and operations at the Mineral Wells Regional Airport. This includes securing \$800,000 from DoD to develop an Infrastructure Plan for Palo Pinto and Parker Counties, as the Airport is located in both counties. We met with NCT/COG to coordinate our work on 1/28, 2/4, 2/11, and 2/12.
- North Central Texas Workforce Investment Board; David Setzer, Executive Director, and Brandi Harrison, Business Development Director, are working with us to ensure that we can provide a skilled, trained educated workforce in the region. Their board serves all 4 counties in the region. The Board has approved Agri-business as a demand occupation and are engaging regional Community Colleges as well. We met with David and Brandi to coordinate our work on 6/3.
- US Department of Labor; with Dudley Light, Regional Apprenticeship Director, who has assisted us in the development of the Registered Apprenticeship Program. We conferenced to discuss additional opportunities on 4/2.
- Education Service Center Region Ten; The Education Service Centers in Texas serve Independent School Districts (ISDs) in their geographic service area, as well as supporting Community Colleges. Region 10 serves 10 counties in the Metroplex. Chris Grey, Karen Walker and Julie Anderson at Region 10 Education Service Center, supported by Eric Batten, who leads the Education Division of Texas Instruments, have been working with me to establish a Talent Pipeline Demonstration Model, that will serve as a Model to provide



Nationally Recognized Industry Certifications within High School Career & Technical Education (CTE) Programs, in critical demand occupations that support UAS specifically and the Bioeconomy in general. We met on 4/1 and 6/30.

We launched an outreach in May to all of the 120 school districts in the Regions 10 County service area, proposing they launch the Talent Pipeline Demonstration Model, beginning with the 2020 fall semester.

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- Ranger College VP Dixon Bailey has committed the Stephenville Campus of Ranger College to support the UAS Training Academy and is working with us to provide training programs on their Campus at Stephenville. We have identified next steps and courses to be offered. We have assisted Dixon in securing a JET Grant from the Texas Workforce Commission to purchase training equipment to support our identified demand occupational sectors.
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“Alert Area” that will be depicted on FAA sectionals and airport facilities directories; (10)  
First corporate test conducted on February 25.