RER/CHW
06/21/12
Item No. 58

AN ORDINANCE 2012-06-21-0512

ADOPTING THE ALAMO AREA COUNCIL OF GOVERNMENTS REGIONAL HAZARD MITIGATION PLAN, WHICH IS DESIGNED TO PROTECT PEOPLE AND PROPERTY FROM THE EFFECTS OF NATURAL AND HUMAN-CAUSED HAZARDS.

* * * * * * * * * * * *

WHEREAS, in order to obtain full approval from the Texas Department of Emergency Management (TDEM) and the Federal Emergency Management Agency (FEMA) to apply for and receive federal hazard mitigation grant funding, applicants are required to have adopted a hazard mitigation plan that has been approved by FEMA; and

WHEREAS, hazard mitigation is the effort to counter the effects of natural and human-caused hazards to both people and property, and that effort requires taking advantage of all available financial resources; and

WHEREAS, the Alamo Area Council of Governments (AACOG) has worked with participating jurisdictions to develop a Regional Multi-Hazard Mitigation Plan (RMHMP); and

WHEREAS, adopting the AACOG RMHMP will satisfy the requirement that a FEMA-approved mitigation plan be in place at the time the aforementioned grant funding is applied for; **NOW THEREFORE:**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. The Alamo Area Council of Governments Regional Multi-Hazard Mitigation Plan is hereby adopted. A copy of said plan is filed in the Office of the City Clerk.

SECTION 2. This Ordinance is effective immediately upon the receipt of eight affirmative votes; otherwise, it is effective ten days after passage.

PASSED AND APPROVED this 21st day of June, 2012.

M A Y O R
Julián Castro

ATTEST:

Leticia M. Vacek, City Clerk

APPROVED AS TO FORM:

Michael D. Bernard, City Attorney



Agenda Voting Results - 58

Name:	5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25A, 25B, 26, 27, 28, 30, 31, 32A, 32B, 32C, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 46, 48, 49, 50, 51, 52, 53, 54, 56, 57, 58, 59, 60, 62, 63, 65A, 65B
Date:	06/21/2012
Time:	10:01:34 AM
Vote Type:	Motion to Approve
Description:	An Ordinance adopting the Alamo Area Council of Governments Regional Hazard Mitigation Plan which is designed to protect people and property from the effects of natural and human-caused hazards. [Erik J. Walsh, Deputy City Manager; Charles N. Hood, Fire Chief]
Result:	Passed

Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Julián Castro	Mayor		x				
Diego Bernal	District 1		x				
Ivy R. Taylor	District 2		x			x	
Leticia Ozuna	District 3	x					
Rey Saldaña	District 4		x				
David Medina Jr.	District 5		x				
Ray Lopez	District 6		x				x
Cris Medina	District 7		x				
W. Reed Williams	District 8		x				
Elisa Chan	District 9		x				
Carlton Soules	District 10		x				

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Section 2
Executive Summary

Contents of this Section

2.1 Overview
2.2 Organization of the Plan
2.3 Hazards and Risks
2.4 Goals and Actions
2.5 Planning Process
2.6 Adoption and Approval
2.7 Implementation
2.8 Monitoring and Updating the Plan

2.1 Overview

On October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000, also known as DMA 2000. Among its other features, DMA 2000 established a requirement that in order to remain eligible for federal disaster assistance and grant funds, local and state governments must develop and adopt hazard mitigation plans. DMA-2000 (Public Law 106-390) was an amendment of the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988 (Public Law 93-288). On February 26, 2002, the Federal Emergency Management Agency (FEMA) published an Interim Final Rule (IFR) that set forth the guidance and regulations under which such plans are supposed to be developed. The IFR provides detailed descriptions of both the planning process that states and localities are required to observe and the contents of the plan that emerges. This Alamo Area Council of Governments Regional Hazard Mitigation Plan (the Plan) responds to those requirements.

Hazard mitigation is often defined as actions taken to reduce the effects of natural hazards on a place and its population. The AACOG Region decided to develop this Plan Update because of increasing awareness that natural hazards, especially flood and wind, have the potential to affect people, physical assets, and operations in the region.

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EXECUTIVE SUMMARY

The Alamo Area Council of Governments Regional Hazard Mitigation Plan is designed to protect people and property from the effects of natural and human-caused hazards. By taking action today, we can reduce the likelihood of injuries, loss of life and damage to our communities. That is what hazard mitigation planning is all about - taking action based on a solid understanding of our vulnerabilities to reduce the impacts of hazards that may strike sometime in the future. In addition to developing a framework for action, the Regional Mitigation Plan enables participating counties and municipalities to apply for pre and post-disaster mitigation funding that would not otherwise be available. This funding can help local jurisdictions implement desired goals and objectives outlined in the plan.

Participants in the AACOG regional planning process formulated the following guiding principles, which categorize the types of mitigation strategies ultimately adopted at the local level.

- **Communication and Coordination**
- **Financial Resources**
- **Technical Assistance**
- **Training**
- **Planning**
- **Education and Public Participation**
- **Critical Facilities**
- **Infrastructure and Utilities**
- **Weather Warning Systems and Hazard identification Technologies**
- **Environmental Concerns**

For each principle, regional-level goals were established along with more refined objectives. Each county and municipality was responsible for developing their own Mitigation Action Plan, which identified jurisdictionally-specific actions, written in the form of policies and projects. Each Mitigation Action Plan includes assigned responsibilities, potential funding sources and a timeline for implementation. Action plans link the broad ideas established in the AACOG Regional Mitigation Plan with strategic, action-oriented tasks.

This publication constitutes the Hazard Mitigation Plan, including instructions for its implementation, for the Alamo Area Council of Governments, the counties, and the incorporated communities within its borders, including:

- Atascosa County
    - City of Charlotte
    - City of Christine
    - City of Jourdanton
    - City of Lytle
    - City of Pleasanton
    - City of Poteet
- Bandera County
    - City of Bandera
- Bexar County
    - City of Alamo Heights
    - City of Balcones Heights
    - City of Converse
    - City of Helotes
    - City of Kirby

  - City of Leon Valley
  - City of Live Oak
  - City of St. Hedwig
  - City of San Antonio
  - City of Somerset
  - City of Terrell Hills
  - City of Universal City
  - City of Von Ormy
  - City of Windcerst
- Comal County
  - City of Bulverde
  - City of Garden Ridge
  - City of New Braunfels
- Frio County
  - City of Dilley
  - City of Pearsall
- Gillespie County
  - City of Fredericksburg
- Guadalupe County
  - City of Cibolo
  - City of Schertz
  - City of Seguin
- Karnes County
  - City of Falls City
  - City of Karnes City
  - City of Kenedy
  - City of Runge
- Kerr County
  - City of Ingram
  - City of Kerrville
- Medina County
  - City of Castroville
  - City of Devine
  - City of Hondo
  - City of Natalia
- Wilson County
  - City of Floresville
  - City of La Vernia
  - City of Stockdale
- San Antonio River Authority

The above list represents a change from the participants in the 2005 Plan. The table below identifies those 2005 participants who choose not to participate in the Update, as well as new participants to the Update.

Table 2.1-1
Changes in Participants Between 2005 and 2012 Plans

2005 Participants Not Participating in Update	New Participants to the Update
City of China Grove (Bexar County)	City of St. Hedwig (Bexar County)
City of Castle Hills (Bexar County)	City of Von Ormy (Bexar County)
City of Fair Oaks Ranch (Bexar County	City of Cibolo (Guadalupe County)
City of Grey Forest (Bexar County)	
City of Hill Country Village (Bexar County)	
City of Hollywood Park (Bexar County)	
City of Olmos Park (Bexar County)	
City of Selma (Bexar County)	
City of Shavano Park (Bexar County)	
Goliad County	
City of Goliad (Goliad County)	
City of Lacoste (Medina County)	
City of Poth (Wilson County)	
City of Marion (Guadalupe County)	
City of New Berlin (Guadalupe County)	
City of Staples (Guadalupe County)	

The continually changing nature of hazard risks within the region requires that updates to this plan occur on a regular basis.

Hazardous conditions and situations exist in all communities, and the planning area is no exception. Hazards range from natural hazards such as tornadoes and drought to technological hazards such as chemical spills and traffic congestion. Ordinary citizens generally give little thought to these potential hazards until they occur or threaten the community. The Alamo Area Council of Governments, along with the county emergency managers, have the responsibility to identify real and potential hazards and, to the extent possible, prepare plans for coping when they occur.

County and municipal government response to life-threatening hazards requires continuous planning, training and education, all of which may be coordinated through the AACOG. This Hazard Mitigation Plan Update identifies hazards affecting the region, its counties and municipalities, and recommends actions to prevent or limit loss of life, injury, and property damage due to those hazards.

In the early stages of the development of this Plan Update, the previous plan was reviewed and the information in it considered by the participants in the Plan Update process. The first step in this update process was the review and consideration of the hazards identified and profiled in the 2005 plan. These hazards were considered by the Plan update participants, and their applicability to the current plan update was considered. After discussion, 14 hazards were identified for inclusion in this Plan Update; some of these hazards were also considered in the 2005 plan, and some are new to this Plan Update.

This Plan Update focuses on 14 region-wide hazards with the highest potential for damaging physical assets, people, and operations in the AACOG Region. These hazards are:

Flooding (Flash and Riverine)
Levee and Dam Failure
Tornado
Tropical Systems and Hurricanes
Thunderstorm
Drought
Hail
Wildfire
Winter Storms
Geologic Hazards: Earthquakes and Sinkholes
Energy Pipeline Failure
Hazardous Materials Incident (Transportation and Fixed Site)
Pandemic (Human and Animal)
Terrorism

Both the risk assessment and mitigation action plan sections reflect this emphasis, which was the result of careful consideration by AACOG Executive Mitigation Committee (EMC).

Emergency mitigation and response actions are designed for every person in the region who might be affected by an emergency. These services will be provided regardless of race, color, national origin, religion, sex, age, or handicap.

The situations addressed by this plan are those in which the actions of many different agencies must be coordinated. This major coordination effort, being oriented toward disaster situations, differs from those emergencies handled on a daily basis by local fire, law enforcement, and medical services personnel.

The AACOG Region is subject to a number of natural and man-made hazards that threaten life and health and cause extensive property damage. To better understand these hazards and their impacts on people and property, and to identify ways to reduce those impacts, the AACOG has developed this Hazard Mitigation Plan.

“Hazard mitigation” does not mean that all hazards are stopped or prevented. It does not suggest complete elimination of the damage or disruption caused by such incidents. Natural forces are powerful and most natural hazards are well beyond human control. Similarly, man-made hazards are often unpredictable. Mitigation is not a quick fix, but rather a long-term approach for reducing vulnerability. As defined by the Federal Emergency Management Agency (FEMA), “hazard mitigation” is any sustained action or strategy taken to reduce or eliminate long-term risk to life and property from a hazard event.

Planning is one of the best ways to spot vulnerabilities and produce strategies to correct shortcomings in the region’s approach to hazard response and preparation. A well-prepared plan will ensure that actions and strategies are reviewed and implemented so that problems are addressed by the most appropriate and efficient solutions. It can also ensure that activities are coordinated with each other and with other regional programs, preventing conflicts and reducing the costs of implementing individual activities.

2.2 Organization of the Plan

The AACOG Regional Hazard Mitigation Plan generally conforms to the basic plan set forth in Federal Emergency Management Agency guidelines for the Disaster Mitigation Act of 2000. The Plan is organized to parallel the structure provided in the IFR. The Plan has 9 sections.

Section 1	Table of Contents
Section 2	Executive Summary
Section 3	Context
Section 4	Adoption and Approval
Section 5	Planning Process
Section 6	Hazard Identification and Risk Assessment
Section 7	Capability Assessment
Section 8	Mitigation Action Plan
Section 9	Plan Monitoring and Maintenance
Appendices	

There are references to the IFR throughout the Plan. Where possible, these provide specific section and subsection notations to aid the review process. The Plan also includes references to the FEMA crosswalk document, which is used in reviewing mitigation plans.

2.3 Hazards and Risks

2.3.1 Hazards

Section 6 of this Plan include detailed descriptions of the process that was used to assess and prioritize the region's risks from natural hazards, quantitative risk assessments for the AACOG as a whole, and more detailed assessments for certain asset classes. Fourteen hazards were initially identified and profiled by the AACOG EMC. These are:

- Flooding (Flash and Riverine)
- Levee and Dam Failure
- Tornado
- Tropical Systems and Hurricanes
- Thunderstorm
- Drought
- Hail
- Wildfire
- Winter Storms
- Geologic Hazards: Earthquakes and Sinkholes
- Energy Pipeline Failure
- Hazardous Materials (Transportation and Fixed Site)
- Pandemic (Human and Animal)
- Terrorism

After these initial 14 hazards were profiled, the AACOG EMC used an evaluation system with five criteria to reduce the range of hazards to those with the most potential to impact the planning area. The criteria are also discussed in detail in Section 6. The criteria included: (1) History, (2) Potential for mitigation, (3) Presence of susceptible areas, (4) Data availability, (5) Federal Disaster Declarations and local emergency declarations. Where available and applicable, data from the 2005 plan's hazard profiles and risk assessment was considered in the Plan Update process. In some instances, the existing data was used as a starting point, with updated data added as required and applicable.

As a result of this evaluation, the AACOG EMC determined that 5 hazards present the greatest risk to the AACOG Region and its residents – flooding (flash and riverine), flooding (dam/levee failure), tropical system/hurricane, wildfire, and earthquake/sinkhole. These hazards were further examined to determine the extent of the risk and to start to identify potential projects.

For each of these hazards, the profiles in Section 6 include:

- Description
- Geographical Extent
- Severity
- Impact on Life and Property
- Occurrence (probability)

2.3.2 Risks

A risk calculation is a FEMA requirement. Risk is a numerical indication of potential future damages. Although a range of events from winter weather to hurricanes all have some potential to affect the AACOG Region, flooding and severe storms are clearly the most significant region-wide hazards, based on the criteria and experience.

The region-wide hazards were selected for much more detailed assessments and estimations of future damages. The risk assessment found in Section 6 describes and analyzes the risks and vulnerabilities to the AACOG Region from the hazards profiles. The assessment includes a vulnerability description and information as to the identified risk to public and private assets (where applicable).

The AAGOC Executive Mitigation Committee (EMC) conducted a risk assessment exercise to determine the vulnerabilities to assets within the planning area. The exercise was conducted at an EMC meeting. The updated hazard profiles were used as the basis to determine the vulnerability of and risk to assets within the region.

Prioritizing the potential impacts of hazards on regional assets was based on both a quantitative and a qualitative analysis of the identified hazards. This allowed the EMC to focus planning effort on the hazards most likely to cause future impacts to the community. The EMC used historical data, local knowledge and experience to rate the exposure, probability and impact of each of these hazards. Each hazard identified and profiled received a qualitative risk assessment. The anticipated impact of the hazards was then assigned a value of Low, Moderate or High. Table 2.3.2-1 describes the definitions assigned to these terms.

Table 2.3.2-1
Definitions of Risk Assessment Impact Terminology for Qualitative Risk Assessment

Term	Potential Impact to People (Life Safety/Livelihood)	Potential Impact to Buildings/Critical Facilities	Potential Impact to Infrastructure
Low	Some injuries possible but unlikely	Cosmetic damages to structures Loss of Function for less than 1 day	Some roads/bridges temporarily blocked Temporary power loss
Moderate	Injuries expected, some deaths possible	Some structural damages Loss of Function for 1-2 days	Road/bridge closures Power and utility loss
High	Several deaths expected	Some structures irreparably damaged Loss of Function for 3-5 days	Long-term road/bridge closures Long-term power and utility loss

These ratings were then used to determine the qualitative ranking of the hazards, the regional risk of exposure to the hazard, the probability of the hazard occurring and the potential impact of that hazard to the AACOG region or any one of its counties including the San Antonio River Authority (SARA).

Where applicable, data from the 2005 Plan's risk assessment was used as a starting point for the risk assessment found in this Plan Update. Some of this data was refined throughout the Plan Update process; new data was added to or inserted where applicable. Section 7 includes details about calculation methodologies and results of the region-wide risk assessment.

2.4 Goals and Actions

Section 8 of this Plan describes the AACOG Region's priorities for mitigation actions. The section divides the actions by priority, and describes the funding required, sources of funding, the level of support, and the timing of the action. The section also includes the AACOG region's hazard mitigation goals and objectives.

As part of the Plan Update process, the goals and actions described in the 2005 Plan were reviewed and considered. These previous goals were considered and refined. Where applicable, these previous actions were updated. New actions were developed in response to the updated hazard and risk data developed as a result of the Plan Update process.

2.4.1 Planning Area Hazard Mitigation Goals

Goals are general guidelines that explain what the region wants to achieve. Goals are expressed as broad policy statements representing desired long-term results. The AACOG region's mitigation planning goals include:

1. Increase regional emergency preparedness, response and recovery capability.
2. Build capacity for hazard mitigation at the county and municipal levels through technical and financial assistance programs.

3. Reduce the impact of natural disasters on populations and private property.
4. Identify, introduce and implement programs designed to raise awareness and acceptance of the principles of hazard mitigation.

Please refer to Section 8 for more information on the new and updated goals for the AACOG Regional Hazard Mitigation Plan.

2.4.2 Actions

Action Items are the specific steps (projects, policies, and programs) that advance a given goal. They are highly focused, specific, and measurable. The AACOG Region's mitigation actions include, but are not limited to:

- Develop and implement community education and outreach programs to address all-hazards
- Ensure emergency communication capability during hazard events
- Design and implement projects to address flooding and drainage issues
- Ensure emergency notification systems are in place and effective

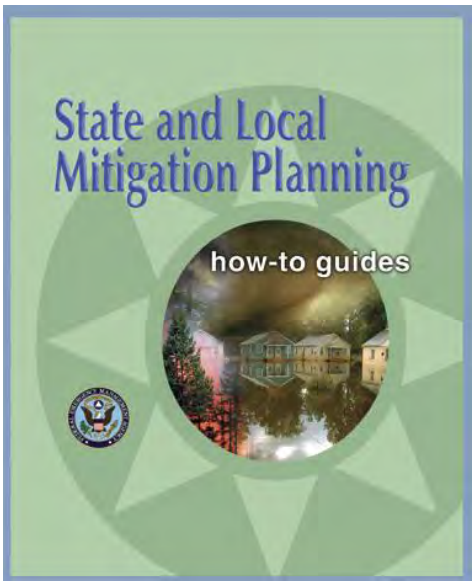
Where applicable, county/municipality-specific mitigation actions are included with attention paid to facility identification.

The above list is intended to be illustrative of the overall action items, rather than an exhaustive list. Please refer to Section 8 for more information on county/municipality specific mitigation actions, both new and updated.

2.5 Planning Process

Section 5 provides details about the process that was used to develop this Plan. The process closely followed the guidance in the FEMA *386* series of planning guidance, which recommend a four-stage process for developing mitigation plans.

- Step 1 Organize resources
- Step 2 Assess risks
- Step 3 Develop a mitigation plan
- Step 4 Implement the plan and monitor progress



Step 1, organizing resources, is described in Section 5 (Planning Process). The section includes details about who was involved, the processes that were used to establish leadership and advisory groups, and public and other outreach and involvement efforts.

Step 2, the risk assessment, was completed by the AACOG EMC. The Hazard Identification and Risk Assessment is included as Section 6 of the Plan.

Step 3, development of the Mitigation Plan is described in Section 5 (Planning Process) and Section 8 (Mitigation Action Plan). Section 5

includes details about who was involved, the processes that were used, and the products that were developed. Section 8 includes specific details about the identification and development of mitigation goals, objectives, and actions based upon Section 6 (Hazard Identification and Risk Assessment) and Section 7 (Capability Assessment).

Step 4, implementing the Plan, is described in the Mitigation Action Plan in Section 8, which includes details about who is responsible for implementation of specific strategies and actions; and in Section 9, the Plan Monitoring and Maintenance section, which describes long-term implementation through periodic updates and reviews.

2.6 Adoption and Approval

NOTE TO REVIEWERS: Dates will be added after approval.

The Alamo Area Council of Governments, with the endorsement of the EMC, was responsible for recommending plan approval. Consistent with that recommendation, the Alamo Area Council of Governments approved this Hazard Mitigation Plan on [Insert DATE]. Following adoption, the Plan was submitted to FEMA Region VI. FEMA reviewed and approved the Plan on [Insert DATE]. Subsequently, the participating counties and municipalities also adopted the Plan, submitted their adoption resolutions to AACOG, and received their own approval notifications (see Appendices C and D).

2.7 Implementation

The implementation process is described as part of the specific actions in the Mitigation Action Plan in Section 8.

2.8 Monitoring and Updating the Plan

Prior to completion of the Plan Update process, the monitoring and maintenance process described in the 2005 Plan was evaluated by the participating jurisdictions. It was determined that the process must be refined, to allow for ease of separation of monitoring and maintenance responsibilities during the next Plan Update. Section 9 (Plan Monitoring and Maintenance) describes the schedule and procedures for ensuring that the Plan stays current. The section identifies when the Plan must be updated, who is responsible for monitoring the Plan, and ensuring that the update procedures are implemented. This section provides a combination of cyclical dates (oriented toward FEMA requirements) and triggering events that will initiate amendments and updates to the Plan. The Alamo Area Council of Governments is responsible for monitoring the Plan and initiating the cyclical update process. The point of contact at AACOG is:

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Section 3
Context

Contents of this Section

3.1 Introduction
3.2 Geography, Climate, and Population of the Planning Area
- 3.2.1 Geography
- 3.2.2 Climate
- 3.2.3 Population
- 3.2.4 Economics
- 3.2.5 Community Assets
- 3.2.6 Special Considerations Community
- 3.2.7 Land Use
- 3.2.8 Forms of Government

3.3 The State of Texas Hazard Mitigation Plan
3.4 Federal Planning Requirements
- 3.4.1 Grant Program Eligibility
- 3.5.1 Planning Process Requirements

3.5 Key Terms

3.1 Introduction

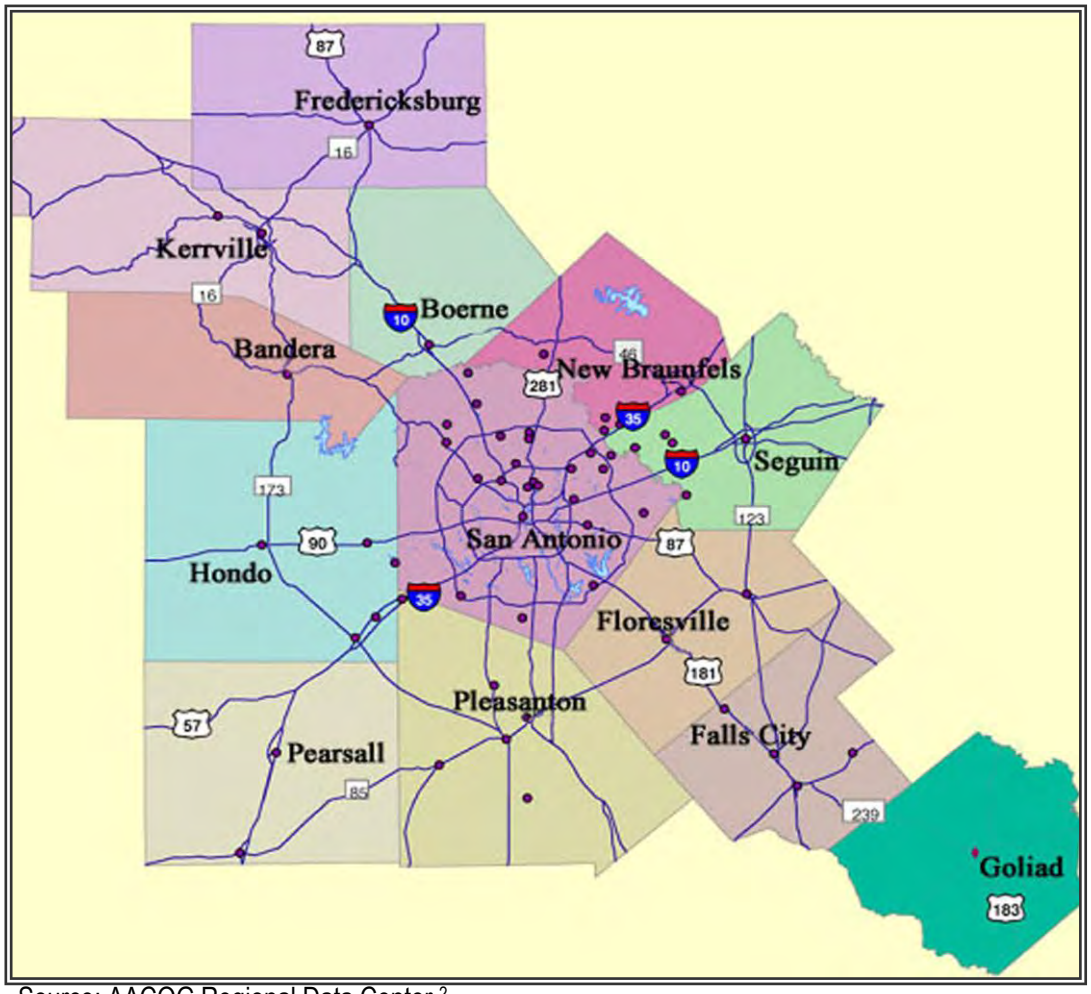
The recommendations in the AACOG Regional Hazard Mitigation Plan are based in large part on identification of past and potential problems due to natural and man-made hazards. As part of the process of identifying potential hazards, it is useful to understand the physical characteristics of the region. It is also important to understand any related planning efforts by the Texas Division of Emergency Management, as well as requirements of the federal government regarding hazard mitigation plans. In addition, this section provides definitions for key terms used throughout the Plan.

This section includes the most recent data available regarding characteristics of the planning area, its counties and municipalities, and includes:

- Area mapping
- Updated population data
- Updated employment data
- Updated agricultural data
- Updated race-language data
- Updated education-disability data

The 13-county planning area[1] that comprises the official AACOG region is rich with history and tradition, with the growing metropolis of San Antonio at its heart. The Alamo Region is proximal to the major Texas population centers and over two-thirds of the trade between the United States and Mexico moves through the area on its many interstate highways.

Figure 3.1-1
AACOG Member Area



Source: AACOG Regional Data Center.[2]

[1] Kendall County and municipalities therein are included in a different hazard mitigation plan, though they are geographically located within the AACOG region. One other county and municipality, Goliad, is also not included, as are various municipalities in Bexar, Medina, and Wilson counties.
[2] Points denote surrounding communities.

Table 3.1-1
Land Area of Counties in the AACOG Plan Update

County	Land Area (Square Miles)	County	Land Area (Square Miles)
Atascosa	1,232.2	Guadalupe	711.2
Bandera	791.8	Karnes	750.3
Bexar	1,246.9	Kerr	1,106.3
Comal	561.5	Medina	1,327.9
Frio	1,133.1	Wilson	807.2
Gillespie	1,061.2	**Total Land Area**	**10,7296**

Source: Texas Almanac.

3.2 Geography, Climate, and Population of Alamo Area Region

3.2.1 Geography

The Alamo Region covers over 10,000 square miles centered around the City of San Antonio, where the Hill Country meets the Gulf Coastal Plain. The physical environment across the region changes from rolling prairie to wooded, rugged limestone hills, to shrubby coastal plain.

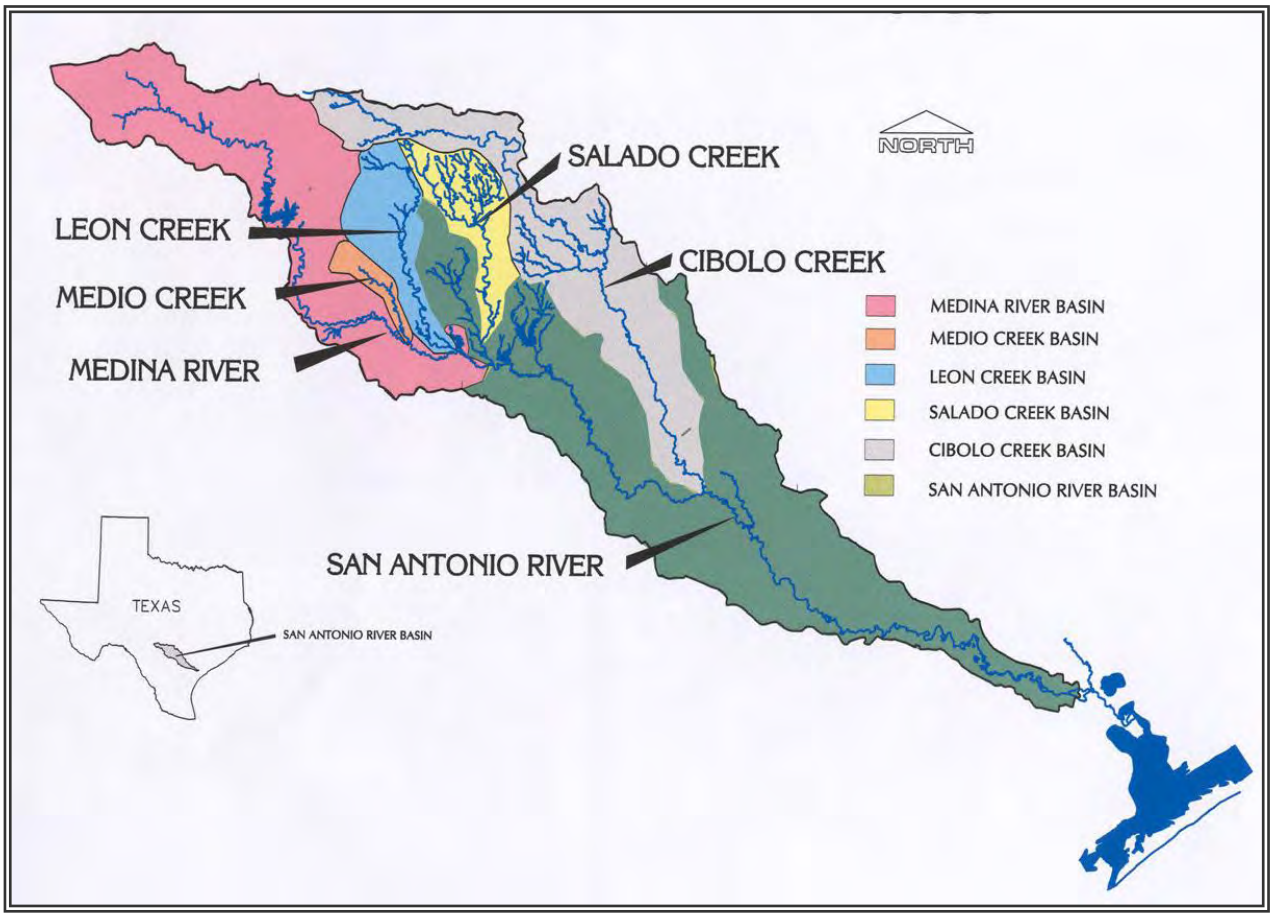
Rainfall in the area averages 30 to 40 inches annually, replenishing many lakes, springs and creeks as well as the rivers. Rain is also absorbed into the Edwards, Carrizo-Wilcox, and Gulf Coast aquifers; and into the Trinity Group of aquifers.

Texas has more inland water than any other state, and the AACOG planning area is no exception. More than 50 bridges span the San Antonio River as it meanders through the heart of San Antonio. In 1939, the downtown stretch was made into a pedestrian river walk, called the Paseo del Rio, by the Work Projects Administration. Today it is still one of San Antonio's principal attractions.

The Comal River, said to be the shortest river in the United States, rises from large springs in New Braunfels, a popular site for recreation and tubing. Artificially created lakes such as Canyon Lake and Medina Lake provided an economic boost for the region from real estate, irrigation and recreation opportunities.

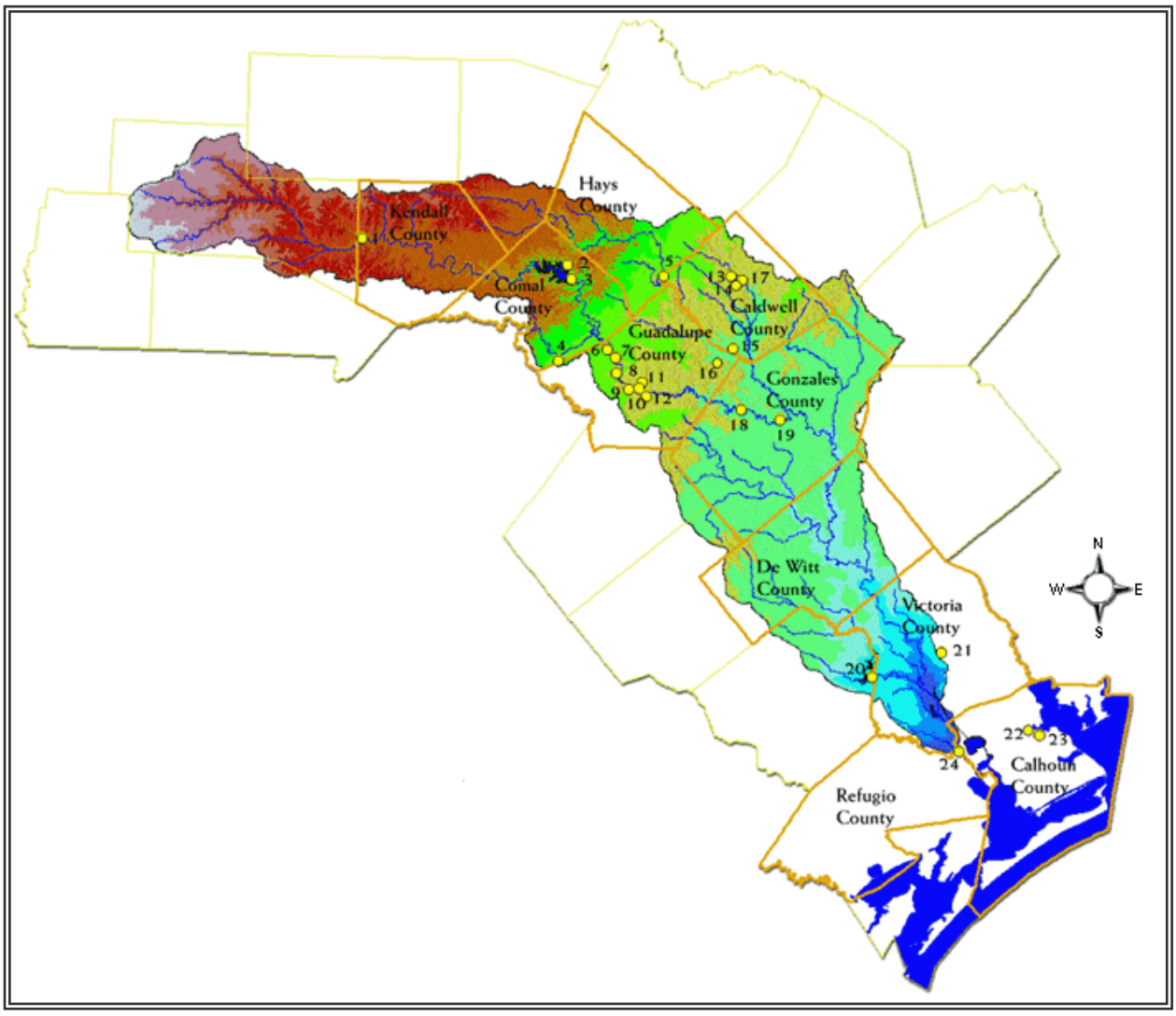
The following figures show the river basins and watersheds of the area. The following tables list the major rivers and tributaries, lakes and reservoirs, and major dams in the area.

Figure 3.2.1-1
San Antonio River Basin Watersheds Map



Source: San Antonio River Authority.

Figure 3.2.1-2
Guadalupe River Basin Map



Source: Guadalupe-Blanco River Authority.

Table 3.2.1-1
Major Rivers and Tributaries in the Planning Area

Name	Total Length (Miles)	Total Drainage Area (Square Miles)	Counties
Guadalupe River	230	6,070	Comal, Guadalupe, Kendall, Kerr
Frio River	200	7,310	Frio, Medina
San Antonio River	180	1,336	Bexar, Karnes, Wilson
Medina River	116	N/A	Bandera, Bexar, Medina
Pedernales River	106	N/A	Gillespie
Cibolo Creek	100	854	Bexar, Comal, Guadalupe, Karnes, Wilson
Atascosa River	92	N/A	Atascosa
Leona River	83	N/A	Frio
San Marcos River	75	838	Guadalupe
Sabinal River	60	241	Bandera
Comal River	2.5	130	Comal
Arroyo Seco	N/A	N/A	Bexar

Source: Handbook of Texas Online, Texas State Historical Association and USGS.

Table 3.2.1-2
Major Lakes and Reservoirs in the Planning Area

Name	Surface Area (Acres)	Storage Capacity (Acre-Feet)	River or Creek	Counties
Canyon Lake	8,240	386,200	Guadalupe River	Comal
Medina Lake	5,575	254,000	Medina River	Bandera, Medina
Calaveras Lake	3,624	63,200	Calaveras Creek	Bexar
Victor Braunig Lake	1,350	26,500	Arroyo Seco	Bexar
Dunlap Lake	410	5,900	Guadalupe River	Guadalupe
Lake McQueeney	396	5,000	Guadalupe River	Guadalupe
Lake Placid	248	2,624	Guadalupe River	Guadalupe

Source: Texas Almanac.

Table 3.2.1-3
Major Dams in the Planning Area

Name	Built	Owner	Discharge Capacity (cfs)
Medina Dam	1913	BMA Water Improvement District No. 1	658,346
Canyon Dam	1964	US Army Corps of Engineers	502,800
Calaveras Creek Dam	1969	City of San Antonio	129,914
Coleto Creek Dam	1980	Guadalupe-Blanco River Authority	117,240
Victor Braunig Plan Dam	1962	City of San Antonio	16,944
TP-1 Dam (Dunlap Lake)	1928	Guadalupe-Blanco River Authority	N/A
Lake Placid Dam	1964	Guadalupe-Blanco River Authority	N/A
Abbot Dam (McQueeney Lake)	1928	John A. Abbott	N/A

Source: National Inventory of Dams.

3.2.2 Climate

With its location on the northwest edge of the Gulf Coastal Plain, San Antonio experiences a modified subtropical climate. The average monthly temperatures range from the 50s in winter to 80s in summer. Elevation varies from near 550 feet to near and above 1000 feet above sea level.

During winter the area is alternately influenced by a continental climate, when winds blow from the north and west and by a modified maritime climate, when south and southeast winds blow from the Gulf of Mexico. Mild weather prevails during most of the winter. Below freezing temperatures occur on average about 20 days each year. When strong cold fronts do occur, they block any moderating effects from the Gulf of Mexico. The coldest winters overall have come from those winters of frequent cold fronts, accompanied by mostly cloudy weather regimes. The coldest low of record was 0 on January 31, 1949. Although daytime highs are restrained in cloudy winters, overnight lows can be potentially higher, sometimes preventing the area from having much colder minimums that come under clear skies. During sunny winters, the South Texas sun warms daytime temperatures to pleasant levels, while nights are cooler. Daily temperature variations can be as much as 40 to 50 degrees. Very warm days occur when dry west winds in a mild air mass allow winter temperatures to climb to spring or summerlike levels, such as 90° on December 25, 1955; 89° on January 30, 1971; 100° on February 21, 1996 and March 6, 1991.

During the summer the climate becomes more tropical like with prevailing south and southeast winds. The moderating effects of the Gulf of Mexico prevent extremely high temperatures; however, summers are usually long and hot with daily maximum temperatures above 90° over 80% of the time. In many years summer conditions continue into September and sometimes even to October. The highest of record was 111° September 5, 2000. when dry conditions occurred and the area was blocked off from the moderating south and southeast Gulf winds. Occasionally, cool fronts may move through the area, dropping overnight lows into the 50s and 60s; however, the cooling is brief, and in a day or two the minimum temperatures are back to the 70s. If the drier air with these fronts has lost all of its cool properties, daytime highs have risen above normal, as the moderating affects of the Gulf of Mexico are blocked. Although July and August can have limiting rain, sometimes rather heavy rain events can come in July and August, especially with the remnants of tropical storms or stalled out cool fronts.

3.2.3 Population

San Antonio is the ninth largest city in the United States, and the region is projected to grow by over a million by 2040. Population and demographics are key considerations for mitigation planning and preparedness education. In 2009, the 11 counties in this Plan had a population of 3,190,764 in over 10,000 square miles. Bexar and Guadalupe are the most populous counties, and San Antonio and New Braunfels are the most populous cities. Medina County is the largest in the area, covering 1,327 square miles. The City of Pearsall and Frio County have the largest percentage of non-English speaking population. The City of Charlotte and Atascosa County have the largest percentage of race that is neither white nor black. The City of Ingram and Kerr County have the largest percentage of population with a disability. The City of Poteet and Frio County have the smallest percentage of high school graduates.

The Alamo region's population rose by an estimated 16.5 percent from 2000 to 2008. The San Antonio Metropolitan Statistical Area (MSA) population increased by 18.7 percent during this period and accounted for 97.2 percent of the region's growth. Population in Regional non-metro counties rose by 38%. Table 3.2.3-1 shows the US Census Bureau July 1, 2009 estimated population for cities, by county.

As shown in Table 3.2.3-1 the total population of the AACOG region is expected to grow by about 1.2 million people by the year 2040. This means that not only will resources continue to diminish, but exposure to hazards and monetary damages due to hazard events will also continue to increase over the years. Adopting the Mitigation Action Plan will allow jurisdictions to be proactive in dealing with current and future hazard events. Additional tables provide detailed information regarding population and demographics.

Table 3.2.3-1
AACOG Population Growth Projection (%)

Year	Anglo	Black	Hispanic	Other
2000	42.5	6.1	49.5	1.9
2009 Estimate	38.0	6.5	52.8	2.7

(Assuming Rates of Zero Net Migration (0.0 Scenario))

Year	Anglo	Black	Hispanic	Other
2010	38.7	6.0	53.0	2.3
2020	35.4	5.9	56.0	2.7
2030	32.4	5.7	58.7	3.2
2040	29.7	5.5	61.1	3.7

(Assuming Rates of Net Migration equal to One-Half of 1990-2000 (0.5 Scenario))

Year	Anglo	Black	Hispanic	Other
2010	38.7	6.0	53.0	2.3
2020	35.4	5.9	56.0	2.7
2030	32.4	5.7	58.7	3.2
2040	29.7	5.5	61.1	3.7

(Assuming Rates of Net Migration equal to 1990-2000 (1.0 Scenario))

Year	Anglo	Black	Hispanic	Other
2010	38.0	6.0	53.2	2.8
2020	34.3	5.8	55.9	4.0
2030	31.0	5.6	57.7	5.7
2040	27.9	5.2	58.8	8.1

Source: Texas State Data Center.

Table 3.2.3-2
2000/2009 Population and Population Projections Through 2040

County	Community	Population				
		2000	2009	2020	2030	2040
Atascosa	Atascosa County	38,628	44,633	43,609	44,989	45,468
	Charlotte	1,637	1,811	1,895	2,010	2,101
	Christine*	436	500	436	436	436
	Jourdanton	3,732	4,390	4,549	4,914	5,201
	Lytle	2,383	2,895	2,620	2,726	2,810
	Pleasanton	8,266	9,778	9,205	9,624	9,953
	Poteet	3,305	3,687	3,463	3,534	3,589
Bandera	Bandera County	15,004	20,560	17,373	16,767	16,045
	Bandera	957	1,216	1,179	1,307	1,411
Bexar	Bexar County	1,392,931	1,651,448	1,857,745	2,059,112	2,222,887
	Alamo Heights	7,319	7,477	8,039	8,148	8,239
	Balcones Heights	3,016	3,008	3,670	3,909	4,154
	Converse	11,508	18,110	19,445	23,204	26,132
	Grey Forest*	418	446	418	418	418
	Helotes	4,285	7,960	11,812	14,808	17,244
	Kirby	8,673	8,695	9,437	9,768	10,037
	Leon Valley	9,239	11,020	9,329	9,456	9,583
	Live Oak	9,156	8,695	10,126	10,611	11,096
	San Antonio	1,144,646	1,272,688	1,552,538	1,729,245	1,872,964
	Somerset	1,550	1,868	2,443	2,830	3,145
	Terrell Hills	5,019	5,287	5,959	6,366	6,697
	Universal City	14,849	18,150	19,722	21,970	21,970
	Windcrest	5,105	5,446	5,181	5,218	5,256
Comal	Comal County	78,021	114,525	82,649	83,194	82,499
	Bulverde	3,761	4,847	13,649	19,968	26,156
	Garden Ridge	1,882	3,397	3,017	3,743	4,454
	New Braunfels	36,494	55,867	60,186	75,239	90,002
Frio	Frio County	16,252	16,156	19,432	20,977	22,482
	Dilley	3,674	3,607	5,091	5,688	6,184
	Pearsall	7,157	7,617	7,474	7,608	7,719
Gillespie	Gillespie County	20,814	24,180	18,696	18,172	17,805
	Fredericksburg	8,911	11,305	11,778	12,349	12,349
Guadalupe	Guadalupe County	89,023	121,432	96,719	97,124	94,943
	Cibolo	3,035	15,687	6,284	8,216	10,146
	Schertz	18,694	32,160	36,645	47,115	57,457
	Seguin	22,011	26,843	29,339	33,696	38,048

County	Community	Population				
		2000	2009	2020	2030	2040
Karnes	Karnes County	15,446	15,029	16,269	16,782	17,250
	Karnes City	3,457	3,318	4,008	4,322	4,573
	Kenedy	3,487	3,290	3,965	4,266	4,522
	Runge	1,080	1,047	1,209	1,294	1,367
	Falls City	591	602	706	772	825
Kerr	Kerr County	43,653	47,488	40,022	39,181	18,831
	Ingram	1,740	1,909	2,188	2,295	2,219
	Kerrville	20,425	22,828	25,681	26,934	27,544
Medina	Medina County	39,304	44,728	40,022	39,181	38,831
	Castroville	2,664	3,053	3,316	3,636	3,912
	Devine	4,140	4,581	4,414	4,548	4,664
	Hondo	7,897	9,022	10,324	11,513	12,541
	LaCoste	1,255	1,428	1,558	1,706	1,834
	Natalia	1,663	1,869	2,240	2,523	2,768
Wilson	Wilson County	32,408	40,749	35,998	36,853	36,733
	Floresville	5,868	7,643	10,261	11,653	12,999
	La Vernia	931	1,231	1,715	2,194	2,659
	Stockdale	1,398	1,681	1,747	1,960	2,167
TOTAL		**3,190,760**	**3,760,623**	**4,198,615**	**4,638,043**	**4,975,441**

Sources: 2000/2009 U.S. Census; Mid-range Estimate Projections from Texas State Data Center; Texas Water Development Board; *If no projections available; population is assumed to remain unchanged.

Table 3.2.3-3
Race and Language Spoken at Home (2009)

County	Community	Race*			Language Spoken at Home	
		White	Black	Other	English	Other
Atascosa	Atascosa County	80.8%	0.8%	18.4%	57.6%	42.4%
	Charlotte	90.8%	0.0%	9.2%	23.3%	76.7%
	Christine	84.4%	0.0%	15.6%	40.8%	59.2%
	Jourdanton	79.8%	0.4%	19.8%	67.2%	32.8%
	Lytle	82.5%	1.4%	16.1%	57.6%	42.4%
	Pleasanton	73.9%	0.4%	25.7%	66.1%	33.9%
	Poteet	82.9%	0.0%	17.1%	35.4%	64.6%
Bandera	Bandera County	92.0%	0.7%	7.3%	85.9%	14.1%
	Bandera	95.3%	1.7%	3.0%	85.5%	14.5%
Bexar	Bexar County	69.7%	7.1%	23.2%	57.0%	43.0%
	Alamo Heights	93.4%	2.5%	4.1%	86.7%	13.3%
	Balcones Heights	45.5%	4.5%	50.0%	45.3%	54.7%
	Converse	65.6%	14.5%	19.9%	73.8%	26.2%

County	Community	Race*			Language Spoken at Home	
		White	Black	Other	English	Other
	Helotes	79.7%	7.0%	13.3%	80.2%	19.8%
	Kirby	71.9%	13.0%	15.1%	67.3%	32.7%
	Leon Valley	77.3%	3.9%	18.8%	58.3%	41.7%
	Live Oak	73.4%	6.9%	19.7%	75.6%	24.4%
	San Antonio	68.8%	6.6%	24.6%	54.2%	45.8%
	Somerset	72.0%	0.4%	27.6%	56.8%	43.2%
	Terrell Hills	93.7%	0.6%	5.7%	83.2%	16.8%
	Universal City	79.3%	10.2%	10.5%	80.2%	19.8%
	Windcrest	86.9%	7.5%	5.6%	80.6%	19.4%
Comal	Comal County	92.0%	0.7%	7.3%	85.9%	14.1%
	Bulverde	95.3%	1.7%	3.0%	85.5%	14.5%
	Garden Ridge	69.7%	7.1%	23.2%	57.0%	43.0%
	New Braunfels	93.4%	2.5%	4.1%	86.7%	13.3%
Frio	Frio County	45.5%	4.5%	50.0%	45.3%	54.7%
	Dilley	82.8%	1.2%	16.0%	69.5%	30.5%
	Pearsall	76.9%	11.7%	11.4%	86.9%	13.1%
Gillespie	Gillespie County	65.6%	14.5%	19.9%	73.8%	26.2%
	Fredericksburg	94.5%	0.1%	5.4%	73.2%	26.8%
Guadalupe	Guadalupe County	80.3%	6.0%	13.7%	74.6%	25.4%
	Cibolo	79.8%	10.0%	10.2%	86.2%	13.8%
	Schertz	81.6%	8.2%	10.2%	84.5%	15.5%
	Seguin	72.7%	5.9%	21.4%	60.0%	40.0%
Karnes	Karnes County	67.4%	10.8%	21.8%	50.0%	50.0%
	Karnes City	59.6%	6.1%	34.3%	27.6%	72.4%
	Kenedy	73.8%	1.0%	25.2%	36.3%	63.7%
	Runge	63.0%	0.0%	37.0%	37.5%	62.5%
	Falls City	89.5%	5.8%	4.7%	87.9%	12.1%
Kerr	Kerr County	91.4%	1.6%	7.0%	82.8%	17.2%
	Ingram	92.4%	0.5%	7.1%	86.9%	13.1%
	Kerrville	85.9%	3.1%	11.0%	80.3%	19.7%
Medina	Medina County	86.1%	2.8%	11.1%	65.8%	34.2%
	Castroville	91.5%	0.0%	8.5%	77.9%	22.1%
	Devine	87.8%	0.0%	12.2%	49.6%	50.4%
	Hondo	77.5%	7.4%	15.1%	55.1%	44.9%
	Natalia	79.1%	0.0%	20.9%	38.0%	62.0%
Wilson	Wilson County	83.2%	2.3%	14.5%	72.5%	27.5%
	Floresville	68.1%	3.0%	28.9%	53.3%	46.7%
	La Vernia	82.7%	0.8%	16.5%	92.2%	7.8%
	Stockdale	80.5%	1.0%	18.5%	68.0%	32.0%

Sources: 2009 U.S. Census *Adds to more than 100 percent because some individuals indicate more than one race.

Table 3.2.3-4
Education and Disability Status (2000/2009)

County	Community	High School Graduate or Higher (2009)	Bachelor's Degree or Higher (2009)	Disability (2000)
Atascosa	Atascosa County	72.7%	10.8%	23.4%
	Charlotte	56.9%	0.0%	22.5%
	Christine	58.7%	8.9%	20.0%
	Jourdanton	79.4%	7.8%	18.2%
	Lytle	78.1%	14.4%	23.1%
	Pleasanton	73.6%	13.8%	21.5%
	Poteet	49.2%	4.4%	28.7%
Bandera	Bandera County	86.6%	24.2%	20.7%
	Bandera	88.9%	22.0%	27.5%
Bexar	Bexar County	80.5%	24.6%	21.0%
	Alamo Heights	96.4%	84.6%	12.0%
	Balcones Heights	71.0%	11.2%	29.2%
	Converse	92.5%	22.4%	18.8%
	Helotes	94.4%	45.6%	12.6%
	Kirby	79.3%	10.3%	22.5%
	Leon Valley	83.8%	27.2%	22.3%
	Live Oak	91.7%	24.8%	17.4%
	Olmos Park	97.8%	78.8%	9.9%
	San Antonio	78.9%	23.4%	21.5%
	Somerset	79.1%	10.2%	21.4%
	Terrell Hills	98.9%	70.2%	14.9%
	Universal City	98.9%	70.2%	19.6%
	Windcrest	93.4%	41.4%	20.5%
Comal	Comal County	88.5%	31.3%	18.0%
	Bulverde	92.5%	37.4%	10.2%
	Garden Ridge	97.1%	48.5%	11.8%
	New Braunfels	84.8%	27.8%	19.4%
Frio	Frio County	62.2%	10.1%	22.6%
	Dilley	70.5%	13.6%	21.2%
	Pearsall	50.5$	4.3%	25.3%
Gillespie	Gillespie County	85.2%	25.6%	23.4%
	Fredericksburg	83.8%	26.0%	28.2%
Guadalupe	Guadalupe County	83.5%	23.9%	19.0%
	Cibolo	92.4%	39.5%	14.5%
	Schertz	93.0%	30.9%	16.4%
	Seguin	70.1%	15.1%	23.3%
Karnes	Karnes County	62.9%	6.6%	20.7%
	Karnes City	50.4%	3.5%	22.0%
	Kenedy	58.9%	9.6%	19.0%

County	Community	High School Graduate or Higher (2009)	Bachelor's Degree or Higher (2009)	Disability (2000)
	Runge	61.1%	3.8%	27.5%
	Falls City	84.5%	21.2%	20.4%
Kerr	Kerr County	84.5%	25.7%	25.2%
	Ingram	81.4%	11.7%	32.0%
	Kerrville	82.6%	24.6%	26.4%
Medina	Medina County	77.1%	18.8%	19.9%
	Castroville	80.5%	25.9%	20.8%
	Devine	69.5%	10.8%	26.9%
	Hondo	67.8%	13.5%	21.1%
	Natalia	57.2%	8.1%	22.3%
Wilson	Wilson County	80.5%	17.2%	19.3%
	Floresville	67.2%	13.1%	24.6%
	La Vernia	81.2%	18.2%	21.8%
	Stockdale	69.1%	8.6%	25.2%

Sources: 2000/09 U.S. Census as compiled by the Texas State Data Center, Texas A&M University. Percent of persons 25 years of age or older who are high school graduates or higher and college graduates or higher. Percent of civilian non-institutionalized population over age five with a disability.

Analysis of demographics

It is important for hazard mitigation plans to include demographics in order to understand the best methods to protect the community for which the plan is being created. Often populations experience greater risk from hazard events not because of their geographic proximity to the hazard. Rather it is the nature and make-up of the populous. Consider for instance two demographic changes evident in some areas of the AACOG region: Population increase or decline and language.

Population decline can severely hamper a communities' ability to prepare, respond and recover from a disaster due to a loss in tax base. Alternatively, an increase in population is generally viewed upon favorably, however consideration and analysis should delve further into the population's characteristics. An increase of residents whose primary language is not the predominantly spoken language, may result in a potentially detrimental impact to that populous.

3.2.4 Economics

Table 3.2.4-1
State of Texas Comptroller's Economic Regions

Economic Region	Number of Counties	MSA Centers
Alamo	11	San Antonio MSA

Source: State of Texas Comptroller.

Comptroller's Discussion of Regional Economics and Outlook through 2005

Alamo Region Outlook

Alamo Region counties represented in this Plan are: Atascosa, Bandera, Bexar, Comal, Frio, Gillespie, Guadalupe, Karnes, Kerr, Medina and Wilson.

The Texas Comptroller Report, *Texas in Focus: Alamo Region, 2009* analyzed factors affection the Region's the economic growth. The report concluded the Regions economic outlook is favorable, with job growth expected to accelerate in 2010 following slow growth in 2009. The Alamo regional employment is projected to rise by 23 percent between 2003 and 2013, despite the current national downturn.

Employment in educational and health services is expected to lead all industries in growth at 44 percent through 2013; the construction sector is also expected to add jobs each year, with employment rising by 38 percent from 2003 to 2013. The financial sector, trade, transportation and utilities, the leisure and hospitality industry, agriculture, natural resources and mining should also experience positive job growth during this period.

Table 3.2.4-1 provides detailed employment and income information for 2009.

Table 3.2.4-2
Employment and Income (2009)

County	Community	Number in Labor Force	Median Household Income	Per Capita Income	Percent Below Poverty Level
Atascosa	Atascosa County	16,441	$41,178	$17,879	19.50%
	Charlotte	642	$28,380	$12,999	34.70%
	Christine	202	$45,222	$19,191	21.70%
	Jourdanton	1,876	$37,478	$18,681	17.00%
	Lytle	1,392	$37,361	$20,477	15.60%
	Pleasanton	4,097	$39,018	$17,284	18.50%
	Poteet	1,582	$22,273	$11,066	45.00%
Bandera	Bandera County	9,582	$44,244	$23,055	15.90%
	Bandera	590	$3,700	$18,933	20.70%
Bexar	Bexar County	769,502	$45,688	$22,557	17.10%
	Alamo Heights	3,784	$97,850	$57,720	4.50%
	Balcones Heights	1,684	$22,277	$13,693	36.60%
	Converse	7,480	$55,829	$22,637	10.00%
	Helotes	3,888	$88,516	$32,123	3.30%
	Kirby	3,946	$46,952	$17,451	14.20%
	Leon Valley	5,060	$54,870	$23,862	10.20%
	Live Oak	4,882	$48,184	$21,467	7.10%
	San Antonio	638,141	$43,087	$21,418	18.60%
	Somerset	564	$44,490	$16,621	17.00%
	Terrell Hills	2,145	$119,500	$74,536	2.70%
	Universal City	8,856	$53,928	$25,454	8.50%

County	Community	Number in Labor Force	Median Household Income	Per Capita Income	Percent Below Poverty Level
	Windcrest	2,309	$71,840	$38,149	6.20%
Comal	Comal County	52,154	$63,544	$30,372	9.00%
	Bulverde	2,096	$81,103	$31,001	1.70%
	Garden Ridge	1,526	$128,542	$55,492	2.40%
	New Braunfels	25,229	$55,929	$25,749	11.00%
Frio	Frio County	6,141	$34,531	$14,262	21.10%
	Dilley	1,196	$32,266	$12,976	24.80%
	Pearsall	2,910	$29,625	$13,830	35.00%
Gillespie	Gillespie County	11,321	$52,403	$27,069	6.90%
	Fredericksburg	4,828	$45,397	$27,056	5.60%
Guadalupe	Guadalupe County	57,046	$59,375	$24,484	10.10%
	Cibolo	6,505	$80,567	$29,754	2.70%
	Schertz	14,785	$71,101	$28,771	4.90%
	Seguin	12,054	$38,060	$18,645	17.90%
Karnes	Karnes County	5,029	$35,101	$16,388	19.00%
	Karnes City	929	$32,284	$12,591	18.50%
	Kenedy	1,163	$28,008	$19,080	35.30%
	Runge	524	$26,500	$16,697	26.90%
	Falls City	378	$22,382	$16,661	24.10%
Kerr	Kerr County	20,717	$43,371	$24,529	13.60%
	Ingram	1,229	$37,933	$16,170	23.90%
	Kerrville	9,228	$40,177	$22,494	13.80%
Medina	Medina County	19,209	$46,348	$19,096	15.80%
	Castroville	1,346	$51,106	$20,587	13.10%
	Devine	2,057	$30,987	$13,547	33.10%
	Hondo	3,305	$36,012	$15,455	13.30%
	Natalia	494	$26,359	$10,379	29.20%
Wilson	Wilson County	19,507	$59,347	$22,710	9.40%
	Floresville	3,316	$34,291	$16,491	20.30%
	La Vernia	729	$45,357	$16,394	4.10%
	Stockdale	514	$42,250	$17,894	14.80%

Source: U.S. Census 2000/09.

Table 3.2.4-3
Employment by Industry – Percent (2009)

County	Community	Ag/ Mining	Con-struction	Manu-facturing	Trade	Trans-portation Utilities	Info.	Finance/ Real Estate	Service	Public Admin
Atascosa	Atascosa Co.	4.7	16.3	7.9	14.9	4.7	1.1	4.8	41.6	4.0
	Charlotte	18.3	16.4	3.7	20.3	5.4	0.3	1.7	28.2	5.6

County	Community	Ag/ Mining	Con-struction	Manu-facturing	Trade	Trans-portation Utilities	Info.	Finance/ Real Estate	Service	Public Admin
	Christine	5.7	19.9	1.7	18.7	2.3	0.0	0.0	51.6	0.0
	Jourdanton	8.8	17.9	5.2	14.1	1.9	3.0	6.4	40.3	2.4
	Lytle	1.4	7.7	6.6	12.2	1.1	1.1	12.9	44.4	13.0
	Pleasanton	2.3	13.5	3.6	16.2	5.6	2.3	3.3	47.8	5.3
	Poteet	5.0	18.7	6.2	12.2	2.1	0.0	2.9	50.3	2.5
Bandera	Bandera Co.	4.8	15.0	3.8	12.1	5.2	1.0	9.2	43.3	5.7
	Bandera	0.0	7.6	0.9	6.6	4.3	0.6	4.3	67.2	8.5
Bexar	Bexar Co.	0.6	8.3	6.1	15.1	4.7	2.6	9.7	47.5	5.2
	Alamo Heights	1.4	4.0	5.6	12.5	3.0	1.6	13.1	54.6	4.3
	Balcones Heights	1.0	14.3	1.6	11.3	4.1	0.6	7.1	55.8	4.3
	Converse	0.5	5.4	4.6	17.0	8.6	2.6	10.7	40.1	10.5
	Helotes	0.5	7.5	4.6	9.7	1.7	5.7	12.7	49.3	8.4
	Kirby	1.2	7.9	13.1	19.6	9.8	3.9	4.4	37.6	2.7
	Leon Valley	0.6	4.7	5.1	18.2	4.2	2.2	9.0	49.4	6.7
	Live Oak	0.0	5.1	6.2	14.4	3.9	3.9	6.9	48.5	11.3
	San Antonio	0.6	8.5	6.1	15.2	4.5	2.6	9.6	48.0	4.8
	Somerset	1.8	16.6	5.6	15.2	4.8	2.6	4.4	42.5	6.4
	Terrell Hills	3.6	4.8	4.1	11.3	3.2	3.4	17.4	50.6	1.4
	Universal City	0.0	5.9	8.2	17.3	4.1	2.4	7.8	46.1	8.2
	Windcrest	0.0	1.8	3.2	19.8	2.2	1.4	8.4	51.9	11.4
Comal	Comal Co.	1.3	11.0	8.4	16.1	5.0	2.1	7.6	44.0	4.1
	Bulverde	0.6	10.3	8.6	16.5	3.0	7.7	7.2	39.7	6.2
	Garden Ridge	3.0	6.8	17.0	13.1	2.3	2.0	16.4	33.9	5.3
	New Braunfels	1.1	8.7	8.8	18.5	4.7	1.0	6.4	45.6	5.2
Frio	Frio Co.	10.1	8.3	2.9	19.4	3.9	0.0	6.3	35.9	13.2
	Dilley	12.1	3.6	3.3	11.5	1.2	0.0	6.7	46.1	15.5
	Pearsall	9.4	13.6	1.0	21.1	3.1	0.0	5.1	35.5	11.1
Gillespie	Gillespie Co.	5.4	12.1	6.8	19.8	5.8	2.4	4.8	41.4	1.7
	Fredericksburg	2.3	11.8	4.8	23.1	4.6	3.5	6.2	42.7	1.1
Guadalupe	Guadalupe Co.	1.6	8.2	12.4	15.2	5.1	1.4	6.0	40.9	9.2
	Cibolo	0.2	3.7	6.0	16.2	4.3	1.9	7.5	42.1	17.9
	Schertz	0.8	3.3	6.1	17.5	6.5	1.8	7.6	41.7	14.7
	Seguin	1.0	9.5	23.8	11.1	3.4	1.2	3.9	41.6	4.4
Karnes	Karnes Co.	9.0	7.9	6.7	12.4	4.6	1.6	7.1	38.6	12.1
	Karnes City	7.3	8.5	5.3	9.3	2.6	0.3	3.1	43.2	20.3
	Kenedy	17.0	7.9	5.5	12.4	3.9	0.4	0.4	40.3	12.2
	Runge	4.2	8.8	5.4	30.8	1.5	0.0	2.7	24.4	22.2
	Falls City	1.1	12.2	9.6	13.6	2.0	16.4	5.7	39.1	0.3
Kerr	Kerr Co.	3.0	9.3	5.7	15.4	2.9	1.9	6.7	51.6	3.4

County	Community	Ag/ Mining	Con-struction	Manu-facturing	Trade	Trans-portation Utilities	Info.	Finance/ Real Estate	Service	Public Admin
	Ingram	1.1	15.1	8.2	17.7	2.6	1.0	3.2	49.6	1.4
	Kerrville	1.1	5.9	3.9	16.0	2.3	1.4	8.1	57.7	3.7
Medina	Medina Co.	4.8	9.4	7.5	13.4	7.5	1.6	7.9	41.6	6.3
	Castroville	2.7	8.3	3.6	11.8	3.2	0.5	6.5	57.2	6.1
	Devine	5.5	9.4	14.0	19.2	11.2	0.0	1.9	34.3	4.4
	Hondo	4.1	5.1	9.4	15.3	12.2	0.0	5.7	40.5	7.6
	Natalia	2.2	16.2	5.4	17.5	5.6	2.6	10.2	37.5	2.8
Wilson	Wilson Co.	3.6	10.4	8.8	15.2	8.0	2.1	6.9	37.2	7.9
	Floresville	1.0	14.2	5.3	15.3	5.6	1.1	3.5	45.6	8.6
	La Vernia	0.7	6.9	3.1	51.3	4.7	2.0	2.9	24.1	4.4
	Stockdale	0.9	13.3	11.1	14.9	5.7	3.1	6.3	41.5	3.2

Source: U.S. Census 2000/09.

Table 3.2.4-3
Largest Employers Per County

County	Top Employers
Atascosa	➢ H E Butt Grocery ➢ Jourdanton ISD ➢ Long & Associates ➢ Lytle ISD ➢ Pleasanton ISD ➢ Poteet ISD ➢ S B H Corporation ➢ San Miguel Electric ➢ Tristar ➢ Wal-Mart Associates
Bandera	➢ Bandera Electric Coop ➢ Bandera ISD ➢ Bandera Rehabilitation Center ➢ Bandera County ➢ Flach Masonry ➢ Flying L Guest Ranch ➢ Mayan Dude Ranch ➢ Medina Children's Home ➢ Medina ISD ➢ Super S Food Store
Bexar	➢ Baptist Medical Center ➢ Bexar County Hospital District ➢ City Public Service Board ➢ CITYCORP Data Systems ➢ Department of Defense
Guadalupe	➢ Guadalupe Valley Hospital ➢ H B Zachry Construction ➢ H E Butt Grocery ➢ Holly Farms Of Texas ➢ Motorola ➢ Schertz-Cibolo-Universal City ISD ➢ Seguin ISD ➢ Structural Metals ➢ Texas Lutheran University ➢ Wal-Mart Associates
Karnes	➢ Aqualon ➢ Girling Health Care ➢ Karnes City ISD ➢ Karnes County ➢ Kenedy ISD ➢ Otto Kaiser Memorial Hospital ➢ Runge ISD ➢ Texas Dept of Criminal Justice ➢ Wackenhut Corrections ➢ Wal-Mart Associates
Kerr	➢ C C Butt Grocery Company ➢ Hilltop Village ➢ Ingram ISD ➢ James Avery Craftsman ➢ Kerrville ISD

County	Top Employers
	➢ H E Butt Grocery Co ➢ Judson ISD ➢ Labor Ready GP Co. Inc. ➢ North East ISD ➢ Northside ISD ➢ Postal Data Center ➢ San Antonio – City of ➢ San Antonio ISD ➢ San Antonio Regional Hospital ➢ Southwestern Bell ➢ United Services Auto Assn ➢ Univ of Texas at San Antonio ➢ USSA Federal Savings Bank ➢ Wal-Mart Associated Inc ➢ West Telemarketing Corp
Comal	➢ Checks In The Mail ➢ Comal ISD ➢ Eden Home ➢ Gristmill Restaurant ➢ H E Butt Grocery ➢ Lightning Metal Specialties ➢ Mckenna Health Management ➢ Mission Valley Fabrics ➢ New Braunfels ISD ➢ New Braunfels Smoker
Frio	➢ Correctional Services Corp. ➢ Dilley ISD ➢ Frio Hospital Association ➢ Harvest Communities ➢ Outreach Health Community Care Services ➢ Pearsall ISD ➢ Randall Preston Produce ➢ South Texas Skilled Nursing Center ➢ Texas Dept of Criminal Justice ➢ Wal-Mart Associates
Gillespie	➢ Central Texas Elec. Coop ➢ Fredericksburg ISD ➢ H E Butt Grocery ➢ Harper ISD ➢ Hill Country Memorial Hospital

County	Top Employers
	➢ Kerrville State Hospital ➢ Mooney Aircraft Corporation ➢ Sid Peterson Memorial Hospital ➢ VA Hospital ➢ Wal-Mart Associates
Medina	➢ City of Hondo ➢ Crane Plumbing ➢ Devine ISD ➢ H E Butt Grocery ➢ Hondo ISD ➢ Medina Community Hospital ➢ Medina Valley ISD ➢ Natalia ISD ➢ Strom Aviation ➢ Texas Dept of Criminal Justice
Wilson	➢ Advanced Living Technologies ➢ Floresville ISD ➢ La Vernia ISD ➢ La Vernia Nursing ➢ Nurses In Touch Home Health ➢ Outreach Health Community Care ➢ Poth ISD ➢ Stockdale ISD ➢ Wal-Mart Associates ➢ Wilson County Memorial Hospital District

County	Top Employers
	➢ James Avery Craftsman ➢ Knopp Nursing Home ➢ Mamacitas ➢ Wal-Mart Associates ➢ Windcrest Nursing & Rehab Center

County	Top Employers

Source: Texas Economic Development. https://www.texasedc.org/ Employers are listed alphabetically with no ranking intended. The Department listed the top 10 employers by County for all Counties in the region except Bexar County. The top 20 employers were listed for them.

3.2.5 Community Assets

The following table provides a summary of available information for emergency response services in the Alamo Area Region.

Table 3.2.5-1
Community Assets – Emergency Response Services

Law Enforcement and Fire Departments			
County	**Community**	**Law Enforcement**	**Fire Departments**
Atascosa County	Atascosa County Sheriff	1108 Campbell, Jourdanton, TX 78026	711 Broadway, Jourdanton, TX 78026
	Charlotte		316 Jourdanton Ave. Charlotte, TX 7801
	Christine		PO Box 101 (E Ave/11th St) Christine, TX 7801
	Jourdanton	1212A Simmons Avenue Jourdanton, TX 78026	1201 Campbell St Jourdanton, TX 78026
	Lytle	14916 Main St., Lytle, TX 78052	15078 Main St Lytle, TX 78052
	Pleasanton	704 W Oaklawn Rd Pleasanton, TX 78064	219 W Hunt St, Pleasanton, TX
		Pleasanton Independent School District (ISD) Police 831 Stadium drive, Pleasanton, TX 78064	

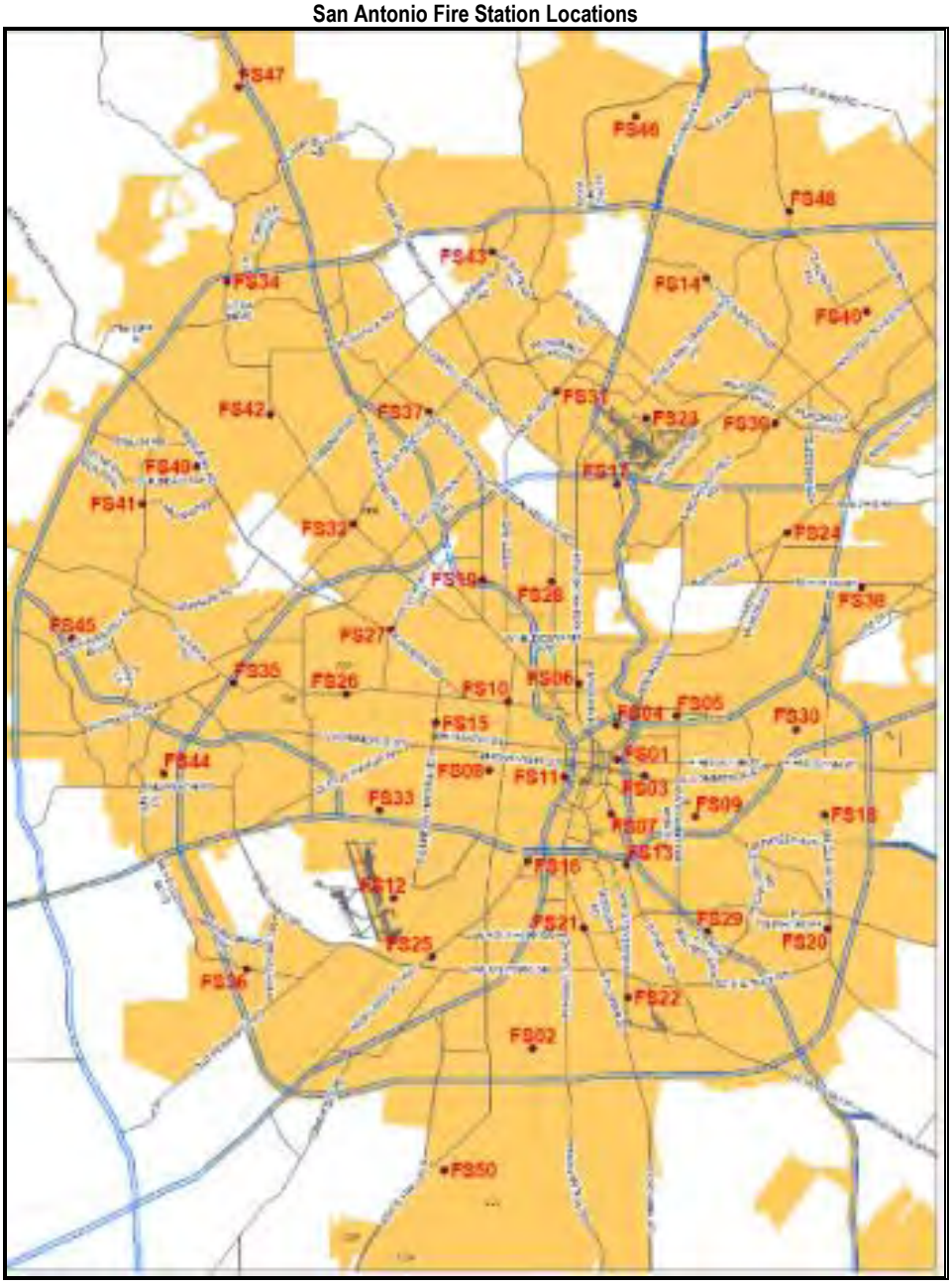
Law Enforcement and Fire Departments			
County	**Community**	**Law Enforcement**	**Fire Departments**
	Poteet Police	412 Fifth St Poteet, TX 78064	530 Avenue H Poteet, TX 78065
Bandera County	Bandera County	3360 State Highway 173 N Bandera, TX	Pipe Creek, Medina Lake, Castle Lake, Lakeshore, Tarpley, Medina an dVanerpool
	Bandera	503 Main St., Bandera, TX 78003	511 Main St Bandera, TX 78003
Bexar County	Bexar County	200 N Comal, San Antonio, TX 78207	Ata- County Line VFP 25580 Pleasanton Rd San Antonio, TX 78264
			Bexar Co ESD, No 6 2002 S Loop 1604 East
			Bexar Co ESD No 5 10861 Aliann Rd San Antonio TX 78201
	Alamo Heights	6116 Broadway St., San Antonio, TX 78209	7117 Broadway St San Antonio TX 78209
	Balcones Heights	300 Hillcrest Dr, San Antonio, Texas 78201	111 Altgelt Balcones Heights TX 78201
	Converse	402 S Seguin Converse, TX 78109	107 Station St Converse, TX 78109
	Helotes	1291 Bandera Rd Helotes, TX 78023	12951 Bandera Rd, Bldg 3 Helotes TX 78023
	Kirby	4130 Ackerman Rd Kirby, TX 78219	115 Bauman Kirby Tx 78219
	Leon Valley	6400 El Verde Rd Leon Valley, TX 78238	6400 El Verde Road Leon Valley, TX 78238
	Live Oak	8022 Shin Oak Dr Live Oak, TX 78233	8001 Shin Oak Drive Live Oak, TX 78233
	San Antonio	214 W Nueva St San Antonio, TX 78207	San Antonio Fire Department Headquarters

Law Enforcement and Fire Departments			
County	**Community**	**Law Enforcement**	**Fire Departments**
		Central Substation 515 S Frio San Antonio, TX 78207	115 Auditorium Circle San Antonio, TX 78205 50 Fire Stations San Antonio, TX Fire Station Locations
		East Substation 3635 E Houston San Antonio, TX 78219	
		North Substation 13030 Jones Maltsberger San Antonio, TX 78247	
		Prue Substation 5020 Prue Rd San Antonio, TX 78240	
		South Substation 712 W Mayfield San Antonio, TX 78211	
		West Substation 700 Culebra San Antonio, TX 78238	
		San Antonio Independent School District (ISD) 1702 N Alamo San Antonio, TX 78215	
	Somerset	7360 E 6th St Somerset, TX 78069	7905 4th Street Somerset, TX 78069
	Terrell Hills	5100 North New Braunfels Ave Terrell Hills, TX 78209	5100 North New Braunfels Ave Terrell Hills, TX 78209
	Universal City	2150 Universal City Blvd, Universal City, TX 78148	2160 Universal City Blvd Universal City, TX 78148
	Windcrest	8601 Midcrown Dr Windcrest, TX 78239	8601 Midcrown Dr Windcrest, TX 78239
Comal County	Comal County	3005 W San Antonio St New Braunfels, TX 78130	

Law Enforcement and Fire Departments			
County	**Community**	**Law Enforcement**	**Fire Departments**
	Bulverde	30360 Cougar Bend Bulverde, TX 78163	30240 Cougar Bend Bulverde, TX 78163
	Garden Ridge	9400 Municipal Parkway, Garden Ridge, TX 78266	Bracken Fire Department 23600 FM 30009 Garden Ridge, TX 78266
	New Braunfels	1488 S Seguin, New Braunfels, TX 78130	424 S Castell New Braunfels, TX 78130
Frio County	Frio County	502 S Cedar St, Pearsall, TX 78061	
	Dilley	105 S Commerce St, Dilley TX 78017	115 E White St Dilley, TX 78017
	Pearsall	411 N Willow St Pearsall, TX 78061	217 South Oak St Pearsall, TX 78061
Gillespie County	Gillespie County	1601 E Main Fredericksburg, TX 78624	
	Fredericksburg	1601 E Main Fredericksburg, TX 78624	124 W Main St Fredericksburg, TX 78624
Guadalupe County	Guadalupe County	2611 N Guadalupe St Seguin, TX 78155	
	Cibolo	190 S Main St Cibolo, TX 78108	203 Meek Street Cibolo, TX 78108
	Schertz	1404-A Schertz Parkway Schertz, TX 78154	1400 Schertz Parkway Schertz, TX 78154
	Seguin	350 N Guadalupe St Seguin, TX 78155	110 Elm St Sequin, TX 78155
Karnes County	Karnes County	113 N Panna Maria Ave, Karnes City, TX 78118	
	Karnes City	314 E Calvert Karnes City, TX 78118	103 E Calvert Ave Karnes City, TX 78118
	Kenedy	119 S 3rd St, Kenedy, TX 78119	303 W Main St Kenedy TX 78119

Law Enforcement and Fire Departments			
County	**Community**	**Law Enforcement**	**Fire Departments**
	Runge	Karnes County PCT-4 Constable 101 N Panna Maria Karnes City, TX 78118	
	Falls Church	Karnes County PCT-2 Constable 101 N Panna Maria Karnes City, TX 78118	
Medina County	Medina County	801 Avenue Y Hondo, TX 78861	
	Castroville	411 London St Castroville, TX 78009	807 Paris St Castroville, TX 78009
	Devine	303 S Teel Dr Devine, TX 78016	202 East Herring Ave Devine, TX 78016
	Hondo	1101 16th St Hondo, TX 78861	1309 Avenue Y Hondo, TX 78861
	Natalia	302 3rd St Natalia, TS 78059	211 Pearson Natalia, TX
Wilson County	Wilson County	800 10th St Floresville, TX 78114	2 Library Lane #4 Floresville, TX 78114
	Floresville	800 10th St #5 Floresville, TX 79114	1402 Hospital Blvd Floresville, TX 78114
	La Vernia	102 E Chihuahua St La Vernia, TX 78121	12190 US Highway 87 W La Vernia, TX 78121
	Stockdale	Wilson County PCT 4 Constable 108 Oak Fields Dr Floresville, TX 79114	111 123 Highway Stockdale Texas 78160

Map 3.2.5-1
San Antonio Fire Station Locations



3.2.6 Special Consideration Communities

Based on U.S. Census 2000 data, three communities meet all three criteria for Small and Impoverished Communities: Charlotte, Natalia and Runge. The three criteria are:

- a population less than 3,000 not within the corporate boundaries of a larger city;

- an average per capita annual income not exceeding 80 percent of the national level; and
- the local unemployment rate exceeds the national rate by one percentage point or more.

It is essential to designate these communities because, according to the Disaster Mitigation Act of 2000, "In determining whether to provide technical and financial assistance to a State or local government under this section, the President shall take into account the extent to which assistance will fund mitigation activities in small impoverished communities."

3.2.7 Land Use

Agricultural land use taken from the 1997 Census of Agriculture is provided in Table 3.2.7-1, while the variations of land use by county are displayed in Map 3.2.7-1.

As population increases in areas such as San Antonio, so will areas of development. Runoff from developed areas often contains toxic chemicals, phosphorus and nitrogen, and is the second most common source of water pollution for lakes and estuaries nationwide and the third most common source for rivers.

As more land is developed, more surface area becomes impervious—affecting ground water recharge and the volume and rate of surface water runoff. *The National Water Quality Inventory: 1998 Report to Congress* identified runoff from development as one of the leading sources of water quality impairment. Runoff from development was ranked as the sixth leading source of impairment in rivers, fourth in lakes, and second in estuaries.

If the AACOG area population continues to grow as expected the region may experience a continuous trend of increased storm water from urban development, degraded water quality in creeks, and increased pollutant levels in surface waters.

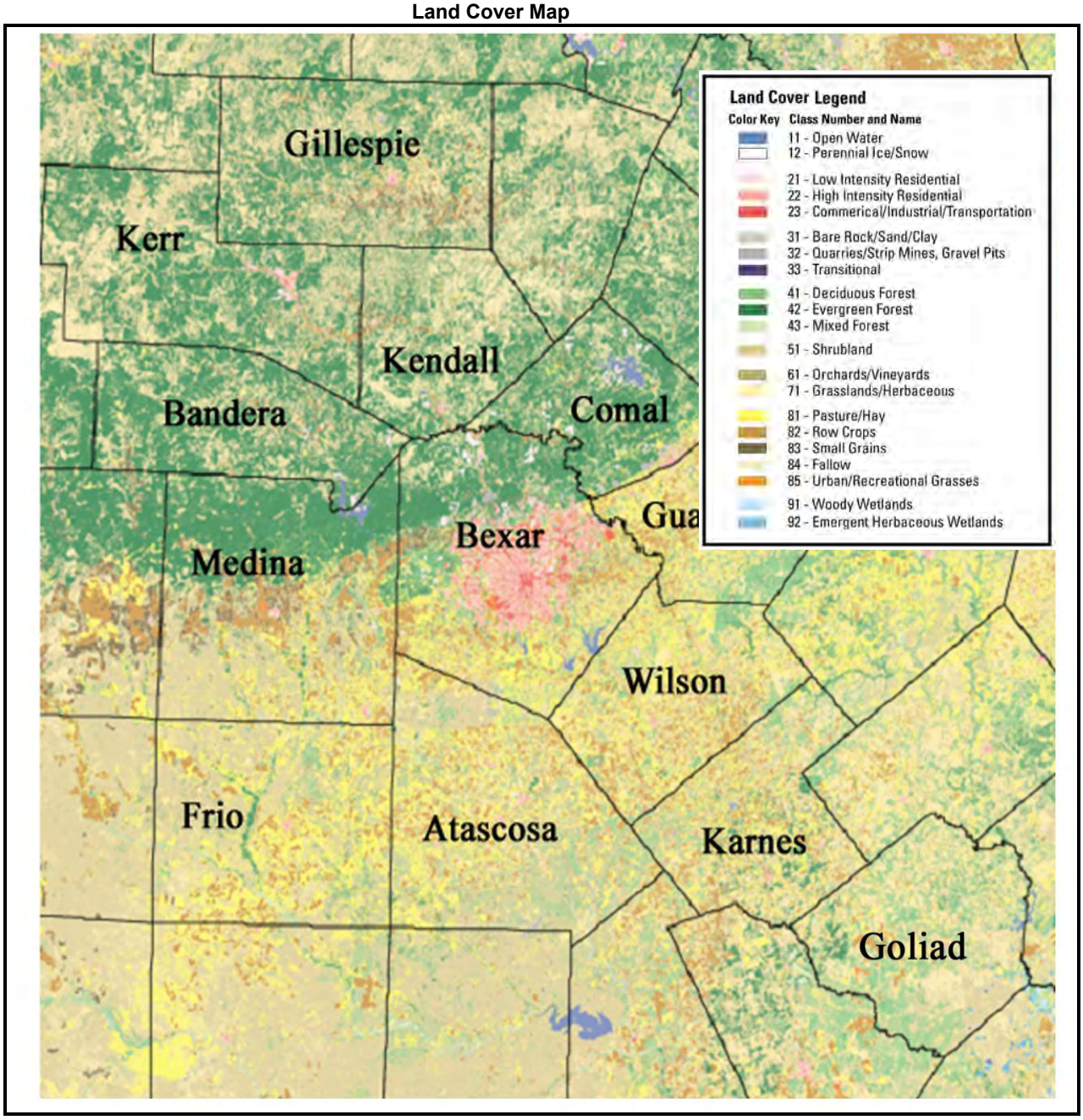
Future updates of this Plan will address the varying land uses among jurisdictions in greater detail. This shall include a general overview of land uses for each county and jurisdiction.

Table 3.2.7-1
Agricultural Land Use

County	Number of Farms	Number of Farms with Livestock Sales	Harvested Cropland (Acres)	Irrigated Land (Acres)
Wilson	2,570	1,991	73,012	13,462
Bexar	2,496	1,629	124,952	14,091
Guadalupe	2,462	1,649	83,517	1,094
Medina	2,139	1,364	95,022	41,210
Gillespie	1,853	1,181	90,426	1,903
Atascosa	1,810	1,379	52,418	22,644
Kerr	1,226	575	7,479	2,258
Karnes	1,208	986	57,740	1,390
Bandera	972	534	5,886	606
Comal	939	496	13,468	517
Frio	724	471	57,479	42,895

Source: GovStats, Census of Agriculture.

Map 3.2.7-1
Land Cover Map



Source: USGS

3.2.8 Forms of Government

Texas cities of more than 5,000 citizens adopt a home-rule charter. These are governed by a city council and either a city manager or a mayor. Cities having fewer than 5,000 residents, or "general law" cities, have powers and duties specifically granted by the constitution and state law. A city manager plan can be adopted in any general law city.

Counties' powers and duties are specifically granted and limited by the constitution and state law. Each county has a commissioner's court, which consists of four commissioners, each elected from a commissioner's precinct, and a county judge elected from the entire county. In smaller counties, the county judge retains judicial responsibilities in probate and insanity cases. Special Districts are created to perform a specific function.

Table 3.2.8-1
Forms of Government

Home Rule Jurisdictions	Type	Home Rule Jurisdictions	Type
Alamo Heights	Mayor-Council	Pearsall	Mayor-Council
Converse	Council-Manager	San Antonio	Council-Manager
Fredericksburg	Council-Manager	Schertz	Council-Manager
Kerrville	Council-Manager	Seguin	Council-Manager
Kirby	Council-Manager	Terrell Hills	Council-Manager
Live Oak	Council-Manager	Universal City	Council-Manager
New Braunfels	Council-Manager		

General Law Jurisdictions	Type	General Law Jurisdictions	Type
Balcones Heights	Mayor	Hondo	City Manager
Bandera	Mayor	Ingram	Mayor
Bulverde	City Administrator	Jourdanton	City Manager
Castle Hills	City Manager	Karnes City	City Administrator
Castroville	City Administrator	Kenedy	Mayor
Charlotte	Mayor	La Coste	City Administrator
China Grove	Mayor	La Vernia	Mayor
Christine	Mayor	Leon Valley	City Manager
Cibolo	City Administrator	Lytle	Mayor
Devine	City Administrator	Natalia	Mayor
Dilley	City Administrator	Olmos Park	City Manager
Elmendorf	Mayor	Poteet	Mayor
Fair Oaks Ranch	Mayor	Poth	Mayor
Falls City	Mayor	Runge	Mayor
Floresville	City Manager	Shavano Park	City Manager
Garden Ridge	City Administrator	Somerset	Mayor
Grey Forest	Mayor	Stockdale	City Manager
Helotes	Mayor	Windcrest	Mayor
Hill Country Village	City Administrator		
Hollywood Park	Mayor		

Special Water Districts
Guadalupe-Blanco River Authority
San Antonio River Authority

Table 3.2.8-2
Seats of Government

County	County Seat	County	County Seat
Atascosa	Jourdanton	Guadalupe	Seguin
Bandera	Bandera	Karnes	Karnes City
Comal	New Braunfels	Kerr	Kerrville
Frio	Pearsall	Medina	Hondo
Gillespie	Fredericksburg	Wilson	Floresville

3.3 The State of Texas Hazard Mitigation Plan

On October 18, 2010, the Texas Division of Emergency Management (TDEM) received approval from FEMA for the State of Texas Standard Hazard Mitigation Plan Update (SHMPU). TDEM describes the plan and its purpose as follows:

"This plan establishes hazard mitigation goals, strategies, and specific measures that are designed to reduce the occurrence or severity of the consequences of natural hazards on the people, property, infrastructure, and environment of Texas. This plan also provides procedures for implementation and administration of the federally-funded Hazard Mitigation Grant Program (HMGP) … This plan identifies the organization, operational concepts, administrative procedures, tasks, and responsibilities for accomplishing statewide, natural hazard mitigation objectives."

The plan includes the following primary sections:

- Planning process
    - Topics covered: how the mitigation plan was prepared, who prepared it, who was involved, coordination among agencies, and the integration of this plan with other planning efforts as well as FEMA mitigation programs and initiatives.
- Risk Assessment
    - Topics covered: identifying the hazards, profiling hazard events, assessing vulnerability and estimating losses by jurisdiction, and assessing the vulnerability and estimating losses of State facilities.
- Mitigation Strategies

- Topics covered: hazard mitigation goals, State capability assessment, local capability assessment, mitigation measures, and funding sources.

- Funding and Technical Assistance

  - Topics include: local funding and technical assistance, local plan integration, and prioritizing local assistance.

- Mitigation Program Overview

  - Topics include: program management capability and what Texas is doing as part of their commitment to a comprehensive mitigation program.

- Plan Maintenance

  - Topics include: a system for monitoring implementation of mitigation measures and project closeouts as well as a system for reviewing progress on achieving goals, activities, and projects in the mitigation strategy.

Wherever possible, this Plan Update has incorporated information and recommendations consistent with the State of Texas Standard Hazard Mitigation Plan Update.

3.4 Federal Planning Requirements

According to the federal rules describing the Disaster Mitigation Act of 2000 (FR 8848, Feb. 26, 2002, as amended at 67 FR 61515, Oct. 1, 2002), "The local mitigation plan is the representation of the jurisdiction's commitment to reduce risks from natural hazards." Local plans serve "as a guide for decision makers as they commit resources to reducing the effects of natural hazards. Local plans will also serve as the basis for the state to provide technical assistance and to prioritize project funding."

Relevant federal planning requirements include establishing minimum standards for grant program eligibility and outlining a planning process.

3.4.1 Grant Program Eligibility

The various federal mitigation grant programs and their planning requirements are listed below:

Hazard Mitigation Grant Program (HMGP)
According to 44 CFR §201.3, " For disasters declared after November 1, 2004, a local government must have a mitigation plan approved pursuant to this section in order to receive HMGP project grants."

Pre-Disaster Mitigation (PDM)
According to 44 CFR §203, " By November 1, 2003, local governments must have a mitigation plan approved pursuant to this section in order to receive a project grant through the PDM program, authorized under Section 203 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5133. PDM planning grants will

continue to be made available to all local governments after this time to enable them to meet the requirements of this section."

Flood Mitigation Assistance (FMA)
According to 44 CFR §78.4, " To be eligible for Project Grants, an eligible applicant will develop, and have approved by the FEMA Regional Director, a Flood Mitigation Plan in accordance with §78.5."

Severe Repetitive Loss (SRL)
According to the 2008 SRL guidance, "all subapplicants must have a FEMA-approved hazard mitigation plan by the application deadline to be eligible to receive project grant funding under the SRL program."

Public Assistance (PA)
State and local governments are eligible to receive assistance in the *emergency* categories of the PA program (Categories A and B). However, an approved state hazard mitigation plan is required for any applicant, state or local, to be eligible to obtain funding assistance for any categories of "permanent work" under the FEMA Public Assistance Program [Categories C through G].

According to 44 CFR §206.226, " In order to receive assistance under this section, as of November 1, 2004 (subject to 44 CFR 201.4(a)(2)), the state must have in place a FEMA approved State Hazard Mitigation Plan Update in accordance with 44 CFR part 201."

3.4.2 Planning Process Requirements

The following excerpts from the Interim Final Rule outline the required planning process. The process used to develop this Plan Update for the AACOG Region is consistent with these requirements.

"Multi-jurisdictional plans may be accepted … as long as each jurisdiction has participated in the process and has officially adopted the plan. Statewide plans will not be accepted as multi-jurisdictional plans."

"In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:

(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local, and regional agencies, … businesses, academia, and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information."

"The plan shall include the following:

(1) Documentation of the *planning process* [see Section 5 of this Plan, plus appendices] used to develop the plan …
(2) A *risk assessment* [see Section 6 7 of this Plan, plus appendices] that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. … The risk assessment shall include:
(i) A description of the type, location, and extent of all natural hazards that can affect the jurisdiction. …
(ii) A description of the jurisdiction's vulnerability to the hazards described. …

(iii) For multi-jurisdictional plans, the risk assessment section must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

(3) *A mitigation strategy* [see Section 8 of this Plan, plus appendices] that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment. … This section shall include:

(i) A description of mitigation goals, …

(ii) A section that identifies and analyzes a comprehensive range of specific mitigation actions and projects, …

(iii) An action plan describing how the actions … will be prioritized, implemented, and administered by the local jurisdiction. …

(iv) For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

(4) A *plan maintenance process* [see Section 9 of this Plan, plus appendices] that includes:

(i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

(ii) A process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms …

(iii) Discussion on how the community will continue public participation in the plan maintenance process.

(5) *Documentation* [see Section 4 of Plan, plus appendices] that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan … For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted."

This AACOG Regional Hazard Mitigation Plan Update further details and explicates federal requirements for each section or element of the Plan by quoting the requirements in their entirety at the start of each relevant section.

The federal requirements continue, "Plans must be submitted to the State Hazard Mitigation Officer for initial review and coordination. The state will then send the plan to [the FEMA Region VI office] for formal review and approval. The regional review will be completed within 45 days after receipt from the state, whenever possible.

"Plans must be reviewed, revised if appropriate, and resubmitted for approval within five years in order to continue to be eligible for HMGP funding."

Section 4
Adoption and Approval

Contents of this Section

4.1 Interim Final Rule Requirement for Adoption and Approval
4.2 Authority
4.3 Adoption and Approval Procedure
4.4 Adoption Resolutions
4.5 Approval Letters

4.1 Interim Final Rule Requirement for Adoption and Approval

Requirement §201.6(c)(5): *[The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council). For multi-jurisdictional plans, each jurisdiction requesting approval of the plan* ***must*** *document that it has been formally adopted.*

Requirement §201.6(a)(3): *Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process … Statewide plans will not be accepted as multi-jurisdictional plans.*

The Disaster Mitigation Act of 2000 (DMA 2000), approved by Congress and signed into law (Public Law 106-390) in October 2000, is a key component of the Federal government's attempt to reduce the rising cost of disasters. The DMA 2000 provides an opportunity for local governments to take a new and revitalized approach to mitigation planning. It should be noted that DMA 2000 specifically requires mitigation planning for natural disasters, but not for manmade hazards. However, FEMA supports those jurisdictions that choose to consider technological and man-made hazards in their respective mitigation plans.

The AACOG Regional Hazard Mitigation Plan Update is a multi-jurisdictional plan that identifies goals, information, and pro-active measures to enhance the region and its political subdivisions long-term sustainability. Both natural and technological hazards are addressed in the Plan.

The Plan follows the DMA 2000 planning requirements and associated guidance for developing Local Hazard Mitigation Plans. This guidance sets forth a four-task mitigation planning process: 1) organize resources, 2) assess hazards and risks, 3) develop a mitigation plan, and 4) evaluate your work. The plan also utilizes the process set forth in FEMA's Crosswalk Reference Document for Review and Submission of Local Mitigation Plans.

The overall purpose of DMA 2000 was to establish a national program for pre-disaster mitigation, streamline administration of disaster relief at both the federal and state levels, and control federal costs of disaster assistance. Congress envisioned that implementation of these new requirements would result in the following key benefits:

- Reduction of loss of life and property, human suffering and economic disruption;

- Prioritization of hazard mitigation planning at the local level, with an increased emphasis placed on planning and public involvement, assessing risks, implementing loss reduction measures, and ensuring critical services/facilities survive a disaster; and

- Establishment of economic incentives, awareness and education via federal support to state, tribal and local governments that will result in forming community-based partnerships, implementation of effective hazard mitigation measures, leveraging of additional non-federal resources, and establishment of commitments to long-term hazard mitigation efforts.

4.2 Authority

The Federal Emergency Management Agency (FEMA) is the federal agency responsible for assisting communities to develop their plans. The Texas Division of Emergency Management (TDEM) is the state agency ensuring that Texas communities comply with DMA 2000.

TDEM has determined that the proper planning entity for Texas is at the local level. However, some circumstances warrant regional plans rather than county-based plans. Through a signed Memorandum of Understanding, the following counties and incorporated communities acknowledge the authority of the AACOG in developing a Regional hazard mitigation plan:

- Atascosa County
    - City of Charlotte
    - City of Christine
    - City of Jourdanton
    - City of Lytle
    - City of Pleasanton
    - City of Poteet
- Bandera County
    - City of Bandera
- Bexar County
    - City of Alamo Heights
    - City of Balcones Heights
    - City of Converse
    - City of Kirby
    - City of Leon Valley
    - City of Live Oak
    - City of St. Hedwig
    - City of San Antonio
    - City of Somerset
    - City of Terrell Hills
    - City of Universal City
    - City of Von Ormy
    - City of Windcerst
- Comal County

  - City of Bulverde
  - City of Garden Ridge
  - City of New Braunfels
- Frio County
  - City of Dilley
  - City of Pearsall
- Gillespie County
  - City of Fredericksburg
- Guadalupe County
  - City of Cibolo
  - City of Schertz
  - City of Seguin
  - City of Staples
- Karnes County
  - City of Falls City
  - City of Karnes City
  - City of Kenedy
  - City of Runge
- Kerr County
  - City of Ingram
  - City of Kerrville
- Medina County
  - City of Castroville
  - City of Devine
  - City of Hondo
  - City of Natalia
- Wilson County
  - City of Floresville
  - City of La Vernia
  - City of Stockdale

San Antonio River Authority

Each of these counties and communities has cooperated in the development process and will have the opportunity for review prior to adoption of the plan.

As of May 2010, TDEM will no longer allow regional hazards mitigation plans. The State has chosen to enforce a "2 county rule," and will limit future hazard mitigation plans to no more than 2 counties. This Plan Update was given an exception to that policy. Future incarnations of this plan will adhere to the policy announced in May 2010.

4.3 Adoption and Approval Procedure

Note to TDEM/FEMA Reviewers: Section will be completed once actions have been completed.

The original AACGOG Regional Hazard Mitigation plan was officially adopted in 2005. For the Plan Update, the Federal Emergency Management Agency (FEMA) Region VI determined that the Plan Update was "approvable pending adoption" on Date. On DATE, the AACOG Executive Mitigation Committee met and recommended that the

AACOG Region and participating counties, municipalities, and SARA adopt the Plan Update. The Plan Update was submitted to the AACOG as well as the appropriate entity for each participating municipality for review and adoption. The resulting Adoption Resolutions were then submitted to FEMA Region VI for approval. FEMA subsequently issued formal approval letters to AACOG and each participating county, municipality, and SARA.

4.4 Adoption Resolutions

Appendix C contains the signed Adoption Resolutions for the AACOG Regional Hazard Mitigation Plan Update.

4.5 Approval Letters

Appendix B contains the formal Approval Letters from FEMA Region VI for AACOG Regional Hazard Mitigation Plan Update.

Section 5
Planning Process

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5.1 Interim Final Rule Requirements for the Planning Process

Requirement §201.6(c)(1): *[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Requirement §201.6(b): *An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:*

(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia, and other private, and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

5.2 Description of the Planning Process

5.2.1 How the Plan Update was Prepared (Overview)

The AACOG Regional Hazard Mitigation Plan Update was prepared in accordance with the process established in the *State and Local Mitigation Planning How-to Guides* (FEMA Publication Series 386) produced by the Federal Emergency Management Agency (FEMA), and the requirements of the February 26, 2002 Interim Final Rule (IFR). The process established in the FEMA 386 guides includes four basic steps:

- **Step 1**: Organize resources
- **Step 2**: Assess risks
- **Step 3**: Develop a mitigation plan
- **Step 4**: Implement the plan and monitor progress

The purpose of documenting the planning process is to ensure that this plan results from careful consideration of hazard priorities and the actions best suited for reducing loss of life and property. Documentation of the planning process also acts as a guide for future large-scale alterations in the plan or transitions of power. Ultimately, the plan is expected to evolve so that it consistently and accurately reflects both the resources available and the potential losses that may occur in any hazardous situation.

Because this Plan Update built off of an existing plan, it was necessary to review, consider and incorporate existing data where such data was still relevant and/or applicable. At each step in the plan update process, the data found in the existing plan was reviewed and considered by the planning team. Where it was applicable, the data from the 2005 plan was either incorporated directly into this Plan Update, or it was used as a base from which to develop new data for the Plan Update. This review / consideration / incorporation process was applied to all sections and phases of the Plan Update, including the following:

- Hazard identification;
- Risk assessment;
- Mitigation goals and actions; and
- Plan maintenance and monitoring.

All participants in the Plan Update were provided with an electronic copy of the 2005 Plan; they were asked to review the sections that pertained to their jurisdiction(s) prior to the committee meetings (held in July and October 2010) and their local hazard mitigation team meetings (held from November 2010 to January 2011).

The following table illustrates the 2005 Plan components/information that was reviewed and considered during the Plan Update process, who reviewed the information, how each component was analyzed, and if the information was incorporated directly, incorporated with revisions, or was not incorporated into the Plan Update.

Table 5.2.1-1
2005 Plan Data Record of Consideration and Disposition

Disposition of Data from the 2005 Plan			
Data Component	**Reviewer**	**Criteria for Decision**	**Disposition of Data**
Hazard identification and profiles	Planning consultants; All participating jurisdictions	Availability of data and reliable information; frequency of occurrence; likelihood of damage(s)	Hazards from 2005 Plan were reviewed and considered by all participating jurisdictions; a consensus was reached as to which hazards to carry over, which ones to drop, and what additional hazards to add to the Plan Update
Risk Assessment	Planning consultants; AACOG GIS personnel; All participating jurisdictions	Availability of data and reliable information	Risk assessment data from the 2005 Plan was used as a starting point for the development of the Plan Update; the existing data provided a base upon which to build the updated risk assessment findings
Mitigation goals	Planning consultants; All participating jurisdictions	Applicability of previous goals to participant's current capability and capacity	The mitigation goals from the 2005 Plan were used as a starting point for the development of the goals for the Plan Update
Mitigation actions	Planning consultants; All participating jurisdictions; Local hazard mitigation team members	Participants were asked to provide information regarding status of previous actions, and details for newly identified actions, based on the findings of the updated risk assessment	Participants were asked to provide updated information regarding all previously described actions, and to identify any new jurisdictional-specific actions to be included in the Plan Update, based on the findings of the updated risk assessment
Plan monitoring	Planning consultants; All participating jurisdictions	The plan monitoring process was revised to allow for ease of separation of the jurisdictions in the next Plan Update (estimated 2016)	AACOG remains responsible for the monitoring of the overall Plan Update; Participating jurisdictions were provided with a process to monitor their specific portions of the Plan Update
Plan maintenance	Planning consultants; All participating jurisdictions	The plan monitoring process was revised to allow for ease of separation of the jurisdictions in the next Plan Update (estimated 2016)	AACOG remains responsible for the maintenance of the overall Plan Update; Participating jurisdictions were provided with a process to maintain their specific portions of the Plan Update

5.2.1.1 Step 1: Organize Resources

The Alamo Area Council of Governments (AACOG) was the lead agency responsible for the development of the Plan Update. At the beginning of the process, a consultant firm, James Lee Witt Associates (Witt Associates), was hired to provide technical support to the AACOG. In addition, several individuals and organizations worked together to develop the Plan Update. These participants were organized into the AACOG Executive Mitigation Committee (EMC).

The AACOG mitigation planning effort includes 58 jurisdictions and entities whose administrative boundaries are encompassed by the planning area. AACOG has included all jurisdictions in the planning area in the *Risk Assessment*. Should any jurisdiction's governing body not approve the mitigation actions its representatives have selected by the date this Plan is submitted to the Texas Division of Emergency Management (TDEM), AACOG will continue working with those jurisdictions to produce a completed Mitigation Action Plan in order to qualify them for disaster benefits and to assist them in planning for hazard reduction.

A multi-jurisdictional plan requires clear lines of communication and coordination with the public. To consolidate its mitigation-planning mandate, AACOG chose to coordinate its planning effort with participating jurisdictions through its existing Regional Emergency Preparedness Advisory Committee (REPAC). The primary focus of the REPAC is to advise the AACOG Board of Directors on program and policy matters pertaining to First Responder, Homeland Security, and Emergency Preparedness issues within the region.

The selection of REPAC to guide mitigation activities was important for two reasons. REPAC is an established entity within AACOG and can quickly integrate regional mitigation planning efforts into the overall objectives of the organization. Furthermore, AACOG realized that a centralized coordinated effort was necessary. Coordinated efforts reduce duplication of the workload and facilitate the identification of multi-objective planning opportunities (i.e., mitigation projects and policies that may compliment other AACOG initiatives).

In this planning process, the EMC fills the role of the executive mitigation team. The REPAC will be the instrument of policy development, decision-making and management for the regional Plan moving forwards. REPAC has a broad-base structure in which organization (department) leaders consult with one another during the execution of project tasks and provides an ideal mechanism to facilitate joint strategic planning and decision-making for AACOG constituents. During the execution of this planning process, REPAC has agreed to meet at least quarterly. The role of the EMC is three-fold: to assess progress regarding the developed project work plan; to facilitate coordination and cooperation between and among all jurisdictions; and to help develop recommendations for the AACOG Board of Directors regarding new initiatives and policy directions that result from this process.

The Regional Emergency Preparedness Advisory Committee consists of 22 members and 22 alternates. The committee is headed by a Chairperson that is selected to serve in this capacity for no more than two consecutive years. Further terms can be served by the Chairperson after an intervening term. Other members serve two year terms but may be recommended for additional term or terms. Alternates serve in the absence of appointed members. All alternates must be approved and appointed by the AACOG Board of Directors.

The membership of the REPAC is shown in Table 5.2.1-2.

Table 5.2.1-2
AACOG REPAC Members

AACOG Regional Emergency Preparedness Advisory Committee (REPAC) Members		
Name	**Committee Position**	**Organization**
Judge Danny Scheel	Chairperson	Comal County
Chief Joe Hamilton	Vice-Chairperson	Bulverde Police Department
Mark Cheatum	Alternate	Bulverde Police Department
Judge Nelson Wolff	Member	Bexar County
Scott Lampright	Alternate	Bexar County Office of Emergency Management
Dr. Charles (Chuck) Bauer	Member	UT Health Science Center
Dr. John Herbold	Alternate	UT Health Science Center
John Culpepper	Member	Gillespie County / Fredericksburg Office of Emergency Management
Lori Seewald	Alternate	Fredericksburg EMS
Carol Edgett	Member	Comal County Office of Emergency Management
Homer C. Emery	Member	San Antonio Water System
Meg Conner	Alternate	San Antonio Water System
Eric Epley	Member	STRAC/EHDG
Robert Cocke	Alternate	STRAC/EHDG
Jeffrey Fincke	Member	Kendall County Office of Emergency Management
Nathan Taylor	Alternate	Kendall County Office of Emergency Management
Gregory Pratt	Alternate	Federal Bureau of Investigation
Joanne Morales	Alternate	Federal Bureau of Investigation
Steve Hannemann	Member	Texas Department of Health, Region 6
Anna Lux	Alternate	Texas Department of Health, Region 6
LeAnn Hosek	Member	Wilson County Office of Emergency Management
Honorable Larry A. Wiley	Alternate	Wilson County Commission
Chief Rodney Hitzfelder	Member	San Antonio Fire Department
Chief Mike Walsh	Alternate	San Antonio Fire Department
Chief David Coatney	Member	San Antonio Fire Department
Captain Tom Polonis	Alternate	San Antonio Police Department
Jeffrey Dean	Alternate	San Antonio Office of Emergency Management
Henry King	Member	Chair, Bexar County Local Emergency Planning Committee
Chief Walton Daugherty	Alternate	Vice-Chair, Bexar County Local Emergency Planning Committee, Helotes Fire Department
Chief Mike Miller (ret.)	Member	Citizen Representative
Charlie Dyer	Alternate	CPS Energy
Brett Schneider	Member	Bexar Metro 911

AACOG Regional Emergency Preparedness Advisory Committee (REPAC) Members		
Name	**Committee Position**	**Organization**
Eddie Taylor	Alternate	Bexar Metro 911
Dr. Rasa Silenas	Member	TC-MEDSTAR
Harry Smith	Member	Greater San Antonio Hospital Council
Bill Rasco	Alternate	Greater San Antonio Hospital Council
Mayor Johnny Stahl	Member	City of Stockdale
Chief Edwin Baker	Alternate	City of Stockdale Fire Department
Jeffrey Wendling	Member	City of Kerrville Police Department
Rowan Zachry	Alternate	City of Ingram Fire Marshal
Chief Tom Winn (ret.)	Member	City of Windcrest Fire Department
Chief Ross Wallace	Alternate	City of Universal City
Carey Reed	Member	Bandera County Office of Emergency Management / 911
Constable Ernest Reich	Alternate	Bandera County, Precinct 2

The membership of the EMC is shown in Table 5.2.1-3. Note that this membership list is kept by title, rather than name.

Table 5.2.1-3
AACOG EMC Members

AACOG Emergency Management Committee (EMC) Members		
Position	**Title**	**Jurisdiction**
Elected Officials	County Judge	Atascosa County Bandera County Bexar County Comal County Frio County Gillespie County Guadalupe County Karnes County Kerr County Medina County Wilson County
Emergency Management Coordinators	EMC, Directors, Coordinators	Atascosa County Bandera County Bexar County Comal County Frio County Gillespie County Guadalupe County Karnes County Kerr County Medina County

AACOG Emergency Management Committee (EMC) Members		
Position	**Title**	**Jurisdiction**
		Wilson County
Points of Contact	General Manager	San Antonio River Authority
Other interested Parties		General Public

In addition to the REPAC and the EMC, local hazard mitigation teams were established at the county and municipal levels. These teams were organized by county. In some instances, municipalities and counties formed a team together, with all or most jurisdictions represented. The diversity of jurisdictions in the region is reflected in the diversity of the local hazard mitigation teams. In the larger municipalities, several officials from various departments within the jurisdiction compose the local hazard mitigation team. In the more rural areas, the county and all of the jurisdictions within that county met together, often with each jurisdiction only having one representative on the team. In these county mitigation meetings, discussions centered on hazard assessment and the economic effects of potential damages and to compare mitigation actions by hazard.

In the State of Texas, Emergency Management Coordinators (EMCs) are appointed to their position by the jurisdiction's Chief Executive Officer (CEO). Once the appointment in made, the Texas Division of Emergency Management is notified of the appointment, and the official records are updated. In some cases, municipal jurisdictions and counties may be combined for emergency management and planning purposes.

For many participants in this planning process, the day-to-day business of planning and emergency management is a consolidated effort, sometimes in the absence of any official documentation or agreement. Because of the size and limited resources of many of the participating jurisdictions, informal systems and agreements have been developed by which, for example, a representative from the County may stand on behalf of both the County and one or more incorporated jurisdictions. This approach has the advantage of maximizing staff time and resources as well as insuring that all planning and emergency management efforts are coordinated.

In some cases, the EMC appointed a delegate to act on behalf of the jurisdiction for the duration of the planning process. When this occurred, the EMC was briefed on the process, and was consulted for information. In other cases, a higher-ranking official acted as the jurisdiction's representative for the planning process.

In the normal course of business, AACOG typically deals with officials at the county level, usually either the EMC or the County Judge. AACOG relies on those positions to transmit information to others within the county, and to the municipalities in the county. This is the normal, established process for planning and communications in the planning area.

Appendix L contains a table which lists the appointed EMCs as of June 01, 2010, when the planning process for the AACOG Regional Multi-Hazard Mitigation Plan Update began. The table also provides information as to if the EMC personally represented the jurisdiction, if a delegate represented the jurisdiction, or if a higher ranking official represented the jurisdiction. This appendix also contains the source material for this table, which was obtained from TDEM.

Because of the number of participating jurisdictions and the far-flung geography of the planning area, some participating jurisdictions were unable to send a representative to the planning meetings. This is particularly true of

the smaller jurisdictions, of which this Plan Update contains many. These jurisdictions participated in the update of the plan and in the planning process in a variety of ways, which are described below.

County-Wide Representative

Atascosa, Bandera, Comal, Frio, Guadalupe, and Karnes Counties appointed a single representative to speak for both the county and at least some of (if not all of) the participating jurisdictions throughout the plan update process. The participants who opted for this process tended to be either counties with very small or mostly unincorporated communities, or those with a single incorporated jurisdiction that generally works closely with the county. This arrangement did not preclude the communities from sending a specific representative to the plan update meetings, but rather allowed greater flexibility in scheduling and a unified voice for the community.

Follow-Up Meeting with Consultants

Some communities, such as Leon Valley (Bexar County) were unable to attend one or more of the scheduled committee meetings. To ensure that they were able to fully participate in the plan update process, they arranged with the planning consultants to have the meeting documentation sent to them via email, and then scheduled a time to review it and speak with the planning consultants, to provide input and information where necessary.

County/Municipality Specific Meeting with Consultants

Another example of this process was practiced by Medina County and its participating municipalities. Scheduling conflicts prevented most of the jurisdictions within Medina County to attend the scheduled committee meetings (excepting the City of Devine, who had no such conflict). To offset this conflict, the county scheduled a meeting with the AACOG and the planning consultants, and invited all of the municipalities within the county to attend. This meeting was attended by all communities and the county. Information was gathered for the plan update, decisions were made regarding the information the county and the municipalities would include in the plan update, and assignments were given regarding the gathering and submission of other documentation and information needed for the plan update. Prior to this meeting, the handouts from the committee meeting were sent to the participants, all of whom were asked to review both the handouts and the previous plan prior to the meeting. As a result of this meeting, Medina County and the Communities of Castroville, Devine, Hondo and Natalia were able to participate in the plan update process.

Each jurisdiction within the planning area was invited to participate in the plan update process, including those that did not participate in the development of the original plan in 2005. All participants received the same requests for information to contribute to the plan update, and the same information regarding the findings of all assessments completed during the plan update. While there was some variation in the "how" each jurisdiction participated, the outcome – participation in the plan update process - was similar for all participants.

Some jurisdictions opted to be represented by the County in the plan update process. Others opted to send their own representatives to the plan update meetings. This decision was largely dependent on scheduling, and available staff resources. See Table 5.2.1-5 (below) for details as to how each jurisdiction participated in the Plan Update.

Table 5.2.1-4
Plan Update Participation Summation

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Atascosa County		Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Charlotte	Atascosa	Represented by County Representative at AACOG plan update meetings; participated in local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Christine	Atascosa	Represented by County Representative at AACOG plan update meetings; provided information to local team; provided information regarding mitigation actions (completed and new) for plan update
Lytle	Atascosa	Represented by County Representative at AACOG plan update meetings; provided information to local team; provided information regarding mitigation actions (completed and new) for plan update
Pleasanton	Atascosa	Represented by County Representative at AACOG plan update meetings; provided information to local team; provided information regarding mitigation actions (completed and new) for plan update
Jourdanton	Atascosa	Represented by County Representative at AACOG plan update meetings; participated in local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Poteet	Atascosa	Represented by County Representative at AACOG plan update meetings; provided information to local team; provided information regarding mitigation actions (completed and new) for plan update
Bandera County		Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Bandera	Bandera	Represented by County Representative at AACOG plan update meetings, participated in local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Bexar County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Alamo Heights	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Balcones Heights	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Converse	Bexar	Attended AACOG plan update meetings; participated in Bexar County's local mitigation team meeting (jurisdiction is too small to have their own team); provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Helotes	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Kirby	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Leon Valley	Bexar	Jurisdiction was unable to attend AACOG plan update meetings - see page 5-7 for description of alternate participation methodology; held local mitigation team meeting, provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Live Oak	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Saint Hedwig	Bexar	Attended AACOG plan update meetings; participated in Bexar County's local mitigation team meeting (jurisdiction is too small to have their own team); provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
San Antonio	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Somerset	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Terrell Hills	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Universal City	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Windcrest	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Von Ormy	Bexar	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Comal County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Bulverde	Comal	Represented by County Representative at AACOG plan update meetings; provided information to local team; provided information regarding mitigation actions (completed and new) for plan update
Garden Ridge	Comal	Represented by County Representative at AACOG plan update meetings; provided information to local team; provided information regarding mitigation actions (completed and new) for plan update
New Braunfels	Comal	Represented by County Representative at some AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Comal County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Frio County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Dilley	Frio	Represented by County Representative at AACOG plan update meetings; attended and provided information to Frio County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Pearsall	Frio	Represented by County Representative at some AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Frio County local team meeting; provided information regarding mitigation actions (completed and new) for plan update

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Gillespie County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Fredericksburg	Gillespie	Attended AACOG plan update meetings; attended and provided information to joint City/County local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Guadalupe County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Cibolo	Guadalupe	Represented by County Representative at AACOG plan update meetings; attended and provided information to Guadalupe County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Seguin	Guadalupe	Represented by County Representative at AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Guadalupe County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Schertz	Guadalupe	Represented by County Representative at AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Guadalupe County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Karnes County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Falls City	Karnes	Represented by County Representative at AACOG plan update meetings; attended and provided information to Karnes County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Karnes City	Karnes	Represented by County Representative at AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Karnes County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Kenedy	Karnes	Represented by County Representative at AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Karnes County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Runge	Karnes	Represented by County Representative at AACOG plan update meetings; Jurisdictional representative was able to attend some plan update meetings; attended and provided information to Karnes County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Kerr County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Ingram	Kerr	Jurisdictional representative attended AACOG plan update meetings; attended and provided information to joint City/ County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Kerrville	Kerr	Jurisdictional representative attended AACOG plan update meetings; attended and provided information to joint City/ County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
Medina County		Jurisdiction was unable to attend AACOG plan update meetings - see narrative for description of alternate participation methodology; held joint City/County local mitigation team meeting, provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
Castroville	Medina	Jurisdiction was unable to attend AACOG plan update meetings - see narrative for description of alternate participation methodology; held joint City/County local mitigation team meeting, provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Devine	Medina	Jurisdiction attended some AACOG plan update meetings - see narrative for description of alternate participation methodology; held joint City/County local mitigation team meeting, provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Hondo	Medina	Jurisdiction was unable to attend AACOG plan update meetings - see narrative for description of alternate participation methodology; held joint City/County local mitigation team meeting, provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Natalia	Medina	Jurisdiction was unable to attend AACOG plan update meetings - see narrative for description of alternate participation methodology; held joint City/County local mitigation team meeting, provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Wilson County		Attended AACOG plan update meetings; held local mitigation team meeting, provided information regarding assets; hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Floresville	Wilson	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

AACOG Plan Update Participation Summary		
Participating Jurisdiction	**County**	**Method of Participation in Plan Update**
La Vernia	Wilson	Attended AACOG plan update meetings; held local mitigation team meeting; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information
Stockdale	Wilson	Attended AACOG plan update meetings; attended and provided information to Wilson County local team meeting; provided information regarding mitigation actions (completed and new) for plan update
San Antonio River Authority		Attended AACOG plan update meetings; attended and participated in local mitigation team meetings in Bexar, Karnes and Wilson counties; provided information regarding assets, hazard occurrences, and mitigation actions (completed and new) for incorporation into plan update; held follow-up meetings with planning consultants to provide specific jurisdictional information

In addition to EMCs and elected officials, participating jurisdictions were also encouraged to involve their floodplain manager or administrator in the planning process. Each NFIP participating jurisdiction should have a Floodplain Administrator (FPA), according to the NFIP and FEMA, and the majority (though not all) of the participants in this planning process do have one. In many cases, however, the FPA is an appointed position, and is not a CFM or otherwise experienced floodplain manager. Rather, they are more of a point of contact for floodplain management and regulatory compliance issues.

Participants in this planning process were encouraged to involve their floodplain managers in the plan development process, and many choose to heed this encouragement. For many participants in this planning process, the day-to-day business of planning and floodplain management is a consolidated effort, sometimes in the absence of any official documentation or agreement. Because of the size and limited resources of many of the participating jurisdictions, informal systems and agreements have been developed by which, for example, a representative from the County may stand on behalf of both the County and one or more incorporated jurisdictions. This approach has the advantage of maximizing staff time and resources as well as insuring that all planning and emergency management efforts are coordinated. It also ensures that someone with knowledge of the floodplain issues and concerns of the area is available throughout the process.

Appendix L contains a table that lists the FPAs for the participating jurisdictions (as of 05-11-10) as of the Kickoff Meeting for this planning process, and whether or not those FPAs were involved in the planning process, based on the documentation provided. The source documentation for this table, which was obtained from FEMA via the Texas Water Development Board, can be found at the end of this appendix.

Meeting Schedule

There were several meetings conducted during the development of the Plan Update. These meetings are described in Table 5.2.1-4. The meetings focused primarily on the review of work-in-progress for the development of the Plan Update. However, in some cases, the meetings were essentially working sessions for identification of potential mitigation projects.

Table 5.2.1-5
AACOG EMC Meeting Schedule and Summary

AACOG Region EMC Meeting Schedule and Summary		
Date	**Meeting Name**	**Meeting Summary**
June 18, 2010	Kickoff Meeting	EMC members attended kickoff meeting for plan update project. An overview of the mitigation planning process was presented; project timeline and responsibilities were identified; hazards to be profiled were determined. A list was provided to participants that gave them information regarding hazards included in the 2005 Plan, hazards identified in the most recent State Plan, and other potential hazards to consider, as outlined in FEMA 386.
July 29 and 30, 2010	Meeting #2	EMC members attended one of two identical meetings held over two days. Attendees reviewed the hazards to be profiled, and determined to make adjustments to the listing. Attendees also participated in a qualitative risk assessment ranking exercise. Discussions were held with representatives from each jurisdiction regarding information and documentation that would be needed from each jurisdiction. A timeline for gathering and submission of this information was established.
October 18, 2010	Meeting #3	EMC members attended one of two identical meetings held on this date. The results of the risk assessment (to date) were reviewed. The capability assessment was discussed, and guidance was provided for local team meetings, at which final mitigation actions and prioritizations will be decided. Attendees were provided with guidance on information still needed from their jurisdiction. A discussion was held as to the mitigation goals that were identified in the 2005 Plan, and the applicability of those goals to the participant's current capability and capacity. Revisions were made to the 2005 goals.

AACOG Region EMC Meeting Schedule and Summary		
Date	**Meeting Name**	**Meeting Summary**
November and December 2010	Local Team Meetings	Jurisdictions held or participated in local team meetings. These public meetings were held to review previous actions, determine new actions, and to prioritize all actions for inclusion in the plan. (Details later in this section.)

Appendices E, F and G contain documentation for these meetings including agendas, sign-up sheets, presentation materials, and meeting notes where appropriate.

5.2.1.2 Step 2: Assess Risks

In accordance with general mitigation planning practice, as well as the process FEMA established in its *How-to Guides*, the risk assessment forms the basis for this Plan Update by quantifying and rationalizing information about how natural and manmade hazards affect the AACOG Region and the participating jurisdictions, including SARA.

To begin the hazard identification and risk assessment process, the consultants analyzed the hazards, vulnerabilities and risks identified in the 2005 Plan. Lists were developed from this existing information; these lists served as the basis for all hazard identification and risk assessment discussion going into the Plan Update.

The processes used to complete the hazard identification and risk assessments, and the results of these activities, are described in Section 6 of this Plan. The assessment determined several aspects of the risks of hazards faced by the AACOG Region, participating jurisdictions, and SARA:

- The hazards profiled in the 2005 Plan;
- The risks and vulnerabilities defined in the 2005 Plan;
- The hazards that are most likely to affect the AACOG Region;
- How often hazards are expected to impact the AACOG Region;
- The expected severity of the hazards;
- What areas of the AACOG Region are likely to be affected by hazards;
- How the AACOG Region's assets, operations, people, and infrastructure may be impacted by hazards;
- How private and commercial assets, operations, infrastructure may be impacted by hazards; and
- The expected future losses if the risk is not mitigated.

Each member of the EMC received a memo detailing the hazards considered in the previous Plan, and a listing of additional hazards that could be considered for inclusion in the Update. Members were asked to consider the hazard history, and to provide their thoughts on which hazards should be included in the Update. Next, using quantitative data, the EMC reduced the initial list of hazards down to 14 that were considered the most relevant for this type of planning process at the regional scale. These hazards are described in the Hazard Identification and Risk Assessment portion of the Plan Update (Section 6). These are considered by the EMC to represent the most predominant risks to the area.

- Flooding (Flash and Riverine)
- Dam and Levee Failure
- Tornado
- Tropical System / Hurricane
- Thunderstorm
- Drought
- Hail
- Wildfire
- Winter Storm
- Geologic Hazards: Earthquakes and Sinkholes
- Energy Pipeline Failure
- Hazardous Materials Incident (Transportation and Fixed Site)
- Pandemic (Human and Animal)
- Terrorism

These are considered by the EMC to represent the most predominant risks to the area.

These hazards were further considered for qualitative and quantitative risk assessments. All hazards profiled received a qualitative risk assessment. Discussion and consideration by the Committee, which focused on historical occurrence, probability of future occurrence and impact, and availability of quantitative data, further reduced the list to 5 (five) hazards that were selected to receive quantitative risk assessments. Those hazards are as follows:

- Flooding (Flash and Riverine)
- Dam and Levee Failure
- Tropical Systems / Hurricanes
- Wildfire
- Earthquakes

For each of these hazards, the consultants performed detailed risk assessments, i.e. calculations of future expected damages, expressed in dollars where appropriate. Where applicable and reasonable, the risk assessment data from the 2005 Plan served as the basis for the risk assessment developed for this Plan Update. These results were discussed in detail with the EMC at the third Meeting, and determinations were made as to each hazard's risk to People Life Safety, Buildings and Critical Facilities, and Infrastructure. The results of the risk assessment were also made available to the public during the public presentations (see Section 5.3). The full process and results of this work is presented in the Hazard Identification and Risk Assessment portion of this Plan (Section 6).

Unless otherwise noted, all counties and municipalities within the AACOG Region were determined to have the same risk from the assessed hazards.

5.2.1.3 Step 3: Develop the Mitigation Plan

The goals and objectives outlined in the 2005 Plan were reviewed and used as a basis for developing the goals and objectives in the Plan Update. After reviewing the existing information, the EMC developed an updated series of goals and objectives in response to the results of the updated hazard identification and risk assessment.

A capability assessment was also conducted to help determine the capacity of the AACOG Regional plan participants to implement hazard mitigation projects. In order to show progression or regression in capability, the 2005 Plan's capability assessment was analyzed, and the Plan Update assessment was modeled on the 2005 version.

In addition, the EMC and the consultants worked with the participating jurisdictions, on an individual basis, to identify potential problems and hazard mitigation project solutions to include in the Mitigation Action Plan. The participants were asked to review and update the 2005 Mitigation Action Plan for their jurisdiction, and to update the status of all strategies identified there. They were also asked to identify any new strategies that would address any new vulnerabilities identified by the Plan Update. The Mitigation Action Plan was discussed and validated by the EMC. The results of these efforts are detailed in Section 8.

5.2.1.4 Step 4: Implement the Plan and Monitor Progress

Finally, the EMC identified a process for on-going monitoring and revisions to the Plan over the next five years. Section 9 details the resulting monitoring, evaluation, and plan update procedures. Consideration was given to the process described in the 2005 Plan. The EMC determined that the process described should be revised, given that this Plan Update will be the last Regional Mitigation Plan in the State of Texas, and that future updates will be limited to no more than two counties per plan. It was determined that the process described in the Plan Update should allow the participating jurisdictions to assume more responsibility for the monitoring and maintenance of the data in the Plan Update that pertains to their jurisdiction, while AACOG will remain responsible for the overall Plan Update monitoring and maintenance.

5.3 Involvement by the Public and Other Interested Parties

During the development of this Plan Update, and prior to the adoption of the Plan Update by the participating jurisdictions, the public was involved through requesting their participation in three public presentations/meetings, providing drafts of the Plan for their review, and inviting their comments on the contents of the Plan. The public presentations and meetings are detailed in Table 5.3.-1.

Table 5.3-1
AACOG EMC Public Meeting Schedule

AACOG Region EMC Public Meeting Schedule		
Date	**Meeting Name**	**Meeting Location**
June 18, 2010	Kickoff Meeting	AACOG Office – San Antonio, TX
July 29 and 30, 2010	Meeting #2	Wilson County Criminal Justice Facility (July 29th) AACOG Office – San Antonio, TX (July 30th)
October 18, 2010	Meeting #3	AACOG Office – San Antonio, TX

Each participating jurisdiction was asked to hold a public meeting during the plan update development process. The purpose of this public meeting was to determine, discuss and prioritize the mitigation actions that would be included in the plan update for that jurisdiction. While not all jurisdictions were able to hold this meeting, the majority were able to do so, with the meetings published and open to the public. (Note: Some jurisdictions opted to consolidate their efforts with other jurisdictions.) The following table provides information regarding these meetings.

Note to Reviewers: A second public meeting will be held by all participating jurisdictions prior to adoption of the Plan Update. The text above and the table below will be amended to include information regarding those meetings once this activity occurs.

Table 5.3-2
Jurisdictional Public Meeting Schedule

AACOG Region EMC Public Meeting Schedule			
Jurisdiction	**Date**	**Meeting Name**	**Meeting Location**
Atascosa County	**11/15/2010**	**County Hazard Mitigation Team Meeting**	**Jourdanton, TX**
City of Charlotte	11/15/2010	County Hazard Mitigation Team Meeting	Jourdanton, TX
City of Christine	11/15/2010	County Hazard Mitigation Team Meeting	Jourdanton, TX
City of Lytle	11/15/2010	County Hazard Mitigation Team Meeting	Jourdanton, TX
City of Pleasanton	11/15/2010	County Hazard Mitigation Team Meeting	Jourdanton, TX
City of Jourdanton	11/15/2010	County Hazard Mitigation Team Meeting	Jourdanton, TX
Bandera County	**11/29/2010**	**County Hazard Mitigation Team Meeting**	**Bandera, TX**
City of Bandera	11/29/2010	County Hazard Mitigation Team Meeting	Bandera, TX
Bexar County	**11/18/2010**	**County Hazard Mitigation Team Meeting**	**San Antonio, TX**
City of Alamo Heights	11/23/2010	City of Alamo Heights Hazard Mitigation Team Meeting	San Antonio, TX
City of Balcones Heights	11/23/2010	City of Balcones Heights Hazard Mitigation Team Meeting	Balcones Heights, TX
City of Converse	11/18/2010	County Hazard Mitigation Team Meeting	San Antonio, TX
City of Helotes	11/18/2010	City of Helotes Hazard Mitigation Team Meeting	Helotes, TX
City of Kirby	11/03/2010	City of Kirby Hazard Mitigation Team Meeting	Kirby, TX
City of Leon Valley	12/29/2010	City of Leon Valley Hazard Mitigation Team Meeting	Leon Valley, TX
City of Live Oak	11/09/2010	City of Live Oak Hazard Mitigation Team Meeting	Live Oak, TX
City of Saint Hedwig	11/18/2010	County Hazard Mitigation Team Meeting	San Antonio, TX
City of San Antonio	08/02/2010	EOC Partnership Meeting	San Antonio, TX
City of Somerset	01/04/11	City of Somerset Hazard Mitigation Team Meeting	Somerset, TX
City of Terrell Hills	11/08/2010	City of Terrell Hills Hazard Mitigation Team Meeting	Terrell Hills, TX
City of Universal City	11/04/2010	City of Universal City Hazard Mitigation Team Meeting	Universal City, TX
City of Von Ormy	11/29/2010	City of Von Ormy Hazard Mitigation Team Meeting	Von Ormy, TX

AACOG Region EMC Public Meeting Schedule			
Jurisdiction	**Date**	**Meeting Name**	**Meeting Location**
City of Windcrest	11/29/2010	City of Windcrest Hazard Mitigation Team Meeting	Windcrest, TX
Comal County	**11/23/2010**	**Comal County Hazard Mitigation Team Meeting**	**New Braunfels, TX**
City of Bulverde	11/23/2010	Comal County Hazard Mitigation Team Meeting	New Braunfels, TX
City of Garden Ridge	11/23/2010	Comal County Hazard Mitigation Team Meeting	New Braunfels, TX
City of New Braunfels	11/23/2010	Comal County Hazard Mitigation Team Meeting	New Braunfels, TX
Frio County	**11/22/2010**	**Frio County Hazard Mitigation Team Meeting**	**Pearsall, TX**
City of Dilley	11/22/2010	Frio County Hazard Mitigation Team Meeting	Pearsall, TX
City of Pearsall	11/22/2010	Frio County Hazard Mitigation Team Meeting	Pearsall, TX
Gillespie County	**11/18/2010**	**Gillespie County / Fredericksburg Hazard Mitigation Team Meeting**	**Fredericksburg, TX**
City of Fredericksburg	11/18/2010	Gillespie County / Fredericksburg Hazard Mitigation Team Meeting	Fredericksburg, TX
Guadalupe County	**11/10/2010**	**Guadalupe County Hazard Mitigation Team Meeting**	**Seguin, TX**
City of Cibolo	11/10/2010	Guadalupe County Hazard Mitigation Team Meeting	Seguin, TX
City of Santa Clara	11/10/2010	Guadalupe County Hazard Mitigation Team Meeting	Seguin, TX
City of Seguin	11/10/2010	Guadalupe County Hazard Mitigation Team Meeting	Seguin, TX
City of Schertz	11/10/2010	Guadalupe County Hazard Mitigation Team Meeting	Seguin, TX
Karnes County	**12/02/2010**	**Karnes County Hazard Mitigation Team Meeting**	**Kenedy, TX**
City of Falls City	12/02/2010	Karnes County Hazard Mitigation Team Meeting	Kenedy, TX
City of Karnes City	12/02/2010	Karnes County Hazard Mitigation Team Meeting	Kenedy, TX
City of Kenedy	12/02/2010	Karnes County Hazard Mitigation Team Meeting	Kenedy, TX
City of Runge	12/02/2010	Karnes County Hazard Mitigation Team Meeting	Kenedy, TX
Kerr County	**11/23/2010**	**City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team Meeting**	**Kerrville, TX**
City of Ingram	11/23/2010	City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team Meeting	Kerrville, TX
City of Kerrville	11/23/2010	City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team Meeting	Kerrville, TX

AACOG Region EMC Public Meeting Schedule			
Jurisdiction	**Date**	**Meeting Name**	**Meeting Location**
Medina County	**11/30/2010**	**Medina County Hazard Mitigation Team Meeting**	**Hondo, TX**
City of Castroville	11/30/2010	Medina County Hazard Mitigation Team Meeting	Hondo, TX
City of Devine	12/07/2010	City of Devine Hazard Mitigation Team Meeting	Devine, TX
City of Hondo	11/30/2010	Medina County Hazard Mitigation Team Meeting	Hondo, TX
City of Natalia	11/30/2010	Medina County Hazard Mitigation Team Meeting	Hondo, TX
Wilson County	**11/22/2010**	**Wilson County Hazard Mitigation Team Meeting**	**Floresville, TX**
City of Floresville	11/18/2010	City of Floresville Hazard Mitigation Team Meeting	Floresville, TX
City of La Vernia	12/17/2010	City of La Vernia Hazard Mitigation Team Meeting	La Vernia, TX
City of Stockdale	**11/22/2010**	**Wilson County Hazard Mitigation Team Meeting**	**Floresville, TX**
San Antonio River Authority	**11/18/2010** **12/02/2010** **11/22/2010**	**Bexar County Hazard Mitigation Team Meeting** **Karnes County Hazard Mitigation Team** **Wilson County Hazard Mitigation Team Meeting**	**San Antonio, TX** **Kenedy, TX** **Floresville, TX**

As a part of the public meeting process, all meeting announcements were published, and all meetings were open to the public. Other parties that may have an interest in the plan development process were welcome to attend, including neighboring communities, other agencies, local businesses, non-profit organizations, and academia. Despite this public announcement, no non-participating entities choose to attend the meetings, either during the development phase or during the public comment phase. All attendees either attended as representatives of the participating jurisdiction or as private citizens.

In addition, notice was sent to participating jurisdictions and other interested parties that the Draft and Final Plans were available for review prior to adoption by the AACOG and the participating jurisdictions, including SARA. Meetings materials and copies of relevant correspondence are included in Appendices E, F and G.

5.4 Review and Incorporation of Plans, Studies, Reports, and Other Information

Existing plans and programs were reviewed during the planning process. This plan does not replace other planning efforts, such as the Texas Homeland Security Strategic Plan or the State Emergency Operations and Response Plan. This hazard mitigation plan complements other planning efforts and builds on their recommendations.

5.4.1 Federal Government

Selected key federal sources of information and pre-existing planning work are presented in Table 5.4.1-1.

Table 5.4.1-1
Federal Documents and Data Utilized

Federal Documents and Data Utilized	
Existing Program/Policy/Technical Documents	**Method of incorporation into the Plan**
FEMA disaster declarations database and other general hazard data	Used in hazard identification and risk assessment (HIRA) development and history of loss data for multiple hazards
FEMA/National Flood Insurance Program Flood Maps (Flood Insurance Rate Maps, Digital Flood Insurance Rate Maps (DFIRM))	Used in developing HIRA, strategies, and mitigation actions
FEMA Hazards-US (HAZUS) v.1.1	Used in developing various risk assessments and critical facilities inventories
FEMA Benefit-Cost Analysis methodology	Used in developing various risk assessments
FEMA/NFIP Community Status Book, Community Rating System Eligible Communities	Used in developing capability assessments and mitigation actions
FEMA tornado activity in the United States	Used in developing HIRA and history of loss data
National Oceanic and Atmospheric Administration (NOAA)/National Climatic Data Center (NCDC) database	Used in developing history and description of major hazard events for multiple hazards
NOAA Coastal Service Center - Historic Hurricane Tracks Database	Used in developing HIRA, strategies and mitigation actions
NOAA National Hurricane Center (NHC) - Hurricane Preparedness, Storm Surge	Used in developing HIRA, strategies and mitigation actions
United States Army Corp of Engineers - Hurricane Evacuation Study Transportation Analysis, including storm surge mapping	Used in developing HIRA, strategies and mitigation actions
United States Census Bureau data	Used in developing various risk assessments and establishing planning context
United States Department of Agriculture – community and disaster declaration information	Used in identifying Special Circumstance Communities, Secretarial Disaster Declarations
United States Geological Survey (USGS) National Hazard Seismic Mapping Project	Used in developing HIRA and history of loss data
United States Environmental Protection Agency Toxic Release Inventory	Used in developing hazard identification, strategies, and mitigation actions
United States Department of Transportation Hazardous Materials Incident Data	Used in developing hazard identification, strategies, and mitigation actions

5.4.2 State of Texas

Selected state sources of information and pre-existing planning work are presented in this section.

2009 State of Texas Hazard Mitigation Plan

The State of Texas completed the current 2009 State Hazard Mitigation Plan Update to meet the requirements of IFR Section 201.4(d), which mandates that states update their mitigation plans every three years, "to reflect changes in development, progress in state wide mitigation efforts, and changes in priorities." The latest update to the State Hazard Mitigation Plan was completed in the aftermath of Hurricane Ike.

The plan is the demonstration of Texas' commitment to reduce risks from natural hazards and serves as a guide for both state and local decision makers as they commit resources to reducing the effects of natural hazards on lives and property. It is designed to outline a strategy to reduce risks from natural hazards in Texas, and to aid state and local emergency management officials in developing hazard reduction programs.

It is TDEM's intent to use the plan as a way to provide data to local and regional governments to support their mitigation planning processes, and to provide guidance on best practices. For each on-going plan development effort, TDEM mitigation planning staff is available to answer any questions and to direct planners to state resources or tools. TDEM staff also is available during the draft plan development to answer any questions or provide guidance and assistance.

The statewide mitigation strategies, goals, and objectives, methods of incorporating a varied cross section of relevant disciplines, hazard specific information, and specific data sources are present within the plan and were utilized in the development of the AACOG Regional Hazard Mitigation Plan Update.

Other State of Texas Information

In addition to the State of Texas Hazard Mitigation Plan, selected state sources of information and pre-existing planning work are presented in Table 5.4.2-1.

Table 5.4.2-1
State Documents and Data Utilized

Other State Documents and Data Utilized	
Existing Program/Policy/Technical Documents	**Method of incorporation**
State of Texas Hazard Mitigation Plan (2009)	Used in development of HIRA.
Data from the Bureau of Economic Geology (University of Texas)	Used in hazard profiling and loss estimation
Data from the Texas General Land Office	Used in development of HIRA, strategies and mitigation actions
Data from the Alamo Area Council of Governments	Used in future development analysis, development of HIRA and strategies
Data from Texas Commission on Environmental Quality	Used in development of HIRA and community profile
Data from the Texas Railroad Commission	Used in development of HIRA
Texas Hazard Mitigation Package	Used in development of HIRA

Other State Documents and Data Utilized	
Existing Program/Policy/Technical Documents	**Method of incorporation**
Texas Water Development Board	Used in development of participation documentation

5.4.3 AACOG

Established in 1967, the Alamo Area Council of Governments (AACOG) is a voluntary association of local governments and organizations that serves its members through planning, information and coordination activities. The 12 counties that comprise the Alamo Area planning region are Atascosa, Bandera, Bexar, Comal, Frio, Gillespie, Guadalupe, Karnes, Kendall, Kerr, Medina and Wilson. In addition, several special districts, public utilities, municipal organizations, and planning/advisory committees are also members of AACOG.

The agency is also designated as the regional clearinghouse that reviews and comments upon grant applications submitted for state and federal funding by organizations throughout the 12-county region. Further, AACOG provides direct technical assistance to member governments in their planning functions, preparation of applications and the administration of area-wide programs. Support for these activities is provided through local dues, state appropriations, state and federal grants that are matched by local monies and other public and private funds.

Citizen participation is encouraged at all AACOG meetings, which include the meeting of the Area Council, the Board of Directors, and program advisory and community committees. The Area Council, made up of representatives of the member governments, meets twice yearly to set general policy, review and approve the annual budget and to elect officers. All meetings are open to the public and accessible to people with disabilities. All residents of the Alamo Area region are strongly encouraged to become informed about and involved in the important activities and planning processes occurring daily through the programs and staff support of the Alamo Area Council of Governments.

Selected key AACOG sources of information and pre-existing planning work are presented in Table 5.4.3-1.

Table 5.4.3-1
AACOG Documents and Data Utilized

AACOG Documents and Data Utilized	
Existing Program/Policy/Technical Documents	**Method of incorporation into the Plan**
2005 AACOG Regional Mitigation Plan	Basis of plan update
Various GIS datasets	Used in development of HIRA

5.4.4 Counties

Upon initiating the plan development process, the AACOG point of contact made initial contacts to re-activate the EMC. Concurrent with that effort, all of the local Emergency Management coordinators were made aware of the significance of this planning effort. A comprehensive *wish list* of documents, data sources, maps, studies, Emergency Operations Plans, land use data, laws, and ordinances was provided with the task of collecting as much of the items as possible. The EMC and AACOG regularly provided guidance and support in this gathering effort through the use of e-mail inquiries, phone contact, and agenda items at the meetings.

Selected key county sources of information and pre-existing planning work are presented in Table 5.4.4-1.

Table 5.4.4-1
County Documents and Data Utilized

County Documents and Data Utilized	
Existing Program/Policy/Technical Documents	**Method of incorporation into the Plan**
County Emergency Management Plans	Used in development of HIRA, loss estimations, community profiles
County Storm Water Management Plans	Used in development of HIRA, loss estimations, community profiles
County Emergency Operations Plans	Used in development of HIRA, loss estimations, community profiles
County Capital Improvement Plans	Used in development of HIRA, loss estimations, community profiles
County Evacuation Annexes	Used in development of HIRA, loss estimations, community profiles
County Mitigation Annexes	Used in development of HIRA, loss estimations, community profiles
County Recovery Annexes	Used in development of HIRA, loss estimations, community profiles
County Comprehensive Plans	Used in development of HIRA, loss estimations, community profiles
County Historic Preservation Plans	Used in development of community profiles
County After Action Reports and other incident documentation	Used in development of HIRA

5.4.5 Municipalities

Upon initiating the plan development process, the AACOG point of contact made initial contacts to reform the EMC Concurrent with that effort, all of the local Emergency Management coordinators were made aware of the significance of this planning effort. A comprehensive *wish list* of documents, data sources, maps, studies, Emergency Operations Plans, land use data, laws, and ordinances was provided with the task of collecting as much of the items as possible. The EMC and AACOG regularly provided guidance and support in this gathering effort through the use of e-mail inquiries, phone contact, and agenda items at the meetings.

Selected key municipal sources of information and pre-existing planning work are presented in Table 5.4.5-1.

Table 5.4.5-1
Municipal Documents and Data Utilized

Municipal Documents and Data Utilized	
Existing Program/Policy/Technical Documents	**Method of incorporation into the Plan**
Municipal Emergency Management Plans	Used in development of HIRA, loss estimations, community profiles
Municipal Storm Water Management Plans	Used in development of HIRA, loss estimations, community profiles
Municipal Emergency Operations Plans	Used in development of HIRA, loss estimations, community profiles
Municipal Capital Improvement Plans	Used in development of HIRA, loss estimations, community profiles
Municipal Evacuation Annexes	Used in development of HIRA, loss estimations, community profiles
Municipal Mitigation Annexes	Used in development of HIRA, loss estimations, community profiles
Municipal Recovery Annexes	Used in development of HIRA, loss estimations, community profiles
Municipal Comprehensive Plans	Used in development of HIRA, loss estimations, community profiles
Municipal After Action Reports and other incident information	Used in development of HIRA

5.5 Non-Participating Jurisdictions

All members of the AACOG, and all jurisdictions that would logically be included in the Plan Update, were repeatedly invited to participate in the Plan Update process. Some jurisdictions did not respond to these invitations. They did not participate in the Plan Update process, did not attend any meetings, and did not submit any documentation or information, despite repeated requests. In some cases, these jurisdictions did attend a meeting and/or did submit some of the requested information/documentation, but their involvement was insufficient to be described as a participant. This is particularly true when compared to those jurisdictions who did fully participate. These jurisdictions are not included in this Plan Update, as they cannot be said to have participated in the planning process.

(Note: In the case of Kendall County and its municipalities, non-participation was due to their inclusion in a different hazard mitigation plan.)

The table below identifies those 2005 participants who choose not to participate in the Plan Update, as well as new participants to the Plan Update.

Table 5.5-1
Changes in Participants Between 2005 and 2012 Plans

2005 Participants Not Participating in Plan Update	New Participants to the Plan Update
City of China Grove (Bexar County)	City of St. Hedwig (Bexar County)
City of Castle Hills (Bexar County)	City of Von Ormy (Bexar County)
City of Fair Oaks Ranch (Bexar County	City of Cibolo (Guadalupe County)
City of Grey Forest (Bexar County)	
City of Hill Country Village (Bexar County)	
City of Hollywood Park (Bexar County)	
City of Olmos Park (Bexar County)	
City of Selma (Bexar County)	
City of Shavano Park (Bexar County)	
Goliad County	
City of Goliad (Goliad County)	
City of Lacoste (Medina County)	
City of Poth (Wilson County)	
City of Marion (Guadalupe County)	
City of New Berlin (Guadalupe County)	
City of Staples (Guadalupe County)	

All municipalities listed as "not participating" in the above table are not included in this Plan Update.

HAZARD IDENTIFICATION, PROFILING AND RANKING

Section 6
Hazard Identification and Risk Assessment

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  - 6.5.4.1 Hazard Identification
  - 6.5.4.2 Risk Assessment
- 6.5.5 Thunderstorm
  - 6.5.5.1 Hazard Identification
  - 6.5.5.2 Risk Assessment
- 6.5.6 Drought
  - 6.5.6.1 Hazard Identification
  - 6.5.6.2 Risk Assessment
- 6.5.7 Hail
  - 6.5.7.1 Hazard Identification
  - 6.5.7.2 Risk Assessment
- 6.5.8 Wildfire
  - 6.5.8.1 Hazard Identification
  - 6.5.8.2 Risk Assessment
- 6.5.9 Winter Storm
  - 6.5.9.1 Hazard Identification
  - 6.5.9.2 Risk Assessment

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6.5.10.1 Hazard Identification
6.5.10.2 Risk Assessment
6.5.11 Energy Pipeline Failure
6.5.11.1 Hazard Identification
6.5.11.2 Risk Assessment
6.5.12 Hazardous Materials Incident (Transportation and Fixed Site)
6.5.12.1 Hazard Identification
6.5.12.2 Risk Assessment
6.5.13 Pandemic (Human and Animal)
6.5.13.1 Hazard Identification
6.5.13.2 Risk Assessment
6.5.14 Terrorism
6.5.14.1 Hazard Identification
6.5.14.2 Risk Assessment
6.6 Summary of Hazard Identification and Risk Assessment

6.1 IFR Requirement for Hazard Identification and Profiling

Requirement 201.6(c)(2)(i) :*[The risk assessment shall include] A description of the … location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.*

6.2 IFR Requirement for Risk Assessment

Requirement §201.6(c)(2): *The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

Requirement §201.6(c)(2)(ii): *[The risk assessment shall include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.*

Requirement §201.6(c)(2)(ii): *[The risk assessment]* ***must*** *also address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged floods.*

Requirement §201.6(c)(2)(ii)(A): *The plan* ***should*** *describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area .*

Requirement §201.6(c)(2)(ii)(B): *[The plan* ***should*** *describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate . .*

Requirement §201.6(c)(2)(ii)(C): *[The plan **should** describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Requirement §201.6(c)(2)(iii): *For multi-jurisdictional plans, the risk assessment **must** assess each jurisdiction's risks where they vary from the risks facing the entire planning area.*

6.3 Hazard Identification

In accordance with IFR requirements, and as part of its efforts to support and encourage hazard mitigation initiatives, the AACOG Executive Mitigation Committee (EMC) updated this general assessment of the hazards that have potential to impact the region, and assessed the risks associated with those hazards. The following subsections provide an overview of past hazard events in the planning area, and provide an assessment of risks and potential for future losses.

The hazards identified and profiled in the 2005 Plan were analyzed and considered for inclusion in the Plan Update, as were additional hazards that have been identified since the 2005 Plan's approval and adoption. The EMC discussed each hazard, and ultimately determined the list of hazards that would be included in the Plan Update.

The term *planning area* is used frequently in this section. This term refers to the geographic limits of the Alamo Area Council of Government. The Risk Assessment sub-sections address the effects of hazards on the region, counties, municipalities, and residents, where reliable data was available.

6.3.1 Methodology for Identifying Hazards of Concern

In accordance with the requirements of the Interim Final Rule, all hazards with potential to affect the planning area are profiled in this section of the Plan Update. However, because this is a regional hazard mitigation plan it is useful to identify the hazards that are of the most concern region-wide, so these can be the focus of more detailed assessment. It is important to note, however, that many hazards and risks are very site-specific, so as local municipalities perform more detailed risk assessments and identify mitigation actions they should recognize that this process and the resulting table should be used only as a guide.

Various national, regional and local sources were used to identify and classify different hazards for the AACOG Region. The criteria used were:

1. **History** – incorporating historical accounts and records that the hazard has affected the region often in the past, and that the hazard has occurred often and/or with widespread or severe consequences.
2. **Potential for mitigation** – acknowledging that there are ways to address the hazard, and that the methods are technically feasible and have the potential to be cost-effective [i.e. mitigation measures are available at a reasonable cost, and damages to property, lives and/or community functions would be reduced or eliminated.]
3. **Presence of susceptible areas or vulnerability** – indicating that the AACOG Region has numerous facilities, operations or populations that may be subjected to damage from the hazard.

4. **Data availability** – demonstrating that sufficient quality data is available to permit an accurate and comprehensive risk assessment.
5. **Federal disaster declarations and local emergency declarations** – noting that counties within the AACOG Region have received numerous disaster declarations for the particular hazard.

The table following lists the hazards, describes the rationale for identifying (or not identifying) hazards as significant, shows sources of information that were consulted for the determination, and the disposition of the hazard with regard to risk assessment in this plan.

Table 6.3.1-1
Planning Area Hazards, Source and Disposition

Hazard	Rationale	Sources	Disposition
Flooding (Flash and Riverine)	High potential for flooding in most of the planning area	NCDC, FEMA, NWS, Participants	Qualitative and Quantitative risk assessment completed
Flooding (Dam/Levee Failure)	Low potential for occurrence, but potential for high impacts	NCDC, FEMA, Participants	Qualitative and Quantitative risk assessment completed
Tornado	Significant history of occurrences in the planning area	NCDC, FEMA, NWS, Participants	Qualitative risk assessment completed
Tropical System / Hurricane	Secondary effects felt throughout the planning area; influx of evacuees from coast	NCDC, FEMA, NWS, NHC, Participants	Qualitative and Quantitative risk assessment completed
Thunderstorm	Frequent occurrence in the planning area	NCDC, FEMA, NWS, Participants	Qualitative risk assessment completed
Drought	Becoming more frequent and significant hazard throughout the area	NCDC, FEMA, NWS, Participants	Qualitative risk assessment completed
Hail	Frequent occurrence throughout the planning area	NCDC, FEMA, NWS, Participants	Qualitative risk assessment completed
Wildfire	Frequent occurrence in the planning area	NCDC, FEMA, NWS, National Park Service, Participants	Qualitative and Quantitative risk assessment completed

Hazard	Rationale	Sources	Disposition
Winter Storm	Infrequent occurrence, but significant risk throughout planning area	NCDC, FEMA, NWS, Participants	Qualitative risk assessment completed
Geologic Hazards: Earthquakes and Sinkholes	Infrequent occurrence	NCDC, FEMA, USGS, Participants	Qualitative and Quantitative risk assessment completed
Energy Pipelines	Infrequent occurrence	FEMA, Texas Railroad Commission, Participants	Qualitative risk assessment completed
Hazardous Materials Incident (Fixed Site and Transport)	Infrequent occurrence	FEMA, Texas Railroad Commission, Participants	Qualitative risk assessment completed
Pandemic (Animal and Human)	Infrequent occurrence	CDC, WHO, Participants	Qualitative risk assessment completed
Terrorism	Infrequent occurrence	FEMA, Participants	Qualitative risk assessment completed

Note: The data in this table is intended only to give a general sense of the significance of hazards in the region, relative to each other.

Note on Consistency with the 2009 State of Texas Mitigation Plan Update

As part of the process of developing the AACOG Regional Hazard Mitigation Plan Update, the EMC carefully reviewed the 2009 State of Texas Hazard Mitigation Plan, with the goal of ensuring consistency between the two documents, primarily in the areas of hazard identification, risk, but the most significant hazards statewide are part of both documents, and are generally prioritized in the same way.

Summary Description of the Region's Vulnerability to Hazards

The DMA 2000 legislation and related FEMA planning guidance require mitigation plans to include discussion of community vulnerability to natural hazards. Vulnerability is generally defined as the damage (including direct damages and loss of function) that would occur when various levels of hazards impact a structure, operation or population. For example vulnerability can be expressed as the percent damage to a building when it is flooded, or the number of days that a government office will be shut down after a wind storm, etc., assuming there is sufficient detailed data available to support the calculations.

Because this Plan Update includes several jurisdictions and the available data is not very detailed, it is not practical to complete vulnerability assessments on the many individual assets, operations and populations in individual jurisdictions. However, it is appropriate for participating municipalities to embark on a program of addressing these data deficiencies over the next five years in anticipation of the next Plan Update. A policy from the Texas Division of Emergency Management will limit future plan updates to no more than two (2) counties per plan. This will allow for

more detailed analysis at the municipal level. In addition, it is possible to make some general observations as follows based on the hazard identifications and risk assessments that are the subjects of this section of this Plan Update.

As illustrated in the following pages, the AACOG Region is subject to numerous natural and manmade hazards, although in some cases the hazards have rarely impacted the area, or their effects have been relatively minor. As is the case with many parts of the Southern US, flooding is the most frequent and most damaging natural hazard in the AACOG Region. However, it is important to recognize that several other hazards present significant risks (i.e. potential for future losses) to the region, even though they have occurred infrequently in the past, or have not caused much damage.

6.3.2 Overview of the AACOG Area's History of Hazards

Numerous federal agencies maintain a variety of records regarding losses associated with natural hazards. Unfortunately, no single source is considered to offer a definitive accounting of all losses. The Federal Emergency Management Agency (FEMA) maintains records on federal expenditures associated with declared major disasters. The United States Army Corps of Engineers (USACE) and the Natural Resources Conservation Service (NRCS) collect data on losses during the course of some of their ongoing projects and studies. Additionally, the National Oceanic and Atmospheric Administration's (NOAA) National Climatic Data Center (NCDC) database collects and maintains data about natural hazards in summary format. The data includes occurrences, dates, injuries, deaths, and damage estimates for both real property and agriculture.

According to the NCDC database, between 1961 and 2009, the AACOG region experienced the following types of hazard events:

- Flood
- Tornado
- Hurricane
- Freeze
- Tropical Storm
- Hail
- Drought
- Lightning

A total of 24 disaster declarations have been issued since 1961 for the Alamo Region, all for weather-related hazard events. Of these, 15 were presidential disaster declarations and seven were issued only to provide assistance through the Small Business Administration (SBA). Two additional declarations were issued by the USDA. The Alamo Region has experienced many additional disasters that were not severe enough to be declared by the President, but nevertheless resulted in millions of dollars in direct and indirect costs to governments, businesses and residents, and caused significant human suffering, injuries and deaths.

In addition, numerous hazardous materials incidents occurred throughout the planning area.

In the absence of definitive data on some of the hazards that may occur in the AACOG region, illustrative examples are useful. Table 6.2-1-1 provides brief descriptions of particularly significant hazard events occurring in the region's recent history. This list is not meant to capture every event that has affected the area, rather lists some of the more significant events that have occurred here in the past.

Table 6.3.2-1
Recent Declared Emergencies and Major Disasters in the AACOG Region

Year	Counties	Event	Type of Declaration	Declaration Numbers
2001	Medina	Severe Storms – Tornado	SBA	3378
2002	Atascosa Bandera Bexar Comal Gillespie Guadalupe Karnes Kerr Medina Wilson	Severe Storms-Flood	Presidential SBA	1425 DR 3402
2002	Frio	Tropical Storm Fay	Presidential SBA	1434 DR
2005	Atascosa Bandera Bexar Comal Frio Gillespie Guadalupe Karnes Kerr Medina Wilson	Hurricane Rita	Presidential SBA	1606 DR
2006	Atascosa Bandera Bexar Comal Frio Gillespie Guadalupe Karnes Kerr Medina Wilson	Extreme Wildfire Threat	Presidential SBA	1624 DR
2007	Atascosa Guadalupe Medina	Severe Storms Flooding Tornadoes	Presidential SBA	1709 DR
2007	Bexar Medina	Tropical Storm Erin	Presidential SBA	1730 DR
2008	Bexar	Hurricane Dolly	Presidential SBA	1780 DR

Year	Counties	Event	Type of Declaration	Declaration Numbers
2009	Primary: Atascosa Bandera Bexar Frio Guadalupe Kerr Contiguous: Comal Gillespie Karnes Medina Wilson	Drought Extreme Temperatures Wildfire	USDA (Secretarial)	S 2922
2009	Contiguous: Atascosa Frio Gillespie	Drought Extreme Temperatures Wildfire	USDA (Secretarial)	S 2990

Weather-Related Deaths and Injuries

According to the NCDC, the AACOG Region has experienced at least 10 fatalities and 13 injuries from natural hazards in the period from 2004 – 2009.

6.3.3 Overview of the Hazards That Can Affect the Planning Area

Hazards identified and profiled in the 2005 Plan were reviewed and considered by all participants; a consensus was reached as to which hazards to carry over, which ones to drop, and what additional hazards to add to the Plan Update. During the initial identification process, the AACOG EMC catalogued potential hazards to identify those with the highest likelihood of significantly affect the region. The hazards include those that have occurred in the past and may occur in the future. A variety of sources were used in the investigation. These included national, regional, and local sources such as emergency operations plans, the State Hazard Mitigation Plan Update, websites, published documents, databases, and maps, as well as discussion with the AACOG EMC.

The AACOG EMC participated in an initial discussion regarding the types of hazards that threaten the region. After this initial discussion, the AACOG EMC received a memo outlining the hazards identified in the previous Plan, and additional hazards they may wish to consider for inclusion in this Update. They were asked to review the memo and to provide comments on the hazards they believed should be included in this Update. The AACOG EMC reviewed the 20 hazards and determined that 14 posed the greatest threat to the AACOG Region. Some of the hazards, including high wind, civil disorder, and transportation events are handled through other mechanisms. After these discussions and reviews, the following hazards were selected for inclusion in the Plan by the EMC.

1. Flooding (Flash and Riverine)
2. Flooding (Dam and Levee Failure)
3. Tornado
4. Tropical Systems and Hurricanes
5. Thunderstorms
6. Drought
7. Hail
8. Wildfire
9. Winter Storms
10. Geologic Hazards: Earthquakes and Sinkholes
11. Energy Pipeline Failure
12. Hazardous Materials (Transportation and Fixed Site)
13. Pandemic (Human and Animal)
14. Terrorism

The following sub-sections profile each of the 14 hazards listed above and includes a description of the hazard, severity of the hazard, impact on life and property, past occurrences of the hazard, probability of future occurrences of the hazard, and location and extent of the hazard.

Probability is addressed as a series of ranges, due to the difficulty of assigning an exact probability based upon documented previous occurrences and the difficulty of predicting the future occurrence of any particular hazard in the planning area. For the purpose of this update the following ranges are used:

Low (0-20%) - Based on documented previous occurrences and local knowledge of the history of the hazard in the planning area, the hazard was determined to have the potential to occur, but a low frequency of occurrence in the future.
Moderate (21-69%) – Based on documented previous occurrences and local knowledge of the history of the hazard in the planning area, the hazard was determined to have positive probability to occur in the future.
High (70-100%) - Based on documented previous occurrences and local knowledge of the history of the hazard in the planning area, the hazard was determined to have likelihood of occurrence in the future.

6.4 Risk Assessment Methodology

The risk assessment describes and analyzes the risks and vulnerabilities to the planning area from the hazards profiled. The assessment includes a vulnerability description and information as to the identified risk to public and private assets (where applicable).

The AACOG Executive Mitigation Committee (EMC) conducted a risk assessment exercise to determine the vulnerabilities to assets within the planning area. The exercise was conducted at an EMC meeting. The updated hazard profiles were used as the basis to determine the vulnerability of and risk to assets within the Region.

Prioritizing the potential impacts of hazards on regional and local assets was based on both a qualitative and a quantitative (where available data existed) analysis of the identified hazards. This allowed the EMC to focus planning effort on the hazards most likely to cause future impacts to the community. The EMC used historical data, local knowledge and experience to rate the exposure, probability and impact of each of these hazards. Each hazard

identified and profiled received a qualitative risk assessment. The anticipated impact of the hazards was then assigned a value of Low, Moderate or High. Table 6.4-1 describes the definitions assigned to these terms.

Table 6.4-1
Qualitative Risk Assessment Terminology

Definitions of Risk Assessment Impact Terminology for Qualitative Risk Assessment			
Term	**Potential Impact to People (Life Safety/Livelihood)**	**Potential Impact to Buildings/Critical Facilities**	**Potential Impact to Infrastructure**
Low	Some injuries possible but unlikely	Cosmetic damages to structures Loss of Function for less than 1 day	Some roads/bridges temporarily blocked Temporary power loss
Moderate	Injuries expected, some deaths possible	Some structural damages Loss of Function for 1-2 days	Road/bridge closures Power and utility loss
High	Several deaths expected	Some structures irreparably damaged Loss of Function for 3-5 days	Long-term road/bridge closures Long-term power and utility loss

These ratings were then used to determine the qualitative ranking of the hazards, the planning area risk of exposure to the hazard, the probability of the hazard occurring and the potential impact of that hazard to the Region.

Table 6.4-2 depicts the qualitative risk assessment ranking that each participating jurisdiction assigned to each hazard profiled. This table includes a comparison of the 2005 rankings with the 2010 rankings. The 2005 rankings were considered as part of the discussion that ultimately determined the 2010 rankings, and provided a foundation for many decisions throughout the discussion.

Table 6.4-2
Qualitative Risk Assessment Comparison, by Jurisdiction

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
Atascosa County (2005)	M	L	H	M	H	H	M	L	L	L	L				
Atascosa County (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
City of Charlotte (2005)	L	L	H	M	H	H	M	L	L	L	L				
City of Charlotte (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
City of Christine (2005)	L	L	H	M	H	H	M	L	L	L	L				
City of Christine (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
City of Jourdanton (2005)	M	L	H	M	H	H	M	L	L	L	L				
City of Jourdanton (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
City of Lytle (2005)	L	L	H	M	H	H	M	L	L	L	L				
City of Lytle (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
City of Pleasanton (2005)	H	L	H	M	H	H	M	L	L	L	L				
City of Pleasanton (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
City of Poteet (2005)	L	L	H	M	H	H	M	L	L	L	L				
City of Poteet (2010)	H	L	H	H	H	H	M	-	H	M	H	H	H	H	H
Bandera County (2005)	H	L		L	H	H	M	L	L	L	L				
Bandera County (2010)	H	L	H	M	M	H	L	-	H	L	L	H	H	H	L
City of Bandera (2005)	H	L		L	H	H	M	L	L	L	L				

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
City of Bandera (2010)	H	L	H	M	M	H	L	-	H	L	L	H	H	H	L
Bexar County (2005)	H	L		M	H	H	M	L	H	L	L				
Bexar County (2010)	H	H	H	M	M	H	M	-	H	M	L	L	M	H	M
City of Alamo Heights (2005)	H	L		M	H	H	M	L	H	L	L				
City of Alamo Heights (2010)	H	L	M	M	H	H	M	-	L	L	L	L	L	M	M
City of Balcones Heights (2005)	H	L		M	H	H	M	L	H	L	L				
City of Balcones Heights (2010)	M	L	M	M	M	M	M	-	L	L	L	L	L	M	L
City of Castle Hills (2005)	H	L		M	H	H	M	L	H	L	L				
City of Castle Hills (2010)	M	L	M	M	M	M	M	-	M	L	L	M	H	M	H
City of China Grove (2005)	M	L		M	H	H	M	L	H	L	L				
City of Converse (2005)	H	L		M	H	H	M	L	H	L	L				
City of Converse (2010)	M	L	M	M	H	M	M	-	M	M	L	H	H	H	H
City of Elmendorf (2010)	L	L	M	M	M	M	M	-	M	L	L	L	L	L	L
City of Fair Oaks Ranch (2005)	H	L		M	H	H	M	L	H	L	L				
City of Grey Forest (2005)	H	L		M	H	H	M	L	H	L	L				
City of Helotes (2005)	H	L		M	H	H	M	L	H	L	L				
City of Helotes (2010)	H	M	M	M	H	H	M	-	H	L	L	M	M	M	H
City of Hill Country Village (2005)	H	L		M	H	H	M	L	H	L	L				
Town of Hollywood Park (2005)	H	L		M	H	H	M	L	H	L	L				

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
City of Kirby (2005)	M	L		M	H	H	M	L	H	L	L				
City of Kirby (2010)	M	L	H	L	H	H	M	-	L	L	L	H	H	M	H
City of Leon Valley (2005)	H	L		M	H	H	M	L	H	L	L				
City of Leon Valley (2010)	H	H	H	M	M	H	M	-	H	M	L	L	M	H	M
City of Live Oak (2005)	M	L		M	H	H	M	L	H	L	L				
City of Live Oak (2010)	L	L	H	M	H	H	M	-	L	L	L	L	H	L	M
City of Olmos Park (2005)	H	L		M	H	H	M	L	H	L	L				
City of Olmos Park (2010)	M	L	M	L	M	M	M	-	L	L	L	L	L	L	L
City of San Antonio (2005)	H	L		M	H	H	M	L	H	L	L				
City of San Antonio (2010)	H	M	M	H	M	M	M	-	M	M	M	H	H	H	H
City of Selma (2005)	H	L		M	H	H	M	L	H	L	L				
City of Selma (2010)	L	L	L	L	M	M	L	-	M	M	L	L	M	L	L
City of Shavano Park (2005)	H	L		M	H	H	M	L	H	L	L				
City of St. Hedwig (2010)	M	L	M	M	M	M	L	-	M	L	L	L	L	L	L
City of Somerset (2005)	H	L		M	H	H	M	L	H	L	L				
City of Somerset (2010)	H	L	M	L	H	H	H	-	H	L	L	M	M	M	L
City of Terrell Hills (2005)	H	L		M	H	H	M	L	H	L	L				
City of Terrell Hills (2010)	H	L	M	M	M	M	M	-	L	M	L	M	L	M	H
City of Universal City (2005)	H	L		M	H	H	M	L	H	L	L				
City of Universal City (2010)	M	L	H	M	H	H	M	-	M	M	L	M	H	L	L
City of Von Ormy (2010)	H	M	H	M	M	M	H	_		M	L	L	H	H	M

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
City of Windcrest (2005)	M	L		M	H	H	M	L	H	L	L				
City of Windcrest (2010)	M	L	M	M	H	H	M	-	L	L	L	L	M	L	M
Comal County (2005)	H	L		M	H	H	M	L	H	L	L				
Comal County (2010)	H	L	L	H	H	H	M	-	H	M	L	L	L	L	L
City of Garden Ridge (2005)	H	L		M	H	H	M	L	H	L	L				
City of Garden Ridge (2010)	H	L	L	H	H	H	M	-	H	M	L	L	L	L	L
City of Bulverde (2005)	M	L		M	H	H	M	L	H	L	L				
City of Bulverde (2010)	H	L	L	H	H	H	M	-	H	M	L	L	L	L	L
City of New Braunfels (2005)	H	L		M	H	H	M	L	H	L	L				
City of New Braunfels (2010)	H	L	L	H	H	H	M	-	H	M	L	L	L	L	L
Frio County (2005)	M	L		M	H	H	M	L	L	L	L				
Frio County (2010)	H	M	M	M	H	H	M	-	M	L	L	L	M	M	L
City of Dilley (2005)	L	L		M	H	H	M	L	L	L	L				
City of Dilley (2010)	M	L	H	H	H	H	M	-	M	M	L	L	M	L	L
City of Pearsall (2005)	L	L		M	H	H	M	L	L	L	L				
City of Pearsall (2010)	M	M	H	H	H	H	M	-	M	M	H	M	H	H	M
Gillespie County (2005)	H	L		L	H	H	M	L	L	L	L				
Gillespie County	H	M	H	L	M	H	L	-	M	L	L	M	M	M	L

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
(2010)															
City of Fredericksburg (2005)	M	L		L	H	H	M	L	L	L	L				
City of Fredericksburg (2010)	M	L	H	L	M	M	M	-	L	L	L	L	M	M	L
Guadalupe County (2005)	H	L		M	H	H	M	L	H	L	L				
Guadalupe County (2010)	H	M	M	M	H	H	M	-	H	M	L	M	H	M	M
City of Cibolo (2005)	M	L		M	H	H	M	L	H	L	L				
City of Marion (2005)	M	L		M	H	H	M	L	H	L	L				
City of New Berlin (2005)	H	L		M	H	H	M	L	H	L	L				
City of New Berlin (2010)	H	H	M	H	H	H	M	-	H	M	L	H	H	M	M
City of Schertz (2005)	H	L		M	H	H	M	L	H	L	L				
City of Schertz (2010)	H	L	L	M	H	H	M	-	H	L	L	L	H	M	M
City of Seguin (2005)	H	L		M	H	H	M	L	H	L	L				
City of Seguin (2010)	H	H	M	H	H	H	M	-	H	M	L	H	H	M	M
Karnes County (2005)	H	L		H	H	H	M	L	L	L	L				
Karnes County (2010)	M	L	H	M	M	M	L	-	L	L	L	M	H	L	L
City of Karnes City (2005)	L	L		H	H	H	M	L	L	L	L				
City of Karnes (2010)	M	L	M	H	M	H	M	-	H	L	L	M	H	L	?
City of Kenedy (2005)	M	L		H	H	H	M	L	L	L	L				
City of Kenedy (2010)	H	M	M	H	M	L	L	-	L	M	L	M	H	M	?
City of Runge (2005)	M	L		H	H	H	M	L	L	L	L				
City of Runge (2010)	M	L	M	H	M	H	M	-	H	L	L	M	H	L	?
City of Falls City (2005)	M	L		H	H	H	M	L	L	L	L				

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
City of Falls City (2010)	M	L	M	H	M	H	M	-	H	L	L	M	H	L	?
Kerr County (2005)	H	L		L	H	H	M	L	M	L	L				
Kerr County (2010)	H	M	H	H	H	H	M	-	M	M	L	L	M	M	H
City of Ingram (2005)	H	L		L	H	H	M	L	M	L	L				
City of Ingram (2010)	H	M	H	H	H	M	M	-	H	M	L	L	M	M	H
City of Kerrville (2005)	H	L		L	H	H	M	L	M	L	L				
City of Kerrville (2010)	H	M	H	H	H	H	M	-	M	L	L	L	M	M	H
Medina County (2005)	H	L		M	H	H	M	L	H	L	L				
Medina County (2010)	H	L	M	M	H	H	H	-	M	L	L	L	H	M	L
City of Castroville (2005)	H	L		M	H	H	M	L	H	L	L				
City of Castroville (2010)	H	L	M	M	H	H	H	-	M	L	L	L	H	M	L
City of Devine (2005)	M	L		M	H	H	M	L	H	L	L				
City of Devine (2010)	H	M	M	M	M	M	M	-	M	L	L	H	H	M	M
City of Hondo (2005)	M	L		M	H	H	M	L	H	L	L				
City of Hondo (2010)	H	L	M	M	H	H	H	-	M	L	L	L	H	M	L
City of LaCoste (2005)	H	L		M	H	H	M	L	H	L	L				
City of Natalia (2005)	M	L		M	H	H	M	L	H	L	L				
City of Natalia (2010)	H	L	M	M	H	H	H	-	M	L	L	L	H	M	L
Wilson County (2005)	M	L		M	H	H	M	L	L	L	L				
Wilson County (2010)	M	L	H	H	H	H	M	-	L	L	L	M	M	H	L
City of Floresville (2005)	M	L		M	H	H	M	L	L	L	L				

Jurisdiction	Flood (Flash and Riverine)	Flood (Dam and Levee Failure)	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought	Hail	Erosion	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
City Of Floresville (2010)	H														M
City of La Vernia (2005)	M	L		M	H	H	M	L	L	L	L				
City of La Vernia (2010)	H	L	L	M	M	H	M	H	L	L	L	L	L	L	L
City of Poth (2005)	M	L		M	H	H	M	L	L	L	L				
City of Stockdale (2005)	M	L		M	H	H	M	L	L	L	L				
City of Stockdale (2010)	M	M	H	H	L	M	M	-	L	L	L	L	M	M	L
San Antonio River Authority (2010)	H	H	M	M	M	M	M	-	L	L	L	L	M	M	H

Summary
After consideration of the qualitative rankings, the probability of the hazard, and the available data, the AACOG EMC recommended including 7 natural hazards in the more detailed, quantitative risk assessment sub-sections:

- Flooding (Flash and Riverine)
- Flooding (Dam / Levee Failure)
- Tornado
- Wildfire
- Tropical Systems / Hurricanes
- Thunderstorms
- Earthquakes

All hazards profiled received a qualitative risk assessment.

6.5 Planning Area Hazard Identification and Risk Assessment

The following subsections contain the hazard identification and risk assessment for the planning area.

6.5.1 Flood (Flash and Riverine)

6.5.1.1 Flood (Flash and Riverine) Hazard Profile

Description of the Flood (Flash and Riverine) Hazard

Flooding is the most frequent and costly natural hazard in the United States, and has caused more than 10,000 deaths since 1900. Almost 90% of Presidential disaster declarations result from natural events in which flooding was a major component.

Floods are generally the result of excessive precipitation, and can be classified under two categories: general floods (precipitation over a given river basin for a long period of time), and flash floods (the product of heavy localized precipitation in a short time period over a given location). The severity of a flooding event is determined by the following: a combination of stream and river basin topography and physiography; precipitation and weather patterns; recent soil moisture conditions; and the degree of vegetative clearing.

General floods are often long-term events that may last for several days. The primary types of general flooding include riverine, coastal, and urban flooding. Riverine flooding is a function of excessive precipitation levels and water runoff volumes within the watershed of a stream or river. Coastal flooding is typically a result of storm surge, wind-driven waves, and heavy rainfall produced by hurricanes, tropical storms, and other large coastal storms. Urban flooding occurs where man-made development has obstructed the natural flow of water and decreased the ability of natural groundcover to absorb and retain surface water runoff.

Flash flooding events often occur from a dam or levee failure within minutes or hours of heavy amounts of rainfall, or from a heavy rainfall event that overwhelms drainage and runoff systems. Most flash flooding is caused by slow-moving thunderstorms in a local area or by heavy rains associated with hurricanes and tropical storms. Although flash flooding occurs often along mountain streams, it is also common in urbanized areas where much of the ground is covered by impervious surfaces. Flash flood waters move at very high speeds—"walls" of water can reach heights of 10 to 20 feet. Flash flood waters and the accompanying debris can uproot trees, roll boulders, destroy buildings, and obliterate bridges and roads.

The periodic flooding of lands adjacent to rivers, streams, and shorelines (land known as floodplain) is a natural and inevitable occurrence that can be expected to take place based upon established recurrence intervals. The recurrence interval of a flood is defined as the average time interval, in years, expected between a flood event of a particular magnitude and an equal or larger flood. Flood magnitude increases with increasing recurrence interval.

Severity of the Flood (Flash and Riverine) Hazard

Floodplains are designated by the frequency of the flood that is large enough to cover them. For example, the 10-year floodplain will be covered by the 10-year flood and the 100-year floodplain by the 100-year flood. Flood frequencies such as the 100-year flood are determined by plotting a graph of the size of all known floods for an area and determining how often floods of a particular size occur. Another way of expressing the flood frequency is the chance of occurrence in a given year, which is the percentage of the probability of flooding each year. For example, the 100-year flood has a 1 percent chance of occurring in any given year. The latter description is FEMA's preferred description.

In support of the NFIP, FEMA identifies those areas that are more vulnerable to flooding by producing Flood Hazard Boundary Maps (FHBM), Flood Insurance Rate Maps (FIRM), and Flood Boundary and Floodway Maps (FBFM). Several areas of flood hazards are commonly identified on these maps. One of the areas identified in the Special Flood Hazard Area (SFHA), which is a high-risk area defined as any land that would be inundated by a flood having a 1% chance of occurring in any given year (also known as the base flood). The flood zone designations are defined as follows:

- **Zone V (1% annual chance flooding).** Areas along coasts subject to inundation by the 1% annual chance of flooding with additional hazards associated with storm-induced waves. Because hydraulic analyses have not been performed, no BFEs or flood depths are shown.
- **Zones VE and V1-30 (1% annual chance flooding).** Areas along coasts subject to inundation by the 1% annual chance of flooding with additional hazards associated with storm-induced waves. BFEs derived from detailed hydraulic analyses are shown within these zones. (Zone VE is used on new and revised maps in place on Zones V1-30.)
- **Zone A (1% annual chance flooding).** Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas, no depths or base flood elevations are shown within these areas.
- **Zone AE (1% annual chance of flooding).** Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. In most instances, base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
- **Zone AH (1% annual chance of flooding).** Areas with a 1% annual chance of flooding where shallow flooding (usually areas of ponding) can occur with average depths between one and three feet.
- **Zone AO (1% annual chance of flooding).** Areas with a 1% annual chance of flooding, where shallow flooding average depths are between one and three feet.
- **Zone X (shaded) (0.2% annual chance of flooding).** Represents areas between the limits of the 1% annual chance flooding and 0.2% chance flooding.
- **Zone X (unshaded).** Areas outside of the 1% annual chance floodplain and 0.2% annual chance floodplain, areas of 1% annual chance sheet flow flooding where average depths are less than one (1) foot, areas of 1% annual chance stream flooding where the contributing drainage area is less than one (1) square mile, or areas protected from the 1% annual chance flood by levees. No Base Flood Elevation or depths are shown within this zone.

Impact on People and Property from the Flood (Flash and Riverine) Hazard

Table 6.5.1-1 shows flood damage values since 2000, organized by fiscal year, from a national perspective.

Table 6.5.1.1- 1
National Flood Damage by Fiscal Year (October - September)

Fiscal Year	Damage (Occurrence Year Dollars)	Damage (in 2009 Dollars)	U.S. Population (Estimated)	Damage Per Capita (2009 Dollars)
2000	1,336,744,000	1,648,961,911	282,125,000	6.06
2001	7,158,700,000	8,691,662,130	284,797,000	31.42
2002	6,550,000,000	7,766,225,852	287,421,000	32.04
2003	2,543,100,000	2,959,088,608	294,043,000	11.71
2004	1,696,200,000	1,910,606,582	293,655,000	7.33
2005	1,537,700,000	1,675,117,540	296,410,000	6.15
2006	3,768,700,000	4,005,358,320	293,655,000	14.50
2007	2,308,440,000	2,386,576,077	299,398,000	8.24
2008	5,583,620,000	5,561,285,520	301,621,000	18.37
2009	1,084,350,000	NA	307,006,000	3.53

Source: National Weather Service, US Census Bureau, US Consumer Price Index.

Occurrences of the Flood (Flash and Riverine) Hazard

The planning area has a long history of flooding in the area, both flash and riverine. Table 6.5.1-2 illustrates the documented occurrences of flash flooding in the planning area. Note that this table only illustrates significant events, and is not intended to capture each instance of flash flooding in the planning area.

Table 6.5.1.1-2
Flash Flooding Events in the AACOG Planning Area

County	First Reported Event	Deaths	Injuries	Property Damage	Crop Damage
Atascosa	08/29/1996	0	0	$702,000	$490,000
Bandera	08/21/1994	5	26	$6,733,000	$1,013,000
Bexar	05/13/1994	24	1302	$101,680,000	$555,000
Comal	05/13/1994	3	1620	$329,413,000	$1,785,000
Frio	06/01/1996	0	15	$1,072,000	$1,250,000
Gillespie	05/13/1994	3	9	$1,308,000	$265,000
Guadalupe	05/15/1994	6	1829	$341,078,000	$2,150,000
Karnes	09/08/1996	0	670	$67,009,000	$695,000
Kerr	05/13/1994	2	22	$981,000	$203,000
Medina	05/05/1993	1	59	$16,568,000	$250,000
Wilson	05/23/1993	0	657	$111,996,000	$470,000
Totals		**44**	**6209**	**$978,540,000**	**$9,126,000**

Source: National Climatic Data Center.

The following section describes some notable flood events that have occurred in the planning area since 2000. Note that this list is not exhaustive, but is intended to be illustrative only.

August 2001 - Atascosa, Bexar, Comal, Guadalupe, Karnes, Kerr, and Wilson Counties
Showers and thunderstorms began reforming across the I-35 corridor from San Antonio to New Braunfels near sunrise, and by mid-morning, had produced an additional rainfall averaging one (1) to two (2) inches from San Antonio and New Braunfels southeastward into the Seguin and Floresville areas. The highest totals reached near 11 inches from just east of San Antonio to Seguin and Kingsbury in Guadalupe County and across Wilson County from Floresville eastward. Wilson County Emergency Management Officials reported that severe flash flooding had cut SH123, which runs from south of Seguin into Stockdale. Water was reported to be six (6) inches over the 500-year floodplain mark along SH123, and the road remained closed for several hours. Over 100 homes in Stockdale were flooded, causing an estimated $2 million in damage. Two injuries were reported and several rescues were made.

November 2001 - Atascosa, Bandera, Bexar, Comal, Frio, Guadalupe, Karnes, Kerr, and Medina Counties
Rainfall redeveloped in the early morning hours, with totals since the previous night approaching five (5) inches in the western part of the county around 7 a.m. Flash flooding developed just before sunrise and continued into the early afternoon. Road closures were widespread, with most of the damage to bridges and roads. Total property damages were estimated at $541,000.

July 2002 – Bandera County (DR-1425)
Extensive flooding throughout Bandera County resulted in more than $500,000 in damages throughout the county.

May 2004 – Wilson County
8-10 inches of rain fell over the southern portion of the county in a 2-3 hour period, resulting in flooding in the southernmost portion of the County. Damages were estimated in excess of $80,000.

August 2007 – Gillespie County (Tropical Storm Eric)
Tropical Storm Erin's rains caused widespread flooding, and left extensive damages throughout the county, including erosion, undermining of foundations, road wash-outs, and debris. Damages in Gillespie County were estimated at almost $100,000, based on damage assessments.

Probability of Future Occurrences of the Flood (Flash and Riverine) Hazard

Based on the extensive history of previous occurrences of flooding in the AACOG Region, and given the number of potential sources of flooding, the probability of future occurrences is considered to be high.

Location and Extent of the Flood (Flash and Riverine) Hazard

There are numerous rivers and streams that wind through the planning area, setting the stage for potential flooding during heavy rain events. Flash flooding can develop quickly in the planning area, endangering life and property and requiring rescue.

Flood Insurance Rate Maps (FIRMs) show the flood hazard areas within counties and jurisdictions. On most FIRMs within the planning area, there are generally two flood zones that are shown: the 1% annual chance floodplain (the 100-year floodplain), and .02% annual chance floodplain (the 500-year floodplain). The area of the 100-year floodplain represents the area that stands a 1% chance of being flooded in any given year. The 500-year floodplain represents the area that stands a .2% chance of being flooded in any given year. Detailed information on the flood hazard within a jurisdiction can be found in the local Flood Insurance Study (FIS).

The 1% annual chance flood (the 100-year flood) is the benchmark for the communities within the planning area. This is the benchmark by which they prepare for flooding, and the standing to which their flood damage prevention ordinances mandate enforcement. The following table illustrates the range of flood depths that can be anticipated in the communities included in the planning area, based on information obtained from the effective Flood Insurance Study (FIS) and/or FIRM(s). Detailed, location specific engineering studies were not performed as part of this Plan Update process, so the flood depths below can be considered no more than estimates, and may not reflect actual depth of flooding for any particular flood event. Note that the information provided is the extent of the 1% annual flood, and may not include the flood of record or the deepest potential flood, and does not include any areas outside of the 1% annual chance flood area of study. This information is organized by County, and includes all participating jurisdictions within the County, as the FIS that was consulted for this table included both incorporated and unincorporated areas of the County.

Table 6.5.1.1-3
1% Annual Flood Depth Ranges in the AACOG Planning Area

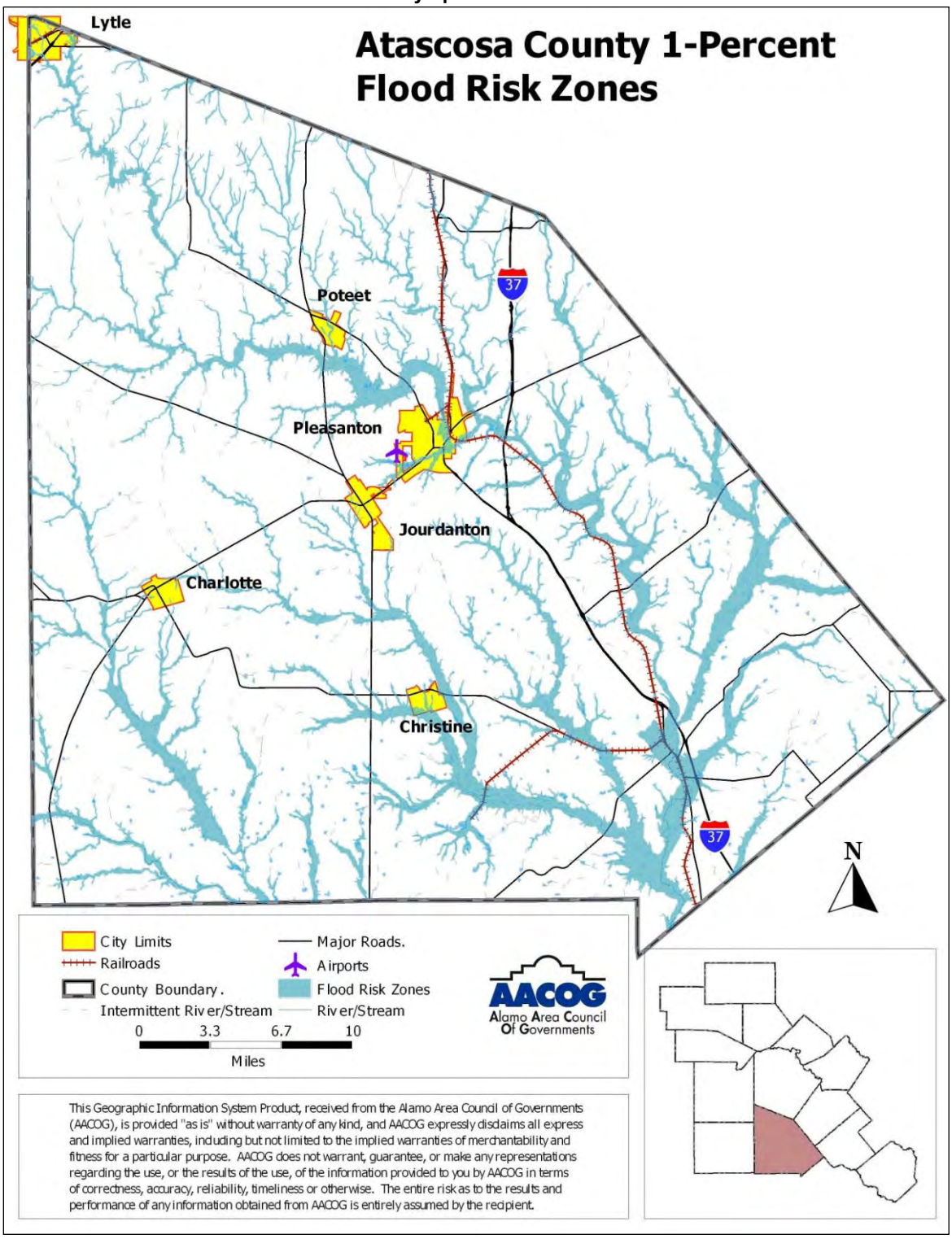
County	FIS Effective Date	Estimated Lower End of 1% Flood Depth Range	Estimated Higher End of 1% Flood Depth Range	Notes
Atascosa County	November 4, 2010	1 foot	1 foot+	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Bandera County	February 4, 2011	1 foot	1 foot+	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Bexar County	September 29, 2010	1 foot	4 feet+	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.

County	FIS Effective Date	Estimated Lower End of 1% Flood Depth Range	Estimated Higher End of 1% Flood Depth Range	Notes
Comal County	September 2, 2009	1 foot	5 feet+	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Frio County	No FIS available for this county or municipalities.	Unable to determine	Unable to determine	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Gillespie County	October 19, 2001	1 foot	4 feet+	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Guadalupe County	November 2, 2007	1 foot	1 foot +	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Karnes County	October 19, 2010	1 foot	1 foot+	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Kerr County	March 03, 2011	1 foot	1 foot +	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.

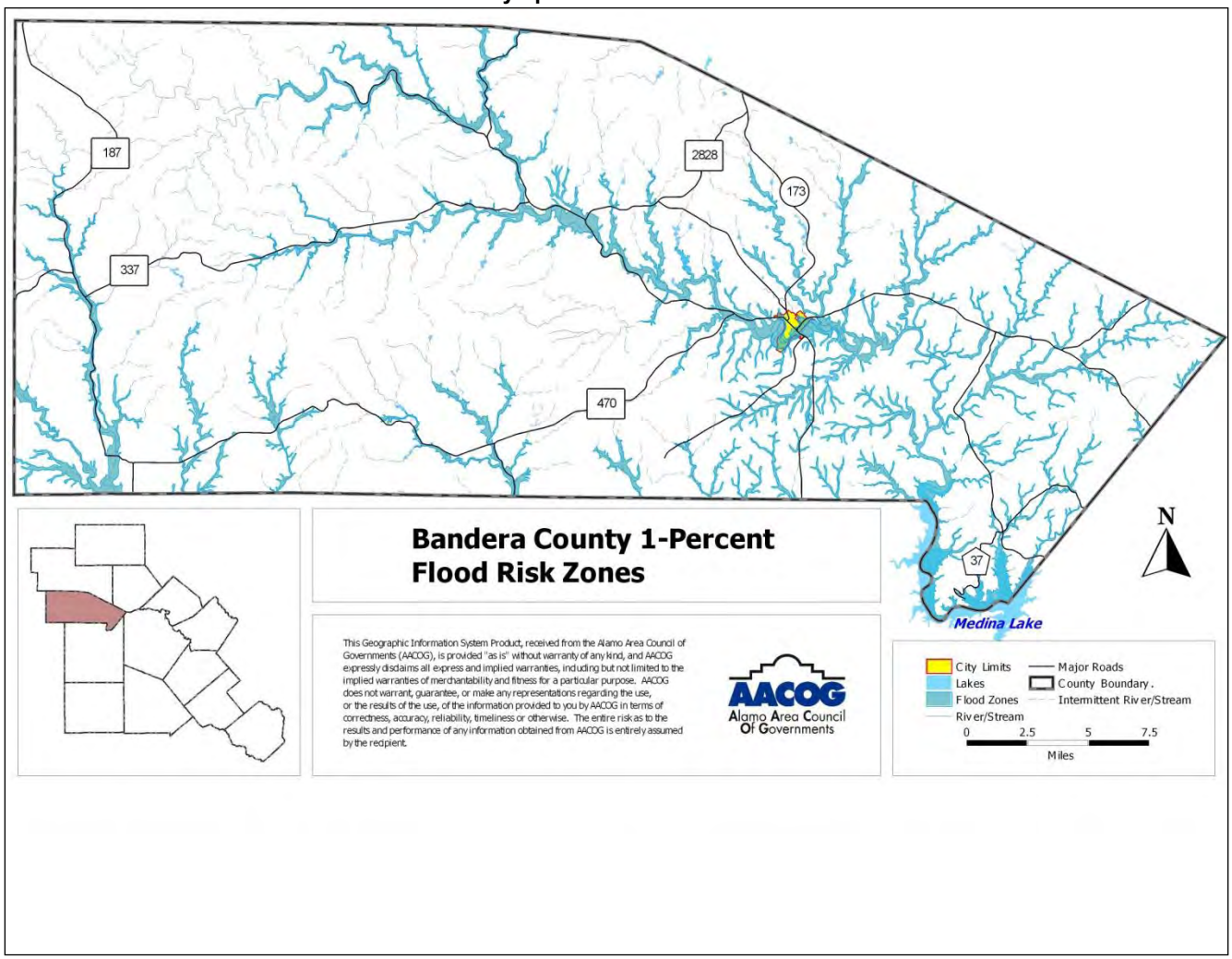
County	FIS Effective Date	Estimated Lower End of 1% Flood Depth Range	Estimated Higher End of 1% Flood Depth Range	Notes
Medina County Castroville Devine Hondo Natalia	August 15, 1980 May 01, 1979 No FIS available June 01, 1978 April 15, 1980	1 foot	2 feet +	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.
Wilson County	November 26, 2010	1 foot	1 foot +	A significant portion of the SFHA within the area is designated as Zone A or X, indicating that no base flood elevations or flood depths have been determined.

Maps 6.5.1-1 through 6.5.1-9 show the special flood hazard areas for each participating county (FEMA Q3 data). This data is a digital version of the local FIRMs. For those counties that do not have digital floodplain data, major hydrology is mapped. Q3 data is currently available for Atascosa, Bandera, Bexar, Comal, Guadalupe, Karnes, Kerr, Medina and Wilson counties in the planning area. Those counties that do not have digital floodplain data (Gillespie and Frio) should contact their local floodplain administrator for information about how to obtain paper Flood Insurance Rate Maps and Flood Insurance Studies.

Map 6.5.1.1-1
Atascosa County Special Flood Hazard Areas

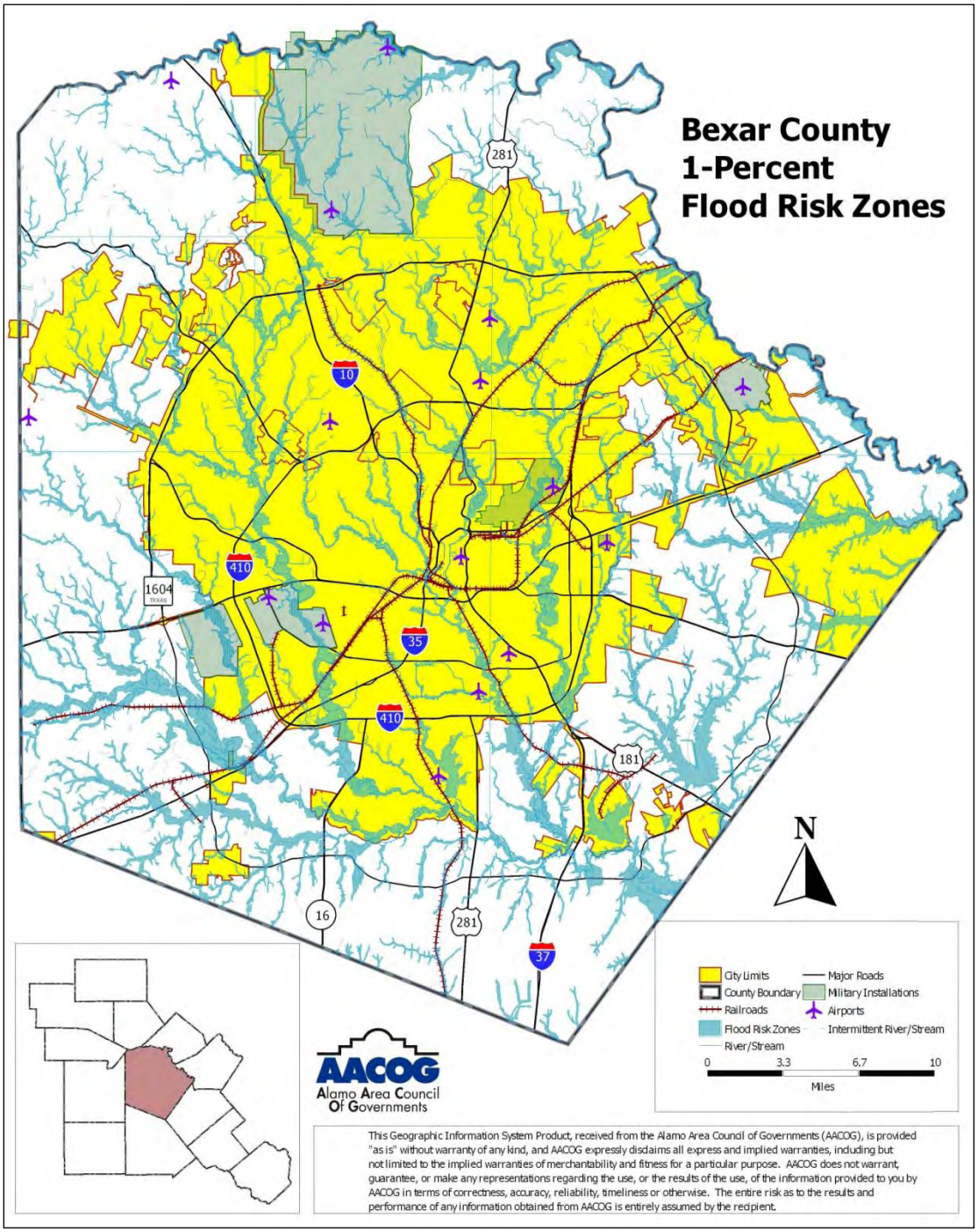


Map 6.5.1.1-2
Bandera County Special Flood Hazard Areas



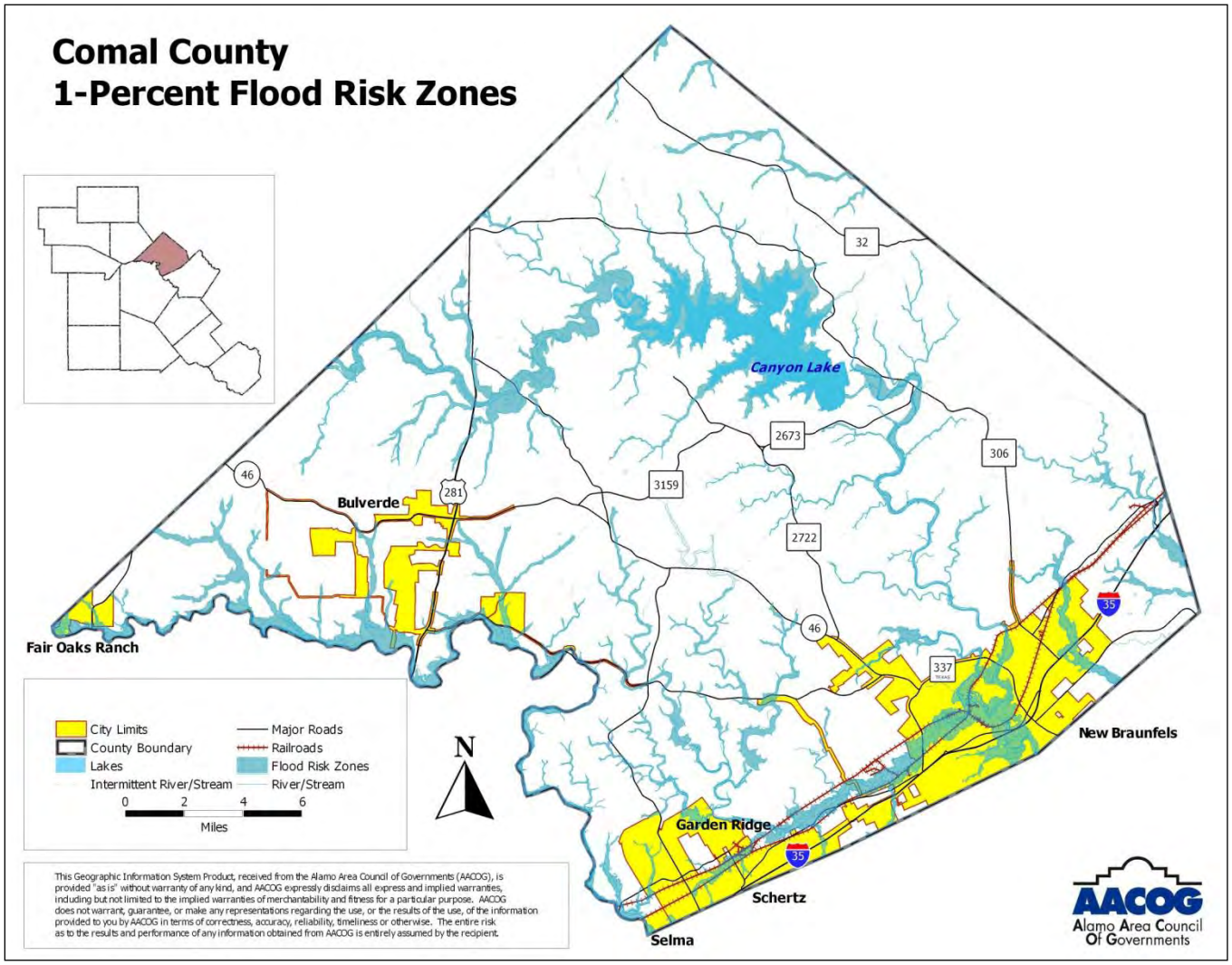
Note: the yellow area on the above map represents the city limits of the City of Bandera, the only incorporated municipality in Bandera County.

Map 6.5.1.1-3
Bexar County Special Flood Hazard Areas

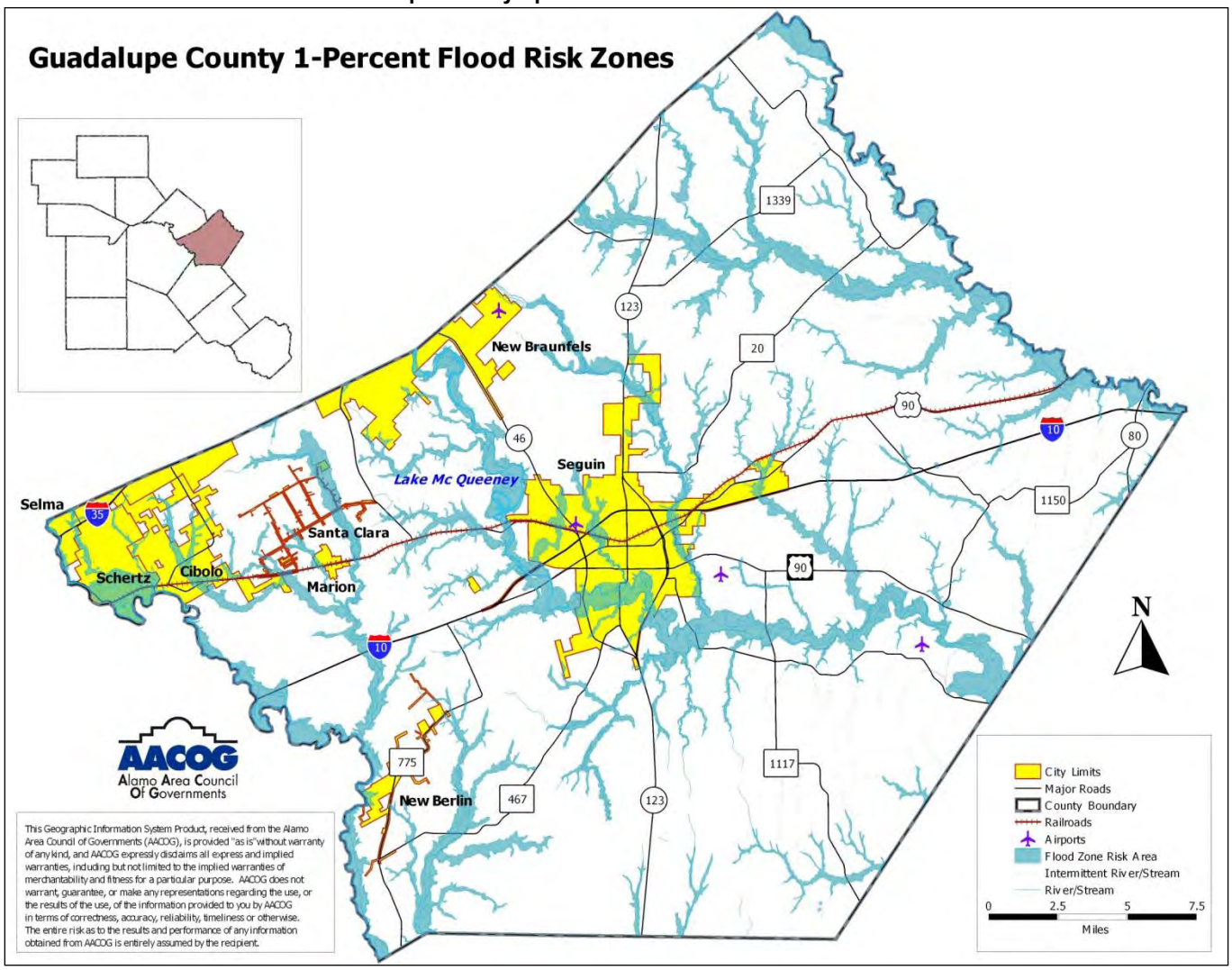


Note: the above map does not identify any municipalities to prevent the image from being cluttered. Rather, the yellow areas indicate incorporated municipalities, and the white indicate unincorporated areas of the county.

Map 6.5.1.1-4
Comal County Special Flood Hazard Areas

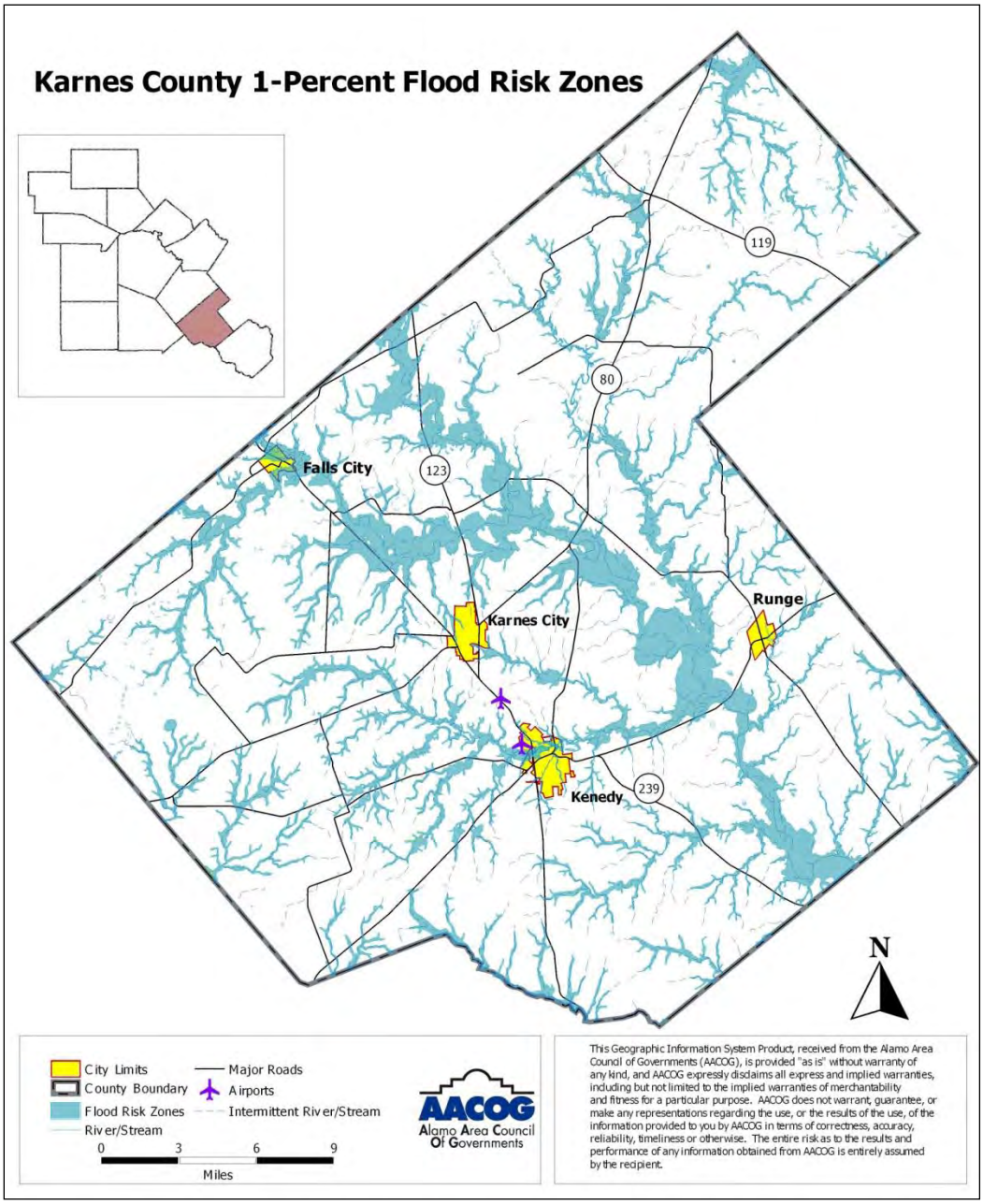


Map 6.5.1.1-5
Guadalupe County Special Flood Hazard Areas

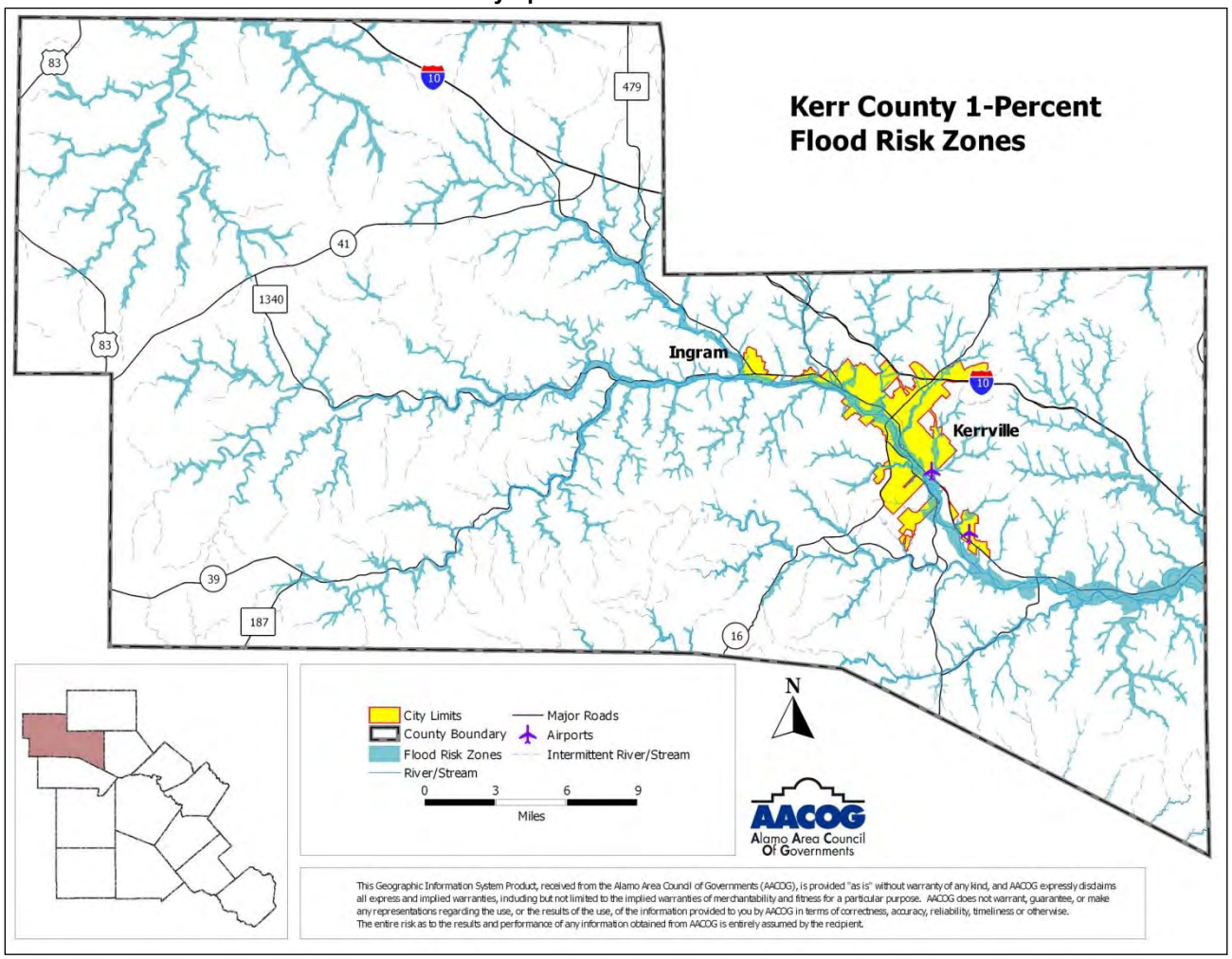


Note: The City of Staples is not indicated on the above image due to data limitations and scale issues. The municipality's boundaries were not available for GIS mapping, and the municipality itself is very, very small. The scale of the above map, which was necessary to illustrate the larger populated areas and the identified Special Flood Hazard Areas, did not allow for the placement of such a small municipality. The City of Staples is located approximately 6 miles east of The City of New Braunfels, and approximately 8 miles north of Interstate 10.

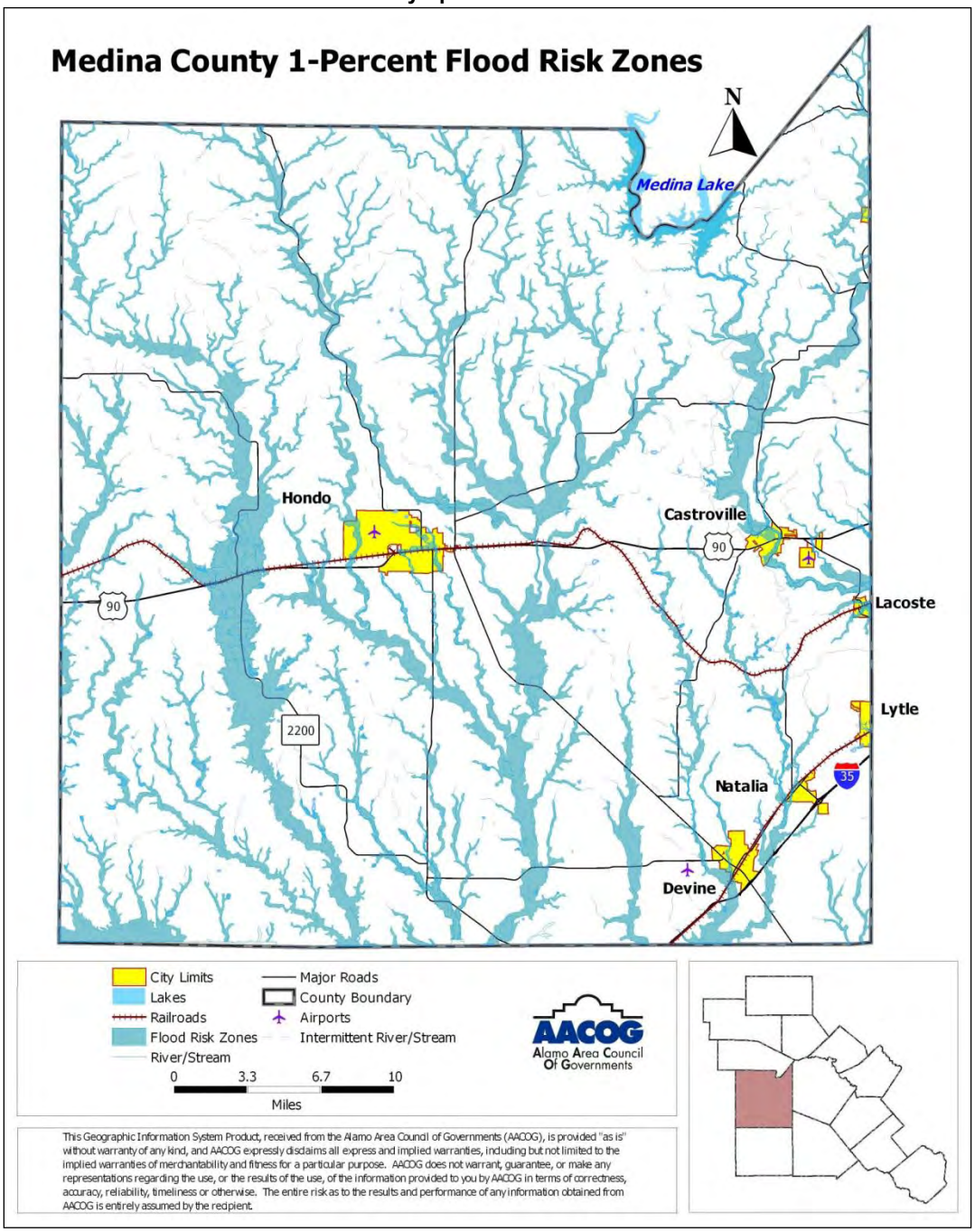
Map 6.5.1.1-6
Karnes County Special Flood Hazard Areas



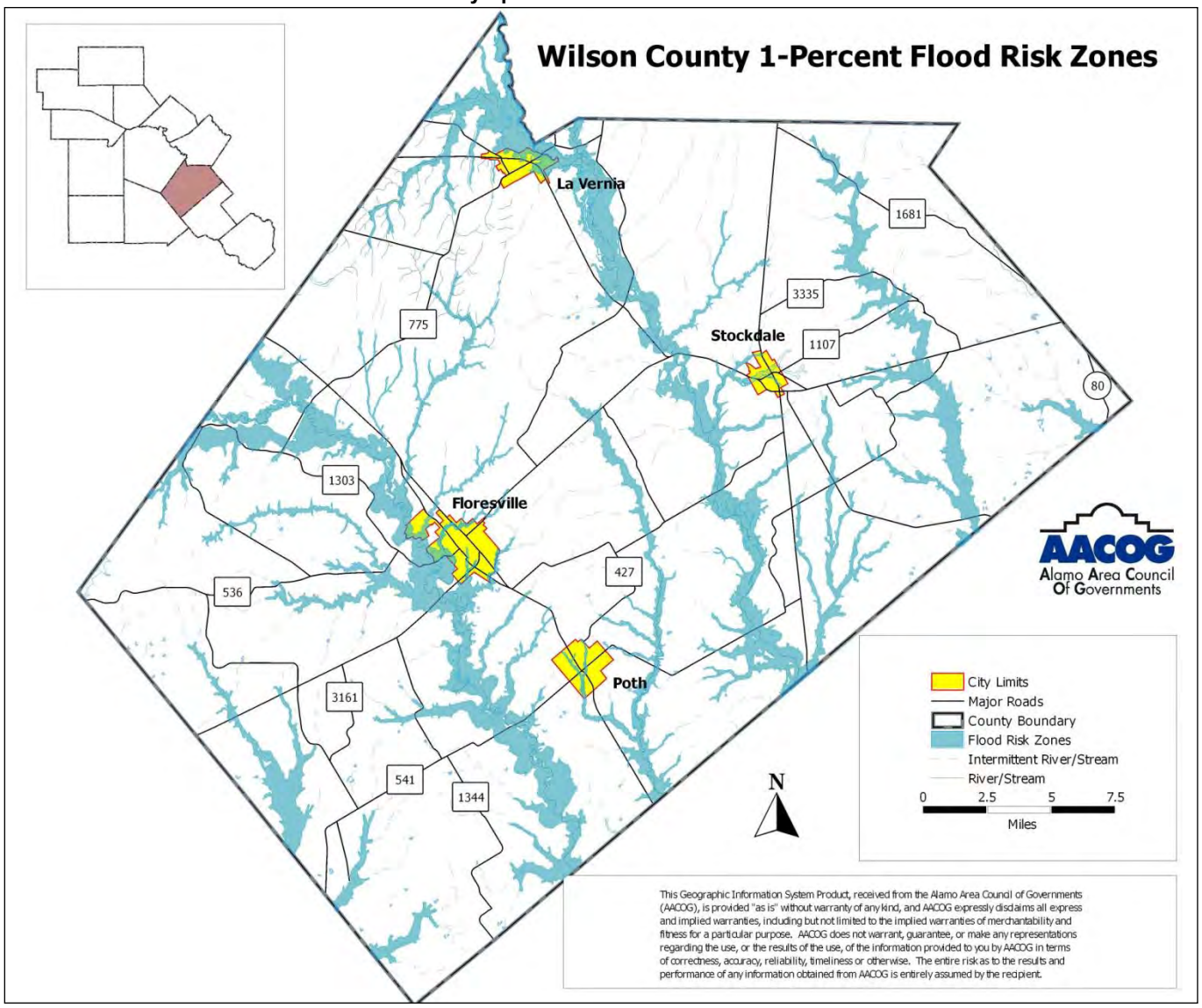
Map 6.5.1.1-7
Kerr County Special Flood Hazard Areas



Map 6.5.1.1-8
Medina County Special Flood Hazard Areas



Map 6.5.1.1-9
Wilson County Special Flood Hazard Areas



6.5.1.2 Risk Assessment

This subsection of the Plan Updates provides estimates of future flood losses, i.e. risk. Each of the loss calculations is based on best available data, but they must be considered estimates because highly detailed engineering was not performed as part of this planning process.

Methodology and Limitations

After discussion and review of the best available data regarding this hazard, and in consideration of the potential impacts of this hazard to the planning area, the EMC determined that the risk assessment should include both qualitative and quantitative analyses, to the extent possible.

Qualitative
Each participating jurisdiction was asked to provide a qualitative risk assessment ranking regarding the flood (flash and riverine) hazard. (For definitions of these rankings, please see Table 6.4-1, earlier in this section.) The results of this assessment are presented in the table below.

6.5.1.2-1
Qualitative Risk Assessment Results – Flood (Flash and Riverine)

Jurisdictions Ranking Hazard as Low	Jurisdictions Ranking Hazard as Moderate	Jurisdictions Ranking Hazard as High	
City of Live Oak	City of Balcones Heights City of Converse City of Kirby City of St. Hedwig City of Universal City City of Windcrest City of Dilley City of Pearsall City of Fredericksburg Karnes County City of Karnes City of Runge City of Falls City Wilson County City of Stockdale	Atascosa County City of Charlotte City of Christine City of Jourdanton City of Lytle City of Pleasanton City of Poteet Bandera County City of Bandera Bexar County City of Alamo Heights City of Helotes City of Leon Valley City of San Antonio City of Somerset City of Terrell Hills City of Von Ormy Comal County City of Garden Ridge City of Bulverde	City of New Braunfels Frio County Gillespie County Guadalupe County City of New Berlin City of Schertz City of Seguin City of Kenedy Kerr County City of Ingram City of Kerrville Medina County City of Castroville City of Devine City of Hondo City of Natalia City of Floresville City of La Vernia San Antonio River Authority

Quantitative
Each participating jurisdiction provided information regarding the location and type of critical facilities within their planning area. These facilities were mapped in relation to the Special Flood Hazard Area (SFHA). Given the lack of

building specific data (only location and use type were available at this time) this analysis assumes that all facilities located within the SFHA are somewhat at risk from flooding. Table 6.5.1.2-2 lists the facilities at risk by jurisdiction.

6.5.1.2-2
Quantitative Risk Assessment Results – Flood (Flash and Riverine)

Jurisdiction	Facilities within the SFHA
Gillespie	N/A
Kerr	1 – City Hall 2 – Communications 3 – Day Care 2 – Fire Stations 4 – Nursing Homes 3 – Other 2 – Police Department 2 – School
Bandera	2 – Courts 1 – Day Care 2 – Fire Department **1** - Nursing Home 7 – Other 1 – Power Supply 1 – Water Supply
Wilson	1 – City Hall 2 – Day Care 1 – Fuel Station 2 – Fuel Distributors 5 – Schools 3 – Water Supply
Karnes	2 – Other 1 – Nursing Home 1 – Water Supply
Guadalupe	1 – Airport 4 – Fire Station 1 – Nursing Home 1 – Power Plant 5 – Schools 3 – Water Supply
Atascosa	1 – Fire Station 1 – School 1 – Water Supply 1 – Airport
Bexar	4 – Airport 2 – City Hall 5 – Communications 3 – Day Care 4 – Fire Department 3 – Fire Stations 3 – Hospitals

Jurisdiction	Facilities within the SFHA
	12 – Nursing Homes 1 – Other 1 – Police Department 2 – Police Stations 3 – Public Works 12 – Schools 5 – Water Supply
Comal	2 – Airport 1 – School 1 – Nursing Home 1 – Fire Station 1 – Courthouse 3 – Water Supply
Medina	2 – Airport 2 – Fire Stations 2 – Schools 4 – Water Supply

Data to collect in order to improve this methodology prior to the Plan Update includes:

- Data regarding building construction (materials, protection systems, etc.)
- Data regarding first flood elevations for each building

Repetitive Loss Properties

Changes to the IFR now require that hazard mitigation plans and plan updates address the vulnerability of those structures that have been repetitively damaged by flooding and that are insured by the National Flood Insurance Program.

The number of flood policies written under the National Flood Insurance Program (NFIP) is approaching five million. Most of the program's policyholders live in the areas of the United States of America that are most prone to flooding: coastal and riverfront property.

Flooding, being a catastrophic peril, results in substantial loss whenever and wherever it occurs. Although flood coverage is provided by the federal government, it is still critical that resources used to respond to losses be used carefully. Throughout its history, the NFIP has been seriously affected by the level of loss payments it has made more than once to repair or replace certain properties. These properties are called Repetitive Loss properties (RL) and they represent both a severity and a frequency exposure to the NFIP.

In a 2005 study by the Congressional Research Service (a branch of the library of Congress), it was reported that, over the life of the NFIP program, 1% of the NFIP policies represented RLPs and that group accounted for 30% of the program's losses. The study also identified several major contributors to RLPs including:

- RL properties typically involve older properties that received grandfathering. In other words, NFIP flood mitigation rules and requirements don't apply to such structures since they existed prior to the establishment of the programs. The premiums charged for such properties are heavily subsidized rates.
- RL properties that suffer only partial losses (less than 50% of their value) do not have to be rebuilt according to floodplain management standards that apply to "substantially damaged" properties. Therefore, their vulnerability to future flood losses is maintained. This creates both a severity and a frequency problem.

Several years ago, the NFIP instituted a program to specifically address the disproportional exposures caused by RLs. The program now has established a set of procedures to handle them and, logically, it is called "Special Procedures for Targeted Repetitive Loss Properties". The NFIP, through careful study of its loss data, identified roughly 11,000 properties. The properties, because of their high loss exposure, are designated as Repetitive Loss Properties (RL). The properties consist of a group that meets one of the following criteria:

- The property has received at least four loss payments exceeding $1,000
- The property has experienced two losses within any ten-year period and the total payment exceeds that property's current value
- The property had, in its history (since 1978), three or more loss payments that, collectively, exceed the property's current value.

The following tables provide information and details regarding the identified Repetitive Loss properties in the planning area, both those that are insured and those that are merely identified.

Table 6.5.1.2-3
Total Repetitive Loss Properties in Planning Area (as of December 2010)

County	Community	Building Payments	Contents Payments	Total RL Payments	Number of Losses	Number of RL Properties	Type(s) of Properties	Insured Buildings 4 or More Losses	Insured Buildings 2-3 Losses >Building Value	Total Targeted RL Buildings
Atascosa	Atascosa County	$72,196.80	$19,004.96	$91,201.76	4	1	Single Family	1	0	1
Bandera	Bandera County	$609,395.03	$199,061.19	$808,456.22	31	11	Single Family; Non-Residential	2	1	3
Bexar	Alamo Heights	$181,048.41	$69,327.98	$250,376.39	22	8	Single Family; Non-Residential; Condominium	0	0	0
	Castle Hills	$350,806.91	$34,634.31	$385,441.22	24	7		1	0	1
	Converse	$9,969.04	$1,347.09	$11,316.13	2	1		0	0	0
	Grey Forest	$21,489.29	$0.00	$21,489.29	3	1		0	0	0
	Helotes	$27,962.13	$0.00	$27,962.13	5	1		1	0	1
	Hollywood Park	$39,298.88	$10,000.00	$49,298.88	2	1		0	0	0
	Leon Valley	$133,786.58	$25,073.16	$158,859.74	11	4		0	0	0
	Olmos Park	$13,706.50	$0.00	$13,706.50	2	1		0	0	0
	San Antonio	$2,133,067.34	$1,123,063.86	$3,256,131.20	170	65		8	1	9
	Terrell Hills	$51,431.07	$2,295.51	$53,726.58	9	4		0	0	0
Bexar County Totals:		$2,962,566.15	$1,265,741.91	$4,228,308.06	250	93		10	1	11

County	Community	Building Payments	Contents Payments	Total RL Payments	Number of Losses	Number of RL Properties	Type(s) of Properties	Insured Buildings 4 or More Losses	Insured Buildings 2-3 Losses >Building Value	Total Targeted RL Buildings
Comal	Comal County	$3,745,746.72	$1,126,523.58	$4,872,270.30	99	45	Single Family; Non-Residential; Condominium	1	5	6
	Garden Ridge	$37,133.72	$2,070.25	$39,203.97	3	1		0	0	0
	New Braunfels	$11,005,768.70	$3,087,413.84	$14,093,182.54	155	65		3	13	16
Comal County Totals:		$14,788,649.14	$4,216,007.67	$19,004,656.81	257	111		4	18	22
Guadalupe	Guadalupe County	$33,229,380.64	$9,727,264.54	$42,956,645.18	754	285	Single Family; Other Residential; Non-Residential; Condominium	44	12	56
	Schertz	$78,597.34	$67,510.41	$146,107.75	5	1		1	0	1
	Seguin	$10,871,086.80	$2,810,313.36	$13,681,400.16	280	104		15	8	23
Guadalupe County Totals:		$44,179,064.78	$21,057,103.65	$65,236,168.43	1039	613		60	20	80
Kerr	Kerr County	$119,694.73	$22,291.53	$141,986.26	10	5	Single Family	0	0	0
	Kerrville	$57,081.45	$31,261.36	$88,342.81	6	3		0	0	0
Kerr County Totals:		$176,776.18	$33,715,744.85	$33,892,521.03	16	8		0	0	0
Medina	Hondo	$4,959.29	$1,174.68	$6,133.97	2	1	Single Family	0	0	0
	Medina County	$54,516.10	$0.00	$54,516.10	2	1		0	0	0
Medina County Totals:		$59,475.49	$1,174.68	$60650.07	4	2		0	0	0
Wilson	LaVernia	$137,711.63	$16,304.95	$154,016.58	6	3	Single Family	0	0	0
	Wilson County	$34,206.57	$4,750.54	$38,957.11	4	2		0	0	0

County	Community	Building Payments	Contents Payments	Total RL Payments	Number of Losses	Number of RL Properties	Type(s) of Properties	Insured Buildings 4 or More Losses	Insured Buildings 2-3 Losses >Building Value	Total Targeted RL Buildings
Wilson County Totals:		$171,918.20	$21,055.49	$192,973.69	10	5		0	0	0
Planning Area Totals:		**$343,836.40**	**$78,677,515.35**	**$204,071,006.86**	**3,189**	**3,475**		**151**	**302**	**230**

Table 6.5.1.2-4
Total Insured Repetitive Loss Properties in Planning Area (as of December 2010)

County	Community	Building Payments	Contents Payments	Total RL Payments	Number of Losses	Number of RL Properties	Type(s) of Properties	Number of Targeted RL Buldings	4 or More Losses	2-3 Losses >Building Value
Atascosa	Atascosa County	$72,196.80	$19,004.96	$91,201.76	4	1	Single Family	1	1	0
Bandera	Bandera County	$448,652.12	$131,470.44	$580,122.56	23	8	Single Family; Non-Residential	3	2	1
Bexar	Alamo Heights	$89,147.09	$11,307.17	$100,454.26	9	3	Single Family; Non-Residential; Condo	0	0	0
Bexar	Helotes	$27,962.13	$0.00	$27,962.13	5	1		1	1	0
Bexar	Leon Valley	$38,927.83	$5,000.00	$43,927.83	2	1		0	0	0
Bexar	San Antonio	$1,586,286.54	$830,027.50	$2,416,314.04	83	27		9	8	1
Bexar	Terrell Hills	$8,308.73	$591.00	$8,899.73	3	1		0	0	0
Bexar County Totals:		$1,750,632.32	$846,925.67	$2,597,557.99	102	33		10	9	1
Comal	Comal County	$2,590,058.37	$779,358.44	$3,369,416.81	71	31	Single Family;	6	1	5

County	Community	Building Payments	Contents Payments	Total RL Payments	Number of Losses	Number of RL Properties	Type(s) of Properties	Number of Targeted RL Buldings	4 or More Losses	2-3 Losses >Building Value
Comal	New Braunfels	$10,191,203.69	$2,867,891.84	$13,059,095.53	141	58	Non-Residential; Condo;	16	3	13
Comal County Totals:		$12,781,262.06	$3,647,250.28	$16,428,512.34	212	89		22	4	18
Guadalupe	Guadalupe County	$27,206,751.52	$8,202,022.69	$35,408,774.21	623	228	Single Family; Other Residential; Non-Residential; Condo	56	44	12
Guadalupe	Schertz	$78,597.34	$67,510.41	$146,107.75	5	1		1	1	0
Guadalupe	Seguin	$9,029,964.16	$2,368,328.02	$11,398,292.18	226	83		23	15	8
Guadalupe County Totals:		$36,315,313.02	$10,637,861.12	$46,953,174.14	854	312		80	60	20
Kerr	Kerr County	$15,838.54	$8,747.58	$24,586.12	2	1	Single Family	0	0	0
Kerr	Kerrville	$40,212.04	$31,261.36	$71,473.40	2	1		0	0	0
Kerr County Totals:		$56,050.58	$40,008.94	$96,059.52	4	2		0	0	0
Wilson	LaVernia	$102,327.48	$16,304.95	$118,632.43	4	2	Single Family	0	0	0
Wilson	Wilson County	$30,827.57	$4,750.54	$35,578.11	2	1		0	0	0
Wilson County Totals:		$133,155.05	$21,055.49	$154,210.54	6	3		0	0	0
Planning Area Totals:					**2383**	**887**		**3270**	**149**	**79**

Risk Assessment Conclusions

As information contained in this section illustrates, Bexar County has the greatest number of critical facilities within the SFHA, by far. It is worth noting that many facilities which house vulnerable populations, such as schools and nursing homes, are located within the SFHA. Facilities associated with first response, such as fire departments and police stations, are also located within the SFHA in several of the jurisdictions. Further analysis is required in order to determine which facilities are truly at risk of significant flooding and would benefit from hazard mitigation.

6.5.2 Dam and Levee Failure

6.5.2.1 Hazard Identification

Description of the Dam and Levee Failure Hazard

Dam and levee failure involves the overtopping, breach, or collapse of the dam or levee. Dam and levee failure is especially destructive to nearby development during flood and hurricane events.

Dams are water storage, control, or diversion barriers that impound water upstream in reservoirs. A levee is a natural or artificial slope or wall to regulate water levels. It is usually earthen and often parallel to the course of a river or the coast. Dam/levee failure is a collapse or breach in the structure. While most dams/levees have storage volumes small enough that failures have little or no repercussions, dams/levees with large storage volumes can cause significant flooding downstream.

Worldwide interest in dam and levee safety has risen significantly in recent years. Aging infrastructure, new hydrologic information, and population growth in floodplain areas downstream from dams and near levees have resulted in an increased emphasis on safety, operation and maintenance.

There are about 80,000 dams in the United States today, the majority of which are privately owned. Other owners include state and local authorities, public utilities, and federal agencies. The benefits of dams are numerous: they provide water for drinking, navigation, and agricultural irrigation. Dams also provide hydroelectric power, create lakes for fishing and recreation, and save lives by preventing or reducing floods.

Though dams have many benefits, they also can pose a risk to communities if not designed, operated, and maintained properly. In the event of a dam failure, the energy of the water stored behind even a small dam is capable of causing loss of life and great property damage if development exists downstream of the dam. If a levee breaks, scores of properties are quickly submerged in floodwaters and residents may become trapped by this rapidly rising water. The failure of dams and levees has the potential to place large numbers of people and great amounts of property in harm's way.

Severity of the Dam and Levee Failure Hazard

As of 2008, a total of 7,149 dams in Texas were regulated by the State. The state periodically inspects these dams, and issues findings on their hazard potential. As of 2008:

- 964 were a High hazard potential;
- 779 were a Moderate hazard potential; and
- 5,406 were a Low hazard potential.

In January 2009, revisions to the Texas Administrative Code regulating dams and reservoirs went into effect. One of the major changes to the code included a revision to the definition of dams included under the regulatory authority of the state. Included are dams which:

1) Have a height greater than or equal to 25 feet and a maximum storage capacity greater than or equal to 15 acre-feet;
2) Have a height greater than 6 feet and a maximum storage capacity greater than or equal to 50 acre-feet;
3) Are a high- or significant-hazard dam, regardless of height or maximum storage capacity; or
4) Are used as a pumped storage or terminal storage facility.

In addition, revisions were made to sections relating to the hazard classification of dams. In summary, a dam is classified as having a low-hazard potential, significant-hazard potential, or high-hazard potential if the following criteria are met:

1) **Low**: no loss of human life is expected (no permanent habitable structures in the breach inundation area downstream of the dam); and minimal economic loss (located primarily in rural areas where failure may damage occasional farm buildings, limited agricultural improvements, and minor highways);
2) **Significant**: loss of human life possible (one to six lives or one or two habitable structures in the breach inundation area downstream of the dam); or appreciable economic loss (located primarily in rural areas where failure may cause damage to isolated homes, damage to secondary highways, damage to minor railroads; or interruption of service or use of public utilities);
3) **High**: loss of life expected (seven or more lives or three or more habitable structures in the breach inundation area downstream of the dam); or excessive economic loss (located primarily in or near urban areas where failure would be expected to cause extensive damage to public, agricultural, industrial, or commercial facilities, public utilities, main highways, or railroads used as a major transportation system).

The changes to the definition of State-regulated dams removed 364 dams from the state inventory. As of September 2009, 7140 nonfederal dams in Texas fall under the regulatory authority of the Dam Safety Program. Of these, 970 are classified as high hazard and 760 are classified as significant-hazard. There are 268 high hazard potential dams within the planning area. Maps are provided later in this section; specific location information can be found in Appendix K.

The planning area could expect to experience the entire range of severity of the Flood (Dam and Levee Failure) hazard. The impact of the hazard could be catastrophic, depending on the severity of the failure of the dam or levee. If the dam or levee suffered total, unexpected failure, everything downstream of it would be flooded by fast-moving water. This would lead to extensive property damage, and great potential for injury and loss of life. If the dam or levee suffered a slower, detected failure, the damage may be capable of being contained, and people would have time to evacuate out of harm's way. Areas with lower elevation could reasonably expect to experience greater depths of flooding, as water will naturally accumulate at the lowest point.

Therefore, the severity of the levee and dam failure hazard is primarily a function of the inspection and maintenance processes in place by the dam/levee's owner/operator and/or carried out by State and Federal entities on behalf of, and in coordination with the county and its jurisdictions.

Impact to People and Property from the Dam and Levee Failure Hazard

The impact to people and property from the Dam and Levee Failure hazard is potentially catastrophic. If a large dam or levee were to fail suddenly, everything and everyone downstream of the failure would have little or no warning of the impending flooding. There would be little or no time to enact manual flood protection for those facilities and structures that have such protection; all unprotected structures would remain vulnerable.

A minor dam or levee failure also has the potential to cause property damage and loss of life, even with adequate warning. Dams and levees, when they suddenly fail, tend to release their contents at a high rate of speed. Any volume of water, moving at a high rate of speed, has the potential to cause property damage and loss of life or injury.

Occurrences of the Dam and Levee Failure Hazard

All counties within the planning area contain dams or levees. Information obtained from the Association of State Dam Safety Officials indicates that there have been no significant dam or levee failures in the planning area in the past 5 years.

In July 2002, Comal County and the City of New Braunfels experienced a dam failure from the Canyon Dam. The incident began on July 4th, and peak flow was reached on July 6th. The peak discharge rate was 69,300 CFS. As a result of the failure, 443 residential structures were damaged – 120 were completely destroyed, with residential damages estimated at $42.67M. Business damage (not including federal and state parks) was estimated at $9M, with economic loss to city and county businesses estimated at $25M. After the event, the county estimated a tax revenue loss of almost $1M, directly attributable to the dam failure. Despite these catastrophic losses and impacts, no deaths or injuries were reported in Comal County or New Braunfels as a result of the incident.

Probability of Future Occurrences of the Dam and Levee Failure Hazard

Based on historical precedents and local knowledge, the probability of a future occurrence of the Flood (Dam and Levee Failure) hazard is moderate.

Location and Extent of the Dam and Levee Failure Hazard

Flood inundation maps are required as part of each high- and significant-hazard dam's Emergency Action Plan (EAP). The EAP must be developed and maintained by the owner of the dam, and submitted to the Texas Commission on Environmental Quality for review. This is a relatively new requirement, however, stemming from legislation which became effective in 2009 (30 Texas Administrative Code, Section 299.61). Owners were given two (2) years to complete these plans and the required mapping, meaning that the plans themselves were not due to the TCEQ until January 2011. (This submission date, of course, assumes that a dam owner did not request and receive a time extension.) In addition, the legislation directs that the TCEQ Executive Director shall file the EAP with the agency's "confidential, permanent records," meaning that any information contained within the submitted EAP – including flood inundation maps and data – is not available to the public.

The following passage appears in the 2010 State of Texas Hazard Mitigation Plan Update:

> The TCEQ currently does not have inundation maps for all high and significant hazard dams. TCEQ rules require the owners of these dams to have Emergency Action Plans (EAPs) to the TCEQ by Jan. 1, 2011,

> unless they have requested and received an extension of this deadline. All of these dams will not have an inundation map, but will have a map showing impact area. Preparing an inundation map is very costly and is often not necessary for the EAP. That could change in the future, and the owner will need to get an inundation map at that time. Our rules require yearly reviews and a table top exercise every 5 years. The TCEQ will attempt to get EAPs from all high and significant hazard dam owners by calendar year 2013.

A May 2011 proposal in the Texas State Legislature would end state oversight and regulation of any dam that holds back 1,000 acre feet of water or less. According to an article in the *American-Statesman*, this means that more than 70% of the dams in Texas – including many in the planning area – would no longer be regulated or inspected by the State. As of the development of this plan update, it is unclear if this legislation will be successful, but it would have the potential to impact future updates to this plan, as it would mean that dams meeting this requirement may not have to file an EAP, or to provide any information regarding potential inundation areas and depths. This would result in an even more severe data limitation than currently exists.

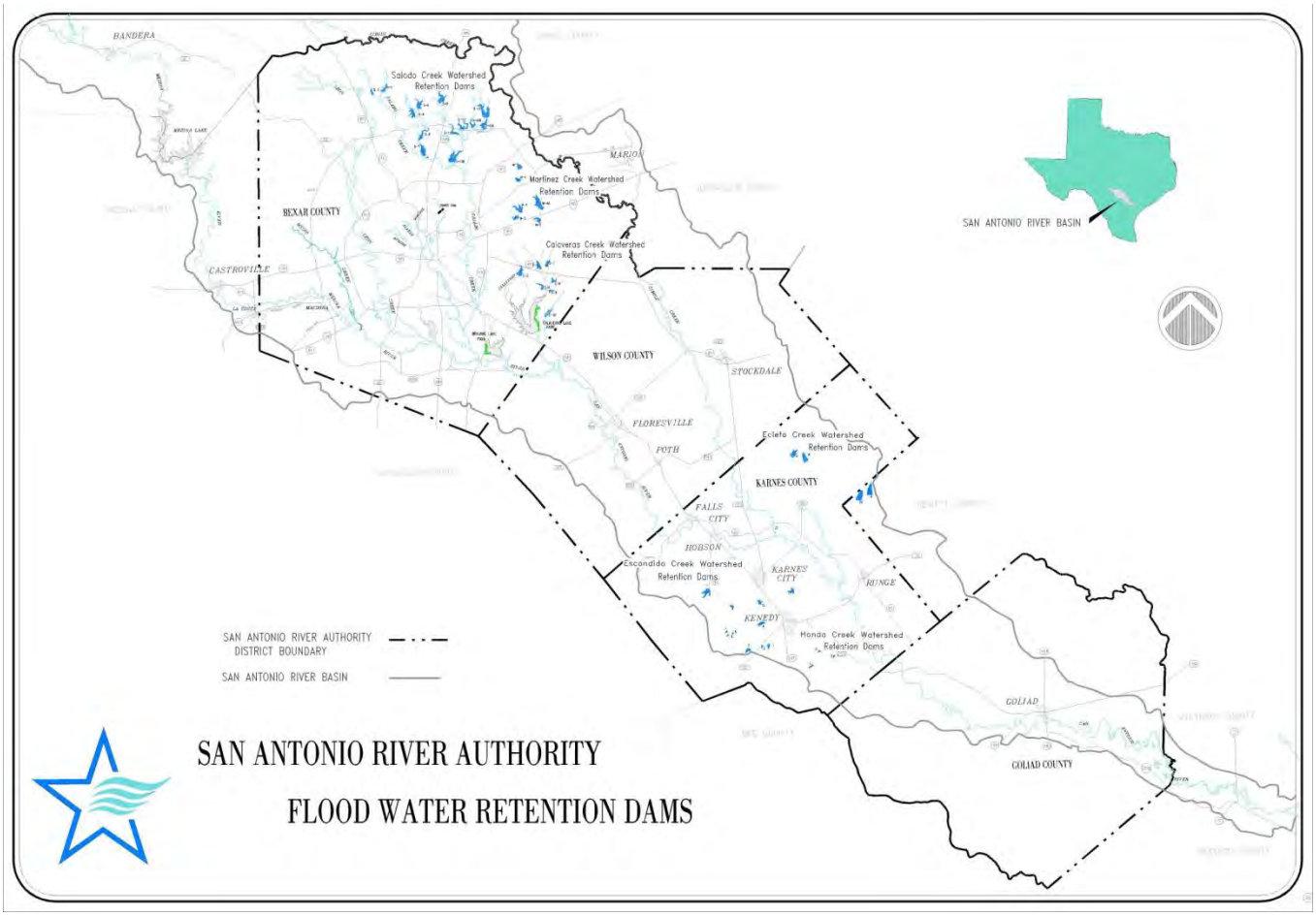
While specific location data regarding areas at risk for inundation was not available, data was available as to the normal storage capacity of each dam designated as a high or significant hazard. This information was available from the US Army Corps of Engineers (USACE) through the National Dam Inventory (NID), which tracks information for dams they rate as having high or significant hazard potentials.

Based on the normal storage capacity data available, provided in acre feet, an estimate was developed as to the number of acres that are potentially at risk from inundation to a depth of 1 foot. Across the planning area, an estimated 1,865,900 acres are potentially at risk from potential inundation of at least 1 foot in depth, all of which is located downstream from the dam in question, as the best locations for dams tend to be the lower or lowest portions of the watershed or body of water upon which the dam is located. This is based on an estimated normal storage capacity of at least 608,005,380,900 gallons of stored water.

Specific information for each dam, organized by participating county, can be found in Appendix K.

Several hundred dams and levees exist in the planning area. Many are operated and maintained by the San Antonio River Authority (SARA). SARA is responsible for the San Antonio River watershed in Bexar, Karnes and Wilson counties. Map 6.5.2.1-1 shows the boundaries of the SARA's jurisdiction.

Map 6.5.2.1-1
SARA Jurisdictional Boundaries



As of the development of this Plan Update, no specific location data regarding run off or inundation areas was available for use by the participating jurisdictions. In recent years, however, public concern has increased regarding the areas potentially at risk in the event of a dam failure. While the majority of dams in Texas remain privately owned and maintained, the consequences of the failure of these dams is a public concern. To assist local jurisdictions in addressing these public hazard concerns, the State of Texas has developed a mitigation strategy to help develop local data regarding this hazard. The following strategy is found in the 2010 State of Texas Hazard Mitigation Plan:

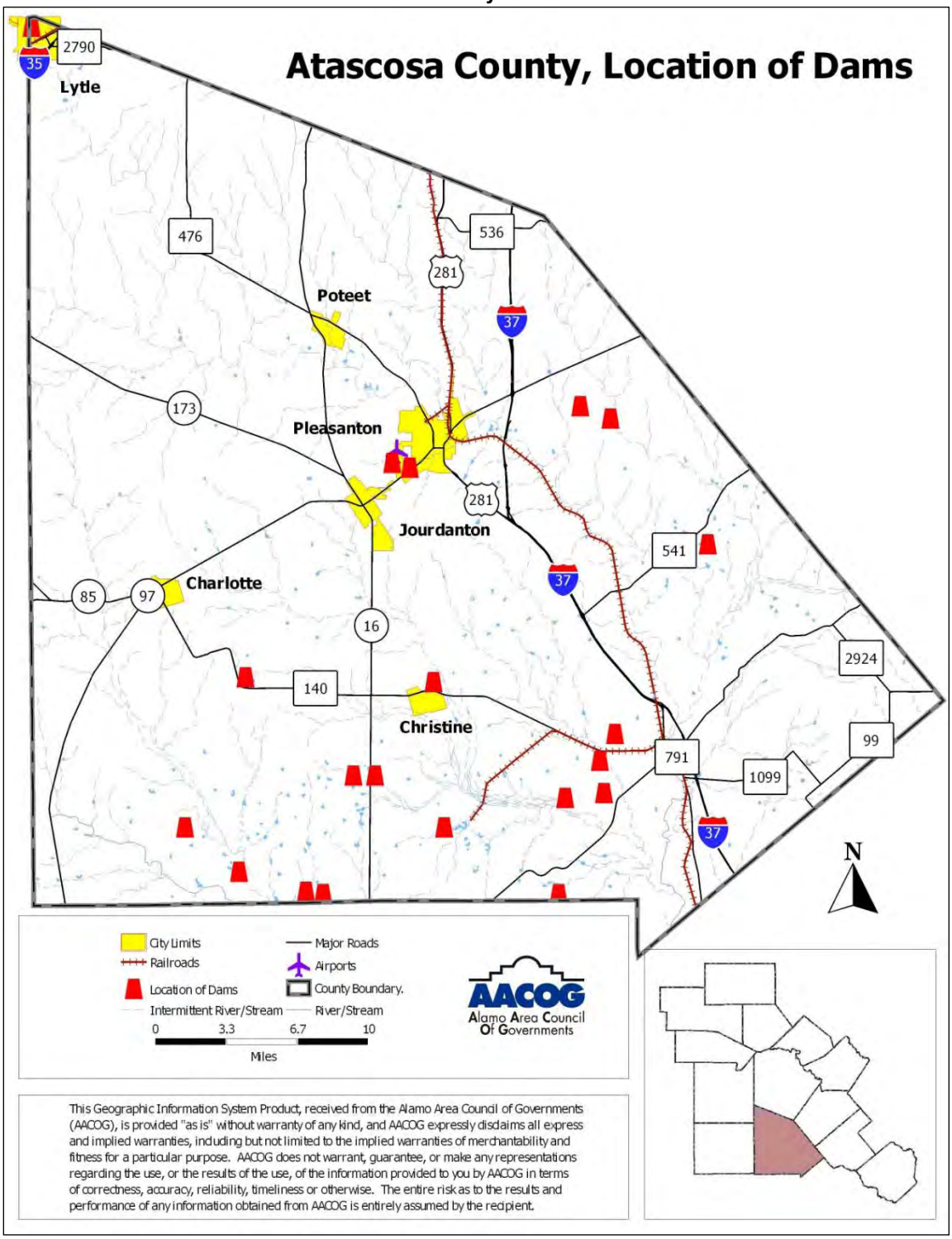
> DAM FAILURE
> *Background*
> The Texas Commission on Environmental Quality (TCEQ) currently does not have inundation maps for all high and significant hazard dams. TCEQ rules require the owners of these dams to have Emergency Action Plans (EAPs) to the TCEQ by Jan. 1, 2011, unless they have requested and received an extension of this deadline. All of these dams will not have an inundation map, but will have a map showing impact area.
> *Strategies*
> The State will provide funds that will assist local jurisdictions to pay for the cost of a study that determines the dam failure inundation area.

(a) For local jurisdictions that have obtained a mitigation planning grant for the purpose of creating or updating their local mitigation plan, TDEM will provide State Technical Assistance funds, if requested and when available, for the purpose of determining the inundation area as part of the local risk assessment for dam failure.
(b) Local jurisdictions may apply for funds to develop a dam failure inundation map through the Flood Protection Planning (FPP) grant offered by the Texas Water Development Board.

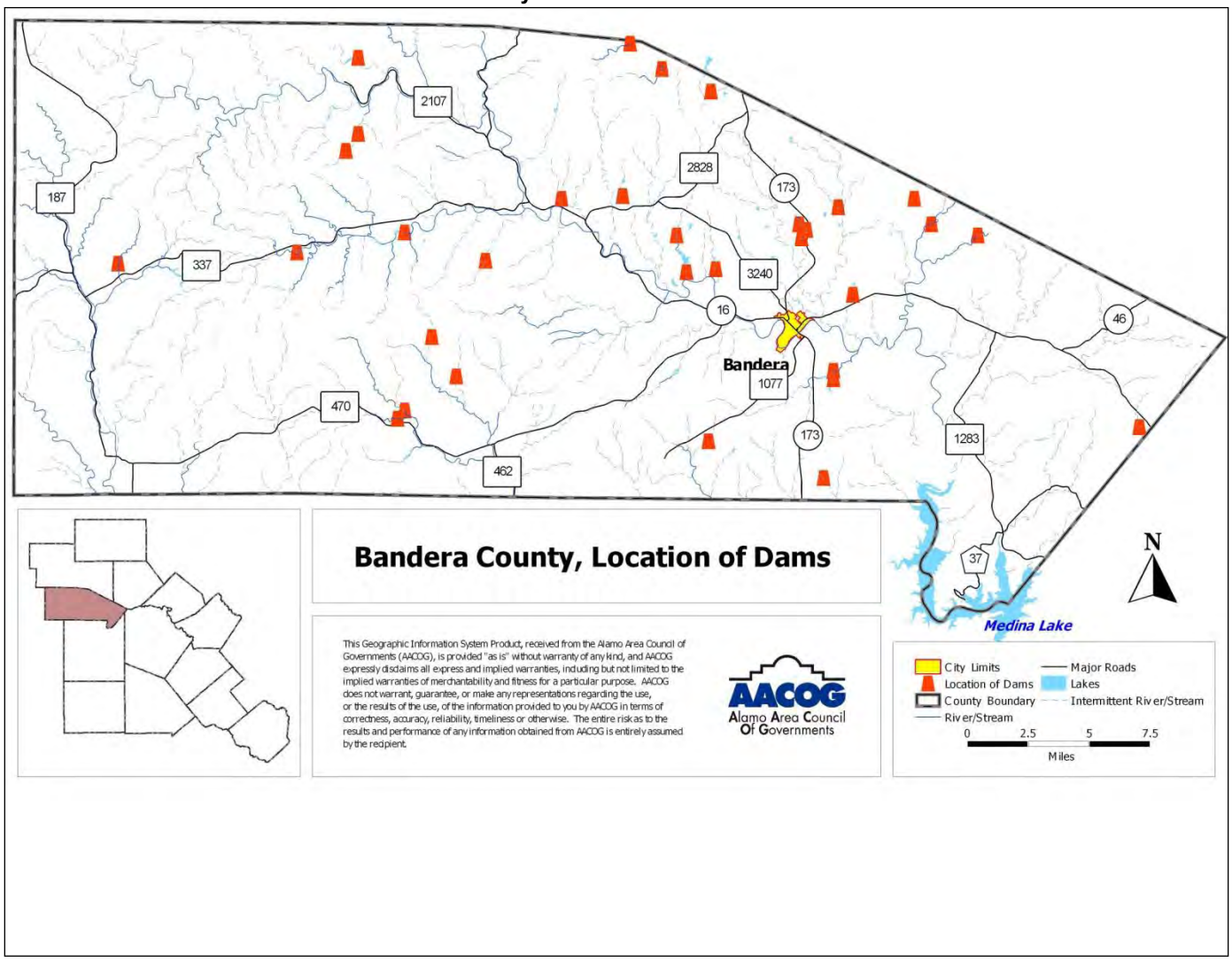
Maps 6.5.2.1-2 through 6.5.2.1-12 show the location of identified high hazard potential dams for each participating county. These maps do not show every dam and levee in the planning area; many small, privately owned and maintained dams and levees are not accounted for on the following maps, as the risk they pose to the planning area is considered to be very low.

Appendix K contains a data table listing the name and location of all high hazard potential dams in the planning area. This data table corresponds to the maps that follow.

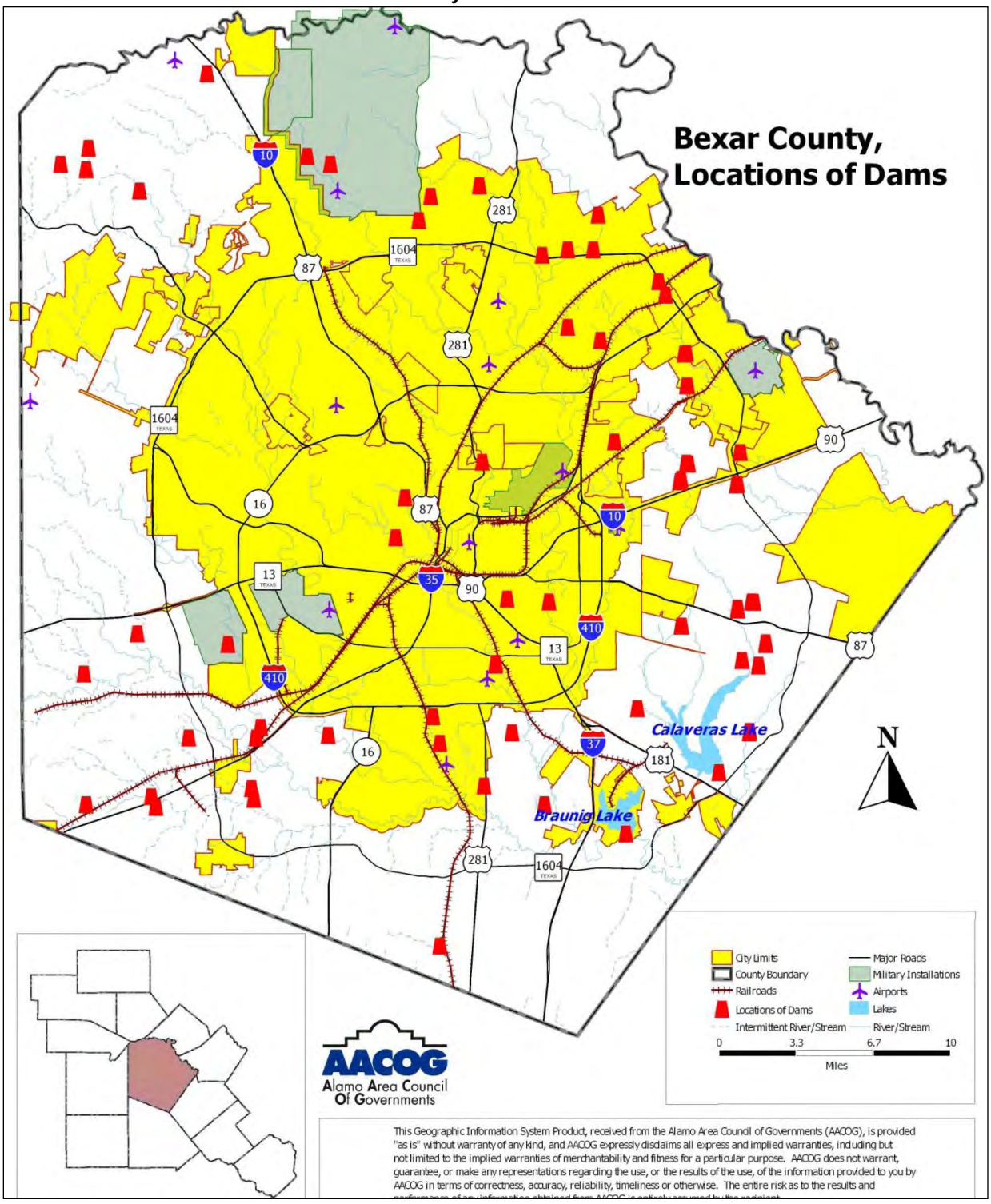
Map 6.5.2.1-2
Atascosa County - Locations of Dams



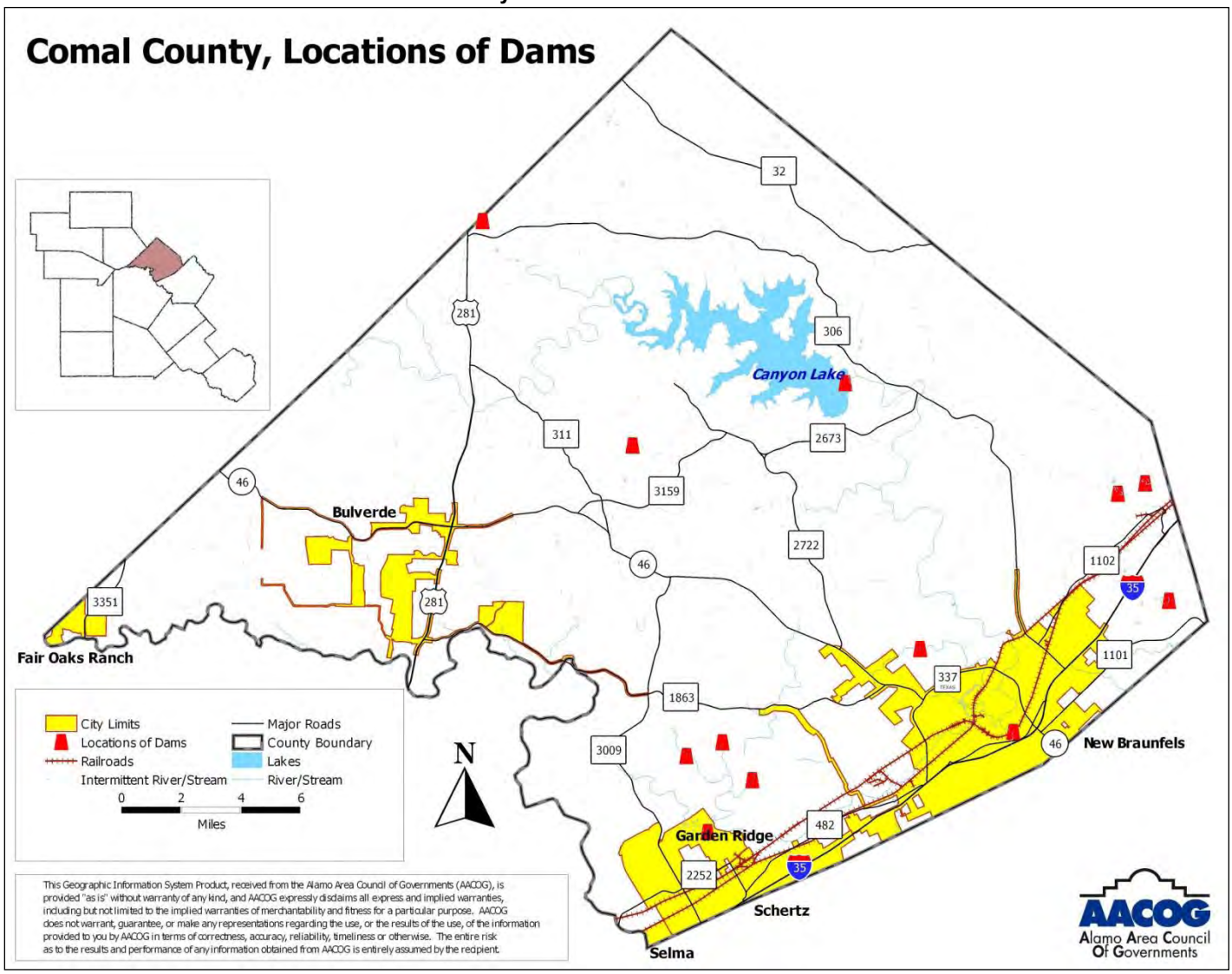
Map 6.5.2.1.3
Bandera County - Locations of Dams



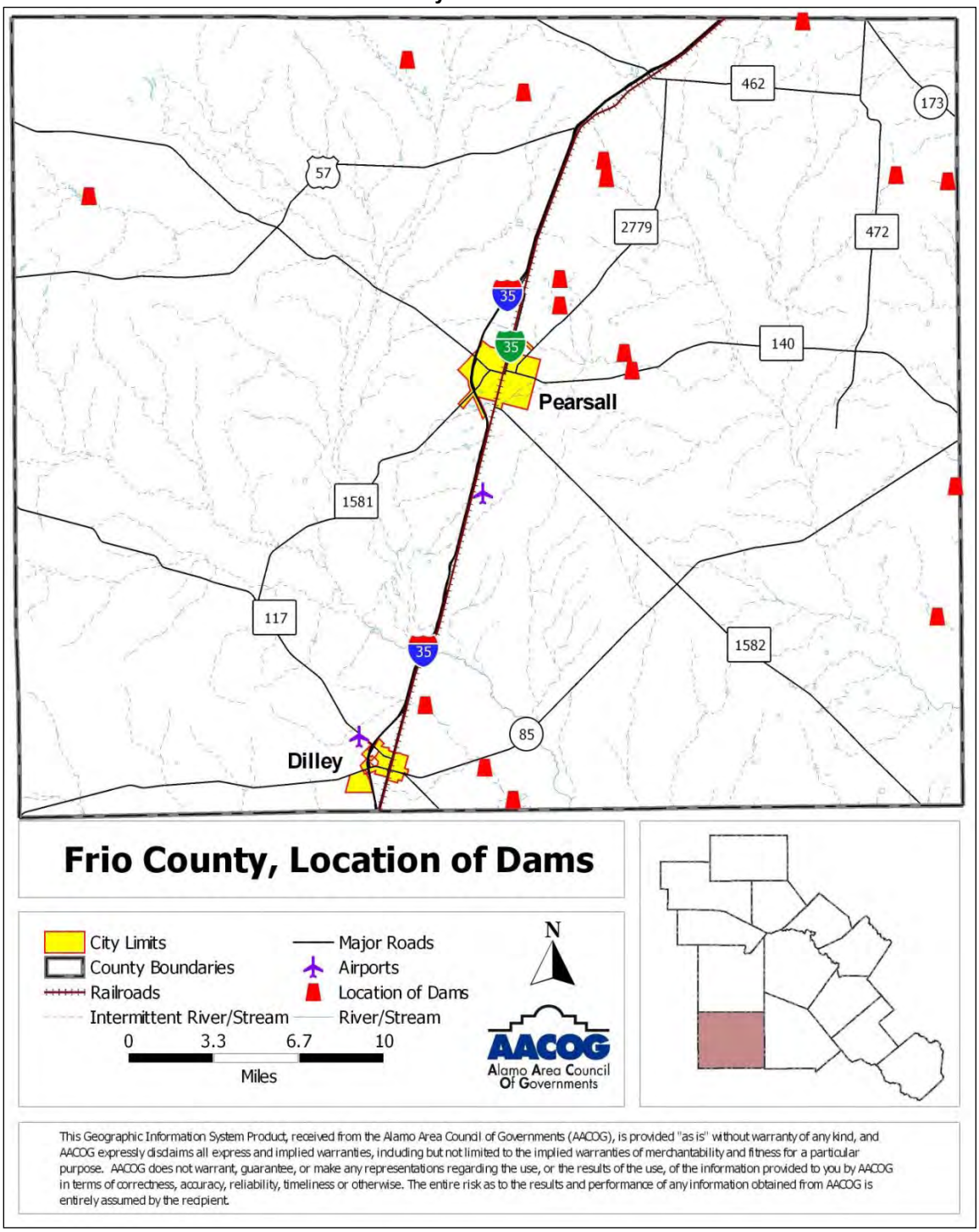
Map 6.5.2.1-4
Bexar County - Locations of Dams



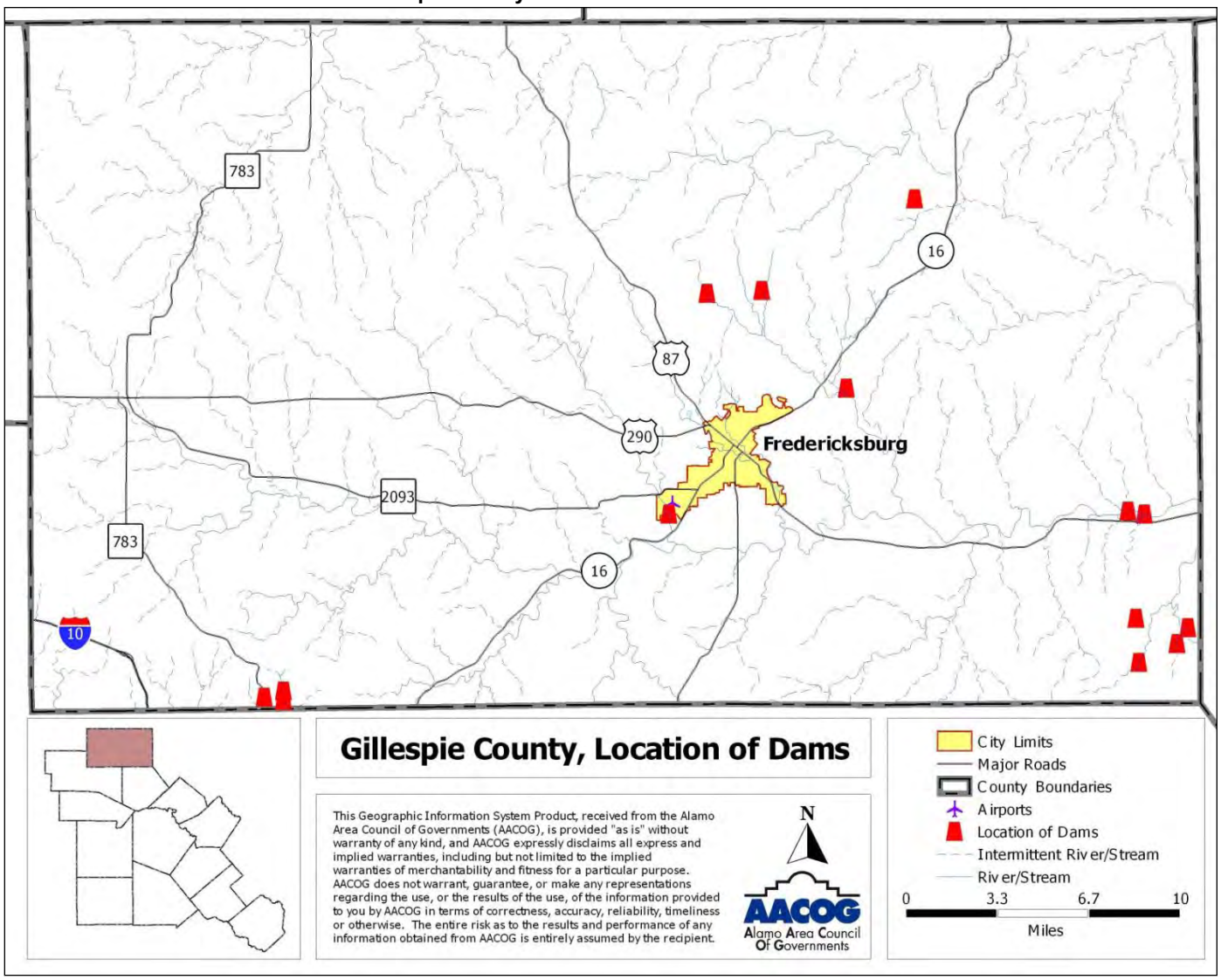
Map 6.5.2.1-5
Comal County - Locations of Dams



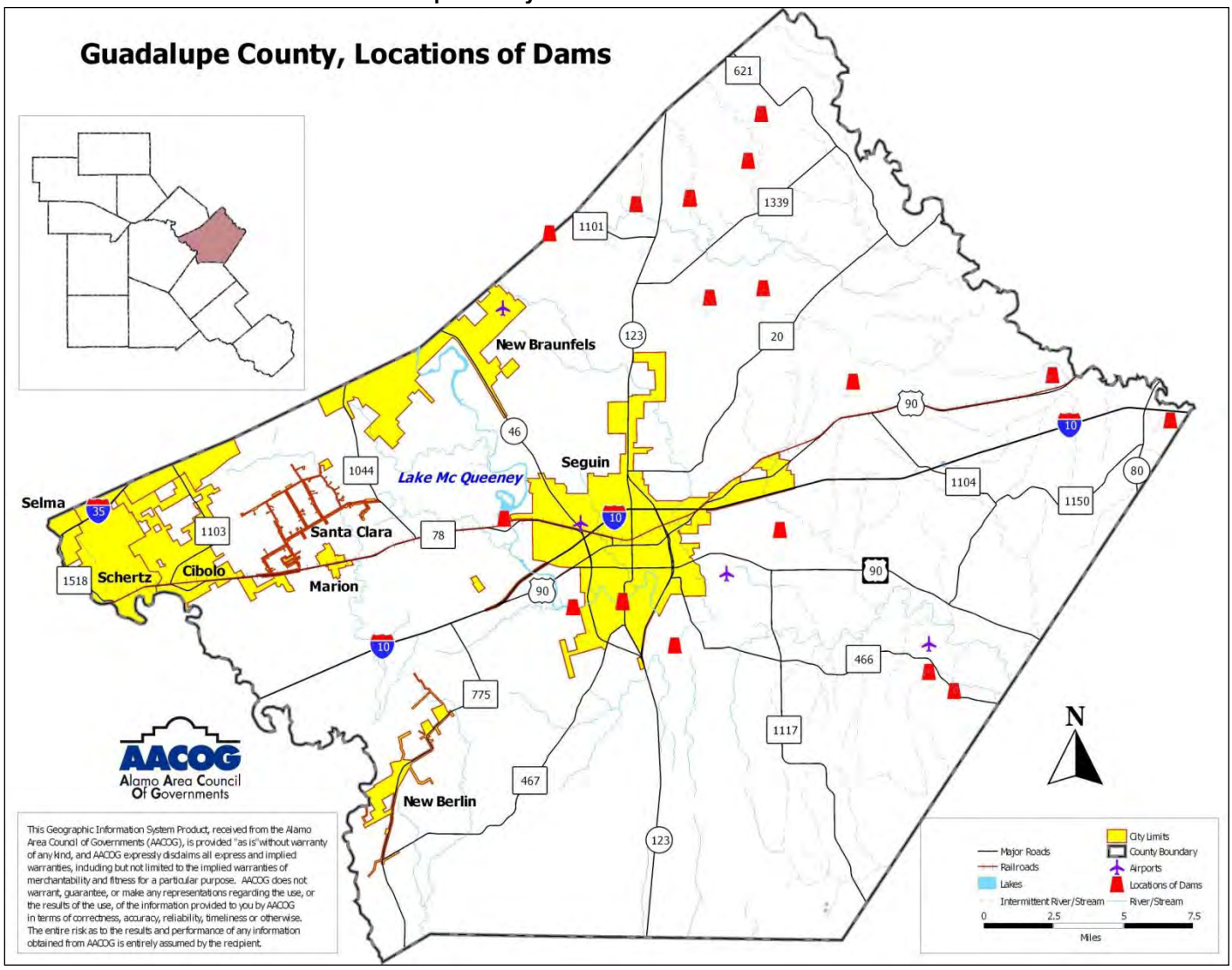
Map 6.5.2.1-6
Frio County - Locations of Dams



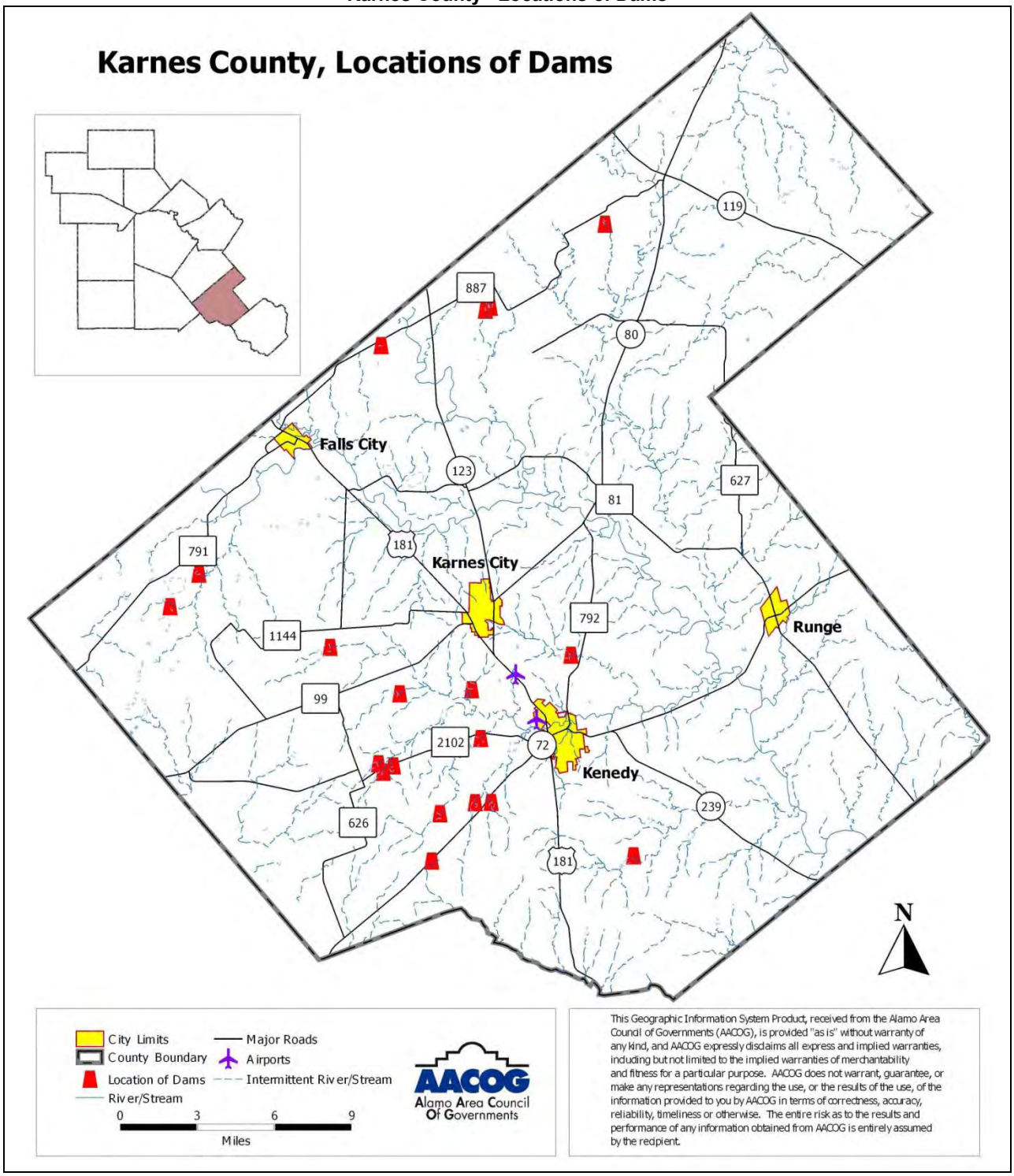
Map 6.5.2.1-7
Gillespie County - Locations of Dams



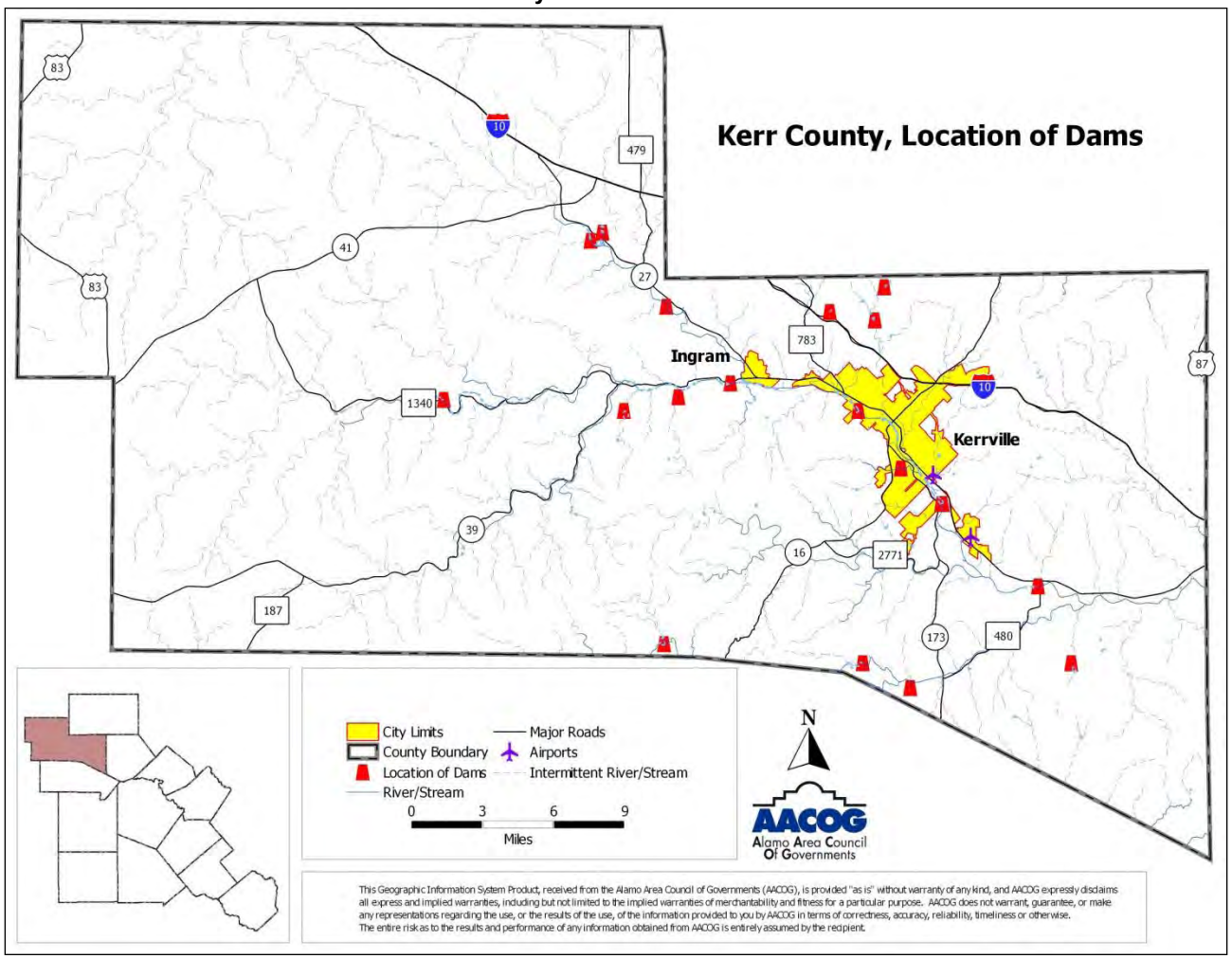
Map 6.5.2.1-8
Guadalupe County - Locations of Dams



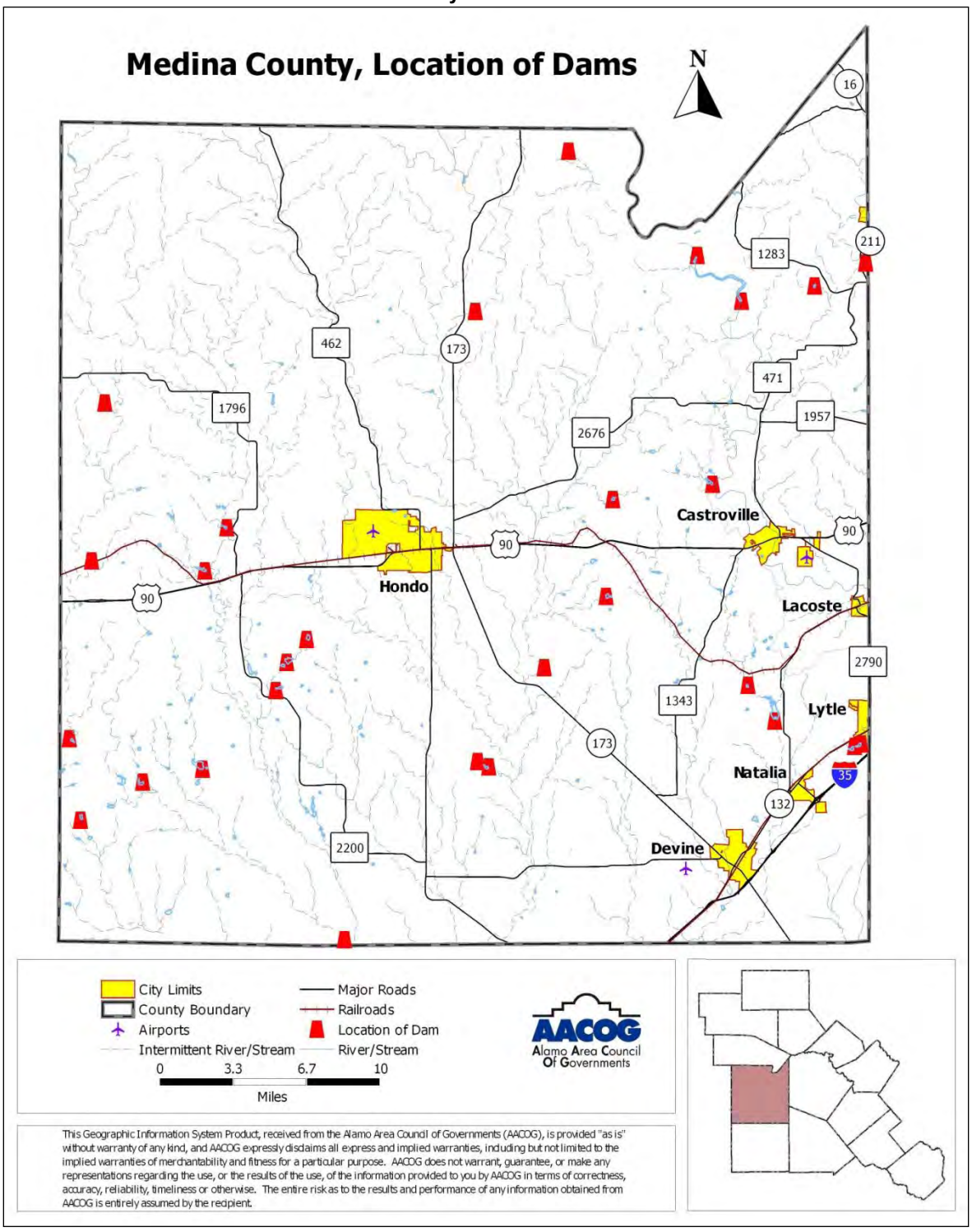
Map 6.5.2.1-9
Karnes County - Locations of Dams



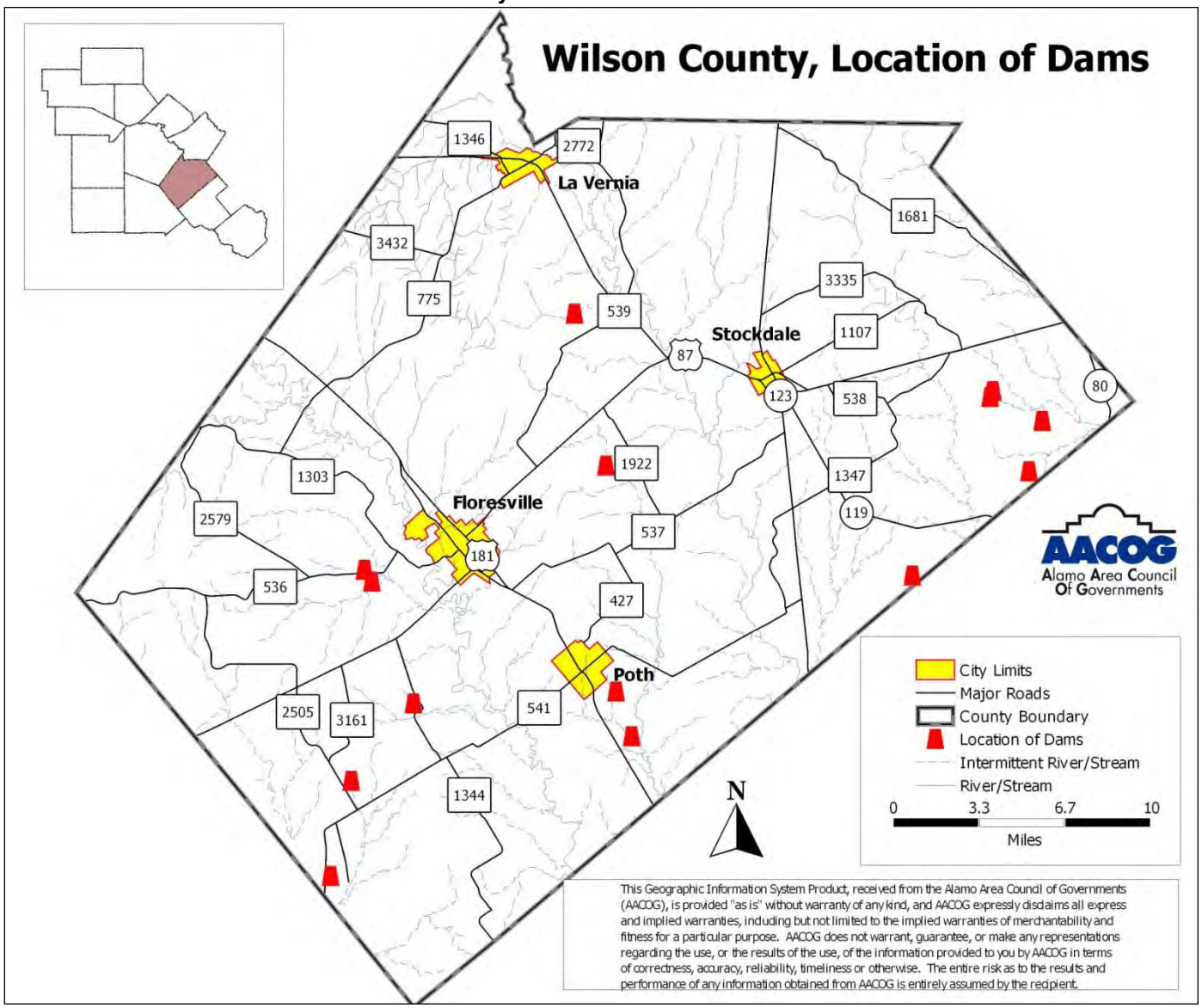
Map 6.5.2.1-10
Kerr County - Locations of Dams



Map 6.5.2.1-11
Medina County - Locations of Dams



Map 6.5.2.1-12
Wilson County - Locations of Dams



6.5.2.2 Risk Assessment

This subsection of the Plan Updates provides estimates of future flood (dam/levee failure) losses, i.e. risk. Each of the loss calculations is based on best available data, but they must be considered estimates because highly detailed engineering was not performed as part of this planning process.

Methodology and Limitations

After discussion and review of the best available data regarding this hazard, and in consideration of the potential impacts of this hazard to the planning area, the EMC determined that the risk assessment should include both qualitative and quantitative analyses, to the extent possible. Severe data limitations exist with this analysis, which are discussed later in this section.

Qualitative

Each participating jurisdiction was asked to provide a qualitative risk assessment ranking regarding the flood (dam / levee failure) hazard. (For definitions of these rankings, please see Table 6.4-1, earlier in this section.) The results of this assessment are presented in the table below.

6.5.2.2-1
Qualitative Risk Assessment Results –Dam / Levee Failure

Jurisdictions Ranking Hazard as High	Jurisdictions Ranking Hazard as Moderate	Jurisdictions Ranking Hazard as Low	
Bexar County	City of Helotes	Atascosa County	Comal County
City of Leon Valley	City of San Antonio	City of Charlotte	City of Garden Ridge
City of New Berlin	City of Von Ormy	City of Christine	City of Bulverde
City of Seguin	Frio County	City of Jourdanton	City of New Braunfels
San Antonio River Authority	City of Pearsall	City of Lytle	City of Dilley
	Gillespie County	City of Pleasanton	City of Fredericksburg
	Guadalupe County	City of Poteet	City of Schertz
	City of Kenedy	Bandera County	Karnes County
	Kerr County	City of Bandera	City of Karnes
	City of Ingram	City of Alamo Heights	City of Runge
	City of Kerrville	City of Balcones Heights	City of Falls City
	City of Devine	City of Converse	Medina County
	City of Stockdale	City of Kirby	City of Castroville
		City of Live Oak	City of Hondo
		City of St. Hedwig	City of Natalia
		City of Somerset	Wilson County
		City of Terrell Hills	City of La Vernia
		City of Universal City	
		City of Windcrest	

Quantitative

Each participating jurisdiction provided information regarding the location and type of critical facilities within their planning area. These facilities were mapped in relation to the one mile, downstream radius surrounding each high

hazard potential dam within the planning area. Given the lack of building specific data (only location and use type were available at this time), this analysis assumes that all facilities and mobile homes located within the one mile radius are potentially at risk from some depth of flooding in the event of a dam failure. The depth of flooding or inundation that these facilities could experience would depend upon a variety of factors, many of which are continuously in flux, including:

- Volume of water contained by the dam/levee
- Specific elevation of the facility in relation to ground level
- Type of failure suffered by the dam or levee (sudden, slow, etc)

See Appendix K for dam-specific capacity and potential acres of inundation calculations.

While this analysis assumes that all facilities within a 1-mile downstream radius would have at least some exposure to the dam and levee failure hazard, it does not assume that all facilities within this radius would be exposed to the same extent or severity of the hazard. As of the development of this plan update, however, sufficient detailed information regarding both the facilities at risk and the dams themselves was not available. Therefore, this analysis only seeks to quantify the number of structures with some level of exposure. It is intended that future revisions and updates to this plan will be able to provide more specific, more detailed information regarding this hazard.

Table 6.5.2.2-2 lists the facilities at risk by jurisdiction and the number of acres that could be inundated to at least a depth of one (1) foot, based on the normal storage capacity of the dams in the county.

6.5.2.2-2
Quantitative Risk Assessment Results –Dam and Levee

Jurisdiction	Number of Acres at Risk of at Least 1 Foot Inundation from Dam	Facilities within 1 mile of Dams
Gillespie	7,698 acres	1 – Other 4 – Airports 3 – Mobile Homes
Kerr	7,146 acres	1 – City Hall 1 – Airport 2 – Day Care 2 – Fire Stations 1 – Communications 2 – Hospital 3 – Nursing Homes 3 – Other 2 – Police Departments 10 – Schools 1 – Transportation 1 – Water Supply
Bandera	10,220 acres	1 – School 1 – Police Department 1 – Fire Department 4 – Other 2 – Airports 164 – Mobile Homes

Jurisdiction	Number of Acres at Risk of at Least 1 Foot Inundation from Dam	Facilities within 1 mile of Dams
Wilson	3,781 acres	62 – Mobile Homes
Atascosa	4,280 acres	2 – Fire Station 1 – Airport 1 – Power Plant 2 – Nursing Homes 3 – Schools 1 – Water Supply 102 – Mobile Homes
Guadalupe	20,567 acres	1 – Airport 2 – Fire Station 2 – Nursing Home 1 – Power Plant 2 – Schools 3 – Water Supply
Bexar	188,502 acres	4 – Airport 3 – City Hall 3 – Communications 1 - Corrections 2 – Day Care 8 – Fire Department 5 – Fire Stations 7 – Hospitals 25 – Nursing Homes 6 – Other 1 – Police Department 6 – Police Stations 4 – Public Works 55 – Schools 4 – Town Halls 13 – Water Supply 585 – Mobile Homes
Comal	1,258,110 acres	1 – Power Plant 3 – Schools 330 – Mobile Homes
Medina	346,212 acres	1 – Nursing Home
Frio	7,567 acres	NA
Karnes	11,817 acres	NA

Data to collect in order to improve this methodology prior to the Plan Update includes:

- Data regarding building construction (materials, protection systems, etc.)
- Data regarding first flood elevations for each building
- Data regarding dam inundation areas, available for public distribution

Risk Assessment Conclusions

As the table above illustrates, Bexar County has the greatest number of critical facilities within one mile of dams, by far. It is worth noting that many facilities which house vulnerable populations, such as schools and nursing homes, are located within the potential dam inundation areas. Several mobile homes are also located within this radius. Further analysis is required in order to determine which facilities are truly at risk of significant flooding and would benefit from hazard mitigation.

6.5.3 Tornado

6.5.3.1 Hazard Identification

Description of the Tornado Hazard

A tornado is a violent windstorm characterized by a twisting, funnel-shaped cloud extending to the ground. Tornadoes are most often generated by thunderstorm activity (but sometimes result from hurricanes and other coastal storms) when cool, dry air intersects and overrides a layer of warm, moist air forcing the warm air to rise rapidly. The damage caused by a tornado is a result of the high wind velocity and wind-blown debris, also accompanied by lightning or large hail. According to the National Weather Service, tornado wind speeds normally range from 40 to more than 300 miles per hour. The most violent tornadoes have rotating winds of 250 miles per hour or more and are capable of causing extreme destruction and turning normally harmless objects into deadly missiles.

Each year, an average of over 800 tornadoes is reported nationwide, resulting in an average of 80 deaths and 1,500 injuries (NOAA, 2002). They are more likely to occur during the spring and early summer months of March through June and can occur at any time of day, but are likely to form in the late afternoon and early evening. Most tornadoes are a few dozen yards wide and touchdown briefly, but even small short-lived tornadoes can inflict tremendous damage. Highly destructive tornadoes may carve out a path over a mile wide and several miles long.

Severity of the Tornado Hazard

The destruction caused by tornadoes ranges from light to inconceivable depending on the intensity, size, and duration of the storm. Typically, tornadoes cause the greatest damages to structures of light construction such as residential homes (particularly mobile homes), and tend to remain localized in impact. The Fujita Scale for Tornadoes (Table 6.5.3.1-1) was developed to measure tornado strength and associated damages.

Table 6.5.3.1-1
Fujita Scale for Tornadoes (Pre-2007)

F-Scale Number	Intensity Phrase	Wind Speed	Type of Damage Done
F0	Gale tornado	40—72 MPH	Some damage to chimneys; breaks branches off trees; pushes over shallow-rooted trees; damages to sign boards.
F1	Moderate tornado	73—112 MPH	The lower limit is the beginning of hurricane wind speed; peels surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads; attached garages may be destroyed.
F2	Significant tornado	113—157 MPH	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light object missiles generated.
F3	Severe tornado	158—206 MPH	Roof and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted.
F4	Devastating tornado	207—260 MPH	Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and

			large missiles generated.
F5	Incredible tornado	261—318 MPH	Strong frame houses lifted off foundations and carried considerable distances to disintegrate; automobile sized missiles fly through the air in excess of 100 meters; trees debarked; steel re-enforced concrete structures badly damaged.
F6	Inconceivable tornado	319—379 MPH	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the mess produced by F4 and F5 wind that would surround the F6 winds. Missiles, such as cars and refrigerators would do serious secondary damage that could not be directly identified as F6 damage. If this level is ever achieved, evidence for it might only be found in some manner of ground swirl pattern, for it may never be identifiable through engineering studies.

Source: The Tornado Project, 2002.

In February 2007, use of the Fujita Scale was discontinued. In its place, the Enhanced Fujita Scale was put into use. The Enhanced Fujita Scale retains the same basic design as its predecessor, but reflects a more refined assessment of tornado damage surveys, standardization and damage consideration to a wider range of structure types. The new scale takes into account how most structures are designed, and is thought to be a much more accurate representation of the surface wind speeds in the most violent tornadoes. It is important to note the date a tornado occurred, as tornadoes which occurred prior to February 2007 are classified by the old scale and will not be converted to the Enhanced Fujita Scale.

Table 6.5.3.1-2
Enhanced Fujita Scale for Tornadoes (Post-2007)

F-Scale Number	Wind Speed	Type of Damage Done
EF0	65-85	**Light damage.** Peels surface off some roofs; some damage to gutters or siding; branches broken off trees; shallow-rooted trees pushed over.
EF1	86-110	**Moderate damage.** Roofs severely stripped; mobile homes overturned or badly damaged; loss of exterior doors; windows and other glass broken.
EF2	111-135	**Considerable damage.** Roofs torn off well-constructed houses; foundations of frame homes shifted; mobile homes completely destroyed; large trees snapped or uprooted; light-object missiles generated; cars lifted off ground.
EF3	136-165	**Severe damage.** Entire stories of well-constructed houses destroyed; severe damage to large buildings such as shopping malls; trains overturned; trees debarked; heavy cars lifted off the ground and thrown; structures with weak foundations blown away some distance.
EF4	166-200	**Devastating damage.** Well-constructed houses and whole frame houses completely leveled; cars thrown and small missiles generated.
EF5	>200	**Incredible damage.** Strong frame houses leveled off foundations and swept away;

		automobile-sized missiles fly through the air in excess of 100 m (109 yd); high-rise buildings have significant structural deformation; incredible phenomena will occur.

Source: Storm Prediction Center 2010.

The entire planning area is subject to experiencing the entire range of the tornado hazard.

Impact to People and Property from the Tornado Hazard

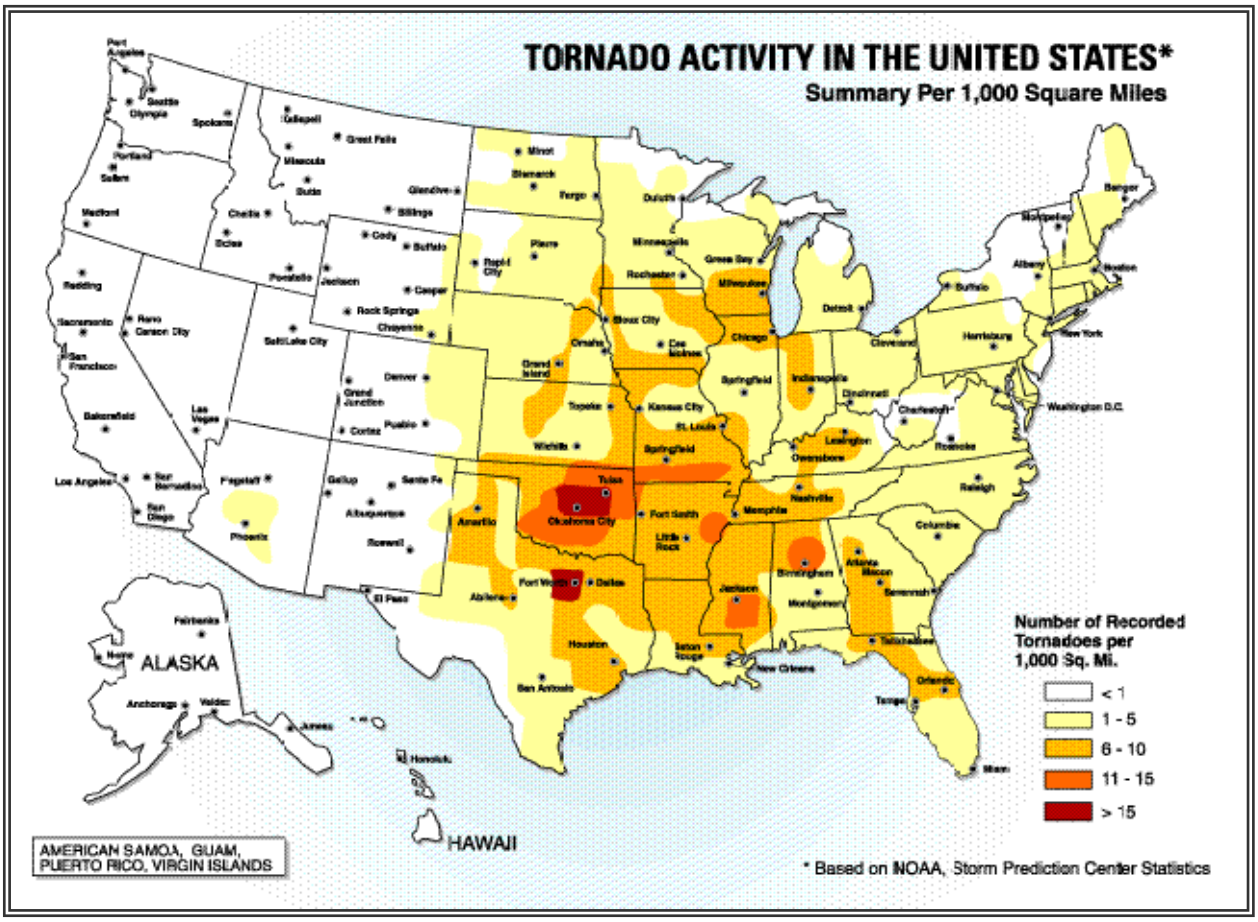
Due to their spontaneous development and unpredictable paths, as well as their violently rotating winds, tornadoes have the potential to catastrophically impact people and property, to produce widespread damage, and to cause both injury and loss of life. Even smaller, less intent tornadoes can wreak havoc and total destruction on the people and property in their paths.

Especially at risk are those buildings that are constructed to older or lesser standards, such as mobile homes. These populations are particularly vulnerable, as even smaller tornadoes – such as EF1 – can devastate both the structure and the inhabitants.

Occurrences of the Tornado Hazard

According to the NOAA Storm Prediction Center (SPC), the highest concentration of tornadoes in the United States has been in Oklahoma, Texas, Kansas and Florida respectively. Although the Great Plains region of the Central United States does favor the development of the largest and most dangerous tornadoes (earning the designation of "tornado alley"), Florida experiences the greatest number of tornadoes per square mile of all U.S. states (SPC, 2002). Figure 6.5.3.1-1 shows tornado activity in the United States based on the number of recorded tornadoes per 1,000 square miles. As this figure shows, the planning area experiences 1-5 recorded tornadoes per 1,000 square miles, on average.

Figure 6.5.3.1-1
Tornado Activity in the United States

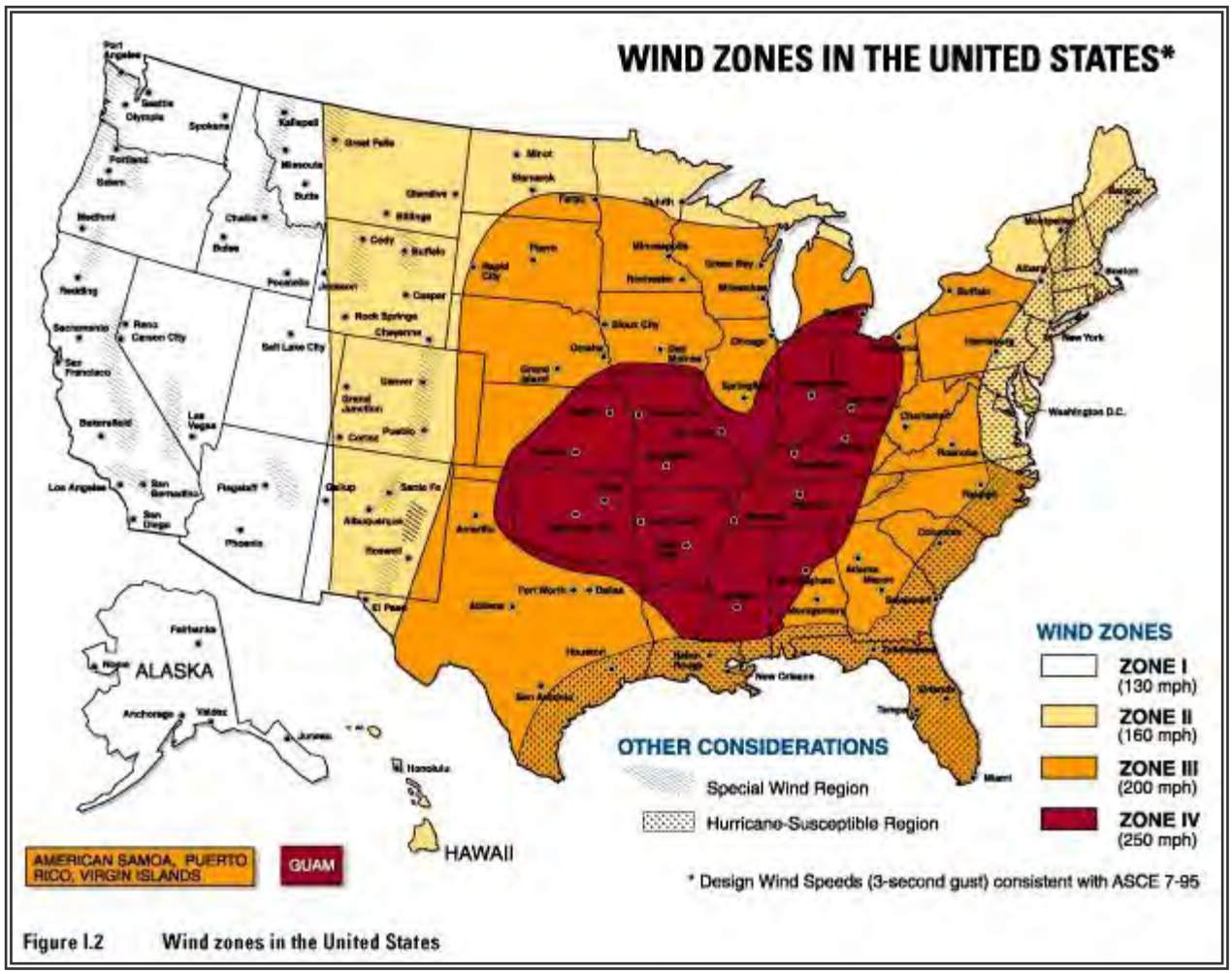


Source: American Society of Civil Engineers.

The tornadoes associated with tropical cyclones are most frequent in September and October when the incidence of tropical storm systems is greatest. This type of tornado usually occurs around the perimeter of the storm, and most often to the right and ahead of the storm path or the storm center as it comes ashore. These tornadoes commonly occur as part of large outbreaks and generally move in an easterly direction.

Figure 6.5.3.1-2 shows how the frequency and strength of extreme windstorms vary across the United States. The figure was produced by the Federal Emergency Management Agency and is based on 40 years of tornado history and over 100 years of hurricane history. Zone IV, the darkest area on the illustration, has experienced both the greatest number of tornadoes and the strongest tornadoes. As demonstrated in the figure, the planning area is located in Zone III, which is a 200 MPH design wind-speed zone, and is just outside of a designated Hurricane-Susceptible Region.

Figure 6.5.3.1-2
Wind Zones in the United States



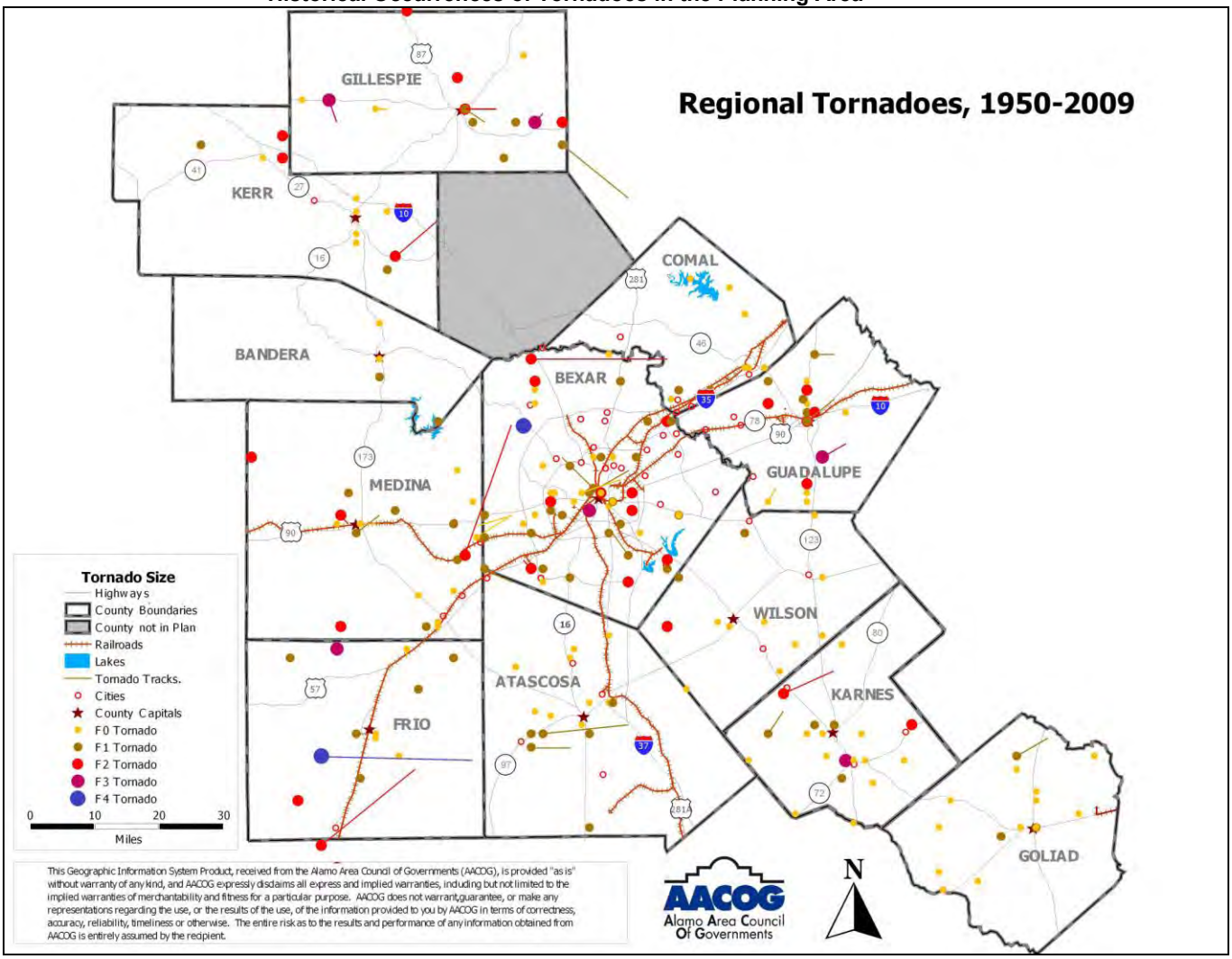
Source: Federal Emergency Management Agency.

When compared with other states, Texas ranks first in the number of tornado events, first in tornado deaths, first in tornado injuries, and first in damages. These rankings are based upon data collected for all states and territories for tornado events between 1950 and 1994 (SPC, 2003).

On July 24, 2008, at approximately 10:00am, a small tornado formed from the remnants of Hurricane Dolly and touched down in San Antonio, causing damage to numerous homes and businesses south of downtown. At least two other tornados touched in different parts of San Antonio. 311 customer service department call takers took in 34 calls from residents reporting damages to their homes and requesting assistance with debris removal. One home sustained major damage from a large tree being uprooted and lifting the foundation of an addition to the home. Gas and electricity were turned off, and the residents sought shelter elsewhere.

Map 6.5.3.1-1 shows the recorded tornadoes in the planning area, from 1950 – 2009.

Map 6.5.3.1-1
Historical Occurrences of Tornadoes in the Planning Area



According to the National Climatic Data Center, the geographic area of the Alamo Area Council of Governments experienced 243 tornado events from 1950 through 2009 (Table 6.5.3.1-3). These events caused 11 deaths and a total of approximately $85,976,000 in property damage (NCDC, 2010).

Table 6.5.3.1-3
Tornado Activity in the AACOG Region (1950-2009)

County	# of Recorded Tornadoes 1950—2009	Total Property Damage Recorded	Deaths
Atascosa	15	$308,000	0
Bandera	8	$53,000	0
Bexar	62	$60,211,000	3
Comal	13	$600,000	0
Frio	16	$90,000	5
Gillespie	15	$2,260,000	0
Guadalupe	21	$513,000	0
Karnes	24	$483,000	0
Kerr	11	$360,000	0
Medina	22	$20,993,000	3
Wilson	14	$105,000	0
TOTAL	**221**	**$85,976,000**	**11**

Source: National Climatic Data Center.

The following section describes some notable tornado events that have occurred in the planning area since 2000. Note that this list is not exhaustive, but is intended to be illustrative only.

10/12/2001 - Gillespie County
A tornado in Stonewall, rated F3 on the Fujita Scale. The worst damage was to trees and homes between RR1623 and SH290, across the northwest and north central part of Stonewall. Ninety homes sustained damage with six destroyed. In addition, seven mobile homes were destroyed and 20 damaged. Damage was also reported to 22 buildings. Approximately $1 million in damage was recorded and five persons were injured as a result of the tornado.

10/12/2001 - Medina County
The tornado nearly 500 yards in width was rated F2 because of the level of damage from the airport to the armory. Almost 150 homes in Hondo and almost 50 more outside the city were damaged, with nearly 100 mobile homes damaged. At least 10 houses and 30 mobile homes were destroyed. Losses to homes and mobile homes were estimated at $1.5 million dollars. In addition, nearly two-dozen aircraft were damaged and destroyed at the Hondo Airport. Commercial losses totaled nearly $18 million dollars. At least 25 persons were injured.

03/19/2002 - Bexar County
A series of six tornadoes struck the area. Tornado number five, strongest of the six and rated as an EF2 tornado on the Fujita Scale, produced a hit-and-miss damage path. It completely destroyed four mobile homes and damaged several others, causing $3.5 million in property damage and 30 injuries.

07/21/07 – Guadalupe County – City of Seguin
An EF2 tornado touched down in the city, resulting in more than $50,000 in property damage.

Probability of Future Occurrences of the Tornado Hazard

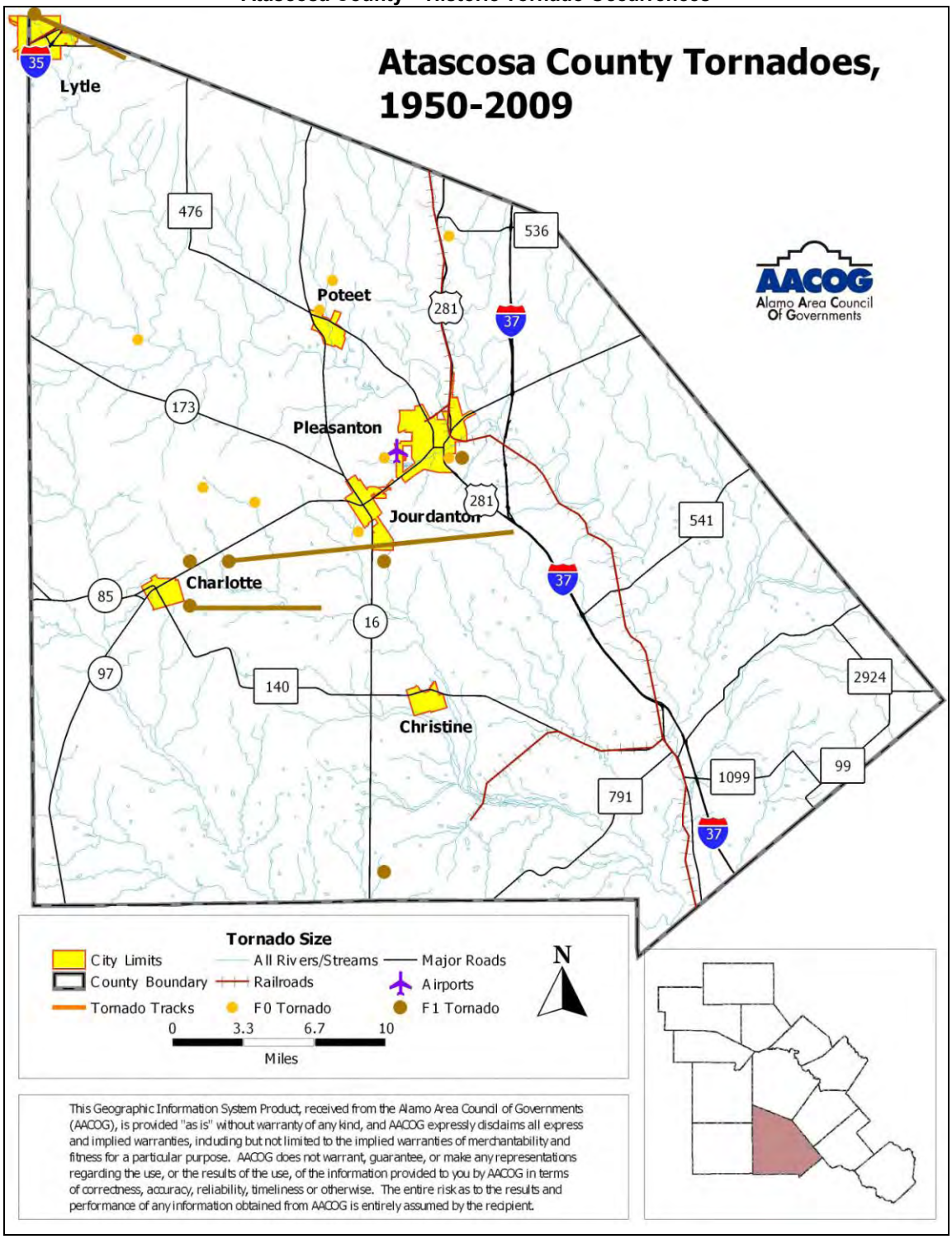
Tornado probability has not been mapped because it can be assumed that based on previous occurrences, the entire region is likely to experience a tornado and all areas are equally vulnerable.

Considering historical occurrences, the probability of future occurrences of the tornado hazard in the planning area is high.

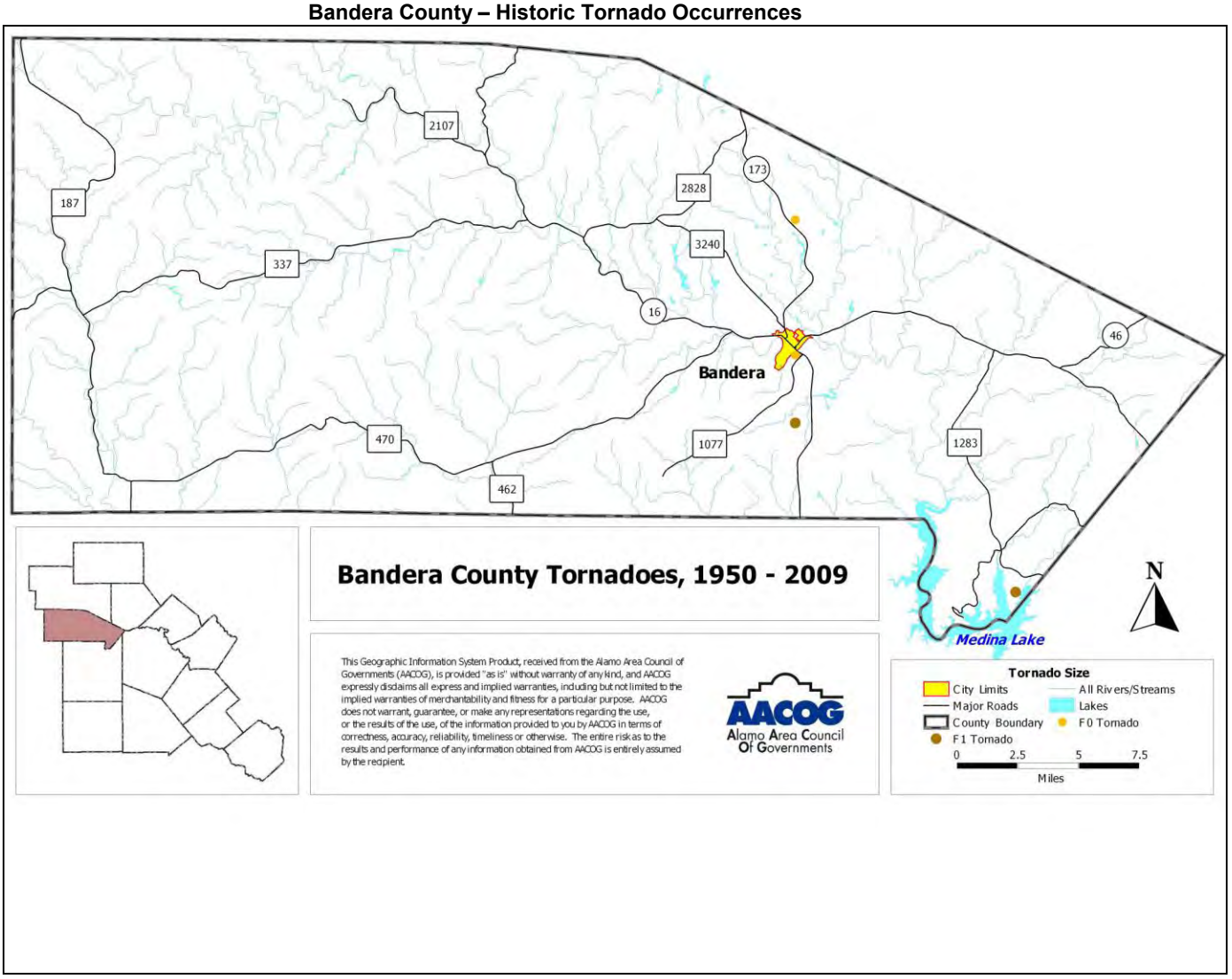
Location and Extent of the Tornado Hazard

Maps 6.5.3.1-2 through 6.5.3.1-12 show the recorded tornado occurrences for each participating county, as recorded by NCDC, from 1950 – 2009. Note that these maps only show the tornadoes recorded by NCDC, and therefore do not necessarily account for every tornado that has occurred in the stated timeframe. Where available, track information is included in the map.

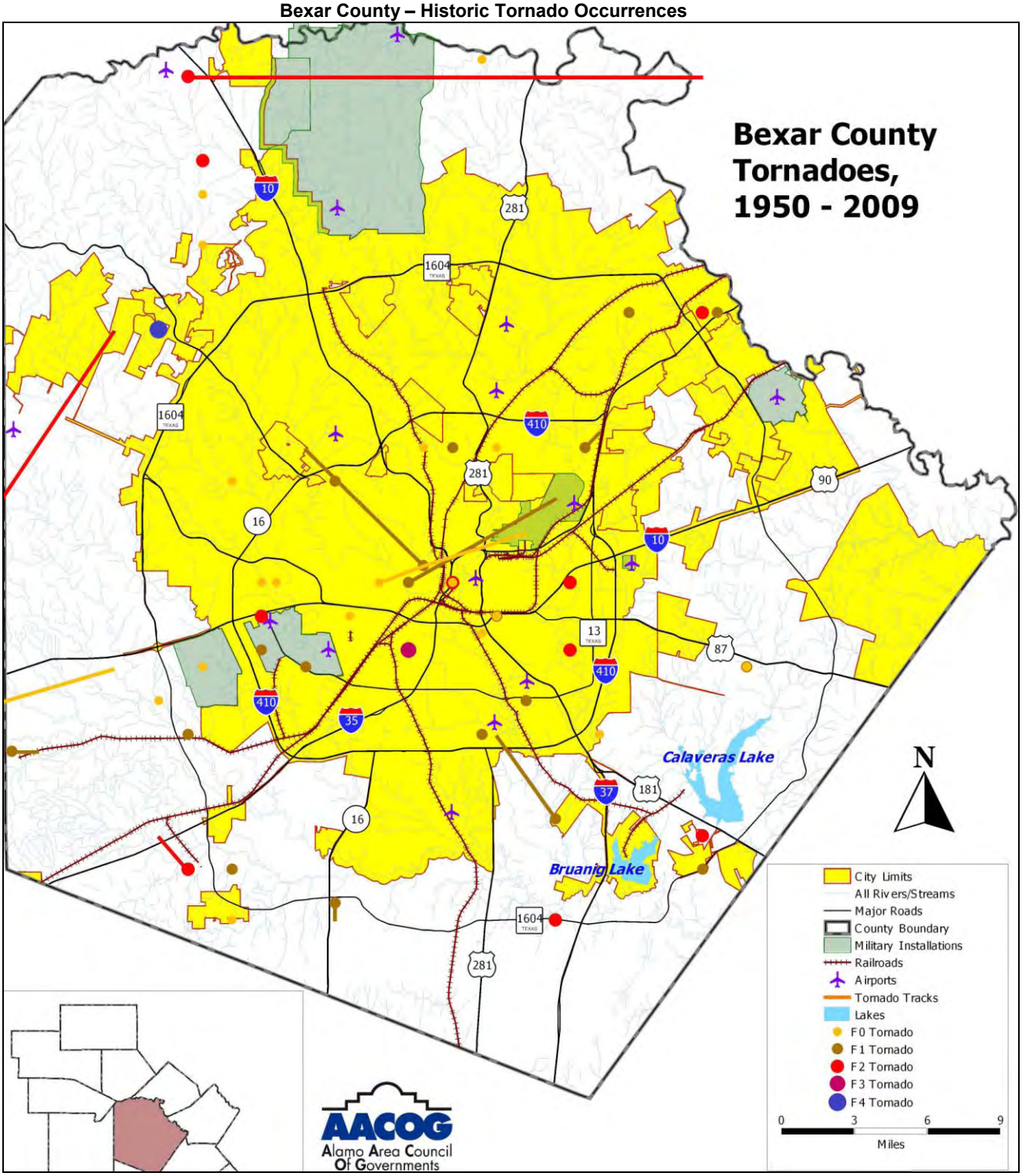
Map 6.5.3.1-2
Atascosa County – Historic Tornado Occurrences



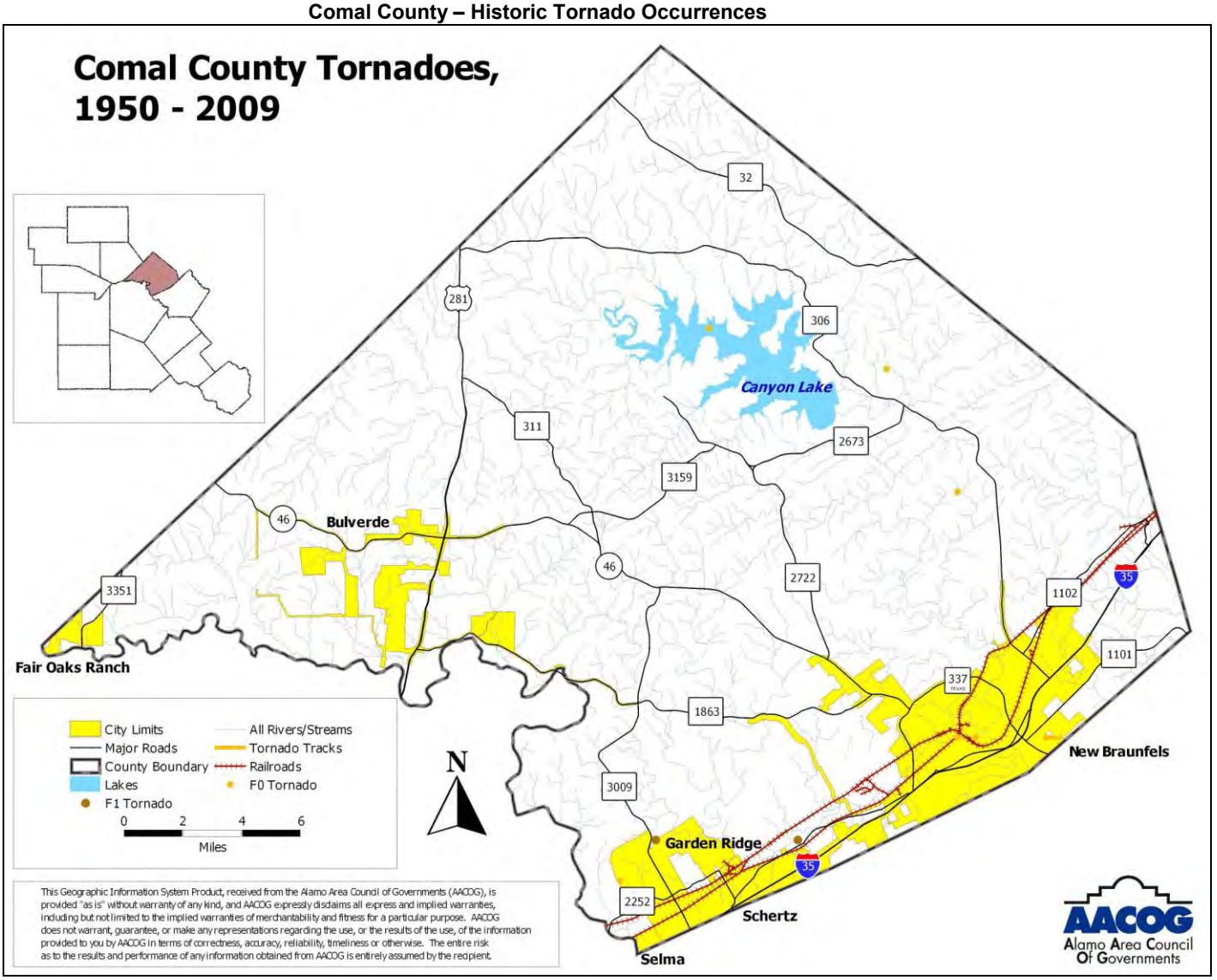
Map 6.5.3.1-3
Bandera County – Historic Tornado Occurrences



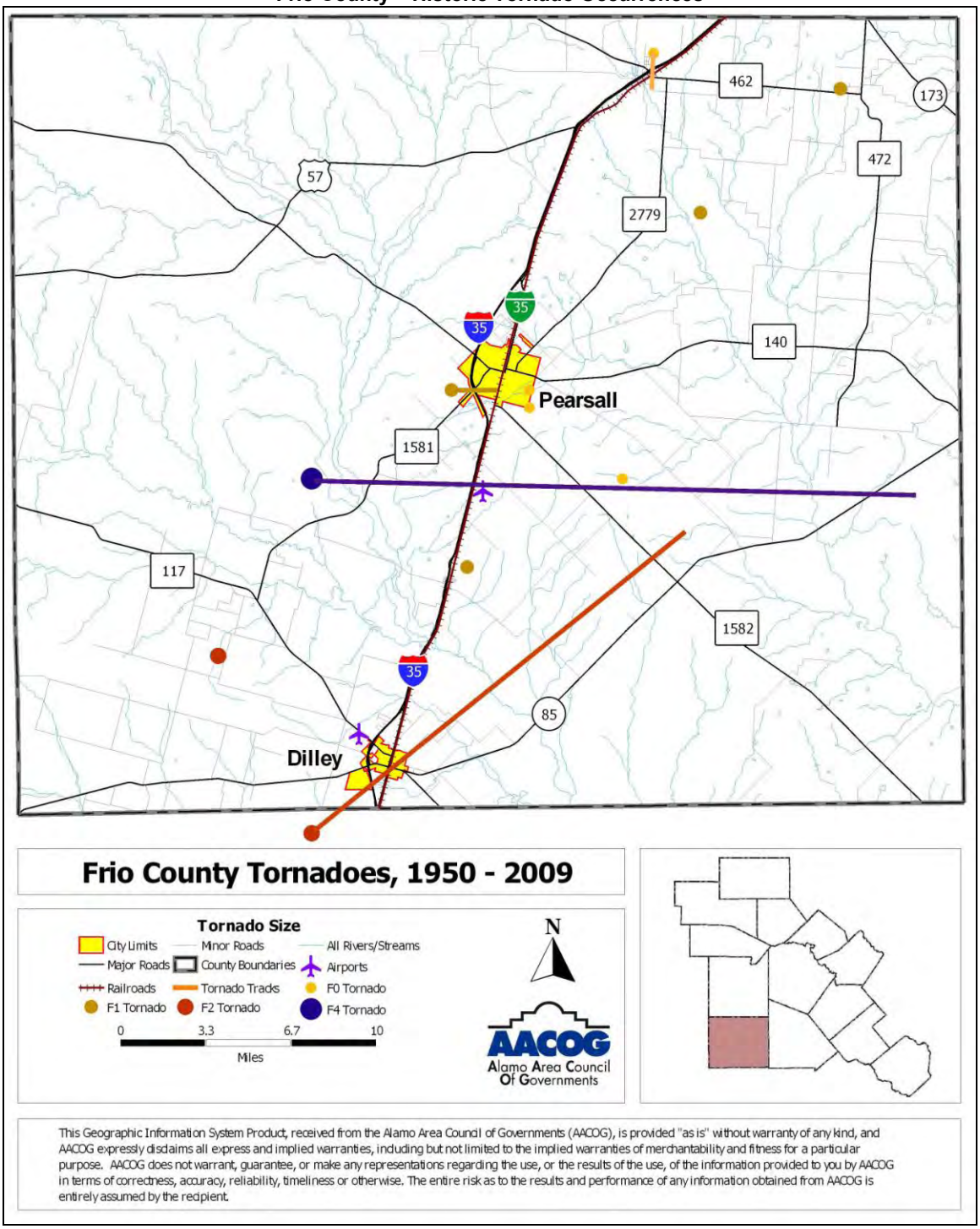
Map 6.5.3.1-4
Bexar County – Historic Tornado Occurrences



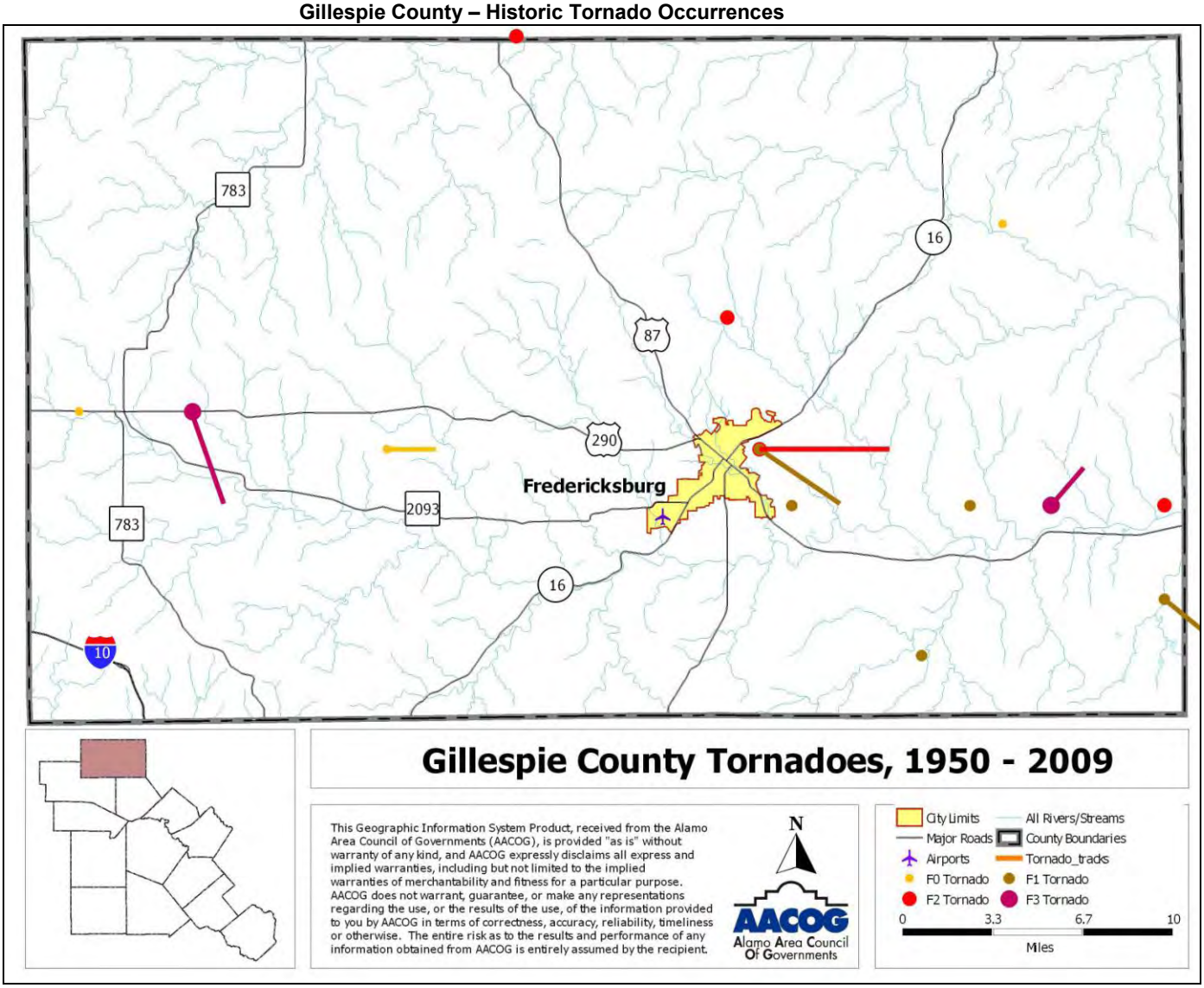
Map 6.5.3.1-5
Comal County – Historic Tornado Occurrences



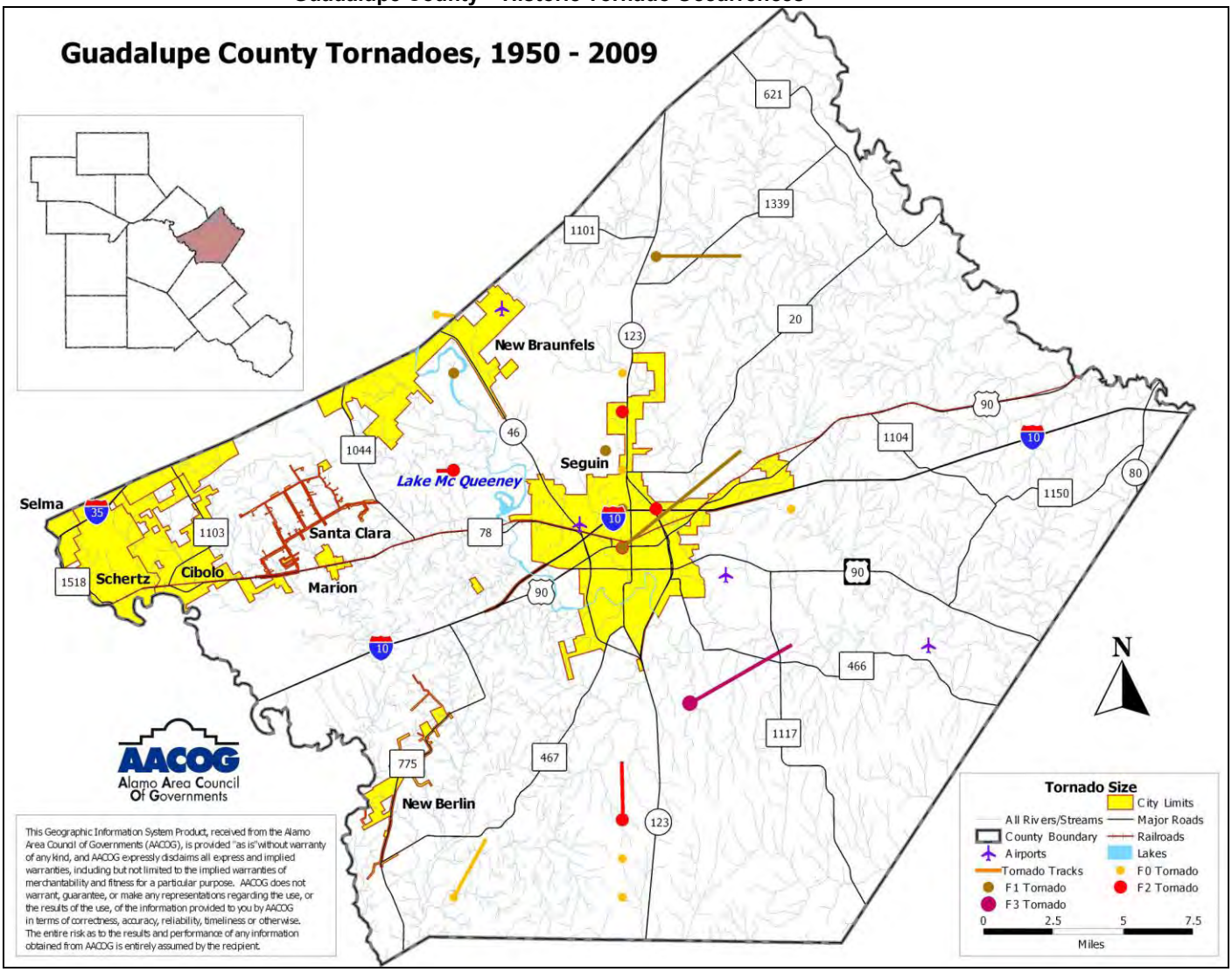
Map 6.5.3.1-6
Frio County – Historic Tornado Occurrences



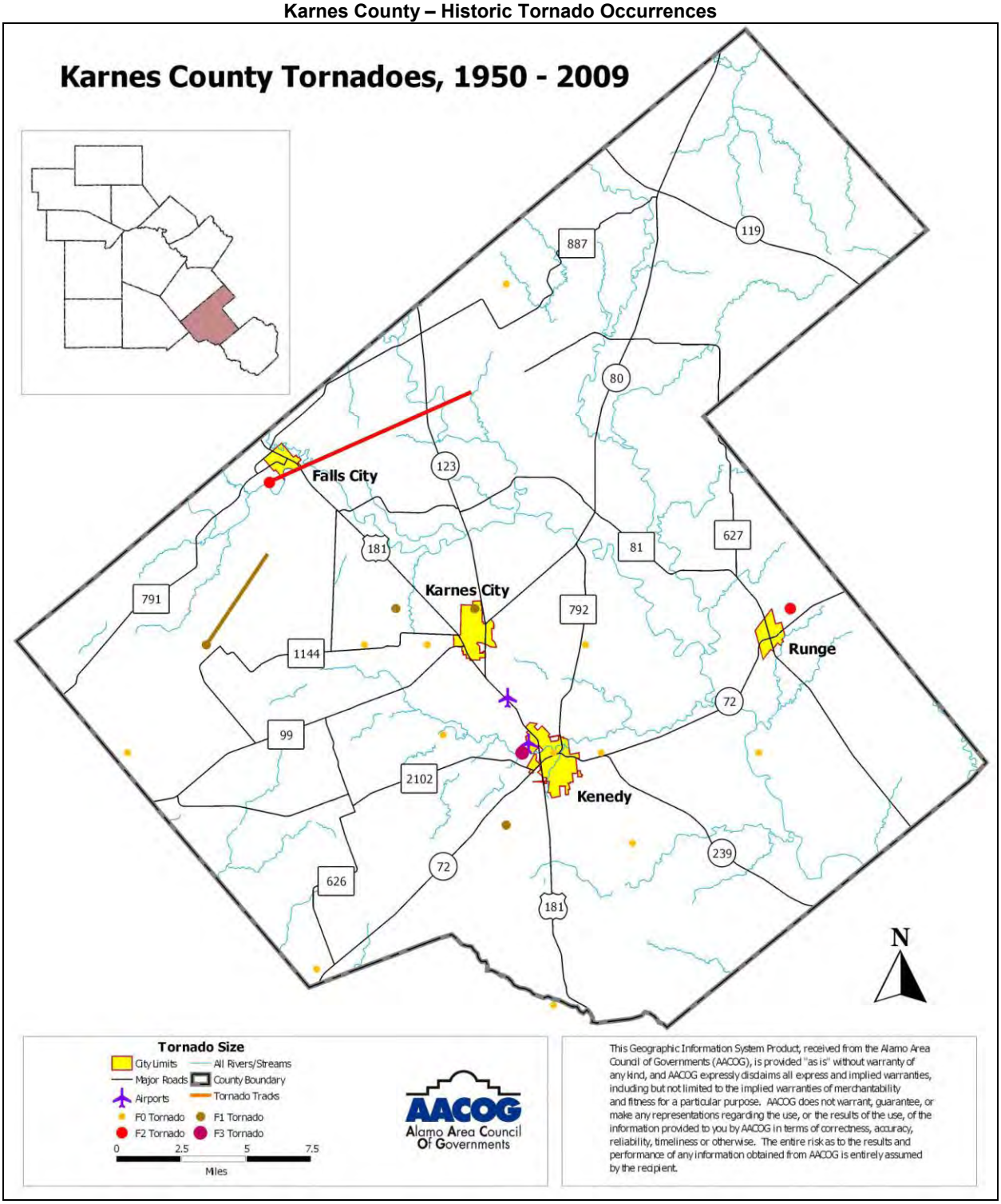
Map 6.5.3.1-7
Gillespie County – Historic Tornado Occurrences



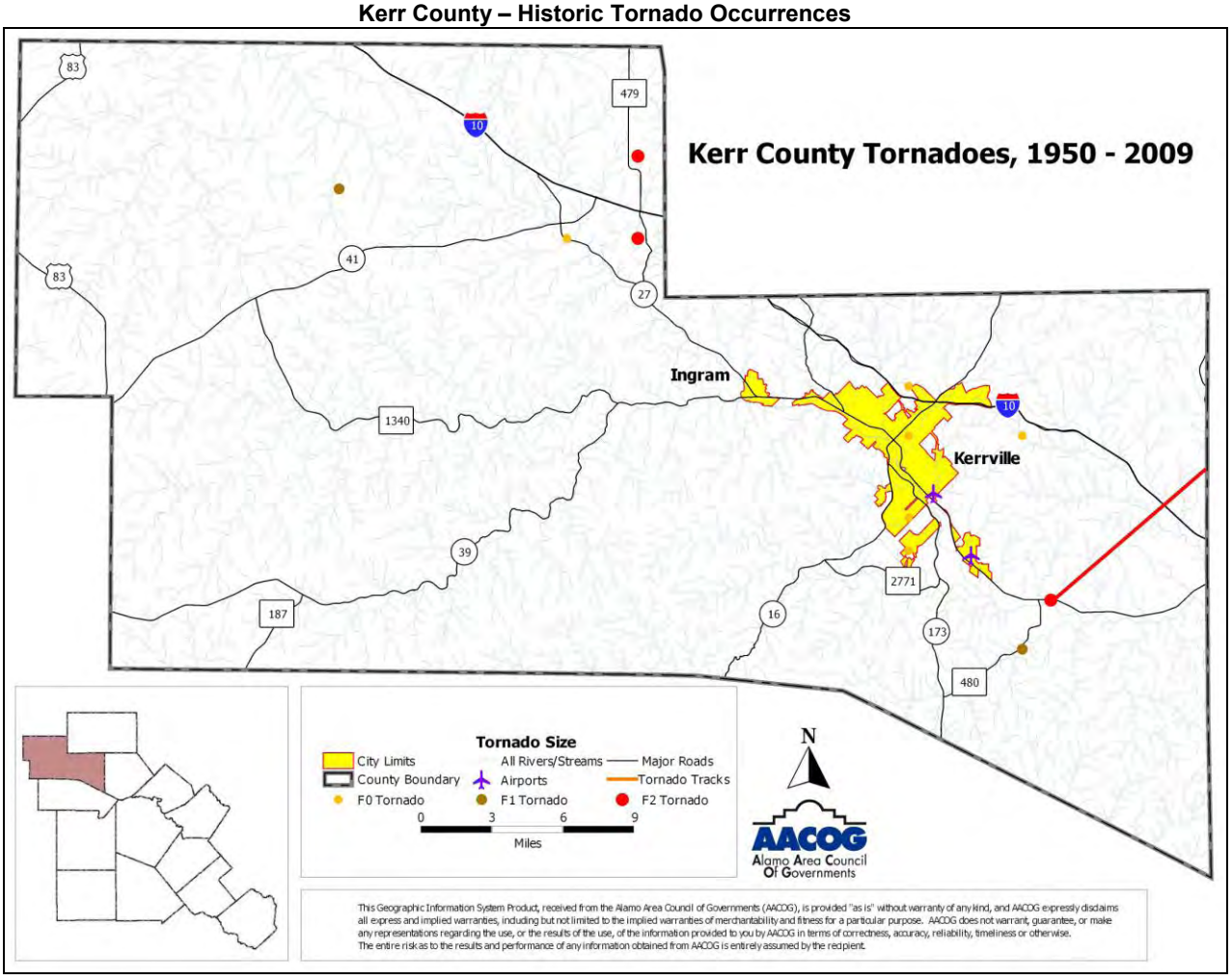
Map 6.5.3.1-8
Guadalupe County – Historic Tornado Occurrences



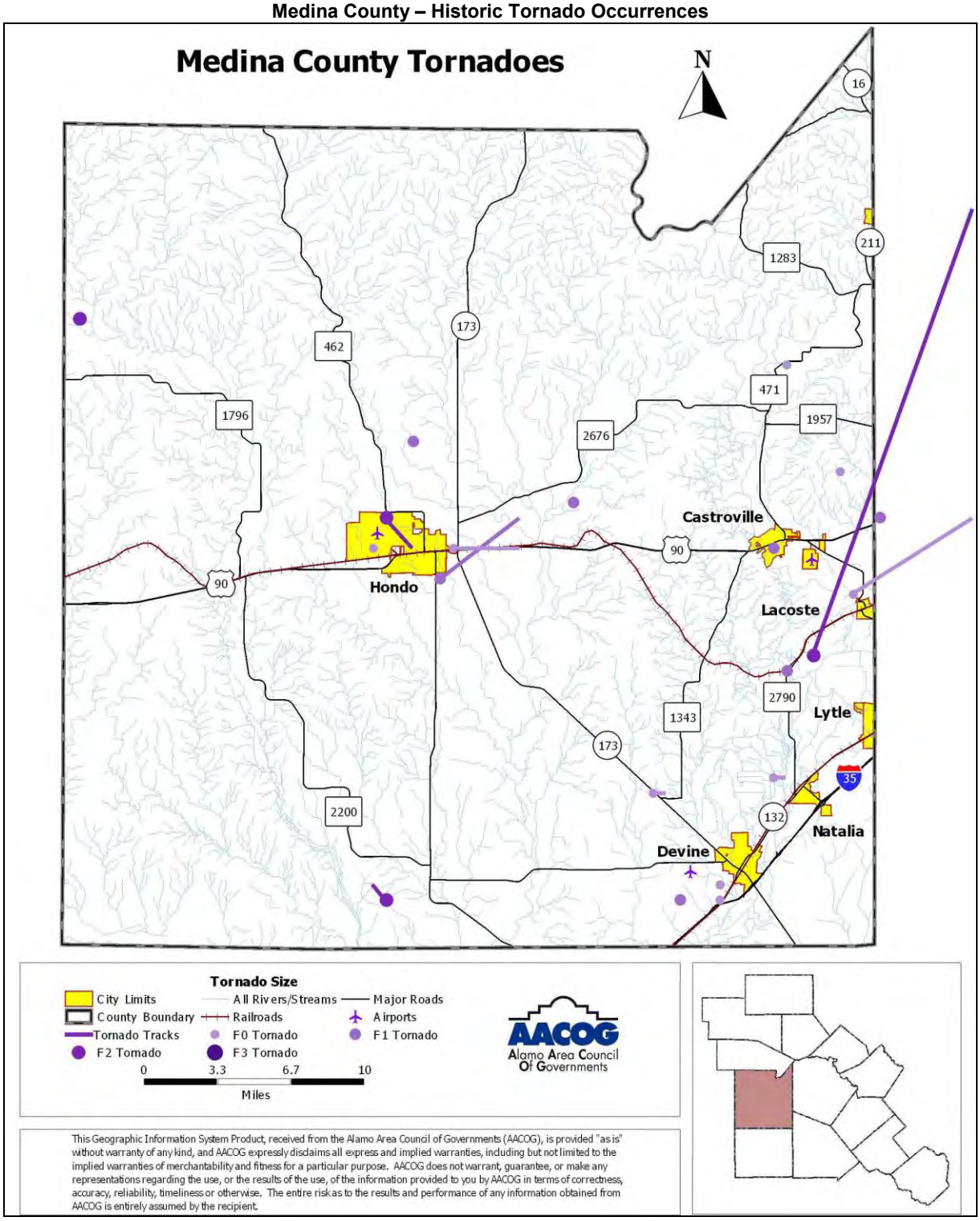
Map 6.5.3.1-9
Karnes County – Historic Tornado Occurrences



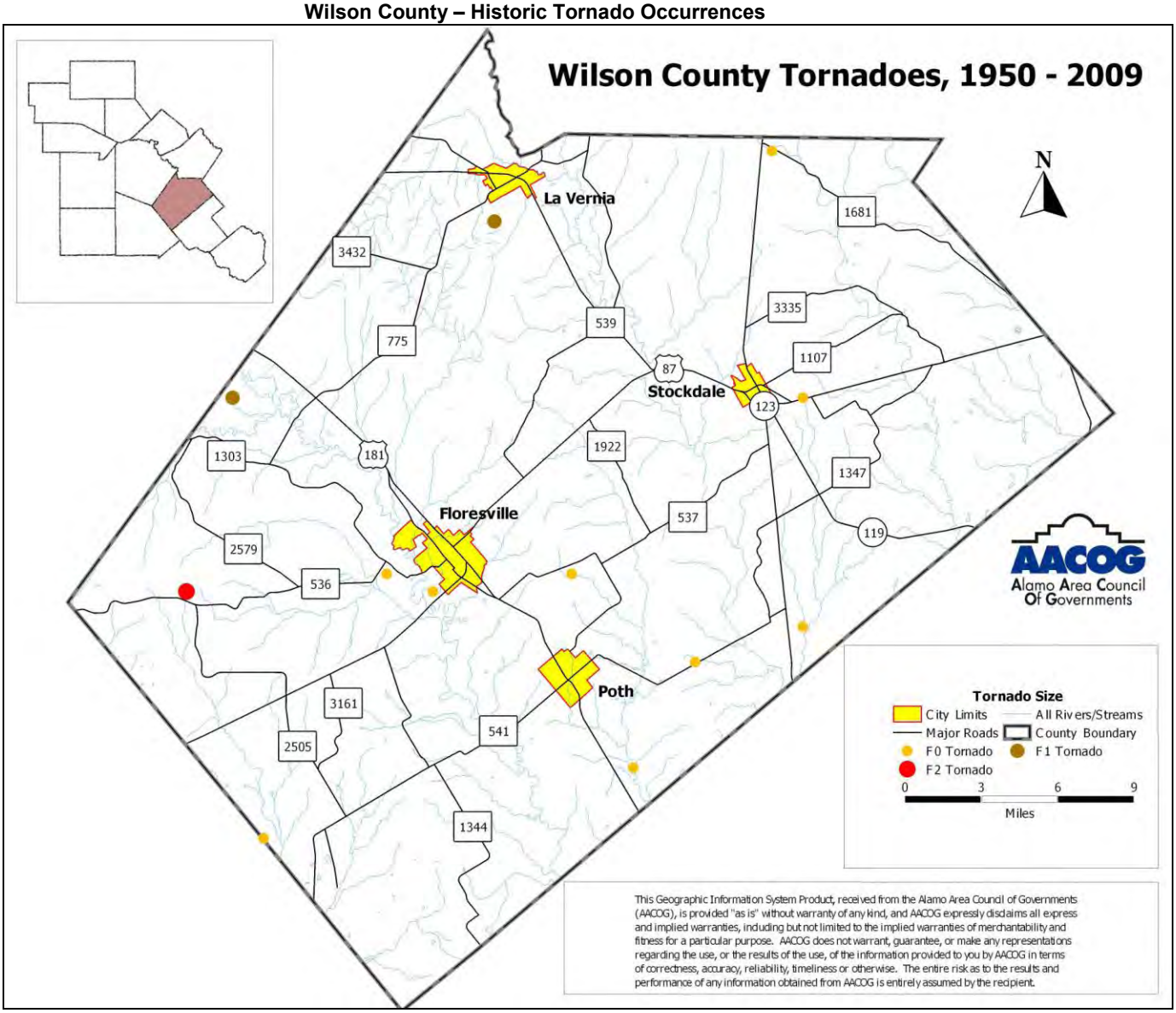
Map 6.5.3.1-10
Kerr County – Historic Tornado Occurrences



Map 6.5.3.1-11
Medina County – Historic Tornado Occurrences



Map 6.5.3.1-12
Wilson County – Historic Tornado Occurrences



6.5.3.2 Risk Assessment

This subsection of the Plan Updates provides estimates of future tornado losses, i.e. risk. Each of the loss calculations is based on best available data, but they must be considered estimates because highly detailed engineering was not performed as part of this planning process.

Methodology and Limitations

After discussion and review of the best available data regarding this hazard, and in consideration of the potential impacts of this hazard to the planning area, the EMC determined that the risk assessment should be limited to a qualitative analysis. At the time of this update, insufficient data exists to quantify the planning area's risks from and exposure to this hazard.

Qualitative
Each participating jurisdiction was asked to provide a qualitative risk assessment ranking regarding the tornado hazard. (For definitions of these rankings, please see Table 6.4-1, earlier in this section.) The results of this assessment are presented in the table below.

6.5.3.2-1
Qualitative Risk Assessment Results – Tornado

Jurisdictions Ranking Hazard as Low	Jurisdictions Ranking Hazard as Moderate		Jurisdictions Ranking Hazard as High	
City of Selma Comal County City of Garden Ridge City of Bulverde City of New Braunfels City of Schertz City of La Vernia	City of Alamo Heights City of Balcones Heights City of Converse City of Helotes City of San Antonio City of St. Hedwig City of Somerset City of Terrell Hills	City of Windcrest Frio County Guadalupe County City of New Berlin City of Seguin City of Karnes City of Kenedy City of Runge City of Falls City Medina County City of Castroville City of Devine City of Hondo City of Natalia San Antonio River Authority	Atascosa County City of Charlotte City of Christine City of Jourdanton City of Lytle City of Pleasanton City of Poteet Bandera County City of Bandera Bexar County City of Kirby City of Leon Valley City of Live Oak City of Universal City	Kerr County City of Ingram City of Kerrville Wilson County City of Stockdale City of Von Ormy City of Dilley City of Pearsall Gillespie County City of Fredericksburg Karnes County

Risk Assessment Conclusions

The majority of the participating jurisdictions ranked the tornado hazard as a high or moderate impact. It is worth noting that all buildings and facilities can be considered at risk from this hazard.

6.5.4 Tropical Systems and Hurricanes

6.5.4.1 Hazard Identification

Description of the Tropical System and Hurricane Hazard

Hurricanes, tropical storms, and typhoons, also classified as cyclones, are any closed circulation developing around a low-pressure center in which the winds rotate counter-clockwise in the Northern Hemisphere (or clockwise in the Southern Hemisphere) and whose diameter averages 10 to 30 miles across. A tropical cyclone refers to any such circulation that develops over tropical waters. Tropical cyclones act as a "safety-valve," limiting the continued build-up of heat and energy in tropical regions by maintaining the atmospheric heat and moisture balance between the tropics and the pole-ward latitudes. The pr 6imary damaging forces associated with these storms are high-level sustained winds, heavy precipitation, and tornadoes. Coastal areas are also vulnerable to the additional forces of storm surge, wind-driven waves, and tidal flooding which can be more destructive than cyclone wind.

The key energy source for a tropical cyclone is the release of latent heat from the condensation of warm water. Their formation requires a low-pressure disturbance, warm sea surface temperature, rotational force from the spinning of the earth, and the absence of wind shear in the lowest 50,000 feet of the atmosphere. The majority of hurricanes and tropical storms form in the Atlantic Ocean, Caribbean Sea, and Gulf of Mexico during the official Atlantic hurricane season, which encompasses the months of June through November. The peak of the Atlantic hurricane season is in early to mid-September and the average number of storms that reach hurricane intensity per year in this basin is six (6).

Severity of the Tropical System and Hurricane Hazard

As an incipient hurricane develops, barometric pressure (measured in millibars or inches) at its center falls and winds increase. If the atmospheric and oceanic conditions are favorable, it can intensify into a tropical depression. When maximum sustained winds reach or exceed 39 miles per hour, the system is designated a tropical storm, given a name, and is closely monitored by the National Hurricane Center in Miami, Florida. When sustained winds reach or exceed 74 miles per hour the storm is deemed a hurricane. Hurricane intensity is further classified by the Saffir-Simpson Scale, which rates hurricane intensity on a scale of 1 to 5, with 5 being the most intense. The Saffir-Simpson Scale is shown in Table 6.5.4.1-1.

Table 6.5.4.1-1
Traditional Saffir-Simpson Scale

Category	Maximum Sustained Wind Speed (MPH)	Minimum Surface Pressure (Millibars)	Storm Surge (Feet)
1	74—95	Greater than 980	3—5
2	96—110	979—965	6—8
3	111—130	964—945	9—12
4	131—155	944—920	13—18
5	155+	Less than 920	19+

Source: National Hurricane Center.

The Saffir-Simpson Scale categorizes hurricane intensity linearly based upon maximum sustained winds, barometric pressure, and storm surge potential, which are combined to estimate potential damage. Categories 3, 4, and 5 are classified as "major" hurricanes, and while hurricanes within this range comprise only 20 percent of total tropical cyclone landfalls, they account for over 70 percent of the damage in the United States. Table 6.5.4.1-2 describes the damage that could be expected for each category of hurricane.

Table 6.5.4.1-2
Hurricane Damage Classification

Category	Damage Level	Description
1	Minimal	No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Also, some coastal flooding and minor pier damage.
2	Moderate	Some roofing material, door, and window damage. Considerable damage to vegetation, mobile homes, etc. Flooding damages piers and small craft in unprotected moorings may break their moorings.
3	Extensive	Some structural damage to small residences and utility buildings, with a minor amount of curtainwall failures. Mobile homes are destroyed. Flooding near the coast destroys smaller structures with larger structures damaged by floating debris. Terrain may be flooded well inland.
4	Extreme	More extensive curtainwall failures with some complete roof structure failure on small residences. Major erosion of beach areas. Terrain may be flooded well inland.
5	Catastrophic	Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. Flooding causes major damage to lower floors of all structures near the shoreline. Massive evacuation of residential areas may be required.

Source: National Hurricane Center.

A storm surge is a large dome of water often 50 to 100 miles wide and rising anywhere from four to five feet in a Category 1 hurricane up to 20 feet in a Category 5 storm. The storm surge arrives ahead of the storm's actual landfall and the more intense the hurricane is, the sooner the surge arrives. Water rise can be very rapid, posing a serious threat to those who have not yet evacuated flood-prone areas. A storm surge is a wave that has outrun its generating source and become a long period swell. The surge is always highest in the right-front quadrant of the direction in which the hurricane is moving. As the storm approaches shore, the greatest storm surge will be to the north of the hurricane eye. Such a surge of high water topped by waves driven by hurricane force winds can be devastating to coastal regions, causing severe beach erosion and property damage along the immediate coast.

Storm surge heights, and associated waves, are dependent upon the shape of the continental shelf (narrow or wide) and the depth of the ocean bottom (bathymetry). A narrow shelf, or one that drops steeply from the shoreline and subsequently produces deep water close to the shoreline, tends to produce a lower surge but higher and more powerful storm waves.

In recent years there has been growing recognition and acknowledgement that the traditional Saffir-Simpson Scale is ineffective at estimating or predicting storm surge heights. Storm surge height is not strictly a function of wind speed and storm strength, but is influenced by a number of geographic variables (discussed above). For example, though Hurricane Ike made landfall in Galveston as a Category 2 storm, with winds averaging 100 MPH, the storm surge experienced in Galveston was that of a Category 4 storm. The category assignment applied to Hurricane Ike, based on sustained wind speed, simply could not account for the severity of the hazards posed by the storm.

The following discussion was obtained from the National Hurricane Center's website:

> The National Weather Service believes that a better approach is to focus directly on conveying the depth of inundation expected at the coast and inland. Because storm surge-induced flooding has killed more people in the United States in hurricanes than all other hurricane-related threats (freshwater flooding, winds, and tornadoes) combined since 1900 the National Oceanic and Atmospheric Administration is working to enhance the analysis and prediction of storm surge. Direct estimates of inundation are being communicated in the NHC's Public Advisories and in the Weather Forecast Office's Hurricane Local Statements. New ways of communicating the threat have also been developed. NHC's probabilistic storm surge product, which provides the likelihood of storm surge values from 2 through 25 feet, became operational in 2009, and the NWS's Meteorological Development Laboratory is providing experimental, probabilistic storm surge exceedance products for 2010. In addition, coastal WFOs will provide experimental Tropical Cyclone Impacts Graphics in 2010; these include a qualitative graphic on the expected storm surge impacts. Finally, the NWS is exploring the possibility of issuing explicit Storm Surge Warnings, and such warnings could be implemented in the next couple of years. In all of these efforts, the NWS is working to provide specific and quantitative information to support decision-making at the local level.

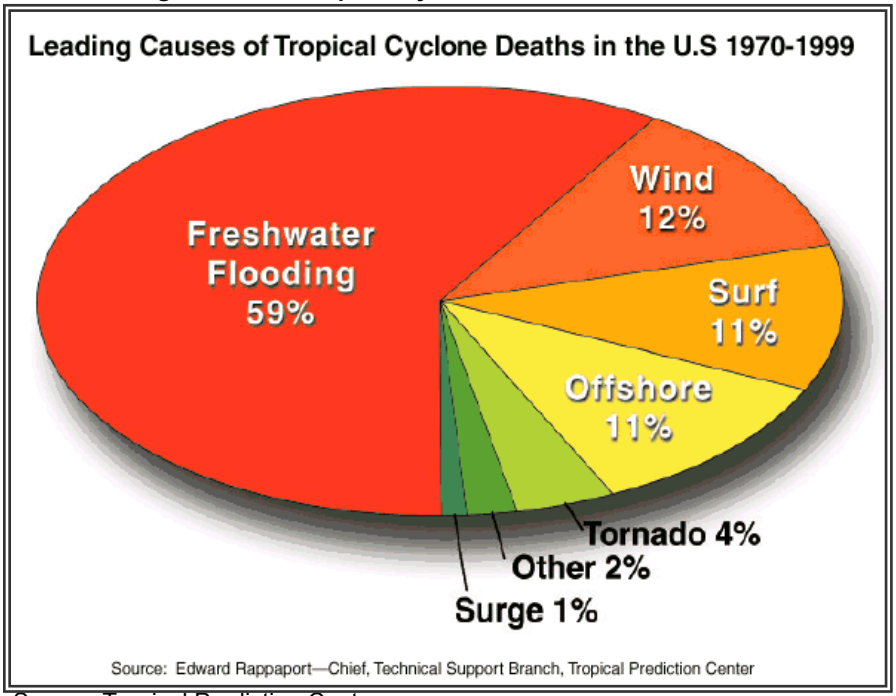
Impact to People and Property from the Tropical System and Hurricane Hazard

Tropical systems and hurricanes present a variety of hazards to both people and property. The threats associated with tropical systems and hurricanes are primarily extreme wind, flooding and storm surge, though other hazards can and do present themselves before, during and after a tropical system or hurricane makes landfall.

Damage during hurricanes may also result from spawned tornadoes and inland flooding associated with heavy rainfall that usually accompanies these storms. Hurricane Floyd, as an example, was at one time a Category 4 hurricane racing towards the North Carolina coast. As far inland as Raleigh, the state capital located more than 100 miles from the coast, communities were preparing for extremely damaging winds exceeding 100 miles per hour. However, Floyd made landfall as a Category 2 hurricane and will be remembered for causing the worst inland flooding disaster in North Carolina's history. Rainfall amounts were as high as 20 inches in certain locales and 67 counties sustained damages.

Texas is affected by a large number of tropical weather systems. Recent research indicates that inland flooding was responsible for the greatest number of fatalities over the last 30 years. Studies also show that 59 percent of the tropical cyclone deaths in the United States resulted from severe inland flooding (Figure 6.5.4.1-1).

Figure 6.5.4.1-1
Leading Causes of Tropical Cyclone Deaths in the United States



Source: Tropical Prediction Center

Occurrences of the Tropical System and Hurricane Hazard

Though not a coastal area, the planning area has experienced a number of tropical systems and hurricanes. This section discusses some of those storms and their impacts. Note that this is not an exhaustive list, but is only a representation to illustrate the types of impacts that these storms have had on the planning area.

09/06/2002 to 09/09/2002 - Atascosa, Bandera, Bexar, Comal, Frio, Gillespie, Guadalupe, Karnes, Medina and Wilson Counties

Isolated showers had occurred over much of South Central Texas in advance of Tropical Storm Fay on Friday, September 6, 2002. Tropical Storm Fay came ashore near Palacios on September 7. Rainfall, at first spotty, became widespread by mid morning. Heavier amounts had fallen from Bandera to San Antonio to Uvalde that averaged between one (1) and two (2) inches, with isolated totals to near six (6) inches. Flash flooding developed over Bandera, Bexar, and Medina counties in the early afternoon, ending in the early evening. Around a dozen rescues occurred in deep water. One mother and daughter drove past a barricade and had to be rescued as their car became submerged. Minor damage was reported to bridges and county roads. By late afternoon, rainfall was widespread across South Central Texas, having spread westward to the Rio Grande. A band of heavy rain stretching from near San Antonio through Floresville to Karnes City produced an additional round of flash flooding from late afternoon into the early evening. Rain amounts averaged from one (1) to two (2) inches with isolated totals to near nine (9) inches in the western part of Wilson County. The planning area experienced $1.3 million in property damage and $250,000 in crop damages; a total of 31 injuries were reported.

10/02/2007 – Medina and Bexar Counties
Tropical Storm Erin heavily impacted Medina and Bexar counties, resulting in more than $5,000,000 in federal disaster assistance to the affected counties.

Because the planning area is located inland of the Texas coastline, hurricanes usually lose strength as they make landfall and move northward without hurricane force winds impacting the area. However, the area has been impacted by hurricanes in the past and it can be expected that they will experience more hurricanes in the future. Table 6.5.4.1-3 includes records of historical hurricanes affecting the AACOG area since 1950. While other hurricanes have undoubtedly impacted the area, the systems had lost their tropical characteristics by the time they reached the planning area, and so were not recorded as either hurricanes or tropical systems.

Table 6.5.4.1-3
Historical Occurrences of Hurricanes

Storm Event	Location	Date	Deaths	Property Damage
Carla	Karnes County and almost entire Texas coast	09/14/1961	0	$400,000,000
Beulah	All AACOG area and Southeast Texas	09/20/1967	15	$100,000,00

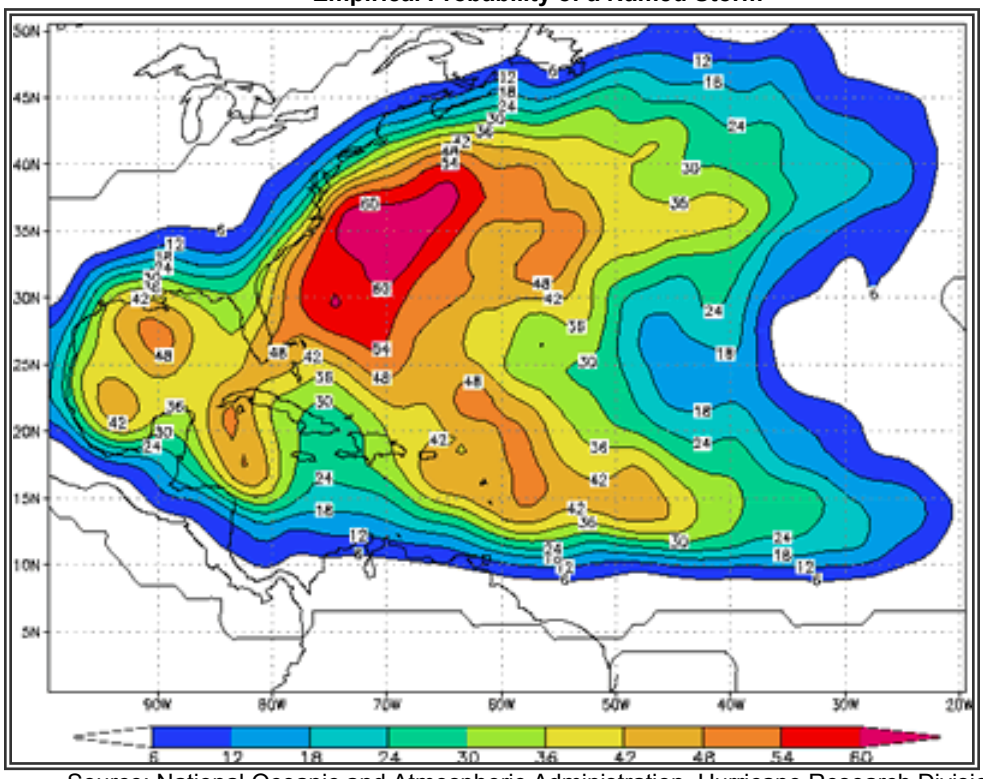
Source: National Climatic Data Center

Map 6.5.4.1-3 shows the tracks of the tropical storms and hurricanes that have passed through the planning area. (This map is found later in this subsection.)

Probability of Future Occurrences of the Tropical System and Hurricane Hazard

Figure 6.5.4.1-2 shows for any particular location what the chance is that a tropical storm or hurricane will affect the area sometime during the entire June to November Atlantic hurricane season. The figure was created by the National Oceanic and Atmospheric Administration's Hurricane Research Division using data from 1944 to 1999 and counting hits when a storm or hurricane was within approximately 100 miles (165 km) of each location.

Figure 6.5.4.1-2
Empirical Probability of a Named Storm



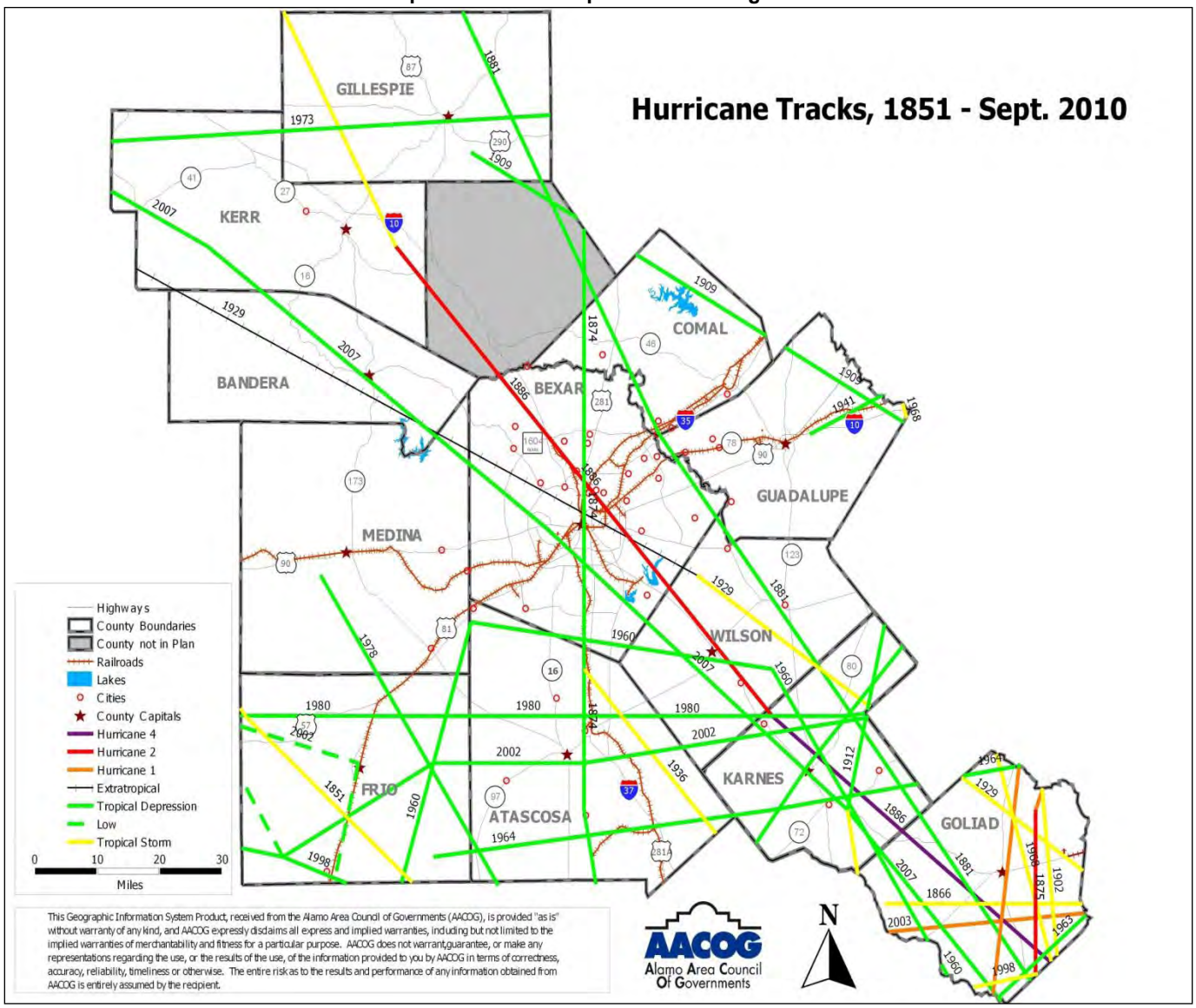
Source: National Oceanic and Atmospheric Administration, Hurricane Research Division.

Based on historical occurrences, the probability of a future occurrence of the hurricane/tropical system hazard is moderate.

Location and Extent of the Tropical System and Hurricane Hazard

Map 6.5.4.1-1 shows the tropical systems and hurricanes that have impacted the entire planning area. This map included all storms recorded between 1851 and September 2010. This map includes those systems that began as tropical systems but had lost their tropical characteristics prior to reaching the planning area.

Map 6.5.4.1-1
Historical Tropical Events to Impact the Planning Area



6.5.4.2 Risk Assessment

This subsection of the Plan Updates provides estimates of future tropical system / hurricane losses, i.e. risk. Each of the loss calculations is based on best available data, but they must be considered estimates because highly detailed engineering was not performed as part of this planning process.

Methodology and Limitations

After discussion and review of the best available data regarding this hazard, and in consideration of the potential impacts of this hazard to the planning area, the EMC determined that the risk assessment should include both qualitative and quantitative analyses, to the extent possible.

Qualitative
Each participating jurisdiction was asked to provide a qualitative risk assessment ranking regarding the tropical system / hurricane hazard. (For definitions of these rankings, please see Table 6.4-1, earlier in this section.) The results of this assessment are presented in the table below.

6.5.4.2-1
Qualitative Risk Assessment Results – Tropical System / Hurricane

Jurisdictions Ranking Hazard as Low	Jurisdictions Ranking Hazard as Moderate		Jurisdictions Ranking Hazard as High	
City of Kirby	Bandera County	City of Von Ormy	Atascosa County	City of Dilley
City of Somerset	City of Bandera	City of Windcrest	City of Charlotte	City of Pearsall
Gillespie County	Bexar County	Frio County	City of Christine	City of New Berlin
City of Fredericksburg	City of Alamo Heights	Guadalupe County	City of Jourdanton	City of Seguin
	City of Balcones Heights	City of Schertz	City of Lytle	City of Karnes
	City of Converse	Karnes County	City of Pleasanton	City of Kenedy
	City of Helotes	Medina County	City of Poteet	City of Runge
	City of Leon Valley	City of Castroville	City of San Antonio	City of Falls City
	City of Live Oak	City of Devine	Comal County	Kerr County
	City of St. Hedwig	City of Hondo	City of Garden Ridge	City of Ingram
	City of Terrell Hills	City of Natalia	City of Bulverde	City of Kerrville
	City of Universal City	City of La Vernia	City of New Braunfels	Wilson County
		San Antonio River Authority		City of Stockdale

Quantitative
Each participating jurisdiction provided information regarding the location and type of critical facilities within their planning area. These facilities were mapped in relation to the Wind Risk Zone 3 provided by the Texas Hazard Mitigation Package (THMP). Relative risk areas defined by wind zones are categorized into 5 classes using the "natural breaks" method. This method defines classes based on natural groupings of data values; break points are identified by looking for patterns inherent in the data; then ranges are set where there are relatively big jumps in the data values. Given the lack of building specific data (only location and use type were available), this analysis assumes that all facilities located within the Wind Risk Zone 3 are potentially at risk from the high winds associated with Tropical Storms and Hurricanes. Table 6.5.42.2-2 lists the facilities at risk by jurisdiction

6.5.4.2-2
Quantitative Risk Assessment Results – Tropical System / Hurricane

Jurisdiction	Facilities within Wind Risk Zone 3
Atascosa	1 – Courthouse 6 – Airports 1 – Hospital 9 – Nursing Homes 2 – Police Stations 1 – Power Plant 21 – Schools 14 – Water Supply 10 – Fire Stations
Bandera	1 – City Hall 15 – Airport 7 – Communications 2 – Courthouses 5 – Courts 4 – Day Cares 3 – Emergency Response 9 – Fire Departments 3 – Hospitals 1 – Nursing Home 26 – Other 2 – Police Department 2 – Power Supply 8 – Schools 1 – Transportation 1 – Water Supply
Bexar	23 – Airport 11 – City Halls 46 – Communications 7 – Corrections 3 – Court Houses 41 – Day Cares 2 – Emergency Response 64 – Fire Departments 25 – Fire Stations 68 – Hospitals 6 – Military 168 – Nursing Homes 27 – Other 21 – Police Departments 27 – Police Stations 1 – Power Plant 20 – Power Supply 17 – Public Works 521 – Schools 5 – Stadiums

Jurisdiction	Facilities within Wind Risk Zone 3
	5 – Town Halls 2 – Transportation 74 – Water Supply
Comal	5 – Airport 1 – Communication 1 – Courthouse 5 – Fire Stations 1 – Hospital 11 – Nursing Homes 1 – Power Plant 38 – Schools 12 – Water Supply
Frio	5 – Airport 2 – Communication 1 – Courthouse 3 – Fire Stations 3 – Hospitals 3 – Nursing Homes 3 – Police Stations 1 – Power Plant 7 – Schools 4 – Water Supply
Gillespie	11 – Airport 1 – Courthouse 1 – Day Care 1 – Fire Department 5 – Fire Stations 1 – Hospital 8 – Nursing Homes 10 – Other 1 – Police Department 1 – Power Supply 1 – Public Works 15 – Schools 2 – Water Supply
Guadalupe	14 – Airport 3 – Communications 1 – Courthouse 1 – Hospital 13 – Fire Stations 11 – Nursing Homes 2 – Police Stations 4 – Power Plants 34 – Schools 12 – Water Supply
Karnes	6 – Airport 3 – City Halls

Jurisdiction	Facilities within Wind Risk Zone 3
	1 – Courthouse 5 – Day Cares 2 – Emergency Response 1 – Fire Department 5 – Fires stations 3 – Hospitals 12 – Nursing Homes 11 – Other 3 – Police Departments 1 – Police Station 15 – Schools 5 – Water Supply 6 – Un-categorized
Kerr	10 – Airport 1 – City Hall 6 – Communications 1 – Courthouse 9 – Day Cares 5 – Fire Departments 8 – Fire Stations 2 – Fuel Supply 11 – Nursing Homes 4 – Other 3 – Police Departments 1 – Police Station 3 – Power Supply 29 – Schools 4 – Transportation 3 – Water Supply
Medina	7 – Airports 1 – Communication 1 – Courthouse 6 – Fire Stations 1 – Hospital 6 – Nursing Homes 3 – Police Stations 22 – Schools 5 – Water Supply
Wilson	8 – Airport 4 – City Halls 10 – Communications 1 – Courthouse 20 – Day Cares 3 – Fire Departments 8 – Fire Stations 5 – Fuel Distributors 2 – Hospitals 5 – Nursing Homes

Jurisdiction	Facilities within Wind Risk Zone 3
	7 – Other 32 – Schools 26 – Water Supply

Data to collect in order to improve this methodology prior to the Plan Update includes:

- Data regarding building construction (materials, protection systems, etc.)

Risk Assessment Conclusions

A significant number of critical facilities within each jurisdiction fall within the Wind Risk Zone 3. Jurisdictions should consider assessing the wind ratings of these facilities to determine if mitigation actions are needed.

6.5.5 Thunderstorms

6.5.5.1 Hazard Identification

Description of the Thunderstorm Hazard

According to the National Weather Service, more than 100,000 thunderstorms occur each year, though only about 10 percent of these storms are classified as "severe." Although thunderstorms generally affect a small area when they occur, they are very dangerous because of their ability to generate tornadoes, hailstorms, strong winds, flash flooding, and damaging lightning. While thunderstorms can occur in all regions of the United States, they are most common in the central and southern states because atmospheric conditions in those regions are most ideal for generating these powerful storms.

Thunderstorms are caused when air masses of varying temperatures meet. Rapidly rising warm moist air serves as the "engine" for thunderstorms. These storms can occur singularly, in lines, or in clusters. They can move through an area very quickly or linger for several hours.

Lightning is a discharge of electrical energy resulting from the buildup of positive and negative charges within a thunderstorm, creating a "bolt" when the buildup of charges becomes strong enough. This flash of light usually occurs within the clouds or between the clouds and the ground. A bolt of lightning can reach temperatures approaching 50,000 degrees Fahrenheit. Lightning rapidly heats the sky as it flashes but the surrounding air cools following the bolt. This rapid heating and cooling of the surrounding air causes thunder. On average, 80 people are killed each year by lightning strikes in the United States.

Severity of the Thunderstorm Hazard

Thunderstorms affect relatively small areas. The typical thunderstorm is 15 miles in diameter and lasts an average of 30 minutes. However, despite their small size and relatively short duration, all thunderstorms are potentially very dangerous. Of the estimated 100,000 thunderstorms that occur each year in the United States, about 10 percent are classified as severe. People most at risk from thunderstorms are those who are outdoors, especially under or near tall trees; in or on water; or on or near hilltops.

A severe thunderstorm is issued when weather conditions are favorable for the development of severe thunderstorms. If the thunderstorms are forecast to be such that there is a significant risk that they may produce severe weather a severe thunderstorm watch is issued. In the United States, the Storm Prediction Center (a national guidance center of the National Weather Service) issues watches for areas likely to produce severe thunderstorms. The watch boxes are usually issued in the format of x miles north and south, or east and west, or either side of a line from y miles direction of city, state, to z miles another direction of another city, state. For example: "50 miles either side of a line from 10 miles northeast of Columbia, South Carolina to 15 miles south-southwest of Montgomery, Alabama". ("Either side" means perpendicular to the center line.) When displayed on a map, they are usually shown as either a blue or yellow outline, depending on the source. In addition, a list of all counties included in its area of responsibility is now issued by each NWS forecast office for each watch.

A severe thunderstorm warning is issued when trained storm spotters or a Doppler weather radar indicate a strong thunderstorm is producing dangerously large hail or high winds, capable of causing significant damage. In the United States, it does not account for lightning or flooding. In the U.S., the National Weather Service defines a severe thunderstorm as having large hail being at least 1 inch, high winds as being 58 miles per hour or greater, producing tornadoes, or any combination of the three. Prior to January 2010, the size in which hail in a severe thunderstorm would be considered severe was ¾ of an inch; public complacency due to overly frequent issuances of severe thunderstorm warnings and recent studies stating that hail does not produce damage until it reaches one inch in diameter caused the upgrade. A severe thunderstorm warning means there is significant danger for the warned area. Occasionally, severe thunderstorms can and do produce a tornado without warning. While not all severe thunderstorms produce tornadoes, they can produce serious wind damage as severe as a tornado. Generally, but not always, a severe thunderstorm watch will precede a warning.

Lightning, a component in all thunderstorms, causes an average of 80 fatalities and 300 injuries each year. Most lightning fatalities and injuries occur when people are caught outdoors in the summer months during the afternoon and evening.

One method of profiling the severity of lightning is to show the Lightning Activity Level (LAL). The LAL is a number, on a scale from 1 to 6, which reflects frequency and character of cloud-to-ground (cg) lightning. Information about each level can be found in Table 6.5.5.1-1 below.

Table 6.5.5.1-1
Lightning Activity Level

Cloud and Storm Development	Areal Coverage	Counts cg / 5 min	Counts cg / 15 min	Average cg / min
No thunderstorms	None	-	-	-
Cumulus clouds are common but only a few reach the towering stage. A single thunderstorm must be confirmed in the rating area. The clouds mostly produce virga but light rain will occasionally reach ground. Lightning is very infrequent.	<15%	1-5	1-8	<1
Cumulus clouds are common. Swelling and towering cumulus cover less than 2/10 of the sky. Thunderstorms are few, but 2 to 3 occur within the observation area. Light to moderate rain will reach the ground, and lightning is infrequent.	15% to 24%	6-10	9-15	1-2
Swelling cumulus and towering cumulus cover 2-3/10 of the sky. Thunderstorms are scattered but more than three must occur within the observation area. Moderate rain is commonly produced, and lightning is frequent.	25% to 50%	11-15	16-25	2-3
Towering cumulus and thunderstorms are numerous. They cover more than 3/10 and occasionally obscure the sky. Rain is moderate to heavy, and lightning is frequent and intense.	>50%	>15	>25	>3
Dry lightning outbreak. (LAL of 3 or greater with majority of storms producing little or no rainfall.)	>15%	-	-	-

The entirety of the planning area has experienced the thunderstorm hazard, and can expect to do so again in the future.

Impact to People and Property from the Thunderstorm Hazard

Injuries and deaths from high winds are just as common as those from lightning. Most incidents occur when trees or tree limbs are pushed over by the wind onto houses or vehicles. Vehicles are sometimes pushed off roads by the wind as well.

Thunderstorms are a common occurrence in the entire planning area, and can particularly impact utilities and transportation routes through heavy rainfall, stormwater runoff, downed trees and lightning strikes. Mobile homes and their occupants are particularly vulnerable to damage from thunderstorms. Lightning can cause significant damage to critical facilities and equipment, particularly the contents.

Occurrences of the Thunderstorm Hazard

According to the National Climatic Data Center, the geographic area of the planning area experienced at least 628 thunderstorm wind events from 1950 through 2009 (Table 6.5.5.1-2). These events caused one death and a total of approximately $37,744,000 in property damage (NCDC, 2010).

Table 6.5.5.1-2
Thunderstorm Activity in the AACOG Region (1950-2009)

County	# of Recorded Thunderstorms Wind Events 1950—2009	Total Property Damage Recorded	Deaths
Atascosa	54	$1,205,000	0
Bandera	28	$575,000	0
Bexar	159	$5,349,000	1
Comal	39	$5,423,000	0
Frio	29	$546,000	0
Gillespie	34	$1,070,000	0
Guadalupe	179	$6,783,000	0
Karnes	18	$215,000	0
Kerr	21	$1,220,000	0
Medina	60	$14,355,000	0
Wilson	33	$1,003,000	0
TOTAL	**628**	**$37,744,000**	**1**

Source: National Climatic Data Center

The following section describes some notable thunderstorm events that have occurred in the planning area since 2000. Note that this list is not exhaustive, but is intended to be illustrative only.

10/12/2001 - Comal, Kerr, and Medina Counties

Severe thunderstorms affected several counties, causing a total of $2.6 million in property damage. In Comal County, trees were blown down with widespread damage to the roofs and windows of homes just west of New Braunfels. In Kerr County, winds caused widespread damage in and around the city of Kerrville and five aircraft were damaged or destroyed at the Kerrville Airport. In Medina County, the damage at Hondo was due to the combination of a large tornado, severe downburst winds and large hail. Severe downburst winds (estimated in excess of 100 miles an hour), struck first, followed by heavy rain, then hail to the size of golf balls, and finally, just in front of the tornado, winds began to calm. Wind damage began 2 miles northwest of the Hondo Airport, continued across the downtown area, and ended 5 miles southeast of the center of town. This damage was characterized by large limbs knocked from trees, trees uprooted, roofs and winds torn from homes and businesses, and power lines knocked down.

03/19/2002 - Atascosa, Bexar, Guadalupe, Medina, and Wilson Counties

Severe thunderstorms affected several counties, causing 27 injuries and a total of $3.4 million in property damage, $400,000 in crop damage.

- High winds in Bexar County damaged roofs, propelled hail into homes and cars, and knocked over power poles. The flying debris injured approximately ten persons. The greatest devastation was in southwest Bexar County just northeast of the town of Lytle. Emergency management and Red Cross officials estimated 50 mobile homes and houses severely damaged or destroyed, with minor damage to another 100 mobile homes and houses.
- High winds across Guadalupe County caused widespread damage to homes, trees and outbuildings. Near Zorn, the high winds took sections of roofs off homes, and rolled and damaged several homes and mobile homes. One mobile home had been rolled over a truck and was completely destroyed.
- Across Eastern Medina County, wind damage was widespread, with road signs blown down, trees knocked over, roofs damaged and large limbs were taken out of trees. Over a dozen people were injured as glass, broken from house and vehicle windows, was propelled by the gusty winds.
- Severe winds, estimated as high as 60 mph, caused spotty damage across much of Wilson County, where trees and tree limbs were blown down, roofs were damaged, and outbuildings were blown over.

05/17/2002 - Bexar County

Severe thunderstorm winds damaged 16 cars and knocked over fences in the northwest part of San Antonio, near I-10 and Callaghan Road. The area of damage was very limited in extent, covering only about a square mile. Severe thunderstorm winds also damaged property of the Animal Defense League on Wurzbach Parkway in northeast San Antonio. Fences were knocked down and roofs were taken off buildings. Approximately $450,000 in property damage resulted from this thunderstorm.

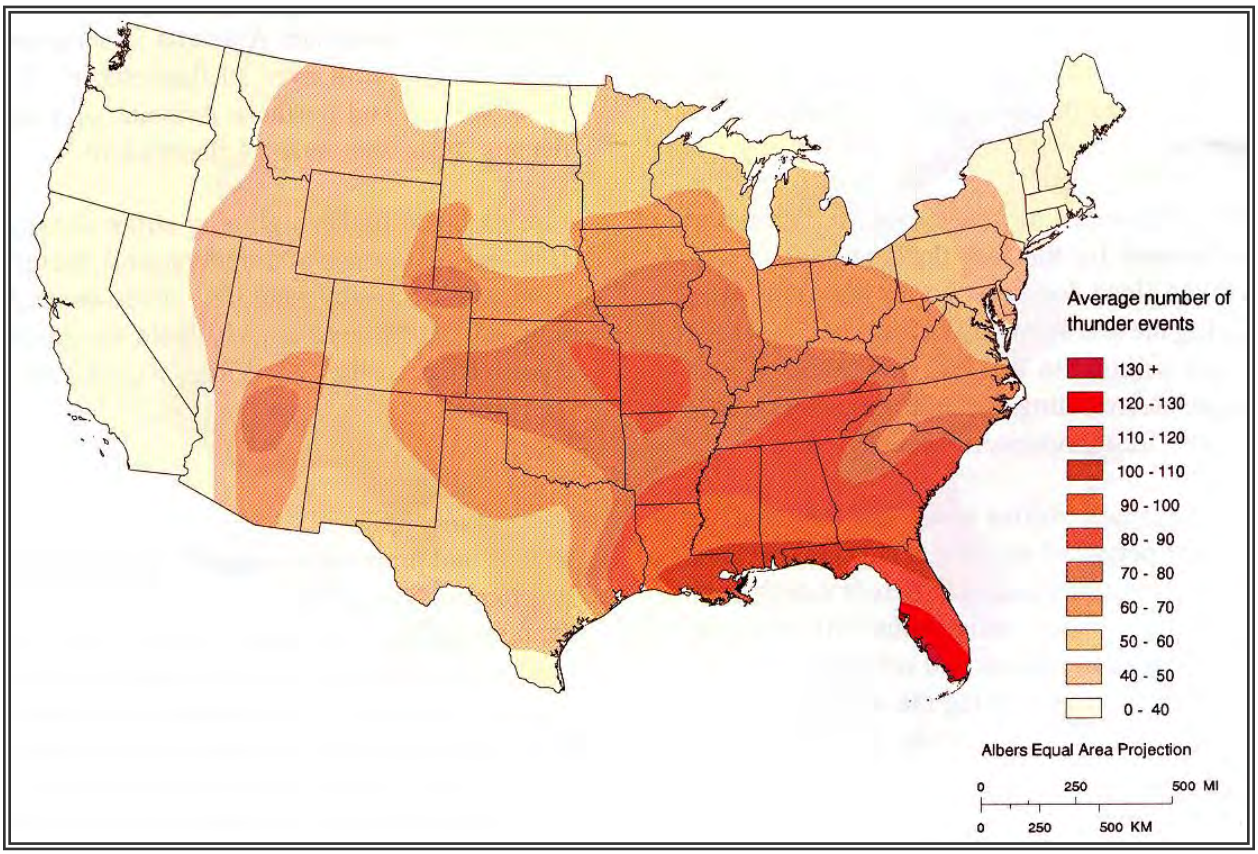
06/01/2005 – Gillespie County

Severe thunderstorm winds were clocked in excess of 70 knots in Gillespie County. Property damage in excess of $300,000 was reported.

Probability of Future Occurrences of the Thunderstorm Hazard

The National Weather Service collected data for thunder days, number and duration of thunder events, and lightning strike density for the 30-year period from 1948 to 1977. Figure 6.5.5.1-1 illustrates thunderstorm hazard severity based on the annual average number of thunder events from 1948 to 1977.

Figure 6.5.5.1-1
Annual Average Number of Thunder Events



Source: Federal Emergency Management Agency

As illustrated in the figure above, the planning area experiences an average of 40-60 thunderstorm days per year. There is no reason to expect that this number will decrease in the future; therefore, the probability of a future occurrence is high.

Location and Extent of the Thunderstorm Hazard

The locations of past occurrences of thunderstorms have not been mapped because of the large number of past events. Based on past occurrences, it can be expected that the entire region is at risk to future thunderstorms.

6.5.5.2 Risk Assessment

This subsection of the Plan Updates provides estimates of future thunderstorm losses, i.e. risk. Each of the loss calculations is based on best available data, but they must be considered estimates because highly detailed engineering was not performed as part of this planning process.

Methodology and Limitations

After discussion and review of the best available data regarding this hazard, and in consideration of the potential impacts of this hazard to the planning area, the EMC determined that the risk assessment should be limited to a qualitative analysis. At the time of this update, insufficient data exists to quantify the planning area's risks from and exposure to this hazard.

Qualitative

Each participating jurisdiction was asked to provide a qualitative risk assessment ranking regarding the thunderstorm hazard. (For definitions of these rankings, please see Table 6.4-1, earlier in this section.) The results of this assessment are presented in the table below.

6.5.5.2-1
Qualitative Risk Assessment Results – Thunderstorm

Jurisdictions Ranking Hazard as Low	Jurisdictions Ranking Hazard as Moderate		Jurisdictions Ranking Hazard as High	
City of Stockdale	Bandera County City of Bandera Bexar County City of Balcones Heights City of Leon Valley City of San Antonio City of St. Hedwig City of Terrell Hills	City of Von Ormy Gillespie County City of Fredericksburg Karnes County City of Karnes City of Kenedy City of Runge City of Falls City City of Devine City of La Vernia San Antonio River Authority	Atascosa County City of Charlotte City of Christine City of Jourdanton City of Lytle City of Pleasanton City of Poteet City of Alamo Heights City of Converse City of Helotes City of Kirby City of Live Oak City of Somerset City of Universal City City of Windcrest Comal County City of Garden Ridge	City of Bulverde City of New Braunfels Frio County City of Dilley City of Pearsall Guadalupe County City of New Berlin City of Schertz City of Seguin Kerr County City of Ingram City of Kerrville Medina County City of Castroville City of Hondo City of Natalia Wilson County

Risk Assessment Conclusions

The majority of the participating jurisdictions ranked the thunderstorm hazard as a high or moderate impact. It is worth noting that all buildings and facilities can be considered at risk from this hazard.

6.5.6 Drought

6.5.6.1 Hazard Identification

Note: The information and findings contained in this portion of the Plan Update were current as of spring 2010, when the Plan Update was initially submitted to TDEM for review. The drought situation in Texas has significantly changed since the development of this Plan Update. This situation will likely be addressed in future updates to this hazard mitigation plan.

Description of the Drought Hazard

Drought is a natural climatic condition caused by an extended period of limited rainfall beyond that which occurs naturally in a broad geographic area. High temperatures, high winds, and low humidity can worsen drought conditions, and can make areas more susceptible to wildfire. Human demands and actions can also hasten drought-related impacts.

Droughts are frequently classified as one of following four types:

- Meteorological,
- Agricultural,
- Hydrological, and
- Socio-economic.

Meteorological droughts are typically defined by the level of "dryness" when compared to an average, or normal amount of precipitation over a given period of time. Agricultural droughts relate common characteristics of drought to their specific agricultural-related impacts. Emphasis tends to be placed on factors such as soil water deficits, water needs based on differing stages of crop development, and water reservoir levels. Hydrological drought is directly related to the effect of precipitation shortfalls on surface and groundwater supplies. Human factors, particularly changes in land use, can alter the hydrologic characteristics of a basin. Socio-economic drought is the result of water shortages that limit the ability to supply water-dependent products in the marketplace.

Severity of the Drought Hazard

The severity of a drought depends on numerous factors, including duration, intensity, and geographic extent as well as regional water supply demands by humans and vegetation. The severity of drought can be aggravated by other climatic factors, such as prolonged high winds and low relative humidity. Due to its multi-dimensional nature, drought is difficult to define in exact terms and also poses difficulties in terms of comprehensive risk assessments.

In 1965, Wayne Palmer developed an index to "measure the departure of the moisture supply." This index was based on the supply-and-demand concept of the water balance equation, taking into account more than merely the precipitation deficit at specific locations. The objective of the Palmer Drought Severity Index (PDSI) was to provide a measurement of moisture conditions that were "standardized" so that comparisons using the index could be made between locations and between time periods.

The PDSI is based on precipitation and temperature, and can be applied to any site for which sufficient precipitation and temperature data is available.

The Palmer Index varies roughly between -4.0 and +4.0. Weekly Palmer Index values are calculated for the Climate Divisions during every growing season and are available from the Climate Prediction Center.

Table 6.5.6.1-1
Palmer Drought Severity Index

PDSI Classifications for Dry and Wet Periods	
Index Value	**Classification**
4.00 or more	Extremely wet
3.00 to 3.99	Very wet
2.00 to 2.99	Moderately wet
1.00 to 1.99	Slightly wet
0.50 to 0.99	Incipient wet spell
0.49 to -0.49	Near normal
-0.50 to -0.99	Incipient dry spell
-1.00 to -1.99	Mild drought
-2.00 to -2.99	Moderate drought
-3.00 to -3.99	Severe drought
-4.00 or less	Extreme drought

(Source: http://drought.unl.edu/Planning/Monitoring/ComparisonofIndicesIntro/PDSI.aspx)

The entire planning area can expect to experience the entire range of drought severity and classification.

Impact to People and Property from the Drought Hazard

The agriculture industry is typically the most affected by drought. Livestock and crops can be severely at risk during a prolonged dry spells; forested areas, trees and landscape plants will suffer from the lack of water, and may be unable to recover from a prolonged drought event.

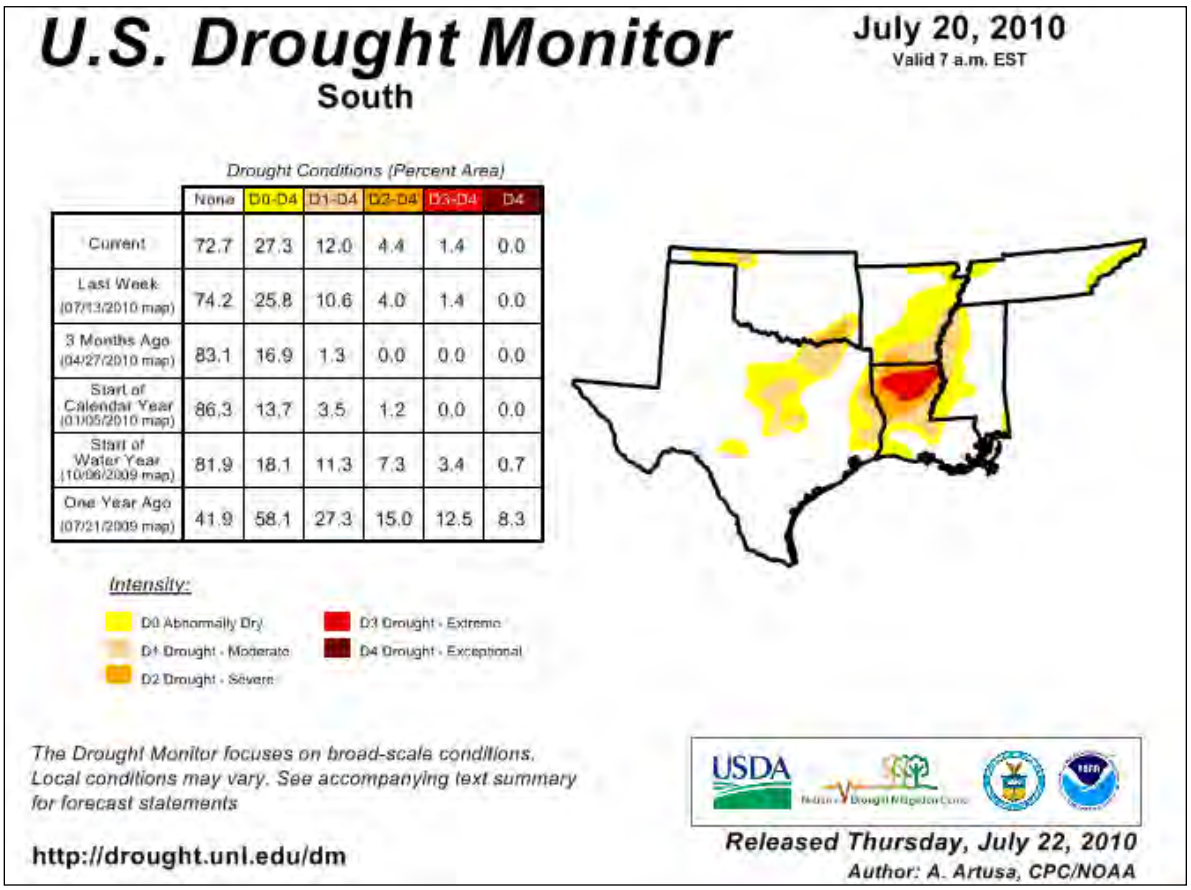
A severe and prolonged drought could have negative and lasting impacts on both people and property in the planning area. Emergency services that rely on water for response could be compromised. As available water tables decline and potable water becomes harder to obtain, the health, welfare and safety of all residents of the planning area is exposed to greater and greater risk. Agriculture and other water-dependent businesses and functions in the area are also exposed to greater risk. In addition to the health, welfare and safety risks, drought could lead to severe economic impacts throughout the area. As agricultural crops and other water-dependent businesses fail, the loss of income to the area further tightens the available funding in the area, leading to potential reductions in available services, up to and possibly including emergency services.

A secondary impact of prolonged drought conditions is often an increase in food prices in areas outside of the drought area. The price of grains and meat generally climb as availability is outdone by demand.

Occurrences of the Drought Hazard

Figure 6.3.6-1 shows a U.S. Drought Monitor map from the United States Department of Agriculture for July 20, 2010, for the South Region, which includes Texas. Drought Monitor summary maps identify general drought areas and label droughts by intensity, with D1 being the least intense and D4 being the most intense.

Figure 6.5.6.1-1
U.S. Drought Monitor – South Region



Source: U.S. Department of Agriculture, National Drought Mitigation Center

Recent significant drought events that have affected the AACOG region include a 2000 event. With little no rain falling from March to early October, a severe drought gripped 33 counties in South Central Texas. Lake and river levels were reported to be extremely low, with many approaching record low levels. Numerous small creeks and streams had already ceased flowing. Aquifer levels reported all time low levels. Agricultural activities were essentially brought to a halt, though no crop damage estimates were recorded. Unprecedented, strong conservation measures remained in place over most of the area.

According to the National Climatic Data Center, the AACOG region has recently experienced a prolonged drought event (Table 6.5.6.1-2), causing billions of dollars of damage to property and crops. It is difficult to map past

occurrences and probability of drought. It can be expected that the entire region is vulnerable to drought and will be impacted by drought in the future.

Table 6.5.6.1-2
Recent Drought in the AACOG Region (1996-2009)

County	# of Recorded Drought Months 1996—2009	Total Property Damage Recorded	Total Crop Damage Recorded
Atascosa	18	$141,000,000	$281,000,000
Bandera	12	$92,000,000	$180,000,000
Bexar	15	$132,000,000	$257,000,000
Comal	15	$132,000,000	$257,000,000
Frio	23	$141,000,000	$281,000,000
Gillespie	11	$92,000,000	$180,000,000
Guadalupe	10	$80,000,000	$160,000,000
Karnes	14	$132,000,000	$257,000,000
Kerr	11	$92,000,000	$180,000,000
Medina	22	$141,000,000	$281,000,000
Wilson	15	$132,000,000	$257,000,000
TOTAL	**-**	**$1,307,000,000**	**$2,571,000,000**

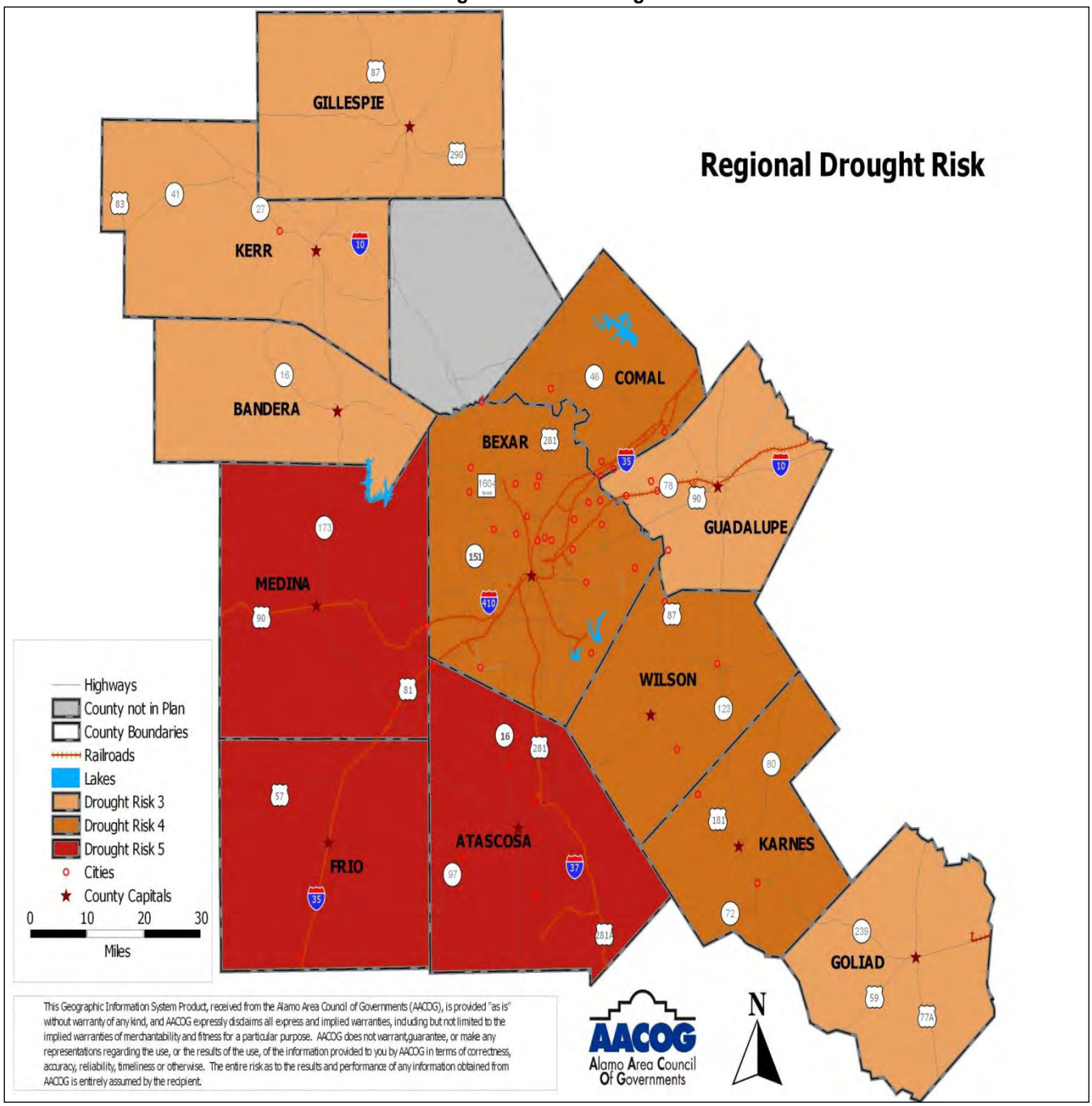
Source: National Climatic Data Center

As evidenced by the table above, the potential impact of drought upon the planning area can be extensive, particularly as it relates to crop damage or livestock losses.

Probability of Future Occurrences of the Drought Hazard

The following map illustrates the probable drought risk for the entire planning area.

Map 6.5.6.1-1
Probable Drought Risk to Planning Area

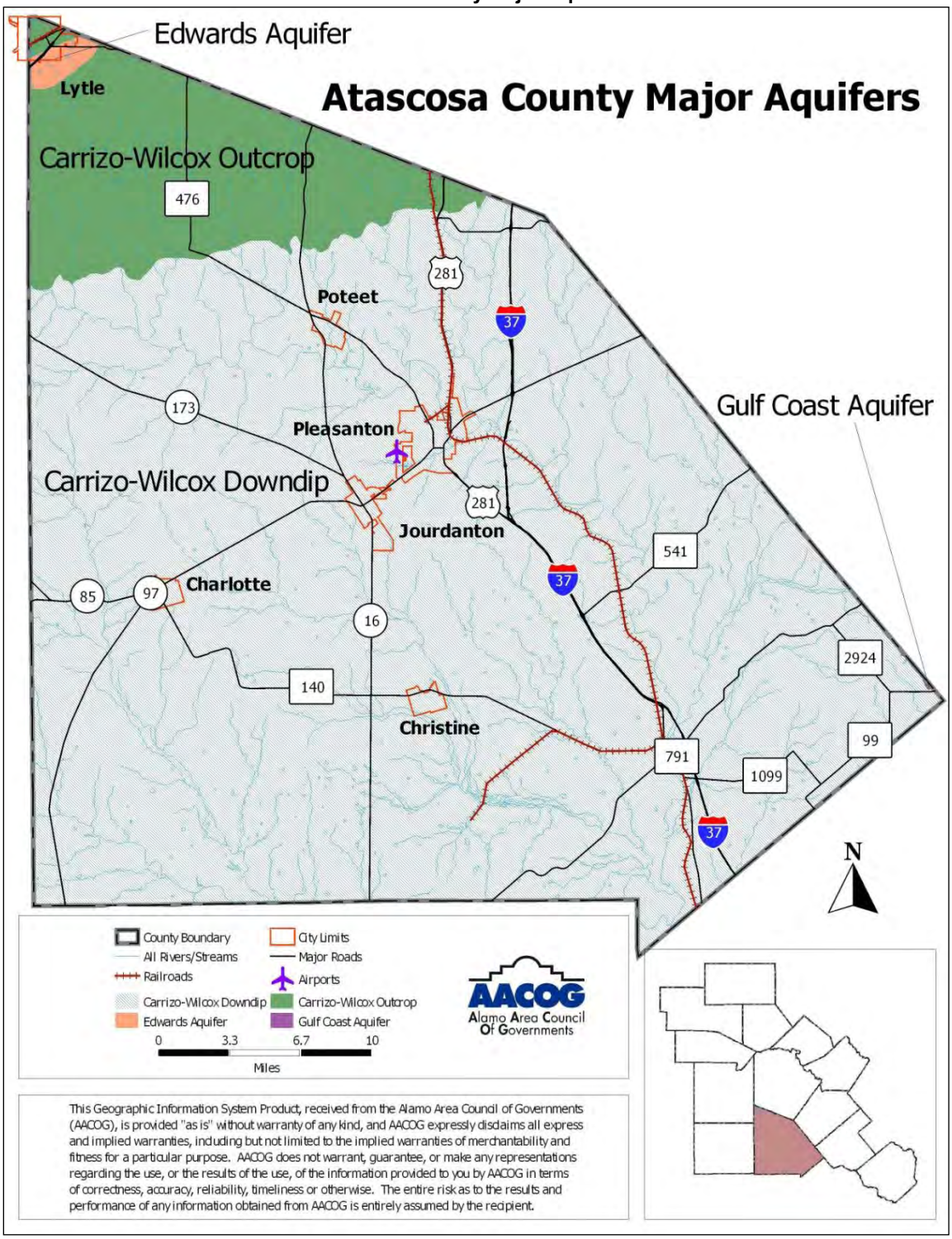


Based on this map, and on the historic occurrence of drought in the planning area, the probability of a future occurrence of the drought hazard is high.

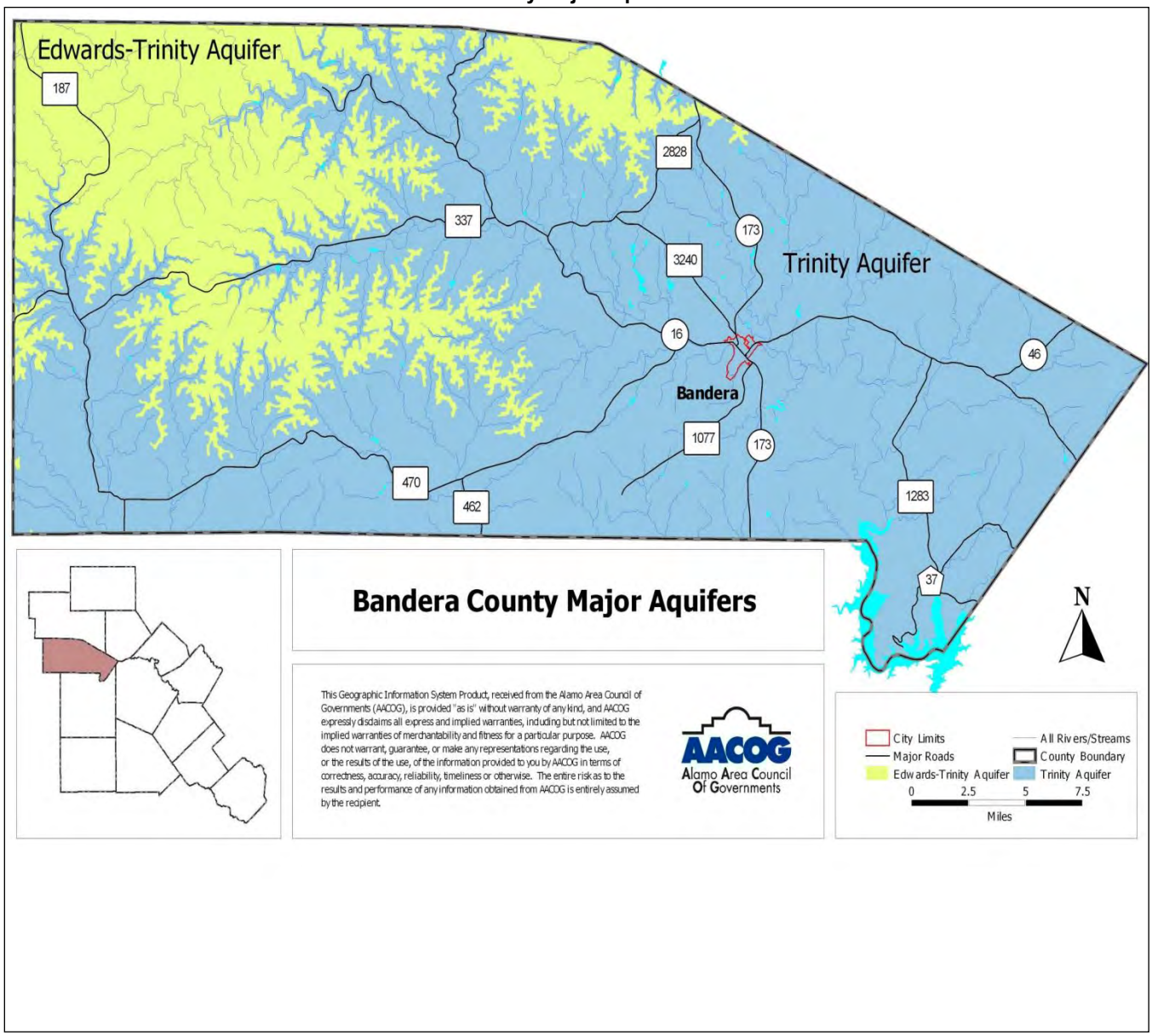
Location and Extent of the Drought Hazard

Drought is not a location-specific hazard. All counties in the planning areas are vulnerable to drought. Maps 6.5.6.1-2 through 6.5.6.1-13 illustrate the locations of the major and minor aquifers that are located in the planning area.

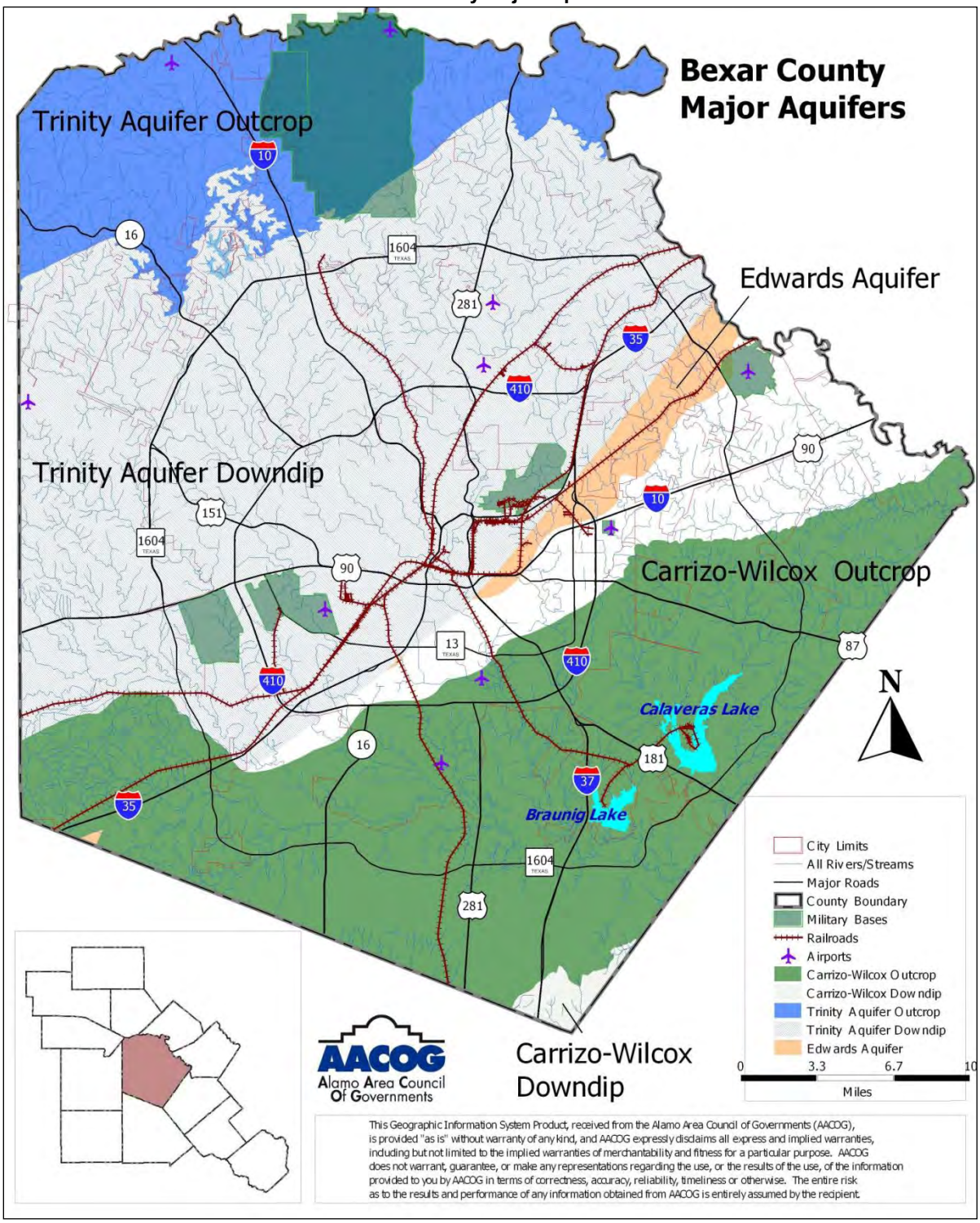
Map 6.5.6.1-2
Atascosa County Major Aquifers



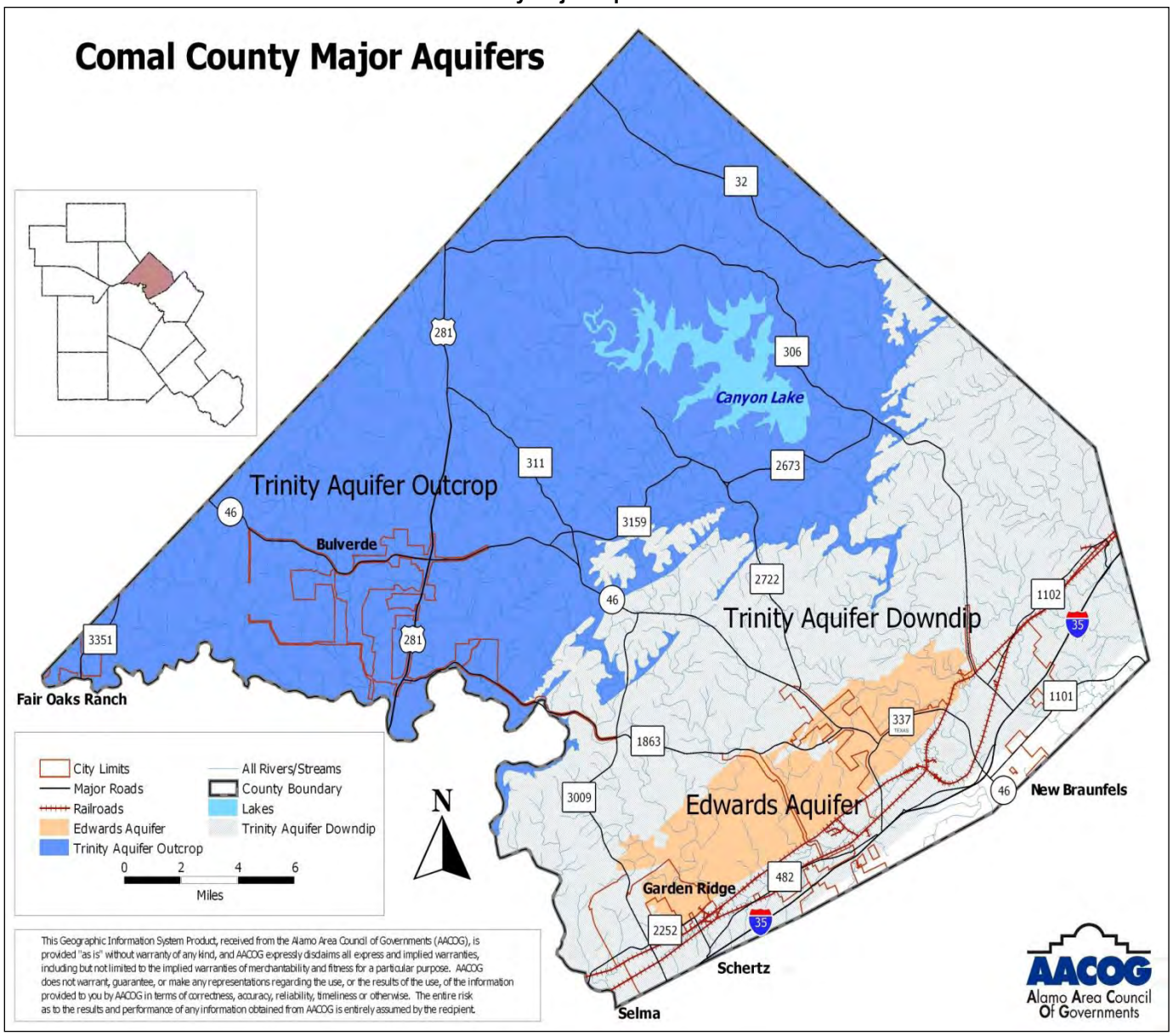
Map 6.5.6.1-3
Bandera County Major Aquifers



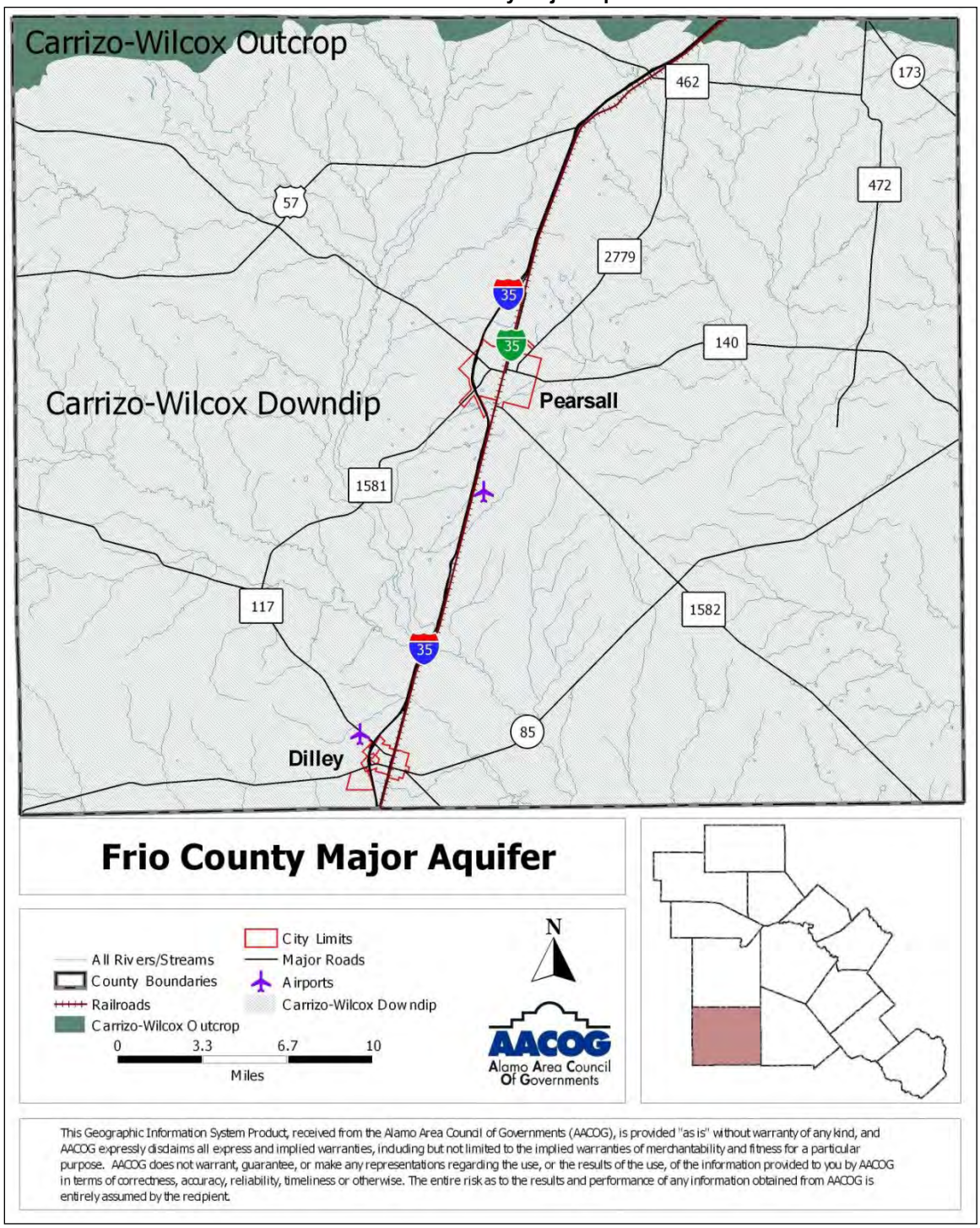
Map 6.5.6.1-4
Bexar County Major Aquifers



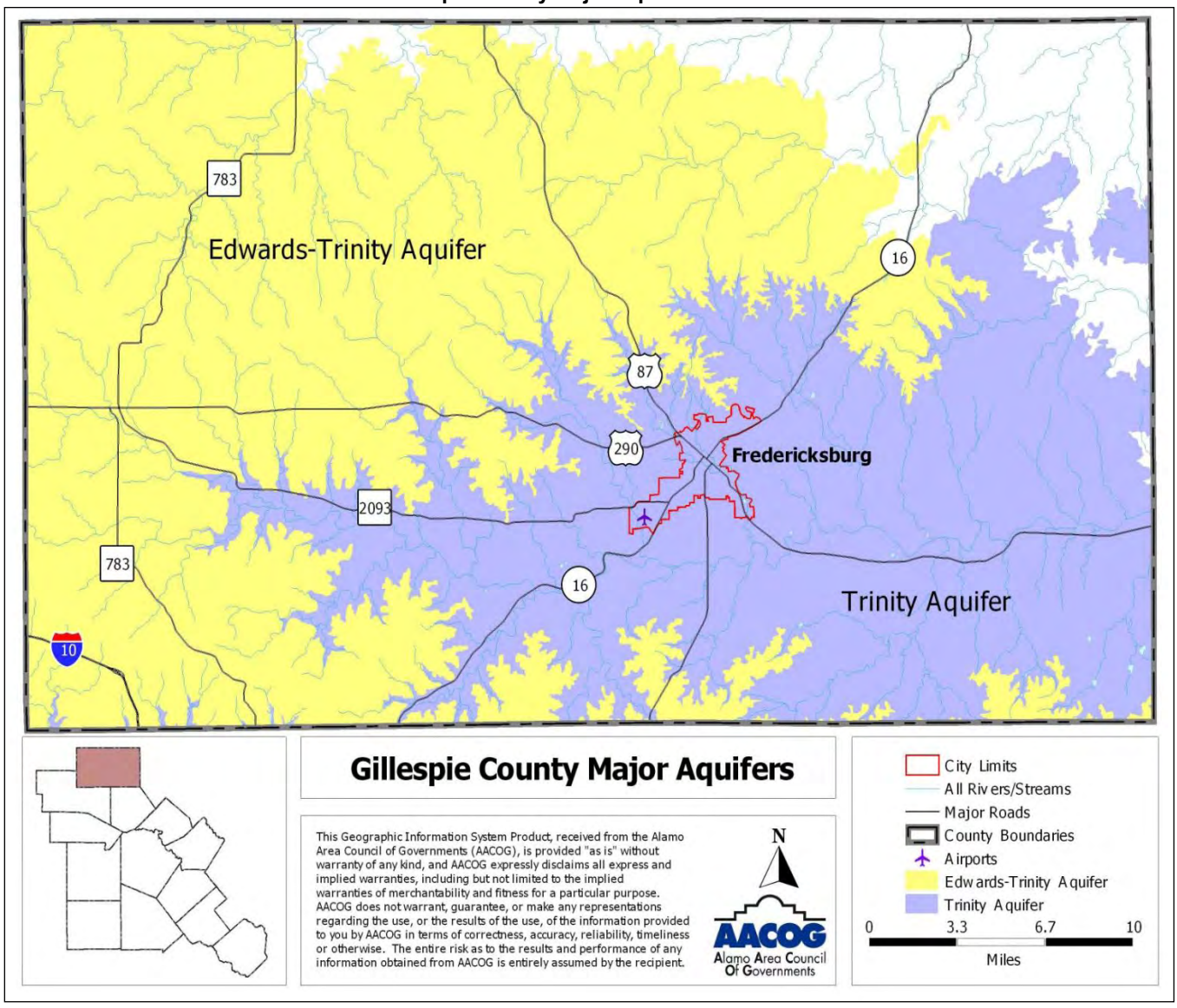
Map 6.5.6.1-5
Comal County Major Aquifers



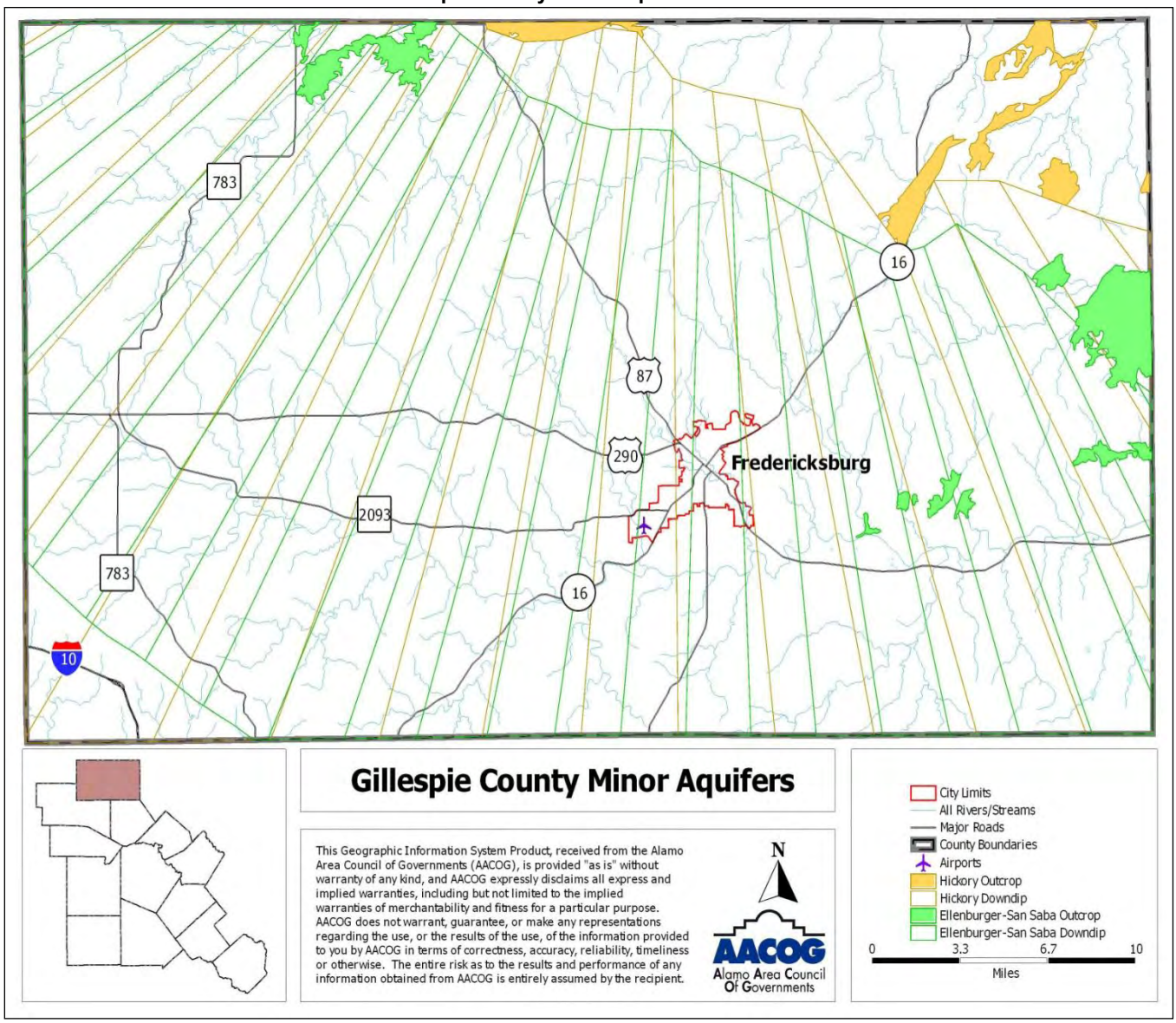
Map 6.5.6.1-6
Frio County Major Aquifer



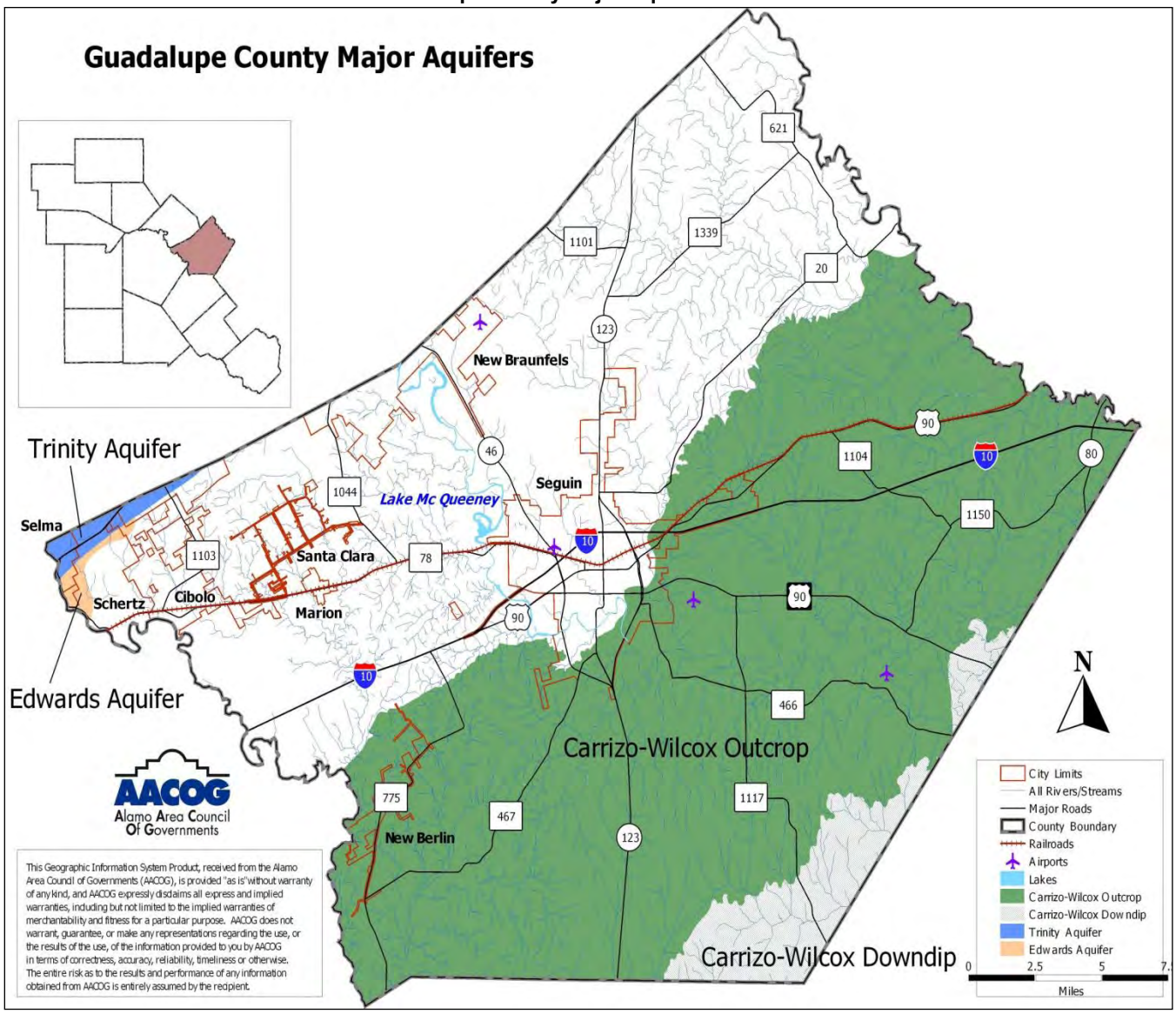
Map 6.5.6.1-7
Gillespie County Major Aquifers



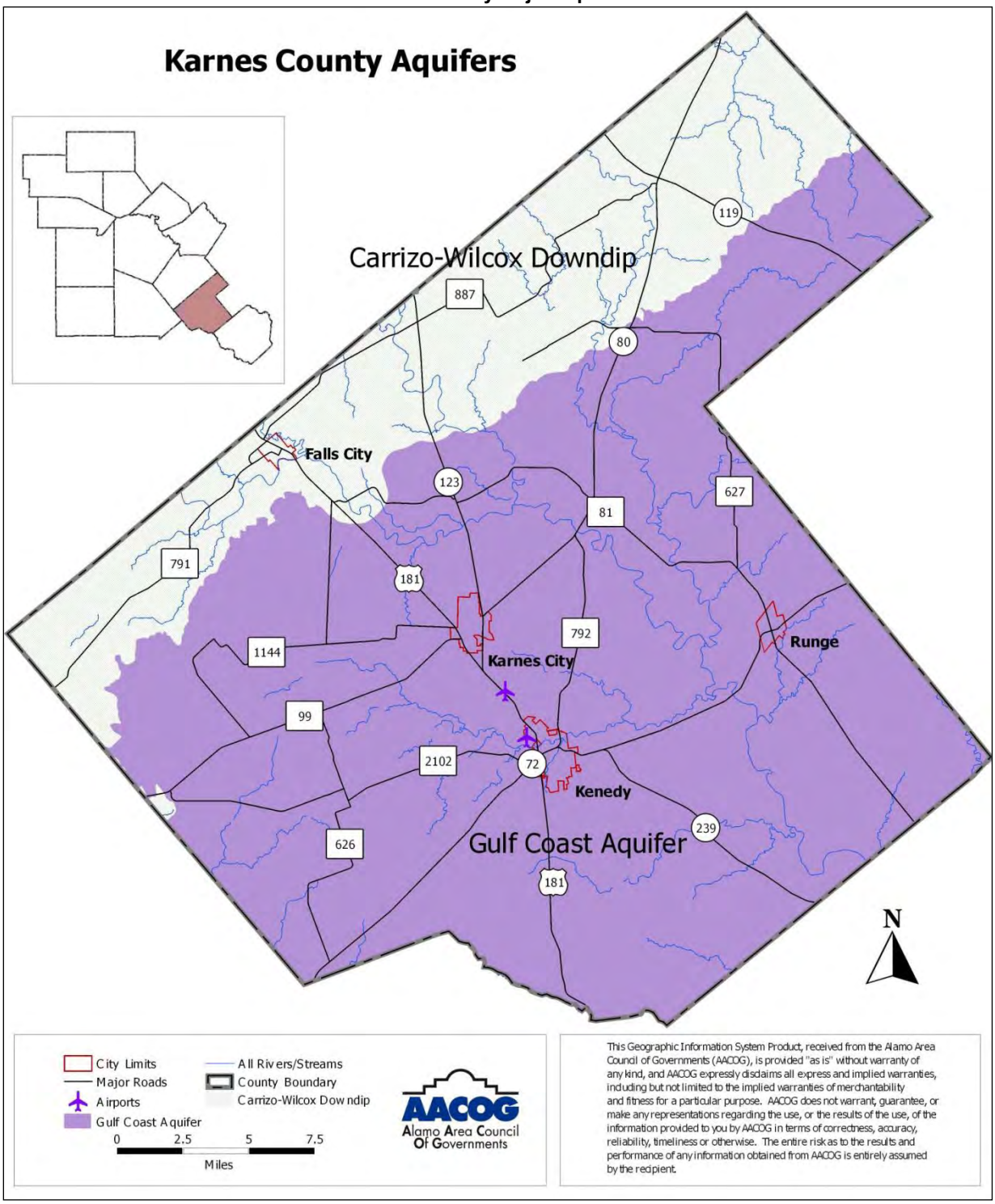
Map 6.5.6.1-8
Gillespie County Minor Aquifers



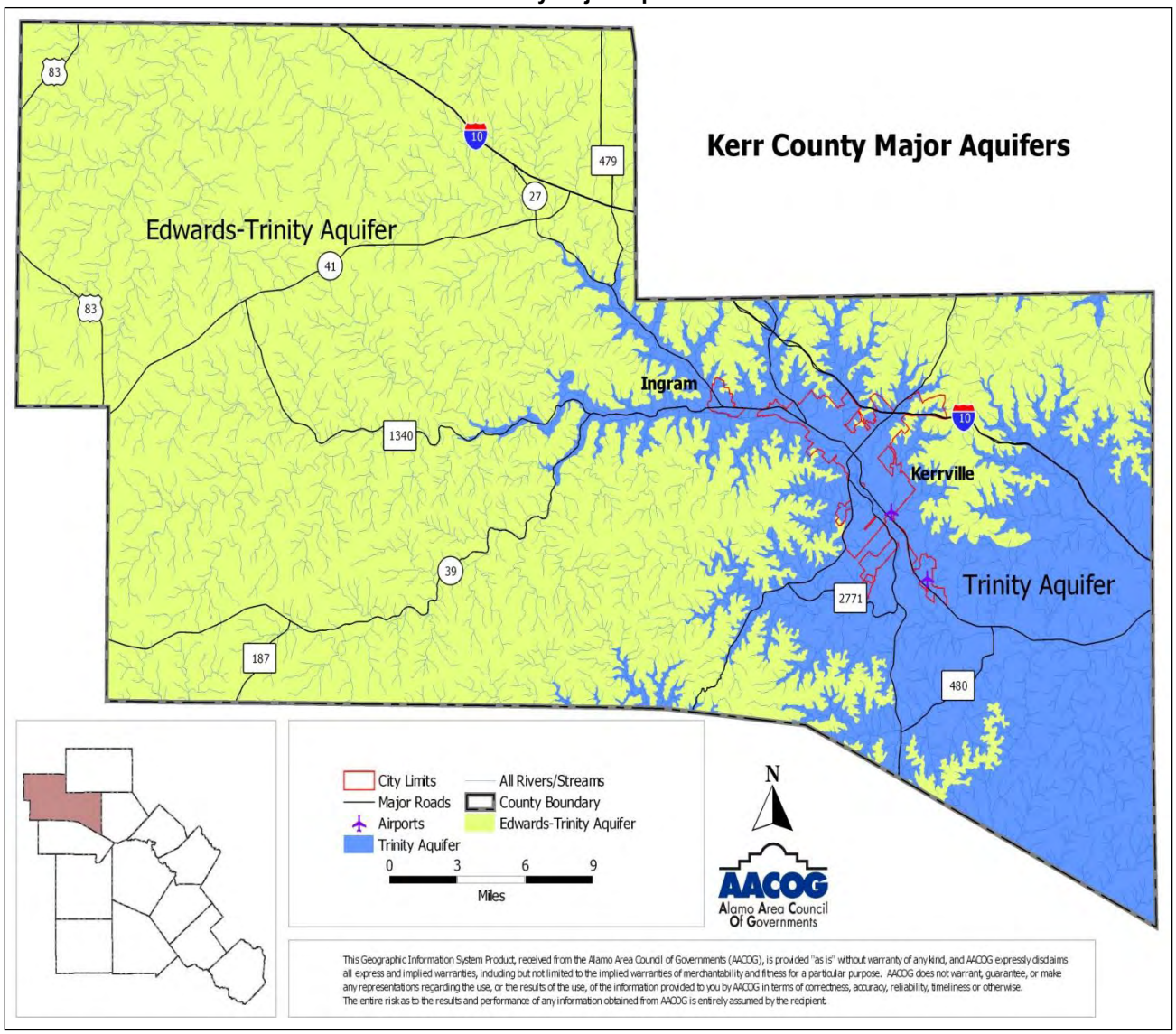
Map 6.5.6.1-9
Guadalupe County Major Aquifers



Map 6.5.6.1-10
Karnes County Major Aquifers



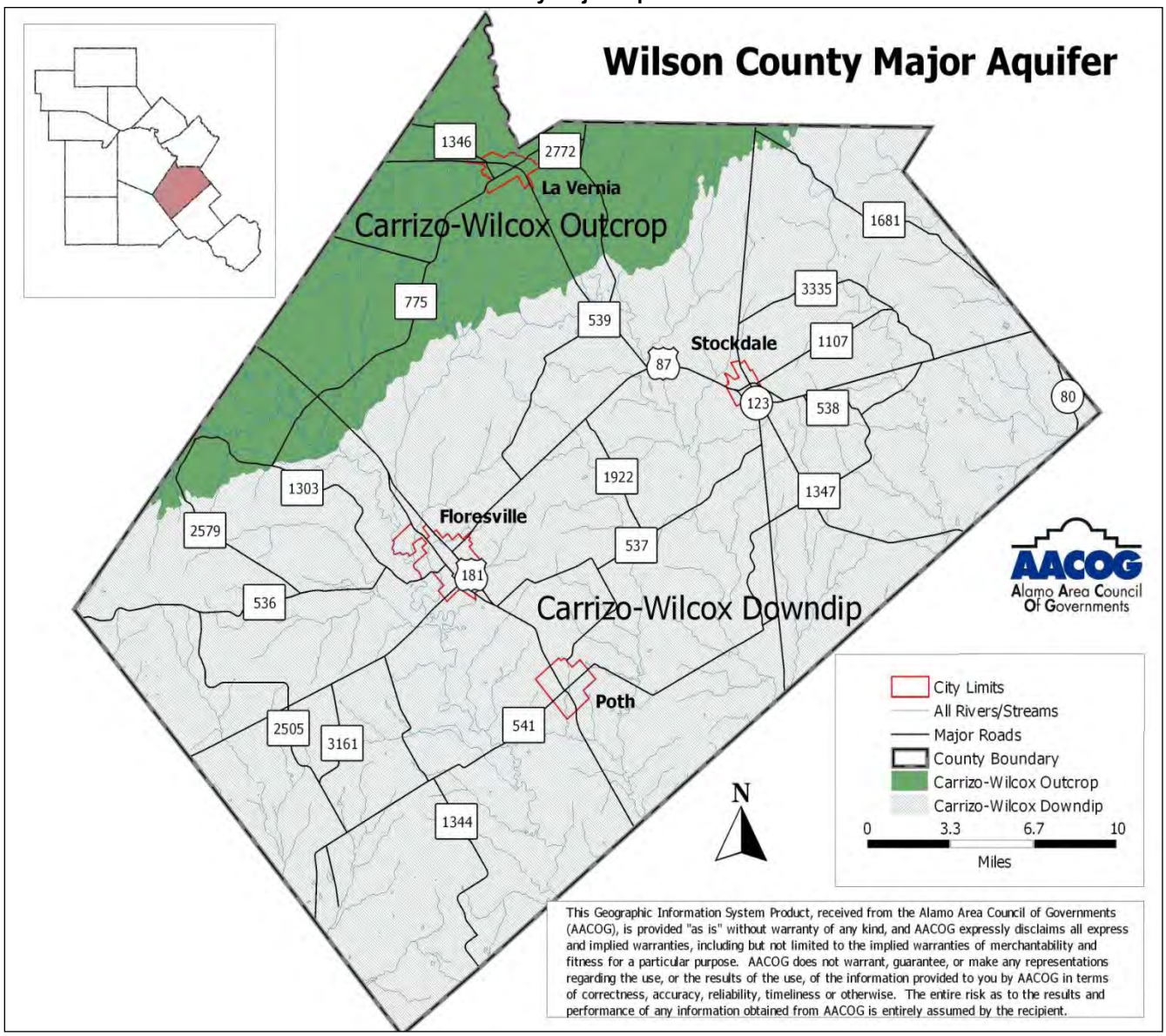
Map 6.5.6.1-11
Kerr County Major Aquifers



Map 6.5.6.1-12
Medina County Major Aquifers



Map 6.5.6.1-13
Wilson County Major Aquifer



6.5.6.2 Risk Assessment

This subsection of the Plan Updates provides estimates of future drought losses, i.e. risk. Each of the loss calculations is based on best available data, but they must be considered estimates because highly detailed engineering was not performed as part of this planning process.

Methodology and Limitations

After discussion and review of the best available data regarding this hazard, and in consideration of the potential impacts of this hazard to the planning area, the EMC determined that the risk assessment should be limited to a qualitative analysis. At the time of this update, insufficient data exists to quantify the planning area's risks from and exposure to this hazard.

Qualitative
Each participating jurisdiction was asked to provide a qualitative risk assessment ranking regarding the drought hazard. (For definitions of these rankings, please see Table 6.4-1, earlier in this section.) The results of this assessment are presented in the table below.

6.5.6.2-1
Qualitative Risk Assessment Results – Drought

Jurisdictions Ranking Hazard as Low	Jurisdictions Ranking Hazard as Moderate	Jurisdictions Ranking Hazard as High	
City of Kenedy	City of Balcones Heights	Atascosa County	Frio County
	City of Converse	City of Charlotte	City of Dilley
	City of San Antonio	City of Christine	City of Pearsall
	City of Selma	City of Jourdanton	Gillespie County
	City of St. Hedwig	City of Lytle	Guadalupe County
	City of Terrell Hills	City of Pleasanton	City of New Berlin
	City of Von Ormy	City of Poteet	City of Schertz
	City of Fredericksburg	Bandera County	City of Seguin
	City of Ingram	City of Bandera	Karnes County
	City of Devine	Bexar County	City of Karnes
	City of Stockdale	City of Alamo Heights	City of Runge
		City of Helotes	City of Falls City
		City of Kirby	Kerr County
		City of Leon Valley	City of Kerrville
		City of Live Oak	Medina County
		City of Somerset	City of Castroville
		City of Universal City	City of Hondo
		City of Windcrest	City of Natalia
		Comal County	Wilson County
		City of Garden Ridge	City of La Vernia
		City of Bulverde	San Antonio River
		City of New Braunfels	Authority

Risk Assessment Conclusions

The majority of the participating jurisdictions ranked the drought hazard as a high or moderate impact. However, this is not a hazard for which many mitigation actions are available. The jurisdictions may choose to study alternate water sources for the future.

Section 7
Capability Assessment

Contents of this Section

7.1 Overview and Purpose of Capability Assessment
7.2 Methodology
7.3 Federal and State Regulations, Plans, and Funding Sources
  7.3.1 Summary of Regulations, Plans and Funding Sources
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  7.4.1 Emergency Management Capabilities
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  7.4.6 Fiscal Capabilities
  7.4.7 Political Capabilities
7.5 Hazard Mitigation Programs and Projects
7.6 Summary and Conclusions

7.1 Overview and Purpose of Capability Assessment

The purpose of conducting a capability assessment is to determine the ability of counties and municipalities in the Alamo Area Council of Governments region to implement a mitigation strategy.[1] As in any planning process it is important to determine what actions are feasible, based on an understanding of those departments tasked with their implementation. More specifically, the capability assessment helps to determine what mitigation actions are practical and likely to be implemented over time given the fiscal, technical, administrative and political framework of the community. It also provides an opportunity to assess existing plans, policies and processes in place. A careful analysis was conducted to detect any existing gaps, shortfalls or weaknesses within existing government activities that could exacerbate community vulnerability. The assessment also highlights positive measures already in place, which should continue to be supported and through future mitigation efforts.

[1] While the Interim Final Rule for implementing the Disaster Mitigation Act of 2000 does not require a local capability assessment to be completed for local hazard mitigation plans, we believe that it is it a critical step to develop a mitigation strategy that meets the needs of each jurisdiction while taking into account their own unique abilities. However, the Rule does state that a community's mitigation strategy should be "based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools" (44 CFR, Part 201.6(c)(3)).

7.2 Methodology

The Disaster Mitigation Act of 2000 requires that local governments review and incorporate, if appropriate, existing plans, studies, reports and technical information into their hazard mitigation plans. Witt Associates worked closely with AACOG officials to distribute a detailed *Local Capability Assessment Survey* to participating jurisdictions. (A copy of the survey can be found in Appendix I.) The survey asked several detailed questions about existing local plans, policies, programs and ordinances that contribute to and/or hinder that community's ability to implement hazard mitigation actions. In addition, a series of questions were asked concerning each jurisdiction's technical, fiscal, administrative and political capabilities. The survey results provided an inventory of existing local plans, policies, programs and ordinances. Just as important, local officials conducted a self-assessment of their capabilities.[2]

An inventory and analysis of previously implemented mitigation actions was also included as part of the capability assessment. This information provides a region-wide perspective of the efforts taken to reduce the effect of natural hazards on the planning area and provides insight into the effectiveness of those efforts. Documenting past mitigation measures can also serve to help assess the degree to which local governments are willing to adopt future mitigation actions.

7.3 Federal and State Regulations, Plans, and Funding Sources

7.3.1 Summary of Regulations, Plans and Funding Sources

This section, including Table 7.3-1, provides summary information regarding selected federal and state regulations, plans, and sources of funding that are relevant to mitigation projects and activities. For additional information regarding funding availability and eligibility, and other details about and evaluations of these regulations, plans, and funding sources, see Section 5.

Table 7.3-1
Summary of Selected State and Federal Regulations, Programs, and Funding Sources Relevant to Natural Hazard Mitigation

Title	Program Type	Administered By	Eligible Recipient	
			County	Municipality
FEMA Public Assistance (PA)	Funding (Federal)	Texas Division of Emergency Management	X	X
FEMA Hazard Mitigation Grant Program (HMGP)	Funding (Federal)	Texas Division of Emergency Management	X	X
FEMA Pre-Disaster Mitigation (PDM)	Funding (Federal)	Texas Division of Emergency Management	X	X
FEMA/National Flood Insurance Program (NFIP) Repetitive Flood Claims (RFC)	Funding (Federal)	Texas Division of Emergency Management	X	X

[2] Due to the length of the survey and the number of participating jurisdictions in the Plan Update, the completed surveys were not included in this document. Hard copies of the surveys can be obtained from the participants.

Title	Program Type	Administered By	Eligible Recipient	
			County	Municipality
FEMA/NFIP Severe Repetitive Loss (SRL)	Funding (Federal)	Texas Water Development Board	X	X
FEMA/NFIP Flood Mitigation Assistance (FMA)	Funding (Federal)	Texas Water Development Board	X	X
Housing and Urban Development Community Development Block Grants (CDBG)	Funding (Federal)	Texas Department of Rural Affairs	X	X

For many federal grants, the non-federal share can be borne by the state as *grantee*, the recipient community as *sub-grantee* or in some cases, the property owner who benefits from the project. In the case of property acquisitions intended to remove properties that experience repetitive flood losses, the non-federal share is typically covered by the property owner, who accepts the federal share of 75% and documents the lost equity as the non-federal share. This can serve as a disincentive to participation.

7.3.2 Implications of TDEM Capabilities on Local Hazard Mitigation Efforts

State capabilities for hazard mitigation have an impact on the efficacy of local planning and implementation. In accordance with the State of Texas Hazard Mitigation Plan (SHMP), the focus of TDEM, with floodplain management responsibilities located under the authority of the Texas Water Development Board (TWDB).

The TDEM Mitigation Section provides plan development assistance to local jurisdictions upon request. Providing planning assistance is a daily affair as much of it is done via telephone calls and emails. TDEM Mitigation Section developed the DEM 21-Mitigation Handbook. DEM 21 provides information and guidance on the hazard mitigation process and mitigation program activities in Texas to include participation in state and federally funded mitigation opportunities. The handbook also serves as a guide for developing hazard analysis, how to develop local mitigation action plans, how to establish and maintain a viable, and effective mitigation program to reduce vulnerabilities, risks, and human suffering caused by hazards. The DEM 21 discusses the following topics: (1) why mitigation is important; (2) building partnerships to include establishing a hazard mitigation team; (3) the hazard analysis process; (4) developing mitigation goals and strategies; and (5) developing a comprehensive MAP. It is an excellent one of a kind mitigation handbook design for Texans. The DEM 21 is available for download from the TDEM website:

http://www.txdps.state.tx.us/dem/pages/index.htm

Historically, TDEM has had limited staffing to address the hazard mitigation needs of the state. Additional staff is needed to expand the ability of the state to support local and county mitigation planning needs. This additional staffing should have the necessary expertise for the timely development of hazard mitigation plans and to facilitate the implementation of risk reduction projects statewide.

7.4 Capability Assessment for the Planning Area

The findings of the capability assessment are described below. Table 7.4-1 provides a jurisdictional overview of the plans and programs in place, followed by summary statistics of the *Local Capability Assessment Surveys*. Each county and municipality was asked to self-assess their capabilities, which are described next. As required by Annex P under the Texas Division of Emergency Management, completed Hazard Mitigation Grant Program (HMGP) projects are identified and described. Finally, conclusions are presented, including a discussion of the approach used to develop meaningful mitigation strategies based on the capability and risk assessment findings.

Table 7.4-1
Capability Assessment Findings

Jurisdiction	Hazard Mitigation Plan	Disaster Recovery Plan	Comprehensive Plan	Storm water management Plan	Emergency Operations Plan	Continuity of Operations Plan	Radiological Emergency Plan	SARA Title III/Hazmat	Transportation Plan	Capital Improvements Plan	Regional Plan	Historic Preservation Plan	Zoning Ordinance	Subdivision Ordinance	Flood Damage/Mgt Ordinance	NFIP	Building Code
Atascosa County	X	X			X		X		X		X	X		X	X	X	
Charlotte	X	X			X		X		X		X	X		X	X	X	
Christine	X	X			X		X		X		X	X		X	X	X	
Jourdanton	X	X			X		X		X		X	X		X	X	X	
Lytle	X	X			X		X		X		X	X		X	X	X	
Pleasanton	X	X			X		X		X		X	X		X	X	X	
Poteet	X	X			X		X		X		X	X		X	X	X	
Bandera County[1]	X				X	X								X	X	X	
Bandera[1]	X				X	X								X	X	X	
Bexar County	X	X	X	X	X		X	X	X	X	X	X		X	X	X	
Alamo Heights	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
Balcones Heights	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X
Converse	X	X		X	X		X		X	X	X		X	X	X	X	X
Helotes															X	X	
Kirby															X	X	
Leon Valley	X	X		X	X		X		X	X	X		X	X	X	X	X
Live Oak	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X

Jurisdiction	Hazard Mitigation Plan	Disaster Recovery Plan	Comprehensive Plan	Storm water management Plan	Emergency Operations Plan	Continuity of Operations Plan	Radiological Emergency Plan	SARA Title III/Hazmat	Transportation Plan	Capital Improvements Plan	Regional Plan	Historic Preservation Plan	Zoning Ordinance	Subdivision Ordinance	Flood Damage/Mgt Ordinance	NFIP	Building Code
San Antonio	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Saint Hedwig	X		X						X				X	X	X	X	
Somerset	X	X	X	X	X					X			X	X	X	X	X
Terrell Hills	X	X	X	X	X	X	X		X	X	X		X		X	X	X
Von Ormy	X										X				X	X	X
Universal City															X	X	
Windcrest	X	X		X	X		X				X		X	X	X	X	X
Comal County	X	X			X	X	X	X	X	?	X	X		X	X	X	X
Bulverde	X	X			X	X	X		X	?	X	X	X	X	X	X	X
Garden Ridge															X	X	
New Braunfels	X		X		X	/			X		X		X	X	X	X	X
Frio County	X											X		X		X	
Dilley	X											X	X		X	X	
Pearsall	X											X	X	X	X	X	X
Gillespie County	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X
Fredericksburg	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Guadalupe County	X	X	X	X	X	X	X	X	X		X			X	X	X	
Cibolo															X	X	
Schertz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sequin															X	X	
Karnes County	X	X	X	X	X		X				X		X	X	X	X	X
Karnes City	X	X	X	X	X		X				X		X	X	X	X	X
Kenedy	X	X	X	X	X		X				X		X	X	X	X	X
Runge	X	X	X	X	X		X				X		X	X	X	X	X
Falls City	X	X	X	X	X		X				X		X	X	X	X	X
Kerr County	X	X					X					X		X	X	X	
Ingram															X	X	
Kerrville	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X
Medina County	X		X		X	X	X	X	X	X	X		X	X	X	X	X

Jurisdiction	Hazard Mitigation Plan	Disaster Recovery Plan	Comprehensive Plan	Storm water management Plan	Emergency Operations Plan	Continuity of Operations Plan	Radiological Emergency Plan	SARA Title III/Hazmat	Transportation Plan	Capital Improvements Plan	Regional Plan	Historic Preservation Plan	Zoning Ordinance	Subdivision Ordinance	Flood Damage/Mgt Ordinance	NFIP	Building Code
Castroville	X	X	/		X	X	X	X	X	X	X		X	X	X	X	X
Devine	X	X	X										X	X	X	X	X
Hondo													X		X	X	
Natalia													X		X	X	
Wilson County	X	X			X		X	X			X			X	X	X	
Floresville															X	X	
La Vernia	X	X	X		X	X	X	X			X			X	X	X	X
Stockdale															X	X	

[1]In process as of the development of this Plan Update.

7.4.1 Emergency Management Capabilities

Hazard mitigation is widely recognized as one of the four primary "phases" of emergency management. Other phases include preparedness, response and recovery. In reality, each phase is interconnected with hazard mitigation as Figure 7.4.1-1 suggests. Planning for each phase is a critical part of a comprehensive emergency management program and a key to the successful implementation of hazard mitigation actions. As a result, the *Local Capability Assessment Survey* asks several questions across a range of emergency management plans in order to assess the jurisdiction's willingness to plan and their level of technical proficiency.

Figure 7.4.1-1
Hazard Mitigation and the Phases of Emergency Management



Hazard Mitigation Plan: A hazard mitigation plan represents a community's blueprint for how they intend to reduce the impact of natural and human-caused hazards on people and the built environment. Elements of a hazard mitigation plan include a risk assessment, capability assessment and mitigation strategy.

- As this is a multi-jurisdictional hazard mitigation plan update, each of the participating communities has developed a hazard mitigation plan.

Disaster Recovery Plan: A disaster recovery plan serves to guide the physical, social, environmental and economic recovery of a community, including the physical reconstruction process following a disaster.

- Survey results indicate that seven (7) counties have developed disaster recovery plans.
- Twenty six (26) of the responding municipalities surveyed indicated that they had a disaster recovery plan in place.

Emergency Operations Plan: An emergency operations plan outlines the responsibilities of those responding to an emergency or disaster and the means by which resources are deployed.

- Survey results indicate that ten (10) counties have emergency operation plans.
- Twenty seven (27) of responding municipalities reported that they have an Emergency Operations Plan.

Continuity of Operation Plan: A continuity of operations plan establishes a clear chain of command, line of succession, and plans for backup or alternate emergency facilities in case of an extreme emergency or disaster.

- Survey results indicate that eight (8) counties have continuity of operation plans.
- Ten (10) municipalities reported have continuity of operation plans.

Radiological Emergency Plan: A radiological emergency plan delineates roles and responsibilities for assigning personnel and the means to deploy resources in the event of a radiological accident.

- Survey results indicate that nine (9) counties have a radiological emergency plan.
- Twenty-two (22) of responding municipalities have Radiological Emergency Plans.

7.4.2 General Planning Capabilities

The implementation of hazard mitigation activities often involves individuals beyond the emergency management profession. Stakeholders may include local planners, public works officials, economic development specialists and others. Similarly, hazard mitigation planning cuts across multiple disciplines. As a result, the questions asked in the *Local Capability Assessment Survey* regarding general planning capabilities were designed to measure the degree to which mitigation is integrated into other planning efforts.

Regional Planning: Regional planning refers to any type of planning effort that involves a community working in conjunction with neighboring jurisdictions. For example, the development of this Hazard Mitigation Plan is a regional planning effort, in the original plan; over half of respondents did not consider their participation in the AACOG Regional Hazard Mitigation plan as such. In the plan update, the majority of all responding communities noted AACOG planning participation in response to this question.

- Survey indicates eight (8) counties have participated in regional plans.
- Twenty-six (26) of responding municipalities participated in regional planning efforts.

Comprehensive Plan: A comprehensive plan establishes the overall vision for a community and helps to guide municipal decision-making.

- Survey results indicate that five (5) counties have comprehensive plans.
- Sixteen (16) responding municipalities have a comprehensive plan, two (2) municipalities have a plan in progress.

Transportation Plan: A transportation plan identifies the means to gauge transportation demands and the options to meet those needs, while considering the social, economic and environmental characteristics of the area. The development of transportation networks can significantly impact the amount, type and location of future growth. As a result, transportation planning can have a dramatic impact on future hazard vulnerability.

- Survey results indicate that six (6) counties have transportation plans.
- Nineteen (19) responding municipalities have a transportation plan.

Capital Improvements Plan: A capital improvements plan guides the scheduling of spending on public improvements. A capital improvements plan can serve as an important mechanism to guide future development away from identified hazard areas. Limiting public spending in hazardous areas is one of the most effective long-term mitigation actions available to local governments.

- Survey results indicate that five (5) counties have a capital improvement plan.
- Nine (9) responding municipalities indicated they have a capital improvement plan.

Historic Preservation Plan: A historic preservation plan is intended to preserve historic structures or districts within a community. An often overlooked aspect of the historic preservation plan is the assessment of buildings and sites located in areas subject to natural hazards to include the identification of the most effective way to reduce future damages.[3] This may involve retrofitting or relocation techniques that account for the need to protect buildings that do not meet current building standards or are within a historic district that cannot easily be relocated out of harms way.

- Five (5) of the counties surveyed have a historic presentation plan.
- Twelve (12) of the responding municipalities surveyed have a historic preservation plan.

Zoning Ordinances: Zoning represents the means by which land use is controlled by local governments. As part of a community's police power, zoning is used to protect the public health, safety and welfare. A zoning ordinance is the mechanism through which zoning is typically implemented. Since zoning regulations enable municipal governments to limit the type and density of development, it can serve as a powerful tool when applied in identified hazard areas.

- No counties have a zoning ordinance.[4]
- Twenty-five (25) of the responding municipalities have zoning ordinances.

Subdivision Ordinances: A subdivision ordinance is intended to regulate the development of housing, commercial, industrial or other uses, including associated public infrastructure, as land is subdivided into buildable lots for sale or future development. Subdivision design that accounts for natural hazards can dramatically reduce the exposure of future development.[5]

- Survey results indicate that ten (10) counties have a subdivision ordinance.
- Twenty-eight (28) of municipalities have subdivision ordinances.

Building Codes, Permitting and Inspections: Building codes regulate construction standards. Decisions regarding the adoption of building codes, the type of permitting process required both before and after a disaster, and the enforcement of inspection protocols all affect the level of hazard risk faced by a community.

- No counties reported the enforcement of building codes.[6]
- 12 of the responding municipalities have building codes.

[3] See *Protecting the Past from Natural Disasters*. 1989. Nelson, Carl. National Trust for Historic Preservation: Washington, D.C.
[4] Counties do not have the statutory right to implement zoning (Chapter 232 of the Texas Local Government Code).
[5] For additional information regarding the use of subdivision regulations in reducing flood hazard risk, see *Subdivision Design in Flood Hazard Areas*. 1997. Morris, Marya. Planning Advisory Service Report Number 473. American Planning Association: Washington, D.C.
[6] Counties do not have the authority to adopt building codes. Some counties have circumvented this restriction by adopting Uniform Fire and Building Codes for commercial buildings and certain public facilities, stating that they are needed for fire safety.

7.4.3 Floodplain Management Capability

Flooding represents the greatest natural hazard facing the Nation and the planning area. At the same time, the tools available to reduce the impacts associated with flooding are among the most developed when compared to other hazard-specific mitigation techniques. Information contained in this section has been gathered through surveys and the NFIP Status Book.

Storm Water Management Plan: A storm water management plan is designed to address flooding associated with storm water runoff. The storm water management plan is typically focused on design and construction measures that are intended to reduce the impact of more frequently occurring minor urban flooding.

- Survey results indicate that four (4) counties have a storm water management plan.
- Fifteen (15) of responding municipalities have a storm water management plan.

Flood Damage Prevention Ordinance/NFIP participation: A local Flood Damage Prevention Ordinance is a tool used by counties and municipalities to regulate the type of construction that occurs in the floodplain. If a community is an NFIP participant, a Flood Ordinance or Court Order is in place.

- All responding counties have a Flood Damage Prevention/Management Ordinance/participate in the NFIP.

Across the board increases in planning and code adoption were seen in several areas in both counties and municipalities, primarily with NFIP participation and Flood Damage Protection Court Orders. Additionally increases were seen in regional planning participation, disaster recovery planning, and comprehensive planning at both the County and Municipal level. In some cases surveys indicated conflicting information at the municipal level, for instance whether or not Flood Damage Prevention Ordinance was in place. Some of this could be attributable to the wording of the questionnaire; however there may also be an opportunity to further improve awareness of the NFIP and floodplain management practices. Overall it appears was an improvement at all levels of the importance of mitigation planning and its integration at all levels of emergency management.

Recommendation: Ongoing and continued involvement at all levels of the mitigation planning effort and increased outreach to municipalities in the future will enhance the participants' ability to successfully integrate the mitigation plan in their community's other planning efforts to reduce or eliminate losses to life and property by natural disasters. In addition to this continued involvement and outreach, the State of Texas's reduction of area wide multi-jurisdictional hazard mitigation plans will improve community awareness of the mitigation planning process, leading to a better understanding of local risks and the effective mitigation thereof.

7.4.4 Technical Capability

Technical capability can be defined as possessing the skills and tools needed to improve decision-making, including the development of sound mitigation actions. Technical capability can be measured across three primary elements: 1) geographic information systems (GIS) and database management; 2) grants management; and 3) hazard mitigation planning. Measuring the degree to which each element is found in the planning area was conducted using the *Local Capability Assessment Survey* and through discussions with county and municipal staff. Self-assessment survey questions addressing technical capability focused on the use of GIS, while questions addressing grants management and mitigation planning capability focused on grants and planning management.

The analysis of the responses to the capability assessment survey indicated that there was an improvement, especially at the county level, of technical capability since the previous plan. According to survey results, six, (6) counties rated their technical capability as moderate, and increase of 3 over the original plan, while one (1) rated themselves as having a high level of technical capability, same as the original plan, and three (3) rated their technical capability as low. Of the responding municipalities five (5) assessed themselves as having a moderate level of technical capability, one (1) rated their technical capability as high, and twelve (12) rated their capability in this area as low. The following factors affect technical capability:

- Information on previous disasters and mitigation projects;
- Expertise in mitigation planning; and
- Training to undertake GIS-driven risk assessments, identify potential mitigation projects, and develop hazard mitigation plans.

Recommendations: The original results of the technical capability assessment highlighted a belief among those who filled out the survey that the existing capability of most counties and communities should have been improved. Counties made apparent strides in this area, the number of counties rating themselves as moderate doubled. Continued focus on technical capabilities should be maintained and improved upon, especially at the municipal level. Continued sharing of resources could significantly increase the level of technical capability to analyze natural hazards and continue develop meaningful actions to reduce their impact. Building on the series of regional mitigation actions in the planning area could also be used to assist in this effort.

7.4.5 Administrative/Institutional Capability

Administrative and institutional capability was evaluated by reviewing county and municipal staffing and the existing organizational structure found across local government to implement mitigation strategies. The analysis of the responses to the *Local Capability Assessment Survey* indicated that there is a moderate administrative capability at the county level. No counties reported a high administrative capability, seven (7) counties reported a moderate level, and three (3) counties reported a low administrative capability. Of the municipalities responding to this question, twelve (12) rated their administrative capability as moderate, and four (4) rated their community as low in their ability to administer mitigation activities. One (1) responding municipality reported they were unsure of their ability in this area. The following are a summary of key issues affecting administrative capability:

- Varied integration of mitigation into county/local governments functions; and
- The level of interdepartmental coordination.

Recommendations: The result of the administrative capability assessment demonstrates that administrative capability varies geographically and by population concentration, and further attention and time should be spent working with municipalities directly to better understand their capability in this area. As with the previous Mitigation Plan, of those counties that possess high or moderate administrative capability are in more urban areas, accordingly most responding municipalities within these counties rated themselves as maintaining a moderate level of administrative capability. Conversely, those counties with low capability tended to contain municipalities, which responded with low capability. In most cases this can be explained as a function of urban versus rural counties. The enhancement of administrative capability may be achieved through continued county-municipal training, outreach and mentoring of smaller rural jurisdictions as well as the sharing of resources, when appropriate.

7.4.6 Fiscal Capability

The ability to take action is often closely associated with the amount of money available to implement policies and projects.[7] This may take the form of grants received or state and locally based revenue. The costs associated with policy and project implementation vary widely. In some cases, policies are tied primarily to staff costs associated with the creation and monitoring of a given program. In other cases, money is linked to an actual project, like the acquisition of flood-prone homes, which can require a substantial commitment from local, state and federal funding sources.

The analysis of the responses to the capability assessment survey indicated that there is a moderate to low fiscal capability at the county and municipal levels respectively. Since the original plan, there was an increase in counties reporting low fiscal capability. This is likely an effect of the economic downturn in the intervening years since the original plan. Of the counties responding to this question, four (4) reported a moderate fiscal capability, and six (6) counties assessed their fiscal capability as low. Of responding municipalities, six (6) rated their fiscal capability as moderate, with eleven (12) rating their fiscal capability as moderate or unknown.

Recommendations: The factors used in the self-assessment of local capability should be used as a general guide to help craft mitigation actions that are achievable. When considering the effect of fiscal capability on the implementation of policies and projects, jurisdictions should ask several questions:

- Does the action require a monetary commitment or staff resources?;
- Can jurisdictions combine resources with other counties or municipalities to address identified problems?; and
- Is the jurisdiction willing to commit local revenue on a sustained or one time basis?

7.4.7 Political Capability

One of the most difficult and sensitive capabilities to evaluate involves the political will of a jurisdiction to enact meaningful policies and projects designed to reduce the impact of future events. Despite this, the ability of a jurisdiction to enact policies to mitigate against hazards is essential in reducing risks from those hazards, however often the climate is not conducive, the fiscal capability is absent, and the expertise to create the policy is not present, or a combination of those factors and others prevent enactment.

Due to the low response rate to this question in the previous Multi-Jurisdictional Hazard Mitigation Plan, the question posed to the participants focused on providing examples of policies that have been enacted. Three counties reported multiple enacted policies and ordinances, two counties listed NFIP ordinances, and the remaining five did not address the question. Of the responding municipalities, four (4) communities noted any sort of ordinance, although one noted that using ordinances and codes to mitigate was a priority.

Recommendations: The response to this question displayed that larger municipalities and more urban areas/counties wield more political capital than municipalities and rural areas/counties as a whole. Continued

[7] Gaining access to federal, state or other sources of funding is often an overriding factor driving the development of hazard mitigation plans. However, an important objective of local governments seeking a more sustainable future is the concept of self-reliance. Over time, counties and municipalities should seek the means to become less dependent on federal assistance, developing a more diversified approach that assesses the availability of federal, state and locally generated funding to implement mitigation actions. Additional assistance may be available from the business and corporate sector as well as certain non-profit groups. This should be coupled with an attempt to identify mitigation measures that cost little or no money, yet may compliment the larger array of actions identified in the Plan.

awareness and promotion through education efforts regarding the importance and cost effectiveness of mitigation may be beneficial in creating a political atmosphere where regulations and ordinance designed to protect life and the loss of property is more accepted.

7.5 Hazard Mitigation Programs and Projects

The success of future mitigation efforts in a community can be gauged by past efforts. Previously implemented mitigation measures indicate that there is, or has been in the past, some political desire to reduce the effects of natural hazards on the community. Past success of these projects can also be influential in building support for new mitigation efforts.

Hazard Mitigation Grant Program Projects

The Federal Emergency Management Agency's Hazard Mitigation Grant Program (HMGP) provides competitive funding to states and local governments for the implementation of long-term hazard mitigation measures following a presidential disaster declaration. Grants are awarded to permanently reduce or eliminate future damages and losses from natural hazards. Each jurisdiction completing the capability assessment survey was asked for information regarding their HMGP projects. The information was collected and compiled, and the results are listed in Table 7.5-1.

Table 7.5-1
HMGP Projects in the Planning Area

Jurisdiction	HMGP Project Description	Status
Alamo Heights	Acquisition of two residential properties in the 100-year floodplain.	Complete
Atascosa County	Culvert mitigation project to replace culverts in county roads in numerous locations throughout the county.	Complete
Bexar County	The most recent HMGP project was the Lakewood Acres Property Acquisition (146 properties in the floodplain, $5,795,116). This project was initiated as a result of flooding in October 1998.	Complete
Comal County	Acquisition program for flood damaged properties after the Flood of 2002 and the Flood of 1998. Properties were located along the Guadalupe River. Also allowed for the acquisition of properties in the Horseshoe Falls area below Canyon Dam.	Complete
New Braunfels	Acquisition program for flood damaged properties. Properties were damaged during the Flood of 2002.	Complete
Guadalupe County	NOAA Weather Radios, Guadalupe-Blanco River Authority (GBRA) Hazard Mitigation Plan	Complete
Kerrville	Acquisition t of 21 flood damaged homes with a $1,080,000 federal share. Very effective in reducing future damage from floods (DR-1425-002).	Complete

Jurisdiction	HMGP Project Description	Status
La Vernia	La Vernia received FEMA funds through a 2000 "Unmet Needs" program. The funds were used to acquire four (4) flood-damaged properties located in the 100-year floodplain. The City of La Vernia also applied for drainage improvement funds through the same program. The application is still pending.	Complete
Leon Valley	Storm water management project—under development.	Complete
Leon Valley	Household Hazardous Waste project—regarded as "somewhat successful"—this project did not receive the public participation that was anticipated.	Complete
San Antonio	Major acquisition program following flooding in 1998.	Complete
Schertz	➢ HMGP 1179-003, $527,500—Acquired and demolished three-building apartment complex in floodplain. ➢ HMGP 1257-010, $352,899—Acquired and demolished three (3) structures in floodplain. ➢ HMGP 1257, UMN project #3.2E-02C-1, $4,079,830—Rebuild Schertz Parkway at Dietz Creek and re-channel creek to alleviate flooding. (City committed $1 million to start road project prior to FEMA approval of grant).	Complete
Wilson County	Due to the July Flood of 2002, Wilson County received FEMA funds through the HMGP "Fast Track Acquisition" program. The program funds were utilized to purchase seven (7) substantially flood-damaged properties in the 100-year floodplain. Wilson County also applied for funding through the HMGP regular acquisition program. This application is still pending. This money will be used to purchase additional flooded properties.	Complete
Windcrest	Citywide HAZMAT collection in March 2003. The program was very well received.	Complete

The table below provides information on local building and fire codes within the region. Where available, the date and type of codes in use has been listed, including a description of the inspection and permit process. If available, the number and qualifications of inspectors have been listed, as well as the number of building starts and inspections. Any missing jurisdictions means the data was not available or was not provided by the respondent.

Table 7.5-2
Building and Fire Codes in the Planning Area

Jurisdiction	Adopted Building Codes	Current Building Code (Type and Date)
Atascosa County	NA	NA
City of Charlotte		
City of Christine		
City of Jourdanton	Yes	

Jurisdiction	Adopted Building Codes	Current Building Code (Type and Date)
City of Lytle		
City of Pleasanton	Yes	International Building Code
City of Poteet		
Bandera County	NA	NA
City of Bandera	Yes	1997 Southern Standard Building Code
Bexar County	Yes	Building Codes for commercial establishments and limited public buildings when they relate to fire safety
City of Alamo Heights	Yes	International Building Code (Code of Ordinances, City of Alamo Heights)
City of Balcones Heights	Yes	Southern Building Code
City of Converse	Yes	International Building Code (2002 Edition)—National Electric Code along with Fire Code and Life Safety Code
City of Helotes	Yes	International Building Code—2000, International Residential Code 2000
City of Kirby	Yes	
City of Leon Valley	Yes	Uniform Building Code, Uniform Plumbing and Mechanical Codes, the National Electric Code and the National Fire Code—when these codes were initially adopted, the city also included a section in the ordinance which states "and subsequent additions or alterations to these codes," which means that they are automatically updated when a new issue is published.
City of Live Oak	Yes	Standard Building Code—1997, Standard Plumbing Code, Standard Mechanical Code, Standard Gas Code and the 1999 edition of the National Electric Code
City of Olmos Park	Yes	Uniform Building Code, Adopted September 13, 1979
City of San Antonio	Yes	1997 Uniform Building Code adopted in 1997 and updated as needed—the 2003 Uniform Building Code is now in the process of being adopted for implementation.
City of Somerset	Yes	1991 Southern Building Code
City of Terrell Hills	Yes	2006 International Building Code
City of Universal City	Yes	IBC, IRC and supplemental codes 2000, adopted May 2003 and October 2002 respectively
City of Windcrest	Yes	IRC 2000 adopted in 1996
Comal County	No	NA
City of Garden Ridge	Yes	Uniform Building Code—Effective 2000
City of Bulverde	Yes	ICC—Effective 2002
City of New Braunfels	Yes	2006 International Existing Building Code
Frio County	No	NA
City of Dilley	No	NA
City of Pearsall	No	

Jurisdiction	Adopted Building Codes	Current Building Code (Type and Date)
Gillespie County	No	
City of Fredericksburg	Yes	Standard Building Code adopted in the 1960s and used until the International Building Code was adopted in 2001
Guadalupe County	No	NA
City of Cibolo		
City of Schertz	Yes	2000 International Building Code—adopted January 2001
City of Seguin	Yes	2000 International Building Code
Karnes County	No	NA
City of Karnes City	Yes	International Building Code, March 26, 2002
City of Kenedy	Yes	1997 Southern Standard Building Code, adopted November 11, 1999
City of Runge		No answer
City of Falls City	Yes	No answer
Kerr County	No	NA
City of Ingram	Yes	State minimum standards for occupancy. November 1, 1984
City of Kerrville	Yes	International Building Code 2002
Medina County	No	NA
City of Castroville	Yes	International Residential Building Code 2002—Standard Building Code (Commercial) amended through 1997
City of Devine	Yes	2009 edition of the IBC, IRC, IPC, IFGC, IMC, IFC, IECC, IEBC, and IPMC (adopted 10/19/2010)
City of Hondo		
City of Natalia	Yes	Southern Building Code and International Building Code
Wilson County	No	NA
City of Floresville	Yes	International Building Code July 10, 2003
City of La Vernia	Yes	2003 International Residential Building Code (adopted in 2005) (Subdivision Ordinance 041008-01)
City of Stockdale	Yes	Southern Building Code (adopted June 1986) and adopted International Building Code in July 2003

Building Code Effectiveness Grading Schedule

Municipalities were evaluated using the Building Code Effectiveness Grading Schedule (BCEGS). The Insurance Services Office (ISO) has developed a method to assess the effectiveness of municipal building codes, including the degree to which they are enforced. The development and enforcement of sound building codes can help predict how structures will withstand the impacts associated with disasters such as hurricanes or tornadoes. Following the voluntary assessment, ISO staff analyzes the results and assigns a grade based on a 1 to 10 scale. A grade of 1 represents an exemplary commitment to their building code; whereas a grade of 10 means that there is no recognizable enforcement. It is up to the insurance industry to provide premium credits based on the findings. The results of those jurisdictions that agreed to submit to the evaluation are listed below. Communities did not note a change from information listed.

Table 7.5-3
BCEGS Ratings in the Planning Area

Jurisdiction	County	Personal Rating	Commercial Rating	Chose not to participate	No recognized program	Not Applicable	Not listed	Most Recent Date
Atascosa County	Atascosa					X		
Charlotte	Atascosa				X			1996
Jourdanton	Atascosa			X				1996
Lytle	Atascosa	7	7					1996
Pleasanton	Atascosa			X				1996
Poteet	Atascosa				X			1996
Bandera County	Bandera					X		
Bandera	Bandera	6	6					1996
Bexar County	Bexar					X		
Alamo Heights	Bexar			X				1996
Balcones Heights	Bexar	6	6					1996
Leon Valley	Bexar			X				1996
Live Oak	Bexar	5	5					1999
San Antonio	Bexar	8	8					1996
Schertz	Bexar	6	6					1999
Selma	Bexar	5	5					2002
Terrell Hills	Bexar	7	7					1999
Universal City	Bexar	7	7					1996
Windcrest	Bexar				X			1996
Comal County	Comal					X		
New Braunfels	Comal			X				1996
Frio County	Frio					X		
Dilley	Frio				X			1996
Pearsall	Frio			X				1996
Gillespie County	Gillespie						X	
Fredericksburg	Gillespie	5	5					2002
Guadalupe County	Guadalupe						X	
Seguin	Guadalupe	5	5					2001
Karnes County	Karnes						X	
Karnes City	Karnes			X				1996
Kenedy	Karnes				X			1996
Runge	Karnes				X			1996
Kerr County	Kerr					X		

Jurisdiction	County	Personal Rating	Commercial Rating	Chose not to participate	No recognized program	Not Applicable	Not listed	Most Recent Date
Kerrville	Kerr	5	5					2002
Medina County	Medina					X		
Castroville	Medina	NR	7					1996
Hondo	Medina	8	8					1996
Wilson County	Wilson					X		
Floresville	Wilson	7	7					1999
Stockdale	Wilson	Not rated	9					1996

Floodplain Management Programs in the AACOG Region

Sound floodplain management involves a series of programs designed to reduce flood-related damages. Programs such as the National Flood Insurance Program (NFIP), the Community Rating System (CRS), and the Flood Mitigation Assistance (FMA) program provide the framework needed to implement a successful floodplain management program. The NFIP contains specific regulatory measures that enable government officials to determine where and how growth occurs relative to flood hazards. Each county or municipality in the NFIP has adopted a Local Flood Damage Prevention Ordinance, which requires jurisdictions to follow established minimum building standards in the floodplain.[8] Another key service provided by the NFIP is the mapping of identified flood hazard areas. Flood Insurance Rate Maps (FIRMs) are used to assess flood hazard risk and set flood insurance rates. The maps also provide an important tool to educate residents, government officials and the business community about the likelihood of flooding in their community.

The City of Christine is a participant in this Plan Update, and they are not members of the NFIP, but they are included in the NFIP and FIRM data for Atascosa County. The newly-incorporated City of Staples is not a specific participant in this Plan Update, but they are included in the NFIP and FIRM data for Guadalupe County.

Note: This information was not accessible for Bexar County at the time of this Plan Update's development.

[8] House Bill 1018 requires Texas cities and counties to join the NFIP. The 77th Legislature of the State of Texas amended Subchapter I, Chapter 16, Water Code, by adding Section 16.3145 to read as follows: "The governing body of each city and county shall adopt ordinances or orders, as appropriate, necessary for the city or county to be eligible to participate in the National Flood Insurance Program...not later than January 1, 2001."

Table 7.5-4

Summary of NFIP Policies and Claims by County, Municipality, and Insurance Zone in the Planning Area (As of September 30, 2010)						
Community Name	**Insurance Zones A**			**Insurance Zones B, C, & X**		
	Policies in Effect	**# of CPL***	**$ of CPL***	**Policies in Effect**	**# of CPL***	**$ of CPL***
Atascosa County						
Atascosa County (includes City of Christine)	23	1	$20,065.05	68	9	$260,051.99
Charlotte	0	0	$0	0	0	$0
Jourdanton	0	0	$0	7	0	$0
Lytle	5	0	$0	8	0	$0
Pleasanton	28	3	$47,884.98	23	0	$0
Poteet	8	2	$42,954.00	2	0	$0
Bandera County						
Bandera County	161	60	$1,900,033.37	200	57	$1,737,404.06
Bandera	27	12	$581,519.27	25	16	$436,378.50
Bexar County						
Alamo Heights	144	30	$623,731.87	56	16	$859,980.73
Balcones Heights	3	0	$0	10	1	$1,669.80
Bexar County	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Converse	11	3	$61,849.44	59	5	$23,857.39
Fair Oaks Ranch	6	0	$0	67	6	$85,850.50
Grey Forest	3	4	$22,113.05	10	3	$29,084.76
Helotes	11	3	$10,024.39	20	4	$34,368.06
Kirby	11	0	$0	19	0	$0
Leon Valley	73	28	$508,991.29	52	8	$54,187.73

Summary of NFIP Policies and Claims by County, Municipality, and Insurance Zone in the Planning Area (As of September 30, 2010)						
Community Name	Insurance Zones A			Insurance Zones B, C, & X		
	Policies in Effect	# of CPL*	$ of CPL*	Policies in Effect	# of CPL*	$ of CPL*
Live Oak	22	2	$4,091.41	47	4	$27,237.15
Olmos Park	0	0	$0	16	2	$13,706.50
San Antonio	1,277	328	$8,291.531.15	2,981	281	$5,939,826.28
Somerset	0	0	$0	0	0	$0
Terrell Hills	12	5	$32,330.62	41	26	$110,148.05
Universal City	14	0	$0	60	1	$$8,472.01
Windcrest	11	0	$0	44	0	$0
Comal County						
Bulverde	12	0	$0	23	1	$2,769.54
Comal County	192	120	$5,642,958.49	794	231	$12,621,084.54
Garden Ridge	9	3	$7,671.52	33	2	$11,410.09
New Braunfels	515	261	$19,375,370.70	927	226	$14,562.614.37
Frio County						
Dilley	1	0	$0	1	0	$0
Frio County	0	0	$0	0	0	$0
Pearsall	5	0	$0	9	1	$449.63
Gillespie County						
Gillespie County	31	0	$0	63	1	$15,369.07
Fredericksburg	17	0	$0	49	1	$14,486.85
Guadalupe County						
Cibolo	23	10	$494,688.50	101	8	$238,314.48

Summary of NFIP Policies and Claims by County, Municipality, and Insurance Zone in the Planning Area (As of September 30, 2010)						
Community Name	Insurance Zones A			Insurance Zones B, C, & X		
	Policies in Effect	# of CPL*	$ of CPL*	Policies in Effect	# of CPL*	$ of CPL*
Guadalupe County (includes City of Staples)	1,052	1,199	$62,946,359.81	949	440	$21,885,289.40
Schertz	272	18	$82,149.57	365	29	$913,144.78
Seguin	113	231	$10,578,217.57	167	89	$5,402,088.43
Karnes County						
Falls City	3	2	$35,488.66	3	0	$0
Karnes City	0	0	$0	2	0	$0
Karnes County	5	0	$0	4	1	$131.56
Kenedy	6	3	$10,729.60	6	0	$0
Runge	0	0	$0	0	0	$0
Kerr County						
Ingram	5	0	$0	8	0	$0
Kerr County	183	41	$59,239,538	203	50	$780,795.66
Kerrville	107	25	$338,548.00	177	14	$92,086.86
Medina County						
Castroville	3	1	$90,800.00	73	4	$183,285.56
Devine	26	1	$9,280.52	11	0	$0
Hondo	45	0	$0	20	3	$17,190.13
Medina County	136	44	$1,738,688.02	141	17	$65,516,512
Natalia	0	1	$16,377.22	1	1	$13,295.43
Wilson County						

Summary of NFIP Policies and Claims by County, Municipality, and Insurance Zone in the Planning Area (As of September 30, 2010)						
Community Name	Insurance Zones A			Insurance Zones B, C, & X		
	Policies in Effect	# of CPL*	$ of CPL*	Policies in Effect	# of CPL*	$ of CPL*
Floresville	12	1	$2,222.78	8	1	$34,099.20
LaVernia	21	18	$581,365.77	15	4	$199,099.98
Stockdale	4	2	$41,052.74	3	0	$0
Wilson County	26	9	$338,282.64	89	11	$527,144.52
Source: FEMA Community Information Service (CIS) *Closed Policies						

Table 7.5-5, below, provides details of each participating jurisdiction's FIRM effective dates and date of entry into the National Flood Insurance Program. Unless listed below, all participating jurisdictions are members of the NFIP in good standing, as of the development of this Plan Update. This means that they currently meet all requirements of membership in the NFIP, including adoption and enforcement of a flood damage prevention ordinance. Communities that are not members in good standing are listed below:

- City of Christine – sanctioned since 1976

The San Antonio River Authority is not eligible for membership in the NFIP, and so does not appear in this table.

Finally, some participating jurisdictions have exceeded the basic membership requirements, and are also members of the Community Rating Service (CRS). Those communities are as follows:

- City of Live Oak – CRS Class 7
- Guadalupe County – CRS Class 8

Table 7.5-5
Floodplain Management Program Participation Information for the Planning Area

Jurisdiction	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date	Program Entry Date
Atascosa County	1/17/75	6/15/81	11/04/10	6/15/81
City of Charlotte	8/06/76	8/01/09	11/04/10(L)	8/01/09
City of Jourdanton	8/13/76	7/18/85	11/04/10((M)	7/18/85
City of Lytle	8/02/74	2/02/77	11/04/10	2/02/77
City of Pleasanton	6/21/74	4/01/81	11/04/10	4/01/81
City of Poteet	1/23/74	11/03/89	11/04/10	11/03/89

Jurisdiction	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date	Program Entry Date
Bandera County	6/18/76	11/01/78	2/04/11	11/01/78
City of Bandera	4/12/74	12/01/77	2/04/11	12/01/77
Bexar County	01/31/78	10/16/84	09/29/10	10/16/84
City of Alamo Heights	5/10/74	8/15/78	9/29/10	8/15/78
City of Balcones Heights	8/15/78	4/14/80	9/29/10	4/15/80
City of Converse	2/01/74	6/15/84	9/29/10	6/15/81
City of Helotes	--	2/16/80	9/29/10	10/28/98
City of Kirby	1/18/74	8/15/80	9/29/10	8/15/80
City of Leon Valley	10/12/73	11/15/89	9/29/10	6/01/77
City of Live Oak	5/24/74	2/16/96	9/29/10	5/16/77
City of San Antonio	4/05/74	12/15/83	9/29/10	12/15/83
Saint Hedwig	-	2/16/96	9/2/10	2/5/1997
City of Somerset	8/09/77	2/16/96	9/29/10(M)	2/16/96
City of Terrell Hills	5/17/74	1/16/81	9/29/10	1/16/81
City of Universal City	3/08/74	5/16/77	9/29/10	5/16/77
Von Ormy	-	9/29/10	9/29/10	12/4/09
City of Windcrest	5/17//74	8/15/77	9/29/10	8/15/77
Comal County	--	9/29/86	9/02/09	11/09/73
City of Bulverde	--	7/17/95	9/02/09	3/24/98
City of Garden Ridge	10/25/75	4/30/86	9/02/09	4/30/86
City of New Braunfels	12/02/72	12/02/72	9/02/09	12/01/72
Frio County	--	--	--	9/30/97(E)
City of Dilley	5/10/74	2/01/88	2/0188(L)	2/01/88
City of Pearsall	5/17/74	5/19/81	5/19/81	5/19/81
Gillespie County	5/10/77	5/01/87	10/19/01	5/01/87
City of Fredericksburg	4/12/74	5/19/51	10/19/01	5/19/81
Guadalupe County	1/24/75	3/01/79	11/02/07	3/01/79
City of Cibolo	2/01/74	5/19/81	9/29/10	5/19/81
City of Schertz	3/01/74	9/15/77	9/29/10	9/15/77
City of Seguin	--	6/18/71	11/02/07	6/18/71
Karnes County	6/07/77	4/01/04	10/19/10	4/01/04
City of Karnes City	5/10/74	8/01/86	10/19/10	8/01/86
City of Kenedy	--	6/18/90	10/19/10	6/25/71
City of Runge	4/25/75	12/01/89	10/19/10	12/01/89
City of Falls City	6/28/74	3/04/86	10/19/10	3/04/86
Kerr County	12/13/77	5/01/70	3/03/11	5/01/79
City of Ingram	--	5/01/79	3/03/11	5/01/79
City of Kerrville	6/28/74	9/27/78	3/03/11	9/29/78
Medina County	9/13/77	8/15/80	8/15/80	8/15/80

Jurisdiction	Initial FHBM* Identified	Initial FIRM** Identified	Current Effective Map Date	Program Entry Date
City of Castroville	8/13/76	5/01/79	5/01/79	5/01/79
City of Devine	1/09/74	4/15/77	4/15/77	4/14/77
City of Hondo	9/13/74	12/01/78	12/01/78	12/01/78
City of Natalia	11/05/76	4/15/80	4/15/80	4/15/80
Wilson County	--	3/15/78	11/26/10	3/15/78
City of Floresville	3/08/74	11/16/77	11/26/10	11/16/77
City of La Vernia	8/06/76	5/01/78	11/26/10	5/01/78
City of Stockdale	5/31/74	3/01/78	11/26/10	3/01/78

Source: FEMA Community Status Book Report http://www.fema.gov/cis/TX.pdf
*Flood Hazard Boundary Map
**Flood Insurance Rate Map
(NSFHA) No Special Flood Hazard Area
(L)(M) Minimally Flood Prone
(E) Emergency Program
[1]From the NFIP Community Status Book: "This community was newly incorporated and the corporate limits are not reflected on the Guadalupe County FIRM dated November 2, 2007. The City of Staples has adopted panels 48187C0065F, 48187C0155F and 48187C0160F of the Guadalupe County FIRM dated"

Community Assistance Visits

State and federal floodplain management officials occasionally perform Community Assistance Visits (CAVs). A CAV is performed to review the local floodplain management program and note any deficiencies. AACOG officials sent a letter to FEMA requesting information on CAVs conducted over the past 15 years for the participating jurisdictions. FEMA responded that they could not provide this information because of limited manpower and because community files are purged on a regular basis.

7.6 Summary and Conclusions

The capability of county and local governments in the planning area varies greatly, but a trend toward higher capability overall from the adoption of the original plan is evident. As in the original plan, the counties that responded to the survey tended to score higher than municipalities. The results of the *Local Capability Assessment Survey* also indicate that the municipalities within the Bexar County/San Antonio metropolitan area continue to have higher capability while some of the surrounding counties and municipalities, particularly those in the rural hill country and south of San Antonio continue to possess lesser capabilities. Several smaller jurisdictions scored high on the capability assessment survey, again keeping in line with the previous plan trends, these are suburban communities in the Bexar County and San Antonio metropolitan area. It is likely this is due to both the level of resources at their disposal and their proximity to larger urban areas, where public expectations regarding governmental services tend to be higher than in rural areas.

In the 2005 capability assessment, one of the most significant survey findings was the existence of several planning programs and tools already in use across the planning area. However, many of the processes and tools did not incorporate hazard mitigation practices. For example, planning was, and is, widely applied to response-related activities via the use of emergency operations plans, continuity of operations plans, radiological emergency plans and SARA Title III planning. Since the 2005 plan, it appears there has been some increase in the incorporation and

understanding of mitigation. This is evidenced by the political capabilities section revealing an increase in policies and ordinances, as well as an increase, primarily at the county level, of capability to administer mitigation activities. The continued use of the AACOG Regional Mitigation Action Plan Update will provide the vehicle to continue this process. This will require a continued educational effort to clearly articulate the benefits of participating in and sustaining the mitigation planning process. This is done when actions are clearly tied to existing hazard risk and local capabilities.

Section 8
Mitigation Action Plan

Contents of this Section

8.1 Interim Final Rule Requirement for the Mitigation Action Plan
8.2 Mitigation Goals, Objectives and Actions
- 8.2.1 Guiding Principles
- 8.2.2 Goals and Objectives
- 8.2.3 Relationship to State of Texas Mitigation Plan Goals

8.3 Identification and Analysis of Mitigation Actions
- 8.3.1 Available Mitigation Techniques
- 8.3.2 Participant Mitigation Actions

8.4 Prioritization and Implementation of Mitigation Actions
8.5 Completed Mitigation Actions Since 2005

8.1 Interim Final Rule Requirement for the Mitigation Action Plan

Requirement §201.6(c)(3): *The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, an its ability to expand on and improve these existing tools.*

Requirement §201.6(c)(3)(i): *[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Requirement §201.6(c)(3)(ii): *[The mitigation strategy **shall** include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure. [The mitigation strategy] must also address the jurisdiction's participation in the National Flood Insurance Program (NFIP), and continued compliance with NFIP requirements, as appropriate.*

Requirement: §201.6(c)(3)(iii): *[The mitigation strategy section **shall** include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization **shall** include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*

Requirement §201.6(c)(3)(iv): *For multi-jurisdictional plans, there **must** be identifiable action items specific to the jurisdiction requesting Federal Emergency Management Agency (FEMA) approval or credit of the plan.*

8.2 Mitigation Goals, Objectives, and Actions

This portion of the Plan Update outlines the AACOG region's overall strategy to reduce their communities' vulnerability to the effects of natural hazards. This section has been separated into the following three distinct topics:

- Mitigation Goals and Objectives;
- Identification and Analysis of Mitigation Measures; and
- Mitigation Action Plan.

The Mitigation Objectives were developed to provide participating local governments with a set of measurable, mid-range targets (two to five years). Each objective is numbered (i.e., "1.1"), with the first digit representing the corresponding Community Goal.

The Mitigation Actions are short-term, specific measures to be undertaken by the participating local governments in order to achieve the identified objectives. Most of these actions are also hazard-specific. Each action identifies the objective(s) it is intended to achieve, includes some general background information to justify the proposed action, and provides measures to assure successful and timely implementation.

Each participating local government has developed a Mitigation Action Plan that is specific to that jurisdiction. Texas Division of Emergency Management and Federal Emergency Management Agency regulations require that each jurisdiction participating in the multi-jurisdictional planning process develop identifiable action items specific to that particular jurisdiction.

Also important to note is that each Mitigation Objective and Mitigation Action is designed to be performance-based, making it easier for the participating local governments to measure the Plan's progress over time and during the Plan's future evaluations. It is expected that while the Community Goals may remain the same for an extended period of time, the objectives and actions included in this section will be updated and/or revised through regular enhancements to this Plan.

As a part of the identification of goals, objectives and actions to be included in the Plan Update, the consultants analyzed the goals, objectives and actions presented in the 2005 Plan as they pertained to the hazards, risks and vulnerabilities identified in the Plan Update. These previous goals, objectives and actions were presented to and discussed with the EMC, and were used as a foundation to the development of the goals, objectives and actions presented in the Plan Update, based on the current capability and capacity of the participating jurisdictions.

8.2.1 Guiding Principles

During the first community meetings, five (5) areas of particular concern were identified. The community responses were then grouped into ten (10) broad categories, which all participants agreed should become the guiding principles of the Plan. They are: Communication and Coordination; Financial Resources; Technical Assistance; Training; Planning; Education and Public Participation; Critical Facilities; Infrastructure and Utilities; Weather Warning Systems and Hazard identification Technologies; and Environmental Concerns. These categories were identified in the 2005 Plan, and after discussion among the participants, were incorporated into the Plan Update as still applicable to the planning area.

- **Communication and Coordination**
  Communication was identified as a major concern among almost all workshop participants. Participant concerns centered on the utilization of standardized equipment and radio frequencies during emergency

response missions. With an inability to communicate with each other, emergency responders often duplicate efforts and respond to emergencies in a "haphazard" manner.

- **Financial Resources**
  Many participants indicated that limited financial resources impede their ability to develop comprehensive emergency management programs. In the past, communities have received only minimal financial and technical assistance from federal and state agencies. Some communities even indicated that mitigation opportunities have been lost because they lacked the required twenty-five (25) percent local match for a federal grant.

- **Technical Assistance**
  Workshop participants indicated that they need technical assistance to enhance their administrative capabilities, particularly in the area of grant writing. The inability to develop grants raises a concern about the participating jurisdictions' ability to implement mitigation projects (structural and non-structural). To address this issue, suggestions were made to pool resources for grant applications and work through regional institutions such as the AACOG. A regional approach would allow multiple jurisdictions to benefit and receive financial and technical assistance.

- **Training**
  The development of in-house technical capabilities for emergency response and recovery was mentioned as a major concern. Many communities thought that there should be a two-tier approach to technical assistance programs. The first tier of training would be focused on training full-time employees, while the second tier would focus on volunteer staff. Training programs suggested include: command and control operations, hazardous materials response, administrative training such as grant writing and technical training focused on the use of information technologies such as geographic information systems (GIS).

- **Planning**
  Counties were very vocal about their inability to regulate development. Historically, there have been very few attempts to coordinate planning and development efforts between county and municipal jurisdictions. Suggestions were made to strive in linking municipal planning efforts with countywide development initiatives.

- **Education and Public Participation**
  There was widespread interest in education initiatives as an avenue to increase the public's involvement in hazard mitigation planning. Suggestions included the introduction of public educational campaigns through the media, direct public outreach through community groups, and the introduction of hazard education programs and/or classes in public schools.

- **Critical Facilities**
  Participants raised questions about regional shelter capacity, specifically in terms of knowing whether or not communities had adequate shelters to service populations. Of particular concern are special needs populations such as elderly citizens or individuals with ailments and/or disabilities.

- **Infrastructure and Utilities**
  Workshop participants expressed concern about power outages during severe weather events and subsequent delays in utility restoration. It was suggested that the support of the electric and gas company be harvested for this hazard mitigation initiative. Concerns also centered on the inadequacy of infrastructure to support growing populations, especially surrounding certain municipal jurisdictions.

- **Weather Warning Systems and Hazard Identification Technologies**
  Related to the area of communications discussed previously, there exists a general lack of severe weather warning systems (radar) throughout the region. County and city officials have mentioned that warning

systems and sirens, especially when placed in strategic locations throughout the city, would enhance the capability of emergency management personnel to warn citizens of threatening weather conditions. Interest was also expressed in GIS and other decision support technologies that would allow communities to embark on the process of identifying and mapping high hazard areas.

- **Environmental Concerns**
  Among a wide range of environmental concerns are, at the top of the list, environmental issues related to the increase of subdivision developments and lack of regulatory control. These developments have (arguably) negative impacts on the environment, particularly in the loss of natural habitat and increased surface water run-off during heavy rainfalls. Also of concern is the protection of critical areas, especially those that have a potential to contaminate recharge zones or aquifers.

8.2.2 Goals and Objectives

From these ten (10) guiding principles, the following goals from the 2005 Plan were reviewed and considered. These goals remain the previously identified goals from the 2005 Plan, as the participating jurisdictions and the EMC felt that these goals remained relevant to the planning area.

Goal #1—Increase regional emergency preparedness, response and recovery capability.

- Objective 1.1—Ensure that emergency services organizations are prepared and have the capability to detect and promptly respond to emergency situations.
- Objective 1.2—Maximize intergovernmental coordination on the effective use of emergency response resources during response, including vital communications between multiple agencies in emergency situations.
- Objective 1.3—Ensure that infrastructure, equipment and support systems are maintained and/or upgraded to support emergency services response and recovery operations.

Goal #2—Build capacity for hazard mitigation at the county and municipal level through technical and financial assistance programs.

- Objective 2.1—Promote partnerships between AACOG, counties and municipalities to identify federal and state programs that provide financial assistance to help attract funds for mitigation projects and programs.
- Objective 2.2—Promote partnerships between AACOG, counties and municipalities to identify federal and state programs that provide technical assistance, such as training funds and training services for mitigation projects and programs.
- Objective 2.3—Maximize the use of available hazard mitigation grant programs to protect vulnerable populations and structures in participating jurisdictions.

Goal #3—Reduce the impact of natural disasters on populations and private property.

- Objective 3.1—Promote partnerships between AACOG, counties and municipalities to encourage and facilitate coordination of planning and development initiatives, particularly on developments of regional impact.

- Objective 3.2—Increase the county and municipal control over development, especially in high hazard areas.
- Objective 3.3—Implement programs that seek to remove residential structures from high hazard areas.
- Objective 3.4—Develop adequate and consistent development review boards to provide enforcement of ordinances and codes within and between jurisdictions to ensure that all new construction is completed using hazard resistant design techniques.
- Objective 3.5—Implement natural resource protection projects that, in addition to minimizing hazard losses, also preserve, restore or otherwise benefit and/or properly manage the functions of natural systems.
- Objective 3.6—Implement projects that involve the construction of structures designed to reduce the impact of a hazard, such as dams, levees, floodwalls, retaining walls, safe rooms, etc., or such structural modifications as the elevation or relocation of bridges, the anchoring of manufactured housing, or a retrofit of an existing building.

Goal #4—Identify, introduce, and implement programs designed to raise awareness of and acceptance of the principles of hazard mitigation.

- Objective 4.1—Develop outreach programs focused on increasing public education to increase awareness of hazards and their associated risks.
- Objective 4.2—Promote partnerships between AACOG, counties and municipalities to continue to develop a regional approach to identifying and implementing mitigation actions.
- Objective 4.3—Promote partnerships between AACOG, counties and municipalities to monitor and publicize the effectiveness of mitigation initiatives implemented in the community.
- Objective 4.4—Develop outreach programs focused on increasing participation in mitigation programs by business, industry, institutions and community groups.

Goal #5—Reduce the potential impact of natural disasters on critical facilities and infrastructure.

- Objective 5.1—Reduce the vulnerability of critical facilities (schools, shelters, police, fire stations, and other institutions) that are important to the community.
- Objective 5.2—Reduce the vulnerability of buildings and facilities used for routine government operations.
- Objective 5.3—Reduce the vulnerability of public and private medical and health care facilities in the community.
- Objective 5.4—Reduce the vulnerability of lifelines (transportation facilities and systems, water and sewer systems, telecommunication systems and facilities) serving the community.
- Objective 5.5—Ensure that critical facilities and lifelines will be constructed and/or retrofitted to minimize the potential for disruption during a disaster.
- Objective 5.6—Local governments will strive to involve the private sector, especially utility companies, in participating in hazard mitigation planning efforts.

Goal #6—Increase regional capabilities to mitigate the effects of natural hazards.

- Objective 6.1—Enhance the local governments' capability to conduct hazard risk assessments, demonstrate funding needs, and track mitigation activities.
- Objective 6.2—Enhance the local governments' ability to notify the public at risk and provide emergency instruction during a disaster.
- Objective 6.3—Address data limitations needed for hazard identification and risk assessment (definition of hazards, identification of hazard areas, and vulnerabilities).
- Objective 6.4—Promote natural hazard studies and the development of data to support mitigation strategies for those hazards that are a threat throughout the region.

8.2.3 State of Texas Mitigation Plan Goals

The goals and objectives of this Plan reflect similar goals to those found in the State of Texas Mitigation Plan and those of the National Flood Insurance Program. This similarity is not intentional, due to the fact that neither of those sets of goals was presented to members of the Regional Hazard Mitigation Team prior to their independent determinations. This approach was purposeful in fostering an environment that did not manipulate the goal-making process in any particular direction based on preceding determinations. It is, however understandable that the goals established through these three separate efforts are similar because of the similar purposes of the NFIP, the State of Texas Mitigation Plan, and the AACOG Regional Mitigation Action Plan.

Mitigation Goals from the State of Texas Mitigation Plan:

- Reduce or eliminate hazardous conditions that cause loss of life;
- Reduce or eliminate hazardous conditions which inflict injuries;
- Reduce or eliminate hazardous conditions which cause property damage; and
- Reduce or eliminate hazardous conditions which degrade important natural resources.

8.3 IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

In formulating this Mitigation Strategy, a wide range of activities were considered in order to help achieve the goals of the community and to lessen the vulnerability of the AACOG area to the effects of natural hazards. In general, all of these activities fall into one of the following broad categories of mitigation techniques.

8.3.1 Available Mitigation Techniques

1. **Prevention**
   Preventative activities are intended to keep hazard problems from getting worse. They are particularly effective in reducing a community's future vulnerability, especially in areas where development has not occurred or capital improvements have not been substantial. Examples of preventative activities include:
   - Planning and zoning;
   - Open space preservation;
   - Floodplain regulations;

- Storm water management;
- Drainage system maintenance;
- Capital improvements programming; and
- Shoreline/riverine/fault zone setbacks.

2. Property Protection

Property protection measures protect existing structures by modifying the building to withstand hazardous events, or removing structures from hazardous locations. Examples include:

- Acquisition;
- Relocation;
- Building elevation;
- Critical facilities protection;
- Retrofitting (i.e., windproofing, floodproofing, seismic design standards, etc.);
- Insurance; and
- Safe rooms.

3. Natural Resource Protection

Natural resource protection activities reduce the impact of natural hazards by preserving or restoring natural areas and their mitigative functions. Such areas include floodplains, wetlands and dunes. Parks, recreation or conservation agencies and organizations often implement these measures. Examples include:

- Floodplain protection;
- Beach and dune preservation;
- Riparian buffers;
- Fire resistant landscaping;
- Fuel breaks;
- Erosion and sediment control;
- Wetland preservation and restoration;
- Habitat preservation; and
- Slope stabilization.

4. Structural Projects

Structural mitigation projects are intended to lessen the impact of a hazard by modifying the environmental natural progression of the hazard event. They are usually designed by engineers and managed or maintained by public works staff. Examples include:

- Reservoirs;
- Levees/dikes/floodwalls/seawalls;
- Diversions/Detention/Retention;
- Channel modification;
- Beach nourishment; and

- Storm sewers.

5. **Emergency Services**
   Although not typically considered a "mitigation technique," emergency service measures do minimize the impact of a hazard event on people and property. These commonly are actions taken immediately prior to, during, or in response to a hazard event. Examples include:
   - Warning systems;
   - Evacuation planning and management;
   - Sandbagging for flood protection; and
   - Installing shutters for wind protection.

6. **Public Information and Awareness**
   Public Information and awareness activities are used to advise residents, business owners, potential property buyers, and visitors about hazards, hazardous areas, and mitigation techniques they can use to protect themselves and their property. Examples of measures to educate and inform the public include:
   - Outreach projects;
   - Speaker series/demonstration events;
   - Hazard map information;
   - Real estate disclosure;
   - Library materials;
   - School children education; and
   - Hazard expositions.

8.3.2 Participant Mitigation Actions

The mitigation actions proposed for the participants to undertake are listed on following pages. Each county and the municipalities within that county is listed in a separate table. Each action has been designed to achieve the goals and objectives identified through this Mitigation Action Plan.

Each action should be considered to be a separate project/program. By identifying project/program requirements, the AACOG Mitigation Action Plan will help lay the framework for participating communities to engage in distinct actions that will reduce their vulnerability and risk.

Again, it is important to note that these mitigation actions are specific measures to be undertaken by the city or county. It is expected that this component of the Plan will be the most dynamic as it will be used as the primary indicator to measure the Plan's progress over time and will be routinely updated and/or revised as it is implemented and incorporated by the jurisdictions.

In some cases, no update was provided or available for actions described in the 2005 plan. In many cases, this is because there have been significant staff changes within the participating jurisdictions, and the projects listed in the 2005 plan were unfamiliar to the new staff, or were no longer a priority for the current administration. In those instances, they are noted as removed from this Plan Update. The following tables provide both a status update for actions contained in the 2005 Plan, and details for actions that are new to this Plan Update. Where applicable, those actions that are intended to aid the community with continued NFIP compliance are indicated.

Table 8.3.2-1
Atascosa County and Municipalities Mitigation Action Plan

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Atascosa County (county-wide)									
Atascosa 1 Improve existing culverts and install new culverts within county roads as needed to reduce flooding county-wide NFIP Compliance	Flooding	Existing	Existing	Ongoing as funding is available	Atascosa County Emergency Management	2011 – 2016 Within 12 months of approval / funding	$250,000	Mitigation grant funding from DR 1435 and external sources	High
Atascosa 2 Implement an early warning siren system for rural (unincorporated) areas of the county.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, hail, winter storms	Existing	New	Deferred pending funding	Atascosa County Emergency Management	2011 - 2016	$100,000	External Sources, Texas Rural Communities , Inc.	High
Atascosa 3 Enhancement interoperability communications county-wide, consisting of adding more frequencies and digital communications.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Deferred pending funding	Atascosa County Emergency Management	2011 - 2016	$50,000	Grants (FEMA—All Hazards Emergency Operational Planning, FEMA-Assistance to Firefighters Grant, FEMA—Emergency Operations Center Funding, FEMA Emergency Management Performance Grant)	Moderate

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Atascosa 4 Provide weather radios for all critical facilities county-wide.	Flooding, tornados, thunderstorms, hurricane	Existing	New Existing	Deferred pending funding	Atascosa County Emergency Management	2011 - 2016	$15,000	Grants (FEMA - Assistance to Firefighters Grant, Hazard Mitigation Program, Pre-Disaster Mitigation Program)	Moderate
Atascosa 5 Improve water supply reservoirs and increase water well storage county-wide.	Drought	New	NA	Underway	Public Works	2011 – 2016	$500,000	General revenue	Medium
Atascosa 6 Improve emergency operations equipment and training for responding, recording and monitoring disasters county-wide.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New Existing	Ongoing as funding becomes available	Atascosa County Emergency Management	2011 - 2016	$100,000	Grants (Department of Homeland Security - State and Local Domestic Preparedness Exercise and Support, FEMA—All-Hazards Emergency Operational Planning)	High

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Atascosa 6 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Atascosa County Emergency Management	2011 – 2016	NA	NA	Medium
Atascosa 7 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Atascosa County Emergency Management	2011 – 2016	NA	NA	Medium
Atascosa 8 Enforcement of flood damage prevention ordinance NFIP Compliance	Flooding	New	New Existing	Ongoing as funding is available	Atascosa County Emergency Management	2011 – 2016	$50,000	County	High
City of Charlotte									
Charlotte 1 Improve drainage in certain areas of city that are subject to flooding. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred due to funding	Public Works	2011 – 2016	$50,000	General revenue	Moderate

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Charlotte 2 Drill additional well to increase supply and storage tank—install larger wells to accommodate growth and fire protection.	Drought, fire	Existing	New Existing	Deferred due to funding	Public Works	2011 – 2016	$700,000	General revenue/External sources (EPA—Drinking Water State Revolving Fund)	Medium
Charlotte 3 Replace 1977 engine now in service	Fire	New	Existing	NA	Fire Department	2011 - 2016	$300,000	General	High
Charlotte 4 Enforcement of flood damage prevention ordinance NFIP Compliance	Flooding	New	New Existing	Ongoing	Public Works	2011 – 2016	$50,000	General revenue	Moderate
City of Christine									
Christine 1 Install early warning system.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, hail, winter storms	Existing	NA	Deferred due to funding	Public Works	2011 – 2016	$15,000	General revenue / External sources (Texas Rural Communities, Inc., FEMA—Emergency Management Performance Grants)	High

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Christine 2 Improve drainage in certain areas of city that are subject to flooding.	Flood	Existing	New Existing	Deferred pending funding	Public Works	2011 – 2016	$25,000	General revenue / External sources (Texas Water Development Board, future Hazard Mitigation Grant Program or Public Assistance funds)	Medium
Christine 3 Drill new water well	Drought	New	NA	NA	Public Works	2011 - 2016	$300,000	General or grant	Medium
City of Jourdanton									
Jourdanton 1 Add adequate drainage systems at Willow and Maple Street. *Continued NFIP Compliance*	Flood	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$75,000	Grants (Texas Water Development Board, USDA Rural Development Assistance)	High
Jourdanton 2 Implement an early warning system.	Flood	Existing	NA	Underway	Public Works	2011 – 2016	$25,000	Grants (FEMA—Assistance to Firefighters Grants, FEMA—Emergency Management Performance Grant)	Medium

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Jourdanton 3 Improve water supply reservoirs and increase water well storage.	Drought	New	NA		Public Works	2011 – 2016	$500,000	General revenue	Medium
Jourdanton 4 Replace sewer lines in areas of city to aid in public health and safety	Pandemic	New	Existing		Public Works	2011 - 2016	$500,000	General of Grants	Medium
Jourdanton 5 Enforcement of flood damage prevention ordinance NFIP Compliance	Flood	New	New Existing	Ongoing	Code Enforcement	2011-2016	$50,000	General revenue	Medium
City of Lytle									
Lytle 1 Replace or improve inoperable communication equipment.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Underway	Police Department	2011 – 2016	$100,000	General revenue	Medium
Lytle 2 Develop or purchase water supply reservoirs and increase water well storage.	Drought	Existing	NA	Underway	Public Works	2011 – 2016	$500,000	General revenue	Medium

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Lytle 3 Improve or install additional area early warning siren system.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, hail, winter storms	Existing	New Existing	Deferred pending funding	Public Works	2011 - 2016	$30,000	General revenue	Medium
Lytle 4 Identification of areas prone to flooding, for development of drainage or other projects to address flooding issues NFIP Compliance	Flooding	New	New Existing	Ongoing	Public Works	2011-2016	$10,000	General revenue	Medium
Lytle 5 Community assistance and monitoring activities in support and compliance with NFIP regulations NFIP Compliance	Flooding	New	New Existing	Ongoing	Code Enforcement	2011-2016	$30,000	General revenue	Medium
City of Pleasanton									
Pleasanton 1 Prevent water shortage during times of excess heat (revision of previous Action #1)	Drought, fire	Existing	New Existing	Deferred pending funding	Public Works	2011 – 2016	$500,000	General Revenue	High

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Pleasanton 2 Improve evacuation/response time in emergencies	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	NA	Complete	Public Works	2011 - 2016	$50,000	Grants (FEMA—Assistance to Firefighters Grant, FEMA—Emergency Management Performance Grant)	Medium
Pleasanton 3 Reduce flooding and poor drainage at Pulliam Street and Odelley Street, by increasing capacity or increasing maintenance of existing storm water system *Continued NFIP Compliance*	Flood	New	New Existing	Deferred pending funding	Public Works	2011 – 2016	$50,000	Grant (Texas Water Development Board, future Hazard Mitigation Grant Program, Public Assistance and/or Pre-Disaster Mitigation funds)	Medium

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Pleasanton 4 Land use/code enforcement (Revision to previous #5), including enforcement of flood damage prevention ordinance NFIP Compliance	Flood	Existing	New Existing	Underway	Public Works	2011 – 2016	No cost	None needed	Medium
Pleasanton 5 Improve water supplies to certain areas of the city, by installation of additional water well	Drought, fire	New	New Existing	Pending funding	Public works	2011 - 2016	$100,000	General Revenue	Medium
City of Poteet									
Poteet 1 Drill new water well and install new overhead storage to increase water supply.	Drought, wildfire	Existing	New Existing	Deferred pending funding	Public Works	2011 – 2016	$500,000	External sources (EPA—Drinking Water State Revolving Fund)	High/Medium
Poteet 2 Install warning siren system.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, hail, winter storms	Existing	New Existing	Deferred pending funding	Fire Department	2011 – 2016	$30,000	General revenue	High

Atascosa County and Municipalities Mitigation Action Plans									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Poteet 3 Improve or replace inoperable communications in city departments and outside agencies.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New Existing	In progress	Public Works	2011 – 2016	$50,000	General revenue/External sources (FEMA—Assistance to Firefighters Grant, FEMA—Emergency Management Performance Grant)	Medium
Poteet 4 Replace old and too small water lines	Drought, Fire, Pandemic	New	Existing	Pending funding	Public works	2011 - 2016	$200,000	General or grants	Medium
Poteet 5 Enforcement of flood damage prevention ordinance NFIP Compliance	Flooding	New	New Existing	Ongoing	Code Enforcement	2011-2016	$30,000	General revenue	Medium
Poteet 6 Community assistance and monitoring activities in support and compliance with NFIP regulations NFIP Compliance	Flooding	New	New Existing	Ongoing	Code Enforcement	2011-2016	$30,000	General revenue	Medium

Table 8.3.2-2
Bandera County and Municipality Mitigation Action Plan

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bandera County and City of Bandera (county-wide)									
Bandera 1 Elevate or floodproof control room at city sewer treatment plant, to protect wastewater processing county-wide. *Continued NFIP Compliance*	Flooding	Existing	Existing	Underway	Water/Wastewater or Public Works	2011 - 2016	$500,000	Grants (FEMA—Hazard Mitigation Grant Program, Pre-Disaster Mitigation and 406 Mitigation funding)	High
Bandera 2 Research and implement an interoperable emergency communications system for all identified users.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Underway	Communications Committee	2011 - 2016	$250,000	Grants/federal funds (FEMA – Firefighters Assistance Grants, Emergency Management Performance Grants)	High

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bandera 3 Enforce existing development and fire codes as related to Public Buildings and upgrading County Facilities; Adopt codes to control location of development, especially in high flood hazard areas (modification to Action 12) *Continued NFIP Compliance*	Flooding WildFire	Existing	Existing	Underway	Permits & Inspections	2011 - 2016 Note: The County has no ordinance making power only by Court Order. Floodplain management in place, development permits, elevation certificates and/or surveys required	None	None needed	High
Bandera 4 Research and implement quick-connect emergency generator hook-ups for critical facilities county-wide.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Underway	EOC	2011 - 2016 Note: Most critical facilities have generators, the one from the old EOC is in the process of being moved to the Civil Defense Tower	$100,000	Grants (FEMA – Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program)	Medium

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bandera 5 Develop a Hazard Awareness Week for implementation county-wide in local schools, linked to the National Weather Service education program, including a library section on preparedness and information on County's website with links to preparedness programs. Publish, distribute and disseminate hazard information brochures.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Underway	EOC/School District Superintendent	2011 – 2016	$10,000	Private funding (i.e., Electric Cooperative) – Texas DEM and FEMA have disaster publications available at no charge	Low
Bandera 6 Develop criteria for emergency shelters by gender, age, medical need(s), etc.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Underway	EOC/Health Department	2011 - 2016	$50,000	State and federal funding	Low

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bandera 7 Develop a formal inter-jurisdictional mutual aid agreement between county jurisdictions. Build partnerships with neighboring jurisdictions for state and federal emergency management training and technical assistance programs.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Underway	EOC	2011 - 2016 Note: Some mutual aid agreements already exist. Make up binders with copies of all agreements in place for each department. Within three (3) years	None other than staff time	Grants if needed	Medium
Bandera 8 Evaluate and upgrade equipment to increase county-wide capabilities of all emergency responders to all hazards.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred pending funding	EOC	2011 – 2016	$100,000	Grants (FEMA—Assistance to Firefighters Grant, FEMA—Emergency Management Performance Grants, All-Hazards Emergency Management Operational Planning)	Moderate

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bandera 9 Establish, maintain and publicize a library section on hazard mitigation and awareness, for use by residents county-wide.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Ongoing	School District Superintendent	2011 – 2016	$10,000	Private funding, grants	Low
Bandera 10 Publish, distribute and disseminate (county-wide) hazard information brochures	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Ongoing	Electric Cooperative	2011 – 2016	$10,000	Private funding, grants	Low

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bandera 11 Implement Community Emergency Response Teams (CERTs) Response Teams (CERTs) within county and in all communities.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing		Complete and Ongoing	Emergency Operations Center (EOC) and AACOG	2011 – 2016 Note: Initial train-the-trainer course has been completed	$500,000	State and Federal Funds (FEMA)	High
Bandera 12 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Bandera County Emergency Management	2011 – 2016	NA	NA	Medium
Bandera 13 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Bandera County Emergency Management	2011 – 2016	NA	NA	Medium

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
2005 Projects that will not be included in the Plan Update:									
Develop a formal inter-jurisdictional mutual aid agreement between county jurisdictions	All Hazards	Existing	NA	**Removed - Unknown as to what was the intent of the mutual aid agreements**	EOC	Within 3 years	Minimal	Grants if needed	High
Improve local government capability for risk assessment and funding of hazard mitigation activities.	All Hazards	Existing	NA	**Removed – Unknown as to what the intent of the project was**	Emergency Management Coordinator	2003	$25,00	General Funds / Grants (FEMA - Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program)	High
Conduct a needs assessment among emergency response agencies.	All Hazards	Existing	NA	**Removed – Unknown as to what the intent of the project was**	Emergency Management Coordinator	2004	$25,00	General Funds / Grants (FEMA - Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program)	Medium

Bandera County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Develop training exercises to facilitate damage assessments in post-disaster environments for multiple hazards.	All Hazards	Existing	NA	**Removed – Unknown as to what the intent of the project was**	Emergency Management Coordinator	2005	$50,00	General Funds / Grants (FEMA - Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program)	Medium
Increase administrative capability for grant writing and locating funding sources for improving emergency services.	All Hazards	Existing	NA	**Removed – Some portion completed but action will not be carried over**	Emergency Management Coordinator / Public Works	2005	None	FEMA, State	Medium
Adopt ordinance(s)/code(s) to control location of development, especially in high flood hazard areas.	All Hazards	Existing	NA	**Removed – County has no ordinance power.**	Public Works	2005	None	None	Medium
In a post-disaster environment, inspect Bandera County River (Spring Hills) for flood-related issues (in conjunction with SARA Program)	All Hazards	Existing	Existing	**Removed – Unclear as to intent of project**	EOC	Incident-determined	Administrative only	Grants / AACOG	Medium

Table 8.3.2-3
Bexar County and Municipalities Mitigation Action Plan

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bexar County (county-wide)									
Note: Bexar County opted to provide project information by project type/facility in this Plan Update, rather than by specific location, as was done in the 2005 Plan. It was determined that this presentation was a more efficient method, and a better use of resources.									
Bexar 1 Continue county-wide Public Education / Outreach and Citizen Preparedness programs to educate the Public Regarding Hazards and Preparatory Actions through the Citizen/CERT Program.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	N/A	On-going	Bexar County Office of Emergency Management	2011-2016	$75,000/Year	Homeland Security Grant Program (HSGP) grants, General Fund	Moderate
Bexar 2 Implement public education and outreach of Flood Control Program and Projects	Flooding, dam / levee failure	Existing	N/A	On-going	Flood Control Division	2007-2017	$250,000 / Year	Flood Tax, General fund, In-kind, FEMA	Low
Bexar 3 Maintenance of Flood Control Infrastructure *Continued NFIP Compliance*	Flooding	Existing	Existing and New	On-going	Public Works Division	2007-2017	$250,000 / Year	Flood Tax, General fund, In-kind, FEMA	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bexar 4 New Flood Control Infrastructure -Drainage Improvements *Continued NFIP Compliance*	Flooding	Existing	Existing and New	On-going as long as funding is available	Flood Control Division	2007-2017	$161,010,748	Flood Tax, General fund, In-kind, FEMA	High
Bexar 5 New Flood Control Infrastructure - Bridges/Culverts *Continued NFIP Compliance*	Flooding	Existing	Existing and New	On-going as long as funding is available	Flood Control Division	2007-2017	$165,326,686	Flood Tax, General fund, In-kind, FEMA	High
Bexar 6 New Flood Control Infrastructure -Channel Improvements *Continued NFIP Compliance*	Flooding	Existing	Existing and New	On-going as long as funding is available	Flood Control Division	2007-2017	$ 75,451,088	Flood Tax, General fund, In-kind, FEMA	High
Bexar 7 New Flood Control Infrastructure -Dam Rehabilitation *Continued NFIP Compliance*	Dam / levee Failure	Existing	Existing	On-going as long as funding is available	Flood Control Division	2007-2017	$ 10,574,009	Flood Tax, General fund, In-kind, FEMA	High
Bexar 8 New Flood Control Infrastructure –Detention *Continued NFIP Compliance*	Flooding	Existing	Existing and New	On-going as long as funding is available	Flood Control Division	2007-2017	$112,979,661	Flood Tax, General fund, In-kind, FEMA	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bexar 9 New Flood Control Infrastructure -High Water Detection System *Continued NFIP Compliance*	Flooding	Existing	Existing and New	On-going as long as funding is available	Flood Control Division	2007-2012	$ 827,646	Flood Tax, General fund, In-kind, FEMA	High
Bexar 10 Flood Control-Right-of-way Acquisition *Continued NFIP Compliance*	Flooding	Existing	Existing	On-going and New Action	Flood Control Division	2007-2012	$ 33,000,000	Flood Tax, General fund, In-kind, FEMA	High
Bexar 11 Repetitive Loss Properties - Offer relocation/mitigation incentives to current flood hazard residences and businesses; develop a community program to acquire repetitive loss structures identified by FEMA. *Continued NFIP Compliance*	Flooding	New	Existing	New Action	Public Works and Office of Emergency Management	2011-2016	$70,000+ per property	FEMA,HMGP, PDM, FMA, RFC and SRL, and Homeowner	High
Bexar 12 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Bexar County Emergency Management	2011 – 2016	NA	NA	Medium

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bexar 13 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquake	New	NA	New	Bexar County Emergency Management	2011 – 2016	NA	NA	Medium
City of Alamo Heights									
Alamo Heights 1 Upgrade radio communications system for P25 compliance in Police and Fire (revision to Action 3)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Partially complete; Deferred pending funding	Police and Fire	2011 – 2016, with target completion of FY 2014-15	$240,000	Bonds and grants	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Alamo Heights 2 Integration of the fire station and EOC	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	Pending funding	Fire and Public Works	2011 – 2016, with target completion of FY 2014-15	Unknown	Bonds and grants	High
Alamo Heights 3 Paint street addresses for all properties on the curb to ensure consistency and to promote effective emergency responsiveness	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New and Existing	Pending funding	Police and Fire	2011 – 2016, with target completion of FY 2012-13	$10,000	General revenue / Grants	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Alamo Heights 4 Continue to educate the public on responding to and mitigating the effects of hazards (revision to Action 6)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New and Existing	Ongoing pending funding	Administration	2011 - 2016	$2,000	General revenue / Grants	Medium
Alamo Heights 5 Improve flood gates at Lahara and Corona NFIP Compliance	Flooding	New	Existing	Pending funding	Public Works	2011 – 2016	$10,000	General revenue / Grants	Medium
Alamo Heights 6 Continue to address flooding at various points throughout City (revision to Actions 2, 4, 7, 9), through the use of flood control devices or projects, such as culverts, detention/retention ponds, or drainage projects *Continued NFIP Compliance*	Flooding	Existing	Existing	In progress as funds available	Public Works	2011 – 2016	Various	General revenue / Grants	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
2005 Projects that will not be included in the Plan Update:									
Install transfer switches and additional electrical components at well sties for use by emergency generators during power outages.	All Hazards	Existing		**Removed – Project no longer a mitigation priority for the City**	Public Works	2003 – 2005	$130,000	General funds, grants	High
Inspect, repair and reconstruct sewer outfall mains in the south and west areas of the city that are affected by heavy rainfall	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2003 – 2005	$200,000	Utility funds, grants	Medium
Contract to trim and remove tree limbs over curbs and easements hanging lower than 13'6" at curb / right-of-way line (fallen limbs and trees obstruct emergency response vehicles and personnel accessing areas hit by severe weather)	Tornadoes, Tropical Systems / Hurricanes, Thunderstorms, Winter Storms	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004 – 2005	$200,000	General revenues and grants	Medium
Purchase and install signs and devices to provide drivers advance warning of hazardous conditions and road closures	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004 – 2005	$30,000	General revenue	Medium
Purchase and install transfer switches and other components to operate generators for traffic lights in the event of a power outage	Flooding, Tornadoes, Hurricanes, Thunderstorms	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004 – 2005	$25,000	General revenue	Medium

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Balcones Heights									
Balcones Heights 1 Community Safe Room	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, , energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Unfunded	Office of Emergency Management	2011 - 2016	$750,000	HMGP/PDM	Moderate
Balcones Heights 2 Interpretable Radio Communications	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	N/A	Unfunded	Fire/Police Departments	2011 - 2016	$300,000	HMGP/PDM or General Fund	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Balcones Heights 3 Inspect, repair and reconstruct storm sewer outfall mains in the South and West areas of the city that are affected by heavy rainfall NFIP Compliance	Flash flooding	Existing	N/A	Unfunded	Public Works	2011 - 2016	$150,000	HMGP/PDM/ FMA/RFC/S RL or City Utility Fund	Moderate
Balcones Heights 4 Public Education and Outreach , including NFIP community assistance, education and monitoring NFIP Compliance	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes,. sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	N/A	On Going	Office of Emergency Management	2011 - 2016	$2,000	General Fund	Low
2005 Projects that will not be included in the Plan Update:									
Contract to trim and remove tree limbs over curbs and easements hanging lower than 13'6" at curb / right-of-way line	Tornadoes, Thunderstorms, Winter Storms	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004 – 2005	$200,000	General revenues and grants	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Increase drainage capacity at Balcones and 616 Arm – Also pleasant drainage ditch and all streets involves	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004 – 2005	$150,000	General Revenue and external sources	High
Purchase and install signs and devices to provide drivers advance warning of hazardous conditions and road closures	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004 – 2005	$30,000	General revenue	Medium

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Converse									
Converse 1 Revitalize existing channel of Saltrillo Creek From FM 78 to FM 1516, to allow for greater flow and therefore greater capacity for flood control *Continued NFIP Compliance*	Down Stream Flooding	Existing	N/A	In Progress	City of Converse Street Department	2011 – 2016, with targeted completion of 2012	$20,000.00	General Revenue	Moderate
Converse 2 Public Education and Outreach. Public Education about Natural Hazards, Fire Prevention, CPR and First Aid, including NFIP community assistance, education and monitoring NFIP Compliance	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	N/A	In Progress	City of Converse Fire Department	2011 - 2016	$5,000.00	General Revenue	Low
City of Helotes									

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Helotes 1 Public Education and Outreach – Implement public education and outreach programs to educate citizens about Wildland Urban Interface Fire Risk; seek partnership with Texas Forest Service	Wildfire	New	New and Existing	Pending funding	Fire Department / Office of Emergency Management	2011 – 2016	$60,000	FEMA HMGP, General Fund, In-kind, Homeowner	High
Helotes 2 New Flood Control Infrastructure – Design and building bridge structure, establish egress to subdivision during flooding conditions *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	Public Works, Office of Emergency Management	2011 – 2016	$2 Million	FEMA HMGP, PDM	Moderate
Helotes 3 New Flood Control Infrastructure – Resize culverts, install drainage pipes (revision to Actions 1 - 13) *Continued NFIP Compliance*	Flooding (Flash and Riverine)	Existing	Existing	Ongoing as funding becomes available	Public Works	2011-2016	$2 Million	FEMA HMGP, PDM	Moderate
Helotes 4 New Flood Control Infrastructure – Install culvert boxes (revision to Actions 1 - 13) *Continued NFIP Compliance*	Flooding (Flash and Riverine)	Existing	Existing	Ongoing as funding becomes available	Public Works	2011-2016	$4.2 Million	FEMA HMGP, PDM	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Kirby									
Kirby 5 Maintain tree-trimming program to prevent power loss and downed power lines	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms	Existing	New and Existing	Ongoing	Public Works	2011 – 2016 (Quarterly activity)	Various	General Funds	High
Kirby 6 To update and repair existing bridges and flood control channels, in conjunction with Bexar County *Continued NFIP Compliance*	Flooding	New	New and Existing	Pending funding	Public Works	2011 – 2016	Unknown at this time	Grant funds, shared with Bexar County	High
Kirby 7 Public education and outreach regarding emergency management and hazard mitigation, including the National Flood Insurance Program *Continued NFIP Compliance*	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	NA	Pending funding	Office of Emergency Management	2011 – 2016	Unknown at this time	General Funds	High

Bexar County and Municipalities Mitigation Action Plan									
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City of Leon Valley									
Leon Valley 1 Install culvert and downstream channel from Aids Drive to Huebner Creek to prevent flooding, and to improve traffic safety during a flood event. (revision to Action 6) *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016, with targeted completion of 2015	$500,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	High
Leon Valley 2 Install culvert and downstream channel from Grasshill road to Aids Drive to prevent flooding and to improve traffic safety during a flood event. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016, with targeted completion of 2015	$500,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	High

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Leon Valley 3 Improve Huebner Creek between Evers Rd. and Bandera Rd. to minimize flooding at Evers Rd. and along Poss Rd. (revision to Action 1) *Continued NFIP Compliance*	Flooding	New	Existing	Deferred pending funding	Public Works	2011 – 2016, with targeted completion of 2015	$2,500,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	High
Leon Valley 4 Re-locate the EOC, Fire and Police Departments out of the Flood Plain and other hazard areas.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	Deferred pending funding	Police / Fire Departments	2011 – 2016, with targeted completion of 2015	$10,000,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	High
Leon Valley 5 Install Community Warning Devices and update automated floodwater detection equipment. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Police / Fire Departments	2011 – 2016, with targeted completion of 2015	$1,000,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Leon Valley 6 Improve Zarzamora Creek down stream from area southwest of Wurzbach through end of city limits. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016, with targeted completion of 2015	$1,000,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	Medium
Leon Valley 7 Install fire resistive fence to protect residences located on property that borders the designated natural area near Rimkus Park.	Wildland Fire	New	Existing	Deferred pending funding	Fire / Public Works	2011 – 2016, with targeted completion of 2015	$1,200,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	Medium
Leon Valley 8 Dry Flood proof City Hall and other Government Buildings *Continued NFIP Compliance*	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, winter storms	New	Existing		Public Works	2011 – 2016, with targeted completion of 2015	$1,500,000	Bonds and grants (Future FEMA – HMGP and/or Public Assistance funds)	Medium
Leon Valley 9 Improve the Huebner Creek channel above Evers Road to reduce flooding in the Canterfield area *Continued NFIP Compliance*	Flooding, dam / levee failure, TS / hurricane, thunderstorm, winter storms	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016, with targeted completion of 2015	$2,000,000	Bonds and grants (USACE, FEMA – HMGP and/or Public Assistance funds, TWDB)	Medium

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Leon Valley 10 Construct community saferooms for use by the public before and after disasters.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	Public Works	2011 – 2016, with targeted completion of 2015	$1,500,000	Bonds and grants (USACE, FEMA – HMGP and/or Public Assistance funds, TWDB)	Low
Leon Valley 11 Hardening of critical facilities (City Hall Complex) Implement counter terrorism measures.	Terrorism	New	Existing	Deferred pending funding	Public Works / Police Department	2011 – 2018, with targeted completion of 2018	$2,000,000	Bonds and grants (USACE, FEMA – HMGP and/or Public Assistance funds, TWDB)	Low
2005 Projects that will not be included in the Plan Update:									
Reconstruct bridge at 6400 Evers Road	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2010	$1,000,000	Grants and general revenue	Low

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Live Oak									
Live Oak 1 Implement a hazard awareness and public education program, to include education, assistance and monitoring for NFIP compliance NFIP Compliance	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Ongoing	Office of Emergency Management	2011 - 2016	$5,000	General revenue	High
Live Oak 2 Maintain and exercise community early warning system (Reverse 911); implement emergency power or other emergency utility needs for emergency operations and other critical facilities (such as police department) and critical equipment	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Ongoing	Police Department and Office of Emergency Management	2011 - 2016	$10,000	General revenue, Bexar Metro 911	High

Bexar County and Municipalities Mitigation Action Plan									
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Live Oak 3 Work with county, neighboring communities and local businesses to identify regional mitigation projects, and to develop capability and capacity to implement mitigation projects	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	Office of Emergency Management	2011 – 2016	$0	NA	High
Live Oak 4 Identification of areas prone to flooding, for development of drainage or other projects to address flooding issues NFIP Compliance	Flooding	New	New Existing	Ongoing	Public Works	2011-2015	$10,000	General revenue	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Saint Hedwig									
Saint Hedwig 1 Public education and outreach, to include NFIP education, assistance and monitoring NFIP Compliance	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New and Existing	Pending funding	City Council	2011 – 2016	$500	Grants, General Revenue	High
Saint Hedwig 2 Build partnerships with neighboring communities and local businesses to develop capability and capacity to implement mitigation projects	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New and Existing	Pending funding	City Council	2011 – 2016	$0	NA	High

Bexar County and Municipalities Mitigation Action Plan									
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Saint Hedwig 3 Enforcement of flood damage prevention ordinance NFIP Compliance	Flooding	New	New Existing	Ongoing	Code Enforcement	2011-2016	$20,000	General Revenue	High
City of San Antonio									
Note: The City of San Antonio provided information regarding new projects only, as many of the 2005 projects did not contain sufficient detail for the current staff to update.									
San Antonio 1 Carriage Mist Drainage Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016	$750,000.00	Storm Water Revenue Bond	High
San Antonio 2 W. Villaret Drive - Provide all Weather access on Villaret *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 - 2016	$400,000.00	Storm Water Operating Fund	High
San Antonio 3 Hunt Lane - Provide all Weather access on Hunt *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 - 2016	$375,000.00	Storm Water Revenue Bond	High
San Antonio 4 Mountain View Estates-Phase 2 - Provide access during 100yr storm *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$900,000.00	Storm Water Operating Fund	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 5 Mountain View Estates- Phase 1 - Provide access during 100yr storm *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$1,500,000.00	Regional Storm Water Management Funds	High
San Antonio 6 North Verde Dr. - Provide all Weather access on N. Verde *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$2,600,000.00	Potential General Obligation Bond	Moderate
San Antonio 7 Ray Ellison - 410 to Persall - Provide all Weather access on Ray Ellison *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$3,456,284.00	Potential General Obligation Bond	Moderate
San Antonio 8 LWC# 26, 27, & 28 - White Bonnet - Provide all Weather access on White Bonnet *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$5,835,995.00	Potential General Obligation Bond	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 9 Lockhill Street Reconstruction, 250' East of White Bonnet - Provide all Weather access on White Bonnet *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$2,387,513.00	Potential General Obligation Bond	Moderate
San Antonio 10 LWC 36 - Vance Jackson @ Orsinger - Provide all Weather access on Vance Jackson *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$2,524,121.00	Potential General Obligation Bond	Moderate
San Antonio 11 Pinn Rd, 1500' S of W. Commerce - Provide access during 100yr storm *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$10,375,000.00	Potential General Obligation Bond	Moderate
San Antonio 12 Ray Ellison, Medina Base to Hwy 90 - Provide access during 100yr storm *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$8,181,084.00	Potential General Obligation Bond	Low

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 13 W. Commerce between Pinn Rd and Military - Provide access during 100yr storm *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$14,020,627.00	Potential General Obligation Bond	Low
San Antonio 14 Alamo Farmstead Area Drainage - Pembroke (Abe Lincoln to Babcock) & Rochelle (Pembroke to Country View Lane) - Provide all Weather access on Pembroke *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$1,074,818.00	Potential General Obligation Bond	Low
San Antonio 15 Alamo Farmstead Area Drainage - Pembroke (Abe Lincoln to Rochelle) & Rochelle (Pembroke to Country View Lane) - Provide all Weather access on Pembroke *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$5,813,000.00	Potential General Obligation Bond	Low

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 16 Hausman Drainage Project Phase II (LWC#4) - Provide all Weather access on Hausman *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$8,155,000.00	Potential General Obligation Bond	Low
San Antonio 17 Valley Hi North - Alley Improvements to Improve Flooding Homes *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$625,000.00	Potential General Obligation Bond	Moderate
San Antonio 18 Market @ Navarro Drainage Improvements - Provide all Weather access on Navarro *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016	$100,000.00	Storm Water Operating Fund	High
San Antonio 19 Tunnel Inlet Improvements - Storm Water Facility Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 - 2016	$1,000,000.00	Regional Storm Water Management Funds	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 20 Alamo & Guenther - Provide all Weather access on Alamo *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$500,000.00	Storm Water Operating Fund	High
San Antonio 21 Rockwell Phase A - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$700,000.00	Storm Water Revenue Bond	High
San Antonio 22 Hillcrest LWC - Provide all Weather access on Hillcrest *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2013	$750,000.00	Storm Water Revenue Bond	High
San Antonio 23 36th Street Drainage Improvements - Provide all Weather access on 36th *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2013	$800,000.00	Storm Water Revenue Bond	High
San Antonio 24 LWC#41 Vance Jackson South of Scenic - Provide all Weather access on Vance Jackson *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2013	$740,000.00	Storm Water Revenue Bond	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 25 W. Salinas Drainage Improvements - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$300,000.00	Storm Water Revenue Bond	High
San Antonio 26 Zarzamora Phase 1 (Guadalupe to Apache Creek) - Provide all Weather access on Zarzamora *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2013	$1,000,000.00	Storm Water Operating Fund	Moderate
San Antonio 27 Culebra UG Drainage - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$700,000.00	Potential General Obligation Bond	Moderate
San Antonio 28 Seeling Channel Improvements - Reduction of Frequent and Major Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$800,000.00	Potential General Obligation Bond	Moderate

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Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 29 Woodlawn Lake Dam - Storm Water Facility Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$12,200,000.00	Potential General Obligation Bond	Moderate
San Antonio 30 Barbara Dr drainage #73 Phase IIA - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$4,815,000.00	Potential General Obligation Bond	Moderate
San Antonio 31 Mahncke Park Outfall - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$2,800,000.00	Potential General Obligation Bond	Moderate
San Antonio 32 Barbara Drainage # 73 Phase I - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$12,063,000.00	Potential General Obligation Bond	Moderate

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Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 33 SA River- River Rd (North) BTW Armour & Anatasia - Buyout Flooding along River Road *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$12,063,000.00	Potential General Obligation Bond	Moderate
San Antonio 34 Hackberry - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$5,893,327.00	Potential General Obligation Bond	Moderate
San Antonio 35 Symphony Ln Buyout - Buyout Flooding along Symphony Lane *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$8,025,608.00	Potential General Obligation Bond	Moderate
San Antonio 36 Probandt Street to W. Mitchell St - Buyout Flooding along Flato St; Channel Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$2,898,310.00	Potential General Obligation Bond	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 37 Frio City Rd - System Drainage Improvements, reduce frequent flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$5,798,000.00	Potential General Obligation Bond	Low
San Antonio 38 Danville & Overbrook - Provide all Weather access on Danville *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$10,000,000.00	Potential General Obligation Bond	Low
San Antonio 39 Fire Station #19 Vance Jackson/Freiling Drain Project - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$7,407,167.00	Potential General Obligation Bond	Low
San Antonio 40 Science Park #58 Phase V - Concrete Line Existing Channel *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$2,400,000.00	Potential General Obligation Bond	Low

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 41 Broadway Corridor-Ph IV - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$5,222,000.00	Potential General Obligation Bond	Low
San Antonio 42 Rock Creek - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$9,360,475.00	Potential General Obligation Bond	Low
San Antonio 43 Braubach - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$7,115,764.00	Potential General Obligation Bond	Low
San Antonio 44 Overbrook Outfall - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$7,155,000.00	Potential General Obligation Bond	Low

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
San Antonio 45 Broadway Corridor-Ph III-1A - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$1,714,900.00	General Obligation Bond	Low
San Antonio 46 Pickwell Phase A - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2011	$350,000.00	Storm Water Operating Fund	High
San Antonio 47 MLK Drainage Improvements (Pipe Liner Only) - Rehabilitation of Existing System *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 - 2016	$3,800,000.00	Storm Water Revenue Bond	High
San Antonio 48 Harney Drainage Improvements - System Drainage Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$1,500,000.00	Regional Storm Water Management Funds	High

Bexar County and Municipalities Mitigation Action Plan									
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San Antonio 49 Bricken Circle Drainage - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2011	$250,000.00	Storm Water Revenue Bond	High
San Antonio 50 Pickwell Phase B - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$1,050,000.00	Storm Water Revenue Bond	High
San Antonio 51 Arrow Glen - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2013	$865,000.00	Storm Water Operating Fund	High
San Antonio 52 Briarcrest Drive Culvert Addition - Provide all Weather access on Briarcrest Drive *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$150,000.00	Storm Water Revenue Bond	High

Bexar County and Municipalities Mitigation Action Plan									
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San Antonio 53 Ridge Meadow Drainage - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2013	$1,280,000.00	Storm Water Revenue Bond	High
San Antonio 54 Lightstone System Phase I - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2011 – 2016, with targeted completion of 2012	$300,000.00	Storm Water Revenue Bond	High
San Antonio 55 MLK Drainage Improvements (Total System) - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$3,800,000.00	Potential General Obligation Bond	Moderate
San Antonio 56 East Village Area- Castle Cross - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$3,310,000.00	Potential General Obligation Bond	Moderate

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San Antonio 57 Randolph/ Weidner RSWF - Storm Water Facility to Reduce Downstream Peaks *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$23,321,000.00	Potential General Obligation Bond	Moderate
San Antonio 58 Meadowlawn/Eastgate Neighborhood - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$11,914,000.00	Potential General Obligation Bond	Moderate
San Antonio 59 Busby - Concrete Channel Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$14,196,000.00	Potential General Obligation Bond	Low
San Antonio 60 Kenilworth (Northridge to Oak Glen & Haskins) - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$16,665,000.00	Potential General Obligation Bond	Low

Bexar County and Municipalities Mitigation Action Plan									
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San Antonio 61 Amity - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$1,880,000.00	Potential General Obligation Bond	Low
San Antonio 62 Diversey Dr - Major Channel Improvements with Culvert Crossings *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$15,984,000.00	Potential General Obligation Bond	Low
San Antonio 63 Sapphire/ Flora Mae - System Drainage Improvements, Reduce Frequent Flooding *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding / design	CoSA Public Works	2012-2017	$3,975,345.00	Potential General Obligation Bond	Low
City of Somerset									
Somerset 1 Implement storm water drainage at 6th Street and Kurtz. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$25,000	General Revenue	Moderate
Somerset 2 Clear culverts and drainage systems at 6th Street. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$25,000	General Revenue	Moderate

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Somerset 3 Improve inactive drainage / pipes at 2790 and Mitchell Street *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$15,000	General Revenue	Moderate
Somerset 4 Clear culverts and drainage systems at 1st Street. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$15,000	General Revenue	Moderate
Somerset 5 Clear culverts and drainage systems at Touchstone Street. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$15,000	General Revenue	Moderate
Somerset 6 Clear culverts and drainage systems at South Dixon Street. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$15,000	General Revenue	Moderate
Somerset 7 Clear culverts and drainage systems at K Street. *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016	$15,000	General Revenue	Moderate

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Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Terrell Hills									
Terrell Hills 1 Evaluating the capacity of the underground drainage system	Flood Control	Existing	N/A	Postponed	City Manager's Office	2011 - 2020	$20,000	General Fund	Medium
Terrell Hills 2 Street and drainage improvements on the City's East side specifically Arvin, Bryker and Seford *Continued NFIP Compliance*	Flood Control	New	N/A	In Progress	City Manager's Office	2010 - 2015	$1,055,000	General Fund	Medium
Terrell Hills 3 Street and drainage improvements on Garraty Road from Nadine to Harry Wurzbach *Continued NFIP Compliance*	Flood Control	New	N/A	To begin by year's end	City Manager's Office	2011 – 2016, with targeted completion of June 2011	$935,000	To be Determined	Medium
Terrell Hills 4 Planned Bond election to address street and drainage improvements / facilities	Flood Control / Facilities	New	Existing	Proposed start date of 2011	City Manager's Office	2011 – 2016, with targeted completion of 2012	$6,000,000	Potential Bonds	High
Terrell Hills 5 Continued implementation of the City's storm management plan *Continued NFIP Compliance*	Flood Control	Existing	N/A	On going	City Manager's Office	2011 – 2016, with targeted completion of 2013	$60,000	General Fund	Medium

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Terrell Hills 6 Planned study through Bexar Regional Flood Control District of possible project for the Salado Creek Tributary	Flood Control	New	N/A	Underway	City Manager's Office	2011 – 2016, with targeted completion of 2011	$20,000	To Be Determined	Medium
Terrell Hills 7 Increase WMD and Hazardous material training for Fire and Police.	Terrorism	Existing	NA	Ongoing	Fire and Police Departments	2011 - 2016	$10,000	General fund	High
2005 Projects that will not be included in the Plan Update:									
Replace 50 year old sewer system	Flood and Hazardous Materials			**Removed - The city sold the Sewer system to the San Antonio Water System**	Street and Sanitation	Project started February 2004/ anticipate completion by 2007	$4,000,000	Certificate of Obligation bonds and general fund	High
Study improving communications	All Hazards			**Removed - We are currently in the process of moving our fire and police department s to the city of San Antonio radio system**	Fire and Police Departments	Project started February 2004/ anticipate completion June 2004	None	No funding required to conduct internal study	High

Bexar County and Municipalities Mitigation Action Plan									
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City of Universal City									
Universal City 1 Purchase four-wheel drive vehicle for the emergency response fleet for use during hazardous situations when road conditions are poor and difficult to travel.	Thunderstorms, Winter Storms, Tornadoes	Existing	Existing, New	Deferred pending funding	Universal City Fire Department	2011 – 2016	$35,000—$45,000	Tax Note / General Fund	Low
Universal City 2 Purchase larger generator to support the Universal City Fire Department during power outages. (revision to Action 3)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	In progress	Universal City Fire Department	2011 – 2016, with expected completion in 2011	$15,000	General Fund / Tax Note	High
Universal City 3 Improve drainage throughout jurisdiction *Continued NFIP Compliance*	Flooding	New	New and Existing	Pending funding	Public Works Department	2011 – 2016, with targeted completion of 2013	$3 Million	Bonds	High
Universal City 4 Develop wildfire mitigation project	Wildfire	New	New and Existing	Pending funding	Fire Department	2011 – 2016, with targeted completion of 2012	$50,000	Budget and Grants	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Universal City 5 Enforcement of flood damage prevention ordinance NFIP Compliance	Flooding	New	New Existing	Ongoing	Code enforcement	2011-2016	$20,000	General revenue	Moderate
2005 Projects that will not be included in the Plan Update:									
Improve communication equipment for all city emergency responders through the purchase of a repeater tower or 800 trunking conversion	All Hazards	Existing		**Removed – Project is no longer a mitigation priority for the City**	Fire Department	2004 – 2005	$515,000	General fund, tax note	High
Purchase and enable Reverse 911 system to notify residents of impending disasters	All Hazards	Existing		**Removed – Project is no longer a mitigation priority for the City**	Police Department	2004 – 2005	$30,000 - $35,000	General Revenue	Medium
Purchase taller ladder truck for use by Universal City Fire Department during fire calls and rescue operations	All Hazards	Existing		**Removed – Project is no longer a mitigation priority for the City**	Fire Department	2004 – 2005	$800,000	General fund, tax note	High
Require detailed drainage studies of areas marked for subdivision development to reduce run-off and flooding problems in surrounding areas	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004	$25,000	General revenue	High
Obtain access to alternative water sources to use during times of drought	Drought	Exiting		**Removed – Project is no longer a mitigation priority for the City**	Fire Department	2005	$50,000	Grants	Medium

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Von Ormy									
Von Ormy 1 Development of an ordinance of rescues and crossing barricades NFIP Compliance	Flash Flooding	New	New	ongoing	City Marshal's Office	2011 - 2016	0	none	High
Von Ormy 2 River erosion control protection	Flooding/Land Slides	New	New	Pending available funding	City Engineer/SARA	2011 – 2016, with targeted completion of 2014	$5 million	Federal	High
Von Ormy 3 Elevating the road, 3 locations *Continued NFIP Compliance*	Flooding	New	New	Pending available funding	City Engineer	2011 – 2016, with targeted completion of 2014	$1.5 million	CDBG	High
Von Ormy 4 Public Education	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	N/a	ongoing	Von Ormy Emergency Management	2011 - 2016	1000	general funds	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Von Ormy 5 Develop Public Safety Exercise Program	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	N/a	ongoing	City Marshal's office	2011 - 2016	150	general funds	Moderate
Von Ormy 6 Building Fire station in City	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	ongoing	City Administrator	2011 – 2016, with targeted completion of 2012	1.5 million	USDA grant, City of Von Ormy, ESD	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Von Ormy 7 Improvement of water pressure in the city	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	Pending available funding	City Engineer	2011 – 2016, with targeted completion of 2014	2Million	Grants, City of Von Ormy	High
Von Ormy 8 Installing water hydrants on every street	Wildfire, Hazmat	New	New	Pending available funding	City Engineer	2011 – 2016, with targeted completion of 2014	Included in the above item	Grants, City of Von Ormy	High
Von Ormy 9 Close private railroad crossing	Hazmat transportation accident	New	Existing	Pending available funding	City Engineer	2011 – 2016, with targeted completion of 2014	500,000	United Pacific	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Von Ormy 10 Construction of Safe Room	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending available funding	City Engineer	2011 – 2016, with targeted completion of 2014	250,000	FEMA Grants	Moderate
Von Ormy 11 Sewer Improvements	Public Health / Pandemic	New	New	Pending available funding	City Engineer	2011 – 2016, with targeted completion of 2014	3.1 Million	City of Von Ormy, SAWS, TX water development Board grant	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Windcrest									
Windcrest 1 Create a functional Emergency Operations Center (EOC) in the City Council Chambers.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Ongoing	Infrastructure	2011 - 2016	$3,000-$5,000	External sources (Department of Homeland Security – Emergency Operations Center Funding, Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program)	High
Windcrest 2 Continue to develop Community Emergency Response Team (CERT) program to allow community members to assist first responders in emergency situations.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Initial development of team complete. Will keep team active using general revenue.	Infrastructure	2011 - 2016	$500	General Funds. Grants	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Windcrest 3 Purchase and enable a Reverse 911 system to notify residents of impending disasters.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Partially Complete; work remains to be completed	Infrastructure	2011 - 2016	$30,000-$50,000	External sources (Department of Homeland Security – Assistance to Firefighters Grants, Pre-Disaster Mitigation, Hazard Mitigation Grant Program)	High
Windcrest 4 Develop a business continuity program for area businesses in the community to educate commercial and residential owners about mitigation strategies and local, state and federal disasters, including NFIP education, assistance, and compliance activities NFIP Compliance	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New	Partially Complete; work remains to be completed.	Infrastructure	2011 - 2016	$1,000	General Revenue	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Windcrest 5 Conduct training classes and develop educational brochures and other information about disaster preparedness and recovery.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Partially Complete; work remains to be completed	Infrastructure	2011 - 2016	$10,000	General Revenue	Moderate
Windcrest 6 Educate residents on prevalent hazards in the community and ways to reduce their vulnerability to hazards through brochures, public Web sites, newsletters, etc. (modification to Action 2)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Partially Complete; work remains to be completed	Infrastructure	2011 - 2016	$10,000	General Revenue	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Windcrest 7 Purchase and maintain a mass notification system/service to notify residents of impending disasters (Modification of 2005 MAP action 4)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	In process	EM/IT	2011 – 2016, with implementation 2011/2012 Ongoing thereafter.	$20,000-30,000/year	General Revenue	High
Windcrest 8 Assist the EDC Business Retention Program (BRP) for area businesses in the community by educating commercial owners / operators / managers about mitigation strategies and Continuity of Operations planning. (Carryover of 2005 MAP action 5)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	In process	EM/IT and EDC	201 - 2016	$0 - $1000/year	General Revenue, EDC Revenue, Grant money for business continuity planning.	High

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Windcrest 9 Get Council Member or member of City staff a position as a board member on committee(s) and /or organization(s) that regulate hazardous materials transiting on roads or railways near our community.	HazMat with/without Evacuation	New	Existing	In process	Mayor/City Council/City Administration	2011 - 2016	Possible Per Diem and Travel expenses	General Revenue	Moderate
Windcrest 10 Educate the residents of our City with disaster preparedness information, likely hazards of the community through the use of brochures, classes and public websites including the City's website.(Carryover and combination of 2005 MAP actions 6 and 7)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Ongoing as funding available	EM/IT	2011 - 2016	$0 - $1000/year	General Revenue, Donations and Grant money for public outreach.	Moderate

Bexar County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Windcrest 11 Rework/re-grade City streets and add storm sewer infrastructure so as to improve street pooling/flooding during heavy rain events. *Continued NFIP Compliance*	Flooding/ Flash Flooding	New	Existing	Pending funding	City Engineer/ Public Works	2011 – 2016, with targeted completion of FY 2014/2015	$25-$30 Million	Bonds, Loans, Infrastructure Grants	Low

Table 8.3.2-4
Comal County and Municipalities Mitigation Action Plan

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Comal County (county-wide)									
Comal 1 Removal of trees, shrubs, growth and debris from the Dry Comal Creek (unincorporated areas) to allow for better drainage, preventing flooding.	Flooding (due to obstruction of water flow)	Existing	Existing	Pending availability	Comal County	2011 – 2016	No cost to county; all labor would be from inmates of the Texas Department of Corrections	Texas Department of Corrections inmates	High
Comal 2 Remove flood debris from the Guadalupe River channel for adequate river flow and to remove health and safety hazards. *Continued NFIP Compliance*	Flooding	Existing	Existing	Pending funding	Comal County	2011 - 2016	Phase 1: $99,011; Phase 2: $91,574; Total: $190,585	Natural Resources Conservation Services (75%); Reserves (25%)	High

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Comal 3 Remediate repetitive losses along the Guadalupe River by acquiring flood damaged structures and converting those areas to open (green) space. *Continued NFIP Compliance*	Flooding	Existing	Existing	Pending funding	Comal County	2011 – 2016	$3,440,000	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High
Comal 4 Design and construction of five (5) retention dams* to assist in controlling flash flooding in municipalities and unincorporated areas of the county. *Continued NFIP Compliance*	Flooding (along creeks in Comal County and its municipalities)	Existing	Existing	Pending funding	Comal County	2011 – 2016	$80,000,000	Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM) Program, Unmet Needs Funding, reserves and external sources	Medium
Comal 5 Review low water crossings for feasibility in installing larger culverts and raising the roadway, providing for better accessibility. *Continued NFIP Compliance*	Flooding (of low water crossings)	Existing	Existing	Pending funding	Comal County	2011 – 2016	$150,000	General revenue	Low

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Comal 6 Purchase, install and implement automated advanced warning systems at low water crossings throughout the County. *Continued NFIP Compliance*	Flooding	New	New	Pending funding	Comal County	2011 – 2016	$1,000,000	Hazard Mitigation Grant Program (75%); Reserves (25%)	High
Comal 7 Purchase, install and implement flow gauges and monitoring equipment at five (5) existing flood retarding structures to for dam safety purposes. *Continued NFIP Compliance*	Flooding, Dam / levee failure	New	New	Pending funding	Comal County	2011 – 2016, with targeted completion of 2011	$120,000	Hazard Mitigation Grant Program (75%); Reserves (25%)	High
Comal 8 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Comal County	2011 – 2016	NA	NA	Medium

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Comal 9 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Comal County	2011 – 2016	NA	NA	Medium
City of Bulverde									
Bulverde 1 Replace existing culverts with larger ones, develop proper drainage channels, clear out existing drainage channel *Continued NFIP Compliance*	Flooding (roadways submerged and impassable due to improperly sized and silted in drainage features)	New	New	Pending funding	City of Bulverde Public Works	201 1- 2016, with targeted completion of 2012	$5,000,000	United States Army Corp of Engineers; FEMA; Rural Utility Service; and local funding sources	High
Bulverde 2 Elevate some segments of roadways in various portions of the community to address localized flooding issues. *Continued NFIP Compliance*	Flooding (roadways submerged and impassable due to improperly sized and silted in drainage features)	New	New	Pending funding	City of Bulverde Public Works	201 1- 2016, with targeted completion of 2012	$5,000,000	United States Army Corp of Engineers; FEMA; Rural Utility Service; and local funding sources	High

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Garden Ridge									
Garden Ridge 1 Clear and maintain drainage ditches for debris and determine increased capacity for better flow control of flood water. *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	City of Garden Ridge	2011 – 2016 Exact schedule of implementation is still under development.	Unknown at this time	General fund	Medium
Garden Ridge 2 Install larger culverts and raise roadway where needed for better accessibility to areas. *Continued NFIP Compliance*	Flooding	New	Existing	Pending Funding	City of Garden Ridge	2011 - 2016	Unknown at this time	General Revenue	Low
City of New Braunfels									
New Braunfels 1 Removal of trees, shrubs, growth and debris from Dry Comal Creek (incorporated areas) to allow for better drainage of the creek. *Continued NFIP Compliance*	Flooding (due to obstruction of water flow)	Existing	Existing	In progress	City of New Braunfels Public Works	2011 – 2016	No cost to city; all labor would be from inmates of the Texas Department of Corrections	Texas Department of Corrections inmates	High

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
New Braunfels 2 Remove flood debris from the Guadalupe River channel for adequate river flow, largely as a matter of public health and safety. *Continued NFIP Compliance*	Flooding	Existing	Existing	In progress	City of New Braunfels Public Works	2011 - 2016	$150,000	Natural Resource Conservation Services (75%); Reserves (25%)	High
New Braunfels 3 Acquire flood damaged structures along the Guadalupe River to remediate repetitive flood losses and convert those areas to open (green) space. *Continued NFIP Compliance*	Flooding	Existing	Existing	In progress	City of New Braunfels Public Works	2011 - 2016	$2,000,000+	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High
New Braunfels 4 Blieders Creek flood mitigation project will alleviate persistent flooding of two crossings of Blieders Creek on River Road in the City of New Braunfels *Continued NFIP Compliance*	Flooding	Existing	Existing	Pending funding	City of New Braunfels Public Works	2011 - 2016	$3,500,000	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
New Braunfels 5 Construction of three (3) large detention ponds, one to be located upstream of Walnut Ave. and two to be located downstream; (2) channel improvements along the North Tributary, and (3) the removal of 216 parcels from the 100-year floodplain. *Continued NFIP Compliance*	Flooding	New	New	In progress	City of New Braunfels Public Works	2011 - 2016	$7,977,600	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High
New Braunfels 6 Relocate Gruene Wastewater Treatment Plant out of the floodplain to another site. *Continued NFIP Compliance*	Flooding	New	New	Pending funding	City of New Braunfels Utilities	2011 – 2016, with targeted completion of 2013	$10,000,000	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
New Braunfels 7 Research and implementation of Sirens as part of overall early warning system in a two phase process. First phase completed by city and need HMGP Funds for additional sirens	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	In progress	City of New Braunfels Public Works	2011 – 2016, with targeted completion of 2012	$300,000	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High
New Braunfels 8 Multiple Drainage projects with flooding as the cause for the identified drainage projects. *Continued NFIP Compliance*	Flooding	New	New	In progress	City of New Braunfels Public Works	2011 – 2016, with targeted completion of 2012	$6,000,000	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High

Comal County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
New Braunfels 9 Research and implementation of Flood Gauges as part of overall early warning system along the Guadalupe, Comal and Dry Comal Rivers within city limits; complete in a two phase process. *Continued NFIP Compliance*	Flooding	New	New	Pending funding	City of New Braunfels Public Works	2011 – 2016, with targeted completion of 2012	$200,000	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High
New Braunfels 10 Acquire flood damaged structures along the Guadalupe River and in the SFHA to remediate repetitive flood losses and convert those areas to open (green) space. *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	City of New Braunfels Planning	2011 – 2016, with targeted completion of 2013	$2,000,000+	Hazard Mitigation Grant Program or Pre-Disaster Mitigation Program (75%); Reserves (25%)	High

Table 8.3.2-5
Frio County and Municipalities Mitigation Action Plan

Frio County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Frio County, Cities of Dilley and Pearsall (county-wide) (Note: Municipalities and county generally cooperate on project implementation; all projects listed below will be completed for the county and all municipalities)									
Frio 1 **Dilley 1** **Pearsall 1** Maximize county-wide intergovernmental coordination on the effective use of emergency response resources, to include vital communications between multiple agencies in emergency situations, through the development and installation a radio system that is compatible with all surrounding emergency response agencies, with phone patch capabilities	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New, Existing	Deferred pending funding	Frio County Sheriff's Office	2011 – 2016	$350,000	Bonds	High
Frio 2 **Dilley 2** **Pearsall 2** Improve drainage and renovate county roads to alleviate flooding (exact roads and areas to be determined through further study) *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Frio County Roads and Bridges	2011 – 2016	$50,000	Bonds	Moderate

Frio County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Frio 3 **Dilley 3** **Pearsall 3** Maximize the use of available hazard mitigation grant programs to protect vulnerable populations and structures, county-wide, through the identification of vulnerable areas and the restriction of development *Continued NFIP Compliance*	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred pending funding	Frio County Commissioner's County	2011 – 2016	Unknown	General	Moderate
Frio 4 **Dilley 4** **Pearsall 4** Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Frio County Office of Emergency Management	2011 – 2016	NA	NA	Medium

Frio County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Frio 5 **Dilley 5** **Pearsall 5** Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Frio County Office of Emergency Management	2011 – 2016	NA	NA	Medium
Frio 6 **Dilley 6** **Pearsall 6** Develop and implement public education campaign to educate the public about potential hazards in the area.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred pending funding	Frio County Commissioner's County	2011 – 2016	Unknown	General	Moderate
City of Dilley - 2005 Projects that will not be included in the Plan Update:									

Frio County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Add security surveillance cameras at the water plant and purchase 4 protective suits for use by the police and fire departments in order to address water tampering and chemical agent exposure of first responders	Terrorism	Existing		**Removed – Project is no longer a mitigation priority for the City**	Police Department, Public Works, Fire Department	2005	$86,000	Grant funds	High
Reduce the impact of flooding hazards to the population and to property by implementing ordinances that restrict building in flood-prone areas.	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Zoning Board	2005	$50,000	General funds	Medium
Develop plan to decrease damage in flood areas to include increasing influence over department, especially in high hazard areas	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Zoning Board	2005	$50,000	General funds	Medium
Improve the ability of water to flow out of the city by reviewing an upgrading drainage systems/stormwater.	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2005	$100,000	General funds	Medium
City of Pearsall - 2005 Projects that will not be included in the Plan Update:									
Reduce the impacts of flooding hazards on population and property by implementing ordinances that restrict building in flood-prone areas.	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Zoning Board	2005	$50,000	Bonds	Medium

Frio County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Develop plan to decrease damage in flood areas to include increasing influence over department, especially in high hazard areas	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Zoning Board	2005	$50,000	General funds	Medium
Improve drainage in Carter Addition Subdivision	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2005	$25,000	Bonds	Medium

Table 8.3.2-6
Gillespie County and Municipalities Mitigation Action Plan

Gillespie County and Municipality Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Gillespie County (county-wide)									
Gillespie 1 Reconstruct and elevate 5 County bridges at high traffic, low water crossings	Flooding (Flash and Riverine)	New	Existing	Pending funding	Gillespie County Office of Emergency Management	2011 – 2016, with targeted completion date of 2014	$5,000,000	FEMA – HMGP, PDM, FMA General funds	High
Gillespie 2 Obtain solar powered signs for 35 low water crossings (county-wide)	Flooding (Flash and Riverine)	New	Existing	Pending funding	Gillespie County Office of Emergency Management	2011 – 2016, with targeted completion date of 2014	$350,000	FEMA – HMGP, PDM, FMA General funds	High
Gillespie 3 Build floodwalls and increase culvert capacity at 5 low water crossings *Continued NFIP Compliance*	Flooding (Flash and Riverine)	New	Existing	Pending funding	Gillespie County Office of Emergency Management	2011 – 2016, with targeted completion date of 2015	$500,000	FEMA – HMGP, PDM, FMA General funds	High
Gillespie 4 Construct safe room for 2 RV campgrounds	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	Gillespie County Office of Emergency Management	2011 – 2016, with targeted completion date of 2015	$200,000	FEMA – HMGP, PDM	Moderate

Gillespie County and Municipality Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Gillespie 5 Public education and outreach – begin "Turn Around, Don't Drown" campaign *Continued NFIP Compliance*	Flooding (Flash and Riverine)	Existing	NA	Deferred pending funding	Gillespie County Office of Emergency Management	2011 – 2016, with targeted completion date of 2012	$10,000	FEMA - HMGP, General funds	High
Gillespie 6 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Gillespie County Office of Emergency Management	2011 – 2016	NA	NA	Medium
Gillespie 7 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Gillespie County Office of Emergency Management	2011 – 2016	NA	NA	Medium

Gillespie County and Municipality Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Fredericksburg									
Fredericksburg 1 Property Acquisition #1 Obtains Rights of Way and Easements for 3 segments of hazardous materials bypass roadway and other hazards *Continued NFIP Compliance*	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	City of Fredericksburg Public Works	2011 – 2020, with targeted completion date of 2018	$45,000,000	FEMA HMGP, Tx DOT Bonds, Cost Sharing, General Funds	High
Fredericksburg 2 5% Initiative Funding #2 Portable generators for Pump Stations, Lift Stations, Operations Center	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	City of Fredericksburg Public Works	2011 – 2016, with targeted completion date of 2015	$840,000	FEMA HMGP, Cost Sharing, General Funds	High

Gillespie County and Municipality Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Fredericksburg 3 5% Initiative Funding #3 Public Warning System	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	Pending funding	City of Fredericksburg OEM	2011 – 2016, with targeted completion date of 2015	$150,000	HMGP, Cost Sharing, General Funds	High
Fredericksburg 4 Drainage Improvements #4 Redirect flow patterns and impediments from Barons and Town Creeks *Continued NFIP Compliance*	Flooding	New	New and Existing	Pending funding	City of Fredericksburg Public Works	2011 – 2016, with targeted completion date of 2015	$300,000	FEMA HMGP, PDM, FMA, General Fund	High

Gillespie County and Municipality Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Fredericksburg 5 Safe Room Construction #5 Safe Room for 4 RV Campgrounds	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	City of Fredericksburg OEM	2011 – 2016, with targeted completion date of 2015	$500,000	HMGP, PDM	Moderate
Fredericksburg 6 Retrofitting Critical Facilities #6 Harden and retrofit EOC	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	City of Fredericksburg OEM	2011 – 2016, with targeted completion date of 2015	$1,000,000	FEMA HMGP, Bonds, Cost Sharing, General Funds	Moderate

Gillespie County and Municipality Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
2005 Projects that will not be included in the Plan Update:									
Implement highway observation for Fredericksburg area for trucks carrying hazardous materials	Hazardous Materials	Existing		**Removed – Project is no longer a mitigation priority for the City**	TXDOT / Public Works	2004	$50,000	Grants	High
Update and revise subdivision ordinance to include stormwater remote rules	Flooding	Existing		**Removed- Project is no longer a mitigation priority for the City**	Public Works	2005	None	None	Medium
Implement a culvert cleaning program county-wide to prevent backflow and localized flooding	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2005	$50,000	General revenue, grants	Medium
Create drainage pond to slow flood water velocity in city and outlying areas	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2006	$200,000	Bonds	Medium
Adopt new NFA fire codes	Fire	Existing		**Removed – Project is no longer a mitigation priority for the City**	Fire Department	2004	None	None	Medium
Develop mass shelter and needs plan for local residents and visitors	All Hazards	Existing		**Removed – Project is no longer a mitigation priority for the City**	Public Works	2004	$15,000	Grants	Medium

Table 8.3.2-7
Guadalupe County and Municipalities Mitigation Action Plan

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Guadalupe County (county-wide)									
Guadalupe 1 **#1 – Flood Control Infrastructure** Mitigate flooding in the Santa Clara Watershed by constructing an off-channel reservoir for retention of overflow from Santa Clara Creek during flooding events *Continued* NFIP Compliance	Flooding	New	Existing	On-going As Funding Becomes Available	Emergency Management, Road & Bridge, Environmental Health	2010-2016	$9,000,000	Grants	High
Guadalupe 2 **#2 – Public Health & Safety** Mitigate septic health hazards by assisting property owners with funding for on-site septic systems	Communicable Disease / Pandemic	New	Existing	On-going	Environmental Health	2011 - 2016	$500,000	Grants	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Guadalupe 3 **#3 – Flood Control Infrastructure** Mitigate threat to life & property by purchasing flood-prone properties which will also aid in reduction of repetitive loss claims *Continued NFIP Compliance*	Flooding	New	Existing	On-going As funding becomes available	Environmental Health	2011 - 2016	$10 Million	Grants	Low
Guadalupe 11 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Guadalupe County Office of Emergency Management	2011 – 2016	NA	NA	Medium
Guadalupe 12 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Guadalupe County Office of Emergency Management	2011 – 2016	NA	NA	Medium

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
2005 ACTIONS DEFFERRED TO THE PLAN UPDATE:									
Guadalupe 4 **#1 – Fire Safety & Prevention** Ensure Safety of citizens and property proper training of firefighters in brush/forest firefighting	Wildfire	Existing	Existing	Ongoing Due to personnel turn-over	Fire Department	–2011 - 2016	$200,000	Grants (Nat'l. Fire Academy & various Dept. of Homeland Security training opportunities	High
Guadalupe 5 **#2 – Emergency Services** Improve Flood Warning by Identifying sites requiring additional or upgraded stream/rain gauges & coordinate installation requests with the United States Geological Survey (USGS) and the River Authority *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred Pending Available Funding	Emergency Management	2011-2016	$50,000	Grants	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Guadalupe 6 **#3 – Emergency Services** Implement a flood early-warning system and response plan *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred Pending Available Funding	Emergency Management	2011-2016	$200,000	Grants: TWDB, FEMA, Emergency Management Performance Grants	High
Guadalupe 7 **#4 – Management Practices** Adopt and promote the Association of State Floodplain Manager's "No Adverse Impact" policy to mitigate local flooding *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred Pending Available Funding	Engineering	2011 - 2016	$20,000	Permit Fees	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Guadalupe 8 **#5 –Flood Control Infrastructure & Public Safety** Mitigate flood & safety risks by prohibiting the dumping of debris or fill in waterways, streams and ditches *Continued NFIP Compliance*	Flooding & Hazardous Materials	Existing	Existing	Deferred Pending available funding	Public Works Environmental Health	2011 - 2016	$10,000	General Revenue & Grants	High
Guadalupe 9 **#7 – Public Awareness** Implement an area-wide telephone Emergency Notification System (Reverse 911)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred As funding becomes available	Emergency Management	2011 - 2016	$250,000	Grants	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Guadalupe 10 **#8 – Management Practices** Enhance code enforcement and inspection services; provide inspections with FEMA "Mitigation Resources to Success" CD *Continued NFIP Compliance*	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred Pending available funding	Building Inspection Fire Departments	2011 - 2016	$500	General Revenue	High
PROJECTS FROM 2005 THAT WILL NOT BE CARRIED OVER:									

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
#9 – Public Safety/ Emergency Response Establish uniform emergency response procedures with the operators of critical facilities / harden critical care facilities	All Hazard	Existing	Existing	**Removed - Lack of funds prevents completion**	Emergency Management	None	$5,000	Grants	High
#6 – Public Health & Warning Systems Install flood warning / telemetry system to and locate controls above BFE at sewage lift stations	Flooding/Health Hazard	Existing	Existing	**Project was incorrectly assigned to Guadalupe County in the 2005 Plan**	Water & Wastewater	2004	$25,000	Grant	High
City of Cibolo									
Cibolo 1 **#1 - Public Safety Communications** Implement interoperable radio communications capability and ensure that all first responders have access to it	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	On-going As funding becomes available	Police Department	2011 – 2013, with targeted completion date of 1/1/2013	$650,000	Grants: Homeland Security, HSGP, CJD, AACOG, COPS, BJA	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Cibolo 2 **#2 - Flood Control Infrastructure** Implement Flood Plain/Drainage mitigation projects for Town Creek and other creeks *Continued NFIP Compliance*	Flooding	New	New	New Action As funding Becomes Available	Public Works/Community Development Services	2011 – 2016, with targeted completion date of 2012	$2,000,000	Public Bonds, Grants	High
Cibolo 3 **#3 – Public Information** Implement a community-wide emergency notification system	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	New Action As funding becomes available	Police Department	2011 – 2016, with targeted completion date of 2013	$50,000	Grants: Homeland Security, CJD, AACOG, COPS, BJA	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Cibolo 4 **#4 - Flood Control Infrastructure** Improve signage and barricade plan for flood prone roadways *Continued NFIP Compliance*	Flooding	Existing	Existing	Ongoing As funding becomes available	Public Works/Police Departments	2011 – 2016, with targeted completion date of 2012	$35,000	General Funds & Grants	High
Cibolo 5 **#5 – Public Safety** Ensure public safety by developing an all-hazards evacuation route plan	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	New Action As funding becomes available	Police Department	2011 – 2016, with targeted completion date of 2011	$2,500	General Funds & Grants: Homeland Security, CJD, AACOG, COPS, BJA	High
City of Schertz									

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Schertz 1 **#1 – Public Education** Educate citizens & businesses about hazards and vulnerability assessment ratings to ensure better preparedness during emergencies	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	N/A	Ongoing As funding becomes available	Emergency Management & City Management	2011 – 2016, with targeted completion date of 2011	$3,000	General, Grant, Businesses	High
Schertz 2 **#2 – City Employee Safety** Implement training for all city departments to include tabletop scenarios and field training to ensure knowledge & confidence in responding to hazards	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	N/A	New Action	Emergency Management & City Management	2011 – 2016, with targeted completion date of 2011	$5,000	General, Grant & Department Budgets	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Schertz 3 **#3 – Evacuation Warning System** Alert System to warn citizens of potential evacuations	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing	New Action	Emergency Management & City Management	2011-2016	Unknown	General & Grant	High
Schertz 4 **#4 – Flood Monitoring System** Ensure safety of citizens and timely warnings through the installation of additional river gauges to monitor flooding hazards *Continued NFIP Compliance*	Flooding	New	Existing	Ongoing As finding becomes available	Public Works	2011-2016	Unknown	General, Grant, & Partnership with other affected cities & counties	High

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Schertz 5 **#5 – Flood Mitigation** Ensure Cibolo Creek remains free of debris and vegetation to allow rapid drainage and avert flooding *Continued NFIP Compliance*	Flooding	New	New	Ongoing As funding becomes available	Public Works	2011-2016	Unknown	General, Grant, & Partnerships with other affected cities & counties.	High
'DEFERRED' 2005 Mitigation Actions to the Plan Update:									
Schertz 6 **#4 – Public Awareness** Develop emergency information Web page to include hazard warnings, road closures, shelter location and status, situation reports, special needs registration, etc.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred	Information Technology (IT)	2011 - 2016	$5,000	General Revenue	Medium

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Schertz 7 **#7 – Code Enforcement** Update Unified Development Code and permit process *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred Ongoing upgrade to be reviewed Jan. 2011	Community Development	2011- 2016	$30,000	General Revenue	Medium
2005 Mitigation Actions To Be Removed									
#5 – Emergency Services Install dedicated weather monitoring equipment and software in communications center and Fire Departments	Flooding & Severe Weather	New	Existing	**Removed - Due to lack of funds Will continue to use TLETS, internet & TV media**	Emergency Management	N/A	N/A	General Revenue	Medium
#10 – Hazard Control Infrastructure Evaluate survivability and physical security of the Emergency Operations Center (EOC)		New	Existing	**REMOVE Change in Progress Location to be determined in 2011**	Emergency Management	N/A	$5,000	General Revenue	Medium
City of Seguin									

Guadalupe County and Municipality Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Seguin 1 **#1 – Flood Control Infrastructure** Prevent recurring erosion and road closures at Starcke Park through stabilization of the river bank *Continued NFIP Compliance*	Flooding	New	Existing	As Funding Becomes Available	City of Seguin	2011 - 2016	$3,000,000	Grant	Medium
'DEFERRED' 2005 MITIGATION ACTIONS TO PLAN UPDATE:									
Seguin 2 **#2 – Flood Control Infrastructure** Mitigate Flooding by cleaning drainage route to improve frequent run-off (4 times in the 12 months) at Heideke St. along railroad past 123 By-Pass; determine potential drainage improvements to allow for flood control in problem areas *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	City of Seguin	2011 – 2016, with targeted completion date of 2013-2014	$75,000	External	High

Table 8.3.2-8
Karnes County and Municipalities Mitigation Action Plan

Karnes County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Karnes County and Cities of Falls City, Karnes City, Kenedy and Runge (Note: Municipalities and county generally cooperate on project implementation; all projects listed below will be completed for the county and all municipalities)									
Karnes County 1 **Falls City 1** **Karnes City 1** **Kenedy 1** **Runge 1** Mitigation Action #1: Identify all critical and community facilities that are deemed necessary for emergency operations and conduct a structural assessment for multiple hazards to determine if retrofits are necessary.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred pending funding	Karnes County HMT	2011 – 2016, with targeted completion date of 2012	$15,000	External Sources (due to current economic condition of county)	High

Karnes County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Karnes County 2 **Falls City 2** **Karnes City 2** **Kenedy 2** **Runge 2** Mitigation Action #2: (Previously Action #4) Identify and compile information on flood hazard areas and residential property in flood zones, establish an acquisition program based on FEMA protocol in association with SARA studies, and review permitting process based on the 100-year flood event *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding, though some work has been completed with SARA's assistance – substantial work remains in developing schedule and environmental impact	Karnes County HMT, SARA	2011 – 2016, with targeted completion date of 2014	$50,000	External Sources (due to current economic condition of the county), FEMA and state grants	High
Karnes County 3 **Falls City 3** **Karnes City 3** **Kenedy 3** **Runge 3** Mitigation Action #3: (Previously Action #6) Conduct structural assessments of critical facilities specifically for high wind events	Tropical Systems / Hurricanes, Thunderstorms, Tornadoes	Existing	Existing	Deferred pending funding	Karnes County HMT	2011 – 2016, with targeted completion date of 2012	$10,000	External Sources (due to current economic condition of county), Grants	Medium

Karnes County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Karnes County 4 **Falls City 4** **Karnes City 4** **Kenedy 4** **Runge 4** Mitigation Action #4: (Previously #7) Complete study to identify and establish ownership or responsibility for drainage and tributaries into the San Antonio River *Continued NFIP Compliance*	Flooding	Existing	Existing	Some areas have been identified and there are currently ongoing projects. However, potential areas exist, and work is ongoing and will continue in the future.	Karnes County, SARA	2011 – 2016, with targeted completion date of 2012	$15,000	Grants	Medium
Karnes County 5 **Falls City 5** **Karnes City 5** **Kenedy 5** **Runge 5** Mitigation Action #5: (Previously #8) Develop and implement debris removal program(s) for creeks and tributaries leading into the San Antonio River *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Karnes County HMT, SARA	2011 – 2016, with targeted completion of 2012-2014	$30,000	External Sources (due to current economic condition of the county)	Medium

Karnes County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Karnes County 6 **Falls City 6** **Karnes City 6** **Kenedy 6** **Runge 6** Mitigation Action #6: (Previously #9) Identify residential structures that are located in flood zones or high hazard areas *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Karnes County HMT, SARA	2011 – 2016, with targeted completion of 2012	$20,000	External sourses (due to current economic condition of the county)	Medium
Karnes County 7 **Falls City 7** **Karnes City 7** **Kenedy 7** **Runge 7** Mitigation Action #7: (Previously #10) Conduct wind damage study	Thunderstorms, Tornadoes, Tropical Systems / Hurricanes	Existing	Existing	Deferred pending funding	Karnes County HMT, Karnes County, Runge, Falls City, and Karnes City	2011 – 2016, with targeted completion of 2012	$30,000	External Sources (due to current economic condition of the county)	Medium
Karnes County 8 **Falls City 8** **Karnes City 8** **Kenedy 8** **Runge 8** Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Karnes County HMT, Karnes County, Runge, Falls City, and Karnes City	2011 – 2016	NA	NA	Medium

Karnes County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Karnes County 9 **Falls City 9** **Karnes City 9** **Kenedy 9** **Runge 9** Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Karnes County HMT, Karnes County, Runge, Falls City, and Karnes City	2011 – 2016	NA	NA	Medium

Table 8.3.2-9
Kerr County and Municipalities Mitigation Action Plan

Kerr County and Municipalities Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Kerr County and Cities of Ingram and Kerrville (county-wide) (Note: Municipalities and county generally cooperate on project implementation; all projects listed below will be completed for the county and all municipalities)									
Kerr County 1 **Ingram 1** **Kerrville 1** Early warning system for multiple hazards – Code Red Emergency Notification System	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New, Existing	In place and on-going	Kerr County	Installation completed; maintenance ongoing 2011 - 2016	$25,000 annual cost	Kerr County	High
Kerr County 2 **Ingram 2** **Kerrville 2** Drainage way clearing program *Continued NFIP Compliance*	Flooding	Existing	Existing	On-going as funds become available	Public Works (Kerr County, City of Ingram, City of Kerrville)	2011 – 2016	$25,000	General funds	Moderate

Kerr County and Municipalities Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Kerr County 3 **Ingram 3** **Kerrville 3** Maintain low impact construction regulations for floodplain *Continued NFIP Compliance*	Flooding	Existing	New, Existing	On-going as funds become available	Public Works (Kerr County, City of Ingram, City of Kerrville)	2011 - 2016	$10,000	General funds	Moderate
Kerr County 4 **Ingram 4** **Kerrville 4** Clean debris out of river beds *Continued NFIP Compliance*	Flooding	Existing	NA	On-going as funds become available	Public Works (Kerr County, City of Ingram, City of Kerrville)	2011 - 2016	$25,000	General funds	Moderate
Kerr County 5 **Ingram 5** **Kerrville 5** Strengthen integrity of Flatrock Dam and Ingram Lake Dam *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	Kerr County	2011 - 2016	$297,729	Kerr County	High
Kerr County 6 **Ingram 6** **Kerrville 6** Drainage for Hill Country Drive @ SH 16 *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	Public Works – City of Kerrville	2011 – 2016, with targeted completion date of 2012 – 2013	$750,000	General funds	Moderate

Kerr County and Municipalities Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Kerr County 7 **Ingram 7** **Kerrville 7** Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Kerr County Office of Emergency Management	2011 – 2016	NA	NA	Medium
Kerr County 8 **Ingram 8** **Kerrville 8** Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Kerr County Office of Emergency Management	2011 – 2016	NA	NA	Medium

Table 8.3.2-10
Medina County and Municipalities Mitigation Action Plan

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Medina County (county-wide)									
Medina 1 Train and equip law enforcement, fire and EMA for evacuation and protection county-wide	Hazardous Materials Incident, Terrorism	Existing	NA	Ongoing	Medina County	2011 – 2016	$10,000 (ongoing action)	General revenue	High
Medina 2 Replace and update radio communication system for law enforcement, fire and EMS county-wide.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Project completed, but needs ongoing revisions	Medina County	2011 – 2016	$1,500,000	Grants (DHS – Assistance to Firefighters, EMPG)	High

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Medina 3 Create a county-wide, 24/7, alarm/early warning system – with siren / alarm in each community in the county and central control located in the Sheriff's dispatch office.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Ongoing	Medina County	2011 - 2016	$100,000 - $150,000	Grants / General revenue (FEMA – EMPG, Firefighters Assistance Grants)	High
Medina 4 Distribute NOAA radios to community care facilities, hospitals, and schools.	Storms, Tornados, Floods	Existing	NA	Ongoing	Medina County	2011 – 2016	$2,500 - $5,000	General revenues / contributions	Low
Medina 5 County-wide flood study and consideration of projects as a result *Continued NFIP Compliance*	Flooding	New	New, Existing	Pending funding	Medina County	2011 – 2016	$$200,000	TWDB and General revenue / In-kind	High

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Medina 6 Emergency generators at critical facilities	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New, Existing	Pending funding	Medina County	2011—2016	$250,000+	General revenue, grants	Moderate
Medina 7 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Medina County	2011 – 2016	NA	NA	Medium
Medina 8 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Medina County	2011 – 2016	NA	NA	Medium

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Medina 9 Enforcement of flood damage prevention ordinance NFIP Compliance	Flood	New	New Existing	Ongoing	Code Enforcement	2011-2016	$50,000	General revenue	Medium

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Castroville									
Castroville 1 Implement the storm water drainage projects, Highway 90 – Naples Street – South to alleviate flooding and allow for better flood control during high flows *Continued NFIP Compliance*	Flooding	Existing	Existing	Portions of project completed; rest is deferred pending funding	City of Castroville	2011 – 2016	$555,000	Contingency / bonds	Moderate
Castroville 2 Implement storm water drainage project at Athens Street *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	Existing	Deferred, pending funding	City of Castroville	2011 – 2016	$225,000	Contingency / bonds	High
Castroville 3 Implement storm water drainage project at Airport Road *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	Existing	Portions of project completed; rest is deferred pending funding	City of Castroville	2011 – 2016	$60,000	General revenue / external source (NRCS, HMGP, USACE, PDM)	High
Castroville 4 Implement Youngs Crossing project – bridge over Medina River *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	New	Deferred pending funding	City of Castroville	2011 – 2016	$1,500,000	Unknown at this time	High

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Castroville 5 Implement Medina River Warning System for flooding to provide for early warning of flooding conditions *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	NA	Deferred pending funding	USGS / City of Castroville	2011 – 2016	$100,000	Unknown at this time	High
Castroville 6 Relocate public works building to protect critical facility from flooding *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	City of Castroville	2011 – 2016	$300,000	Unknown at this time	High
Castroville 7 Implement storm water drainage project for Garza Creek area. *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	NA	Deferred pending funding	City of Castroville	2011 – 2016	$150,000	Contingency / bonds	Moderate
Castroville 8 Implement cross-town drainage tunnel project. *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	NA	Deferred pending funding	City of Castroville	2011 - 2016	Still under development	Still under development	Moderate
Castroville 9 Mitigate flooding of city park *Continued NFIP Compliance*	Flooding, Thunderstorms	Existing	Existing	Deferred pending funding	City of Castroville	2011 – 2016	$700,000	Unknown at this time	Moderate
City of Devine									

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Devine 1 Implement a multi-hazard awareness program.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Portions of project completed; rest is deferred pending funding	Public Works	2011 – 2016	$10,000	Grants (FEMA, TDEM)	High
Devine 2 Mitigation of Burnt Boot Creek (primary drainage – stormwater runoff) and associated projects (storm sewers, etc), to include property acquisition, labors, materials, etc. *Continued NFIP Compliance*	Flooding	New	New and existing	Pending funding	Public Works	2011-2016	Unknown at this time	Grants, General funds	High
Devine 3 Complete flood study for map amendments *Continued NFIP Compliance*	Flooding	New	New and existing	Pending funding	Public Works	2011-2016	Unknown at this time	Grants, general funds	High
City of Hondo									

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Hondo 1 Upgrade and install new fire hydrants and water lines by airbase properties to increase supply of water to airbase; purchase and install emergency power generators at critical facilities where needed.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing, New	Portions of project completed; rest is deferred pending funding	City of Hondo	2011 -2016	$600,000	Grants	High
Hondo 2 Upgrade police radio systems (outdated base station at police department, 13 mobile units for police cars and 20 hand held radios for individual officers)	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Deferred pending funding	Emergency Management and Police Department	2011 - 2016	$60,000	Grants	High

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Hondo 3 Build partnerships with neighboring communities and local businesses to develop capability and capacity to implement mitigation projects	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	New	Pending funding	Office of Emergency Management	2011 – 2016	$0	NA	High
Hondo 4 Enforcement of flood damage prevention ordinance NFIP compliance	Flooding	New	New existing	Ongoing	Code Enforcement	2011-2016	$20,000	General Revenue	Medium
Hondo 5 Develop drainage projects to address identified flooding issues to improve existing drainage conditions and situations – projects may include culverts, detention pods, or retention ponds, based on engineering analysis NFIP Compliance	Flooding	New	New existing	Ongoing	Public Works	2011-2016	$20,000	General Revenue	Medium

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Natalia									
Natalia 1 Implement a multi-hazard public awareness program, to include NFIP compliance, assistance and enforcement NFIP Compliance	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Ongoing activity	Public Works	2011 – 2016	$10,000	Grants (TDEM, FEMA)	High
Natalia 2 Purchase and install emergency power generators at public works facilities, including water wells and wastewater treatment facilities	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New Existing	New Existing	Pending funding	Public Works	2011-2016	$50,000	Grants (TDEM, FEMA, TDRA)	High

Medina County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Natalia 3 Investigate feasibility of design and construction of 100-year flood protection for wastewater treatment facility *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	Public Works, Mayor's Office	2011-2016	$50,000	Grants (TDEM, FEMA, TDRA)	High

Table 8.3.2-11
Wilson County and Municipalities Mitigation Action Plan

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson County									
Wilson 1 Eliminate the lack of interoperability between the radio systems utilized throughout the county by fire, EMS and law enforcement, including individual jurisdictions within the county.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	n/a	Deferred pending funding	Wilson County	2011 -2016	$750,000	Homeland security grants	High
Wilson 2 Update flood elevation levels to the 500-year floodplain of San Antonio lower river basin in rural parts of the County *Continued NFIP Compliance*	Flooding	Existing	NA	Deferred pending funding	SARA	2011 - 2016	$50,000	SARA	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 3 Implementation of high speed automated 911 call back program.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	NA	Deferred pending funding	Emergency Management/911	2011 - 2016	$55,000	Grants	High
Wilson 4 Develop flood hazard information by collecting information, high water marks, and conduct engineering studies to develop the 100-year and 500-year flood elevation levels. *Continued NFIP Compliance*	Flooding	Existing	NA	Deferred pending funding	SARA	2011 - 2016	$25,000	General funds, grants	Medium

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 5 Implement Incident Command System (ICS) training and exercise.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	n/a	Ongoing.	Wilson County	2011 - 2016.	Training is available at no charge; Tabletop, functional and full-scale exercises have variable costs depending on the number of departments involved and if they are volunteer or paid.	Grants / general revenue	Medium
Wilson 6 Institute interconnections of water utility companies throughout the county.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	n/a	Long-term goal. The initial study was conducted by SARA. The next step is for data to be used to implement the inter-connection between utilities.	Wilson County / Private Water Utility Companies.	2011 - 2016	Varies per water utility company (from $26,300 to $78,000)	External sources, grants	Medium

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 7 Upgrade infrastructure at low water crossings to provide unimpeded access during a 100 year base flood event to facilitate evacuation and response by emergency vehicles. *Continued NFIP Compliance*	Flooding	Existing	Existing	Ongoing	Wilson County Road and Bridge	2011 - 2016	$1 million	Grants	High
Wilson 8 Upgrade Longhorn Road including infrastructure to provide unimpeded access during a 100 year base flood event of the Cibolo. This is the only evacuation route and means of access by emergency response personnel to residents east of the river, south of Las Palomas Dr, north of CR 332, continuing in a westerly direction toward ST. Hwy 123 *Continued NFIP Compliance*	Flooding	Existing	Existing	Long-term goal	Wilson County Road and Bridge	2011 - 2016	$2.2 million	Grants	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 9 Install gates at low water crossings on county roads repeatedly resulting in road closure due to rapid rising flood waters *Continued NFIP Compliance*	Flooding	Existing	n/a	Submitted NOIs for HMGP funding, but project not accepted each time. Will continue to submit as grant is available	Wilson County Road & Bridge	2011 - 2016	$500,000	Grants	High
Wilson 10 Acquire flooded structures to remove them out of the SFHA and restrict future structures from development on the site. *Continued NFIP Compliance*	Flooding	Existing	Existing	Ongoing	Wilson County OEM	2011 - 2016	$750,000	Grants	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 11 Implementation of an Emergency Notification System	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	n/a	Pending funding	Wilson County OEM	201 – 2016, with targeted completion date of 2012	$1,000 / license/year	General funds, grants	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 12 Establishment of additional benchmarks within closer proximity to flood prone areas in the communities in Wilson County so that when elevation certificates are required for floodplain permits; or any engineering that is required for drainage structures, floodplain work, etc., accurate and current benchmarks are available *Continued NFIP Compliance*	Flooding	Existing	n/a	Long-term goal	Wilson County	2011 - 2016	$500,000	Grant	Medium
Wilson 13 Minimize bank erosion on the Cibolo River in areas threatening drainage infrastructure on County Roads *Continued NFIP Compliance*	Flooding	New	n/a	Long-term goal	Wilson County	2011 - 2016	$100,000	Grant	Medium
Wilson 14 Investigate availability of funding and/or TA from TDEM for development of dam inundation data (county-wide)	Flooding (dam failure)	New	NA	New	Wilson County	2011 – 2016	NA	NA	Medium

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Wilson 15 Investigate availability of funding and/or TA from TDEM or other state agency for development of sinkhole data (including extent of hazard and probability of occurrence data) for use county-wide, as well as analysis of potential impacts to county and municipalities from all geologic hazards	Sinkholes, Earthquakes	New	NA	New	Wilson County	2011 – 2016	NA	NA	Medium
2005 Projects that will not be included in the Plan Update:									
Purchase of common notification system (pagers) to be utilized by county and city elected officials, first responders, and school officials	All Hazards	Existing		**Removed – outdated technology**	Wilson County, Cities and School Districts	2005	$1,500	General revenue / grants	High
Implement a communication network with upstream jurisdictions to facilitate early warning of flood hazards.	Flooding	Existing		**Removed – Uncertain as to objective of project**	EOC	2004	$25,000	General revenue / grants	Medium
Improve regional notification by coordinating with neighboring jurisdictions.	Flooding	Existing		**Removed – Uncertain as to objective of project**	EOC	2004	$15,000	General revenue / grants	Medium

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of Floresville									
Floresville 1 Hardening or retrofitting of critical facilities	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	New	Existing, New	Pending funding	Public Works	2011 – 2016, with targeted completion date of 2012	$100,000	FEMA – HMGP, PDM, General Funds	High
Floresville 2 Drainage Improvements *Continued NFIP Compliance*	Flooding	New	Existing	Pending funding	Public Works	2011 – 2016, with targeted completion date of 2012	$200,000	FEMA – HMGP, PDM, General Funds	High
Floresville 3 Property acquisition and demolition and/or relocations *Continued NFIP Compliance*	Flooding	Existing	Existing	Deferred pending funding	Public Works	2011 – 2016, with targeted completion date of 2012	$200,000	FEMA – HMGP, PDM, RFC, SRL, Property Owners, General Funds	Low

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
2005 Projects that will not be included in the Plan Update:									
Improve communication between agencies by purchasing additional radio equipment	All Hazards	Existing		**Removed – Project is no longer a mitigation priority for the City**	Police Department	2009	$10,000	FEMA grants	High
Update floodplain maps	Flooding	Existing		**Removed – Project is not the responsibility of the City**	TBD	2008	$25,000	General funds and external sources	High
Develop stormwater management plan	Flooding	Existing		**Removed – Project is no longer a mitigation priority the City**	Public Works	2004	$10,000	General funds	Medium
Inspection of fire hydrants	Fire	Existing		**Removed – Project is not a mitigation priority for the City**	Public Works	2004	$10,000	General funds	Medium
Floodproof sewage treatment plant to prevent water backup into plant from flooding by building levees around the plant	Flooding	Existing		**Removed – Project is not a mitigation priority for the City**	Public Works	2005	$25,000	Water and Sewer Fund	Medium
Routinely inspect and clean stormwater drains to prevent debris backup into homes	Flooding	Existing		**Removed – Project is not a mitigation priority for the City**	Public Works	Ongoing	$10,000	Water and Sewer Fund	Medium

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
City of La Vernia									
La Vernia 1 Public Education and Outreach Implement public education and outreach programs to educate citizens about hazards; seek partnerships with county, neighboring communities and San Antonio River Authority.	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes, sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	N/A	On-going	Office of Emergency Management	2011-2016	$5,000	FEMA HMGP, General Fund, In-Kind	Moderate
La Vernia 2 Maintenance of Flood Control Infrastructure Maintain existing minor flood control infrastructure to ensure functionality during flood events; clear debris from dedicated drainage channels (revision to Actions 1, 2, 3, 4, 5) *Continued NFIP Compliance*	Pandemic, Flooding (Flash and Riverine)	Existing	Existing	Mainly deferred pending available funding	Public Works San Antonio River Authority	20112-2016	$75,000+	FEMA HMGP, PDN, FMA-TWDB, General Fund, SARA	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
La Vernia 3 New Flood Control Infrastructure Study to determine Master Drainage Plan Construction of Drainage Culverts, Acquisition of Flood Prone Lands for Detention or Retention (revision to Actions 1, 2, 3) *Continued NFIP Compliance*	Dam and Levee Failure (Flooding); Flooding (Flash and Riverine)	Existing	Existing	On-going as funding becomes available	Public Works	2011-2016	$2.5 million	FEMA HMGP, PDN, FMA-TWDB, General Fund, SARA, Wilson County	High
La Vernia 4 Repetitive Loss Properties Offer relocation/mitigation incentives to current flood hazard area property owners; initiate a community program to acquire repetitive loss structures identified by FEMA *Continued NFIP Compliance*	Dam and Levee Failure (Flooding); Flooding (Flash and Riverine)	New	Existing	New Action	Office of Emergency Management	2011-2016	$70,000+ per property	FEMA HMGP, PDN, FMA, RFC and SRL, Homeowner, General Fund.	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
La Vernia 5 Additional Flood Proof at the Wastewater Treatment Plant *Continued NFIP Compliance*	Dam and Levee Failure (Flooding); Flooding (Flash and Riverine)	Existing	Existing	On-going as funding becomes available	Public Works	2011-2016	$300,000	FEMA HMGP, PDN, FMA-TWDB, General Fund, SARA	High
2005 Projects that will not be included in the Plan Update:									
Purchase communications equipment to aid in the timely dissemination of warnings and information with regards to evacuating the city and downstream areas of the county during flood and severe storm events	Flooding	Existing		**Removed – Project is no longer a mitigation priority for the City**	Police Department	2005	$90,000	External Sources	High
City of Stockdale									
Stockdale 1 Improve storm water drainage within residential and commercial areas by removing brush and debris, opening and widening waterways, restricting building in the flood zone, and widening bridges. *Continued NFIP Compliance*	Flooding	Existing	Existing	Status on project is 90% complete. There are two remaining properties that need to be purchased to complete project.	Emergency Management	2011 - 2016 Implementation scheduled for 2004 and dependent on funding availability (A phase I project was started but was awaiting permit from the U.S. Army Corps of Engineers)	$750,000 - $2,000,000	General revenue / grants (USACE – Clearing and Snagging Projects, Texas Water Development Board).	High

Wilson County and Municipalities Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Stockdale 2 Testing and coding fire hydrants	Wildfire	Existing	NA	Deferred pending funding	City Water and Fire Department	2011 - 2016	$5,000	General funds	Medium
Stockdale 3 New construction of waterway bridges on 6th & 8th Streets crossing Stockdale Creek *Continued NFIP Compliance*	Flooding	New	New	Planning	Emergency Management	2011 - 2016 Implementation schedule for 2011 and dependent on funding availability (Possible FEMA funding)	$200,000	General Revenue / Grants	High
Stockdale 4 Detention/Retention pond and Reservoir to store excess stormwater on School property along Fordtran Street *Continued NFIP Compliance*	Flooding	New	New, Existing	Planning	Local Agreement between Stockdale Emergency Management/Stockdale ISD	2011 – 2016 Implementation schedule for 2011 and dependent on funding available	$500,000-$1,500,000	General Revenue / Grants available to both. Municipality and School District	High
Stockdale 5 Retrofitting of Critical Facilities/ Generators for Water, Wastewater Utilities to Stand Alone, including Emergency Service Facility Generator	Tropical Systems / Hurricanes, Winter Storms, Thunderstorms, Tornadoes	New	Existing	Planning	City Utilities Department	2011 – 2016 Implementation in 2011 and dependent on funds available. (possible FEMA funding/Grants	$150,000-$250,000, $50,000	General Revenue / Grants	Medium

Table 8.3.2-12
San Antonio River Authority Mitigation Action Plan

San Antonio River Authority (SARA) Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
SARA									
Note: Some of the projects below are designated as both "New" and "Existing" projects. These projects are large, multi-year projects, many of which were included in the 2005 Plan. Some portions of the projects have been completed, but the project has been carried over because it is either unfinished, or has been altered to include additional work.									
SARA 1 Implementation of Bexar County Flood Warning System *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	Existing	NA	Ongoing and pending funding	SARA	2011 – 2016, with targeted completion date of 2013	$1,200,000	SARA	High
SARA 2 Dam Rehabilitation Projects & Dam O&M Efforts *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New & Existing	Existing	Projects pending funding, O&M ongoing	SARA	2011 - 2026; O&M Ongoing	Projects: $14,000,000 O&M: $250,000/year	Bexar County, Karnes County, NRCS & other potential grants	High
SARA 3 Flood Buyouts (4 counties) *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New	Existing	Pending funding	SARA and local political jurisdiction	2011 – 2016, with targeted completion date of 2015	$11,500,000	SARA and local political jurisdictions	High

San Antonio River Authority (SARA) Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
SARA 4 Tributary Modeling *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	Existing	NA	Ongoing	SARA	2011 - 2016	$150,000/year	SARA and local political jurisdictions	High
SARA 5 River Debris Cleanup Projects and O&M Efforts *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New & Existing	NA	Pending funding	SARA	2011 – 2016, with targeted completion date of 2015	$350,000/year	SARA's General Fund, grants	Medium
SARA 6 Telemetry of SARA-owned Dams and O&M Efforts *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New & Existing	Existing	Currently there is a SCASA program that applies to all SARA infrastructure	SARA	2011 – 2016, with targeted completion date of 2012; O&MJ Ongoing	Project: $150,000 O&M: $75,000	SARA's General Fund, grants	Medium
SARA 7 Implement public education and outreach of flood control program *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New & Existing	Na	Ongoing	SARA and local political jurisdiction	2011 - 2016	$250,000/year	SARA's General Fund, grants	Medium

San Antonio River Authority (SARA) Mitigation Action Plan									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
SARA 8 Bexar County Flood Master Plan (Study and CIP) *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New & Existing	NA	Ongoing	SARA and local political jurisdiction	2011 – 2016, with targeted completion date of 2015	Study: $2,500,000 CIP: $1 Billion	SARA and local political jurisdictions	Medium
SARA 9 Wilson, Karnes and Goliad Counties Flood Master Plan *Continued NFIP Compliance for Counties/Communities Served*	Flooding (Flash and Riverine) Flooding (Dam/Levee Failure)	New & Existing	NA	Ongoing & Pending funding	SARA and local political jurisdiction	2011 – 2016, with targeted completion date of 2013	Study: $500,000 CIP: $200 Million	SARA and local political jurisdictions	Medium

8.4 Prioritization and Implementation of Mitigation Actions

The preceding sections identify specific actions to achieve identified goals, an appropriate responsible party for each action, and a schedule for accomplishment and suggested funding sources. These tables also indicate an initial prioritization of the actions.

The considerations were general feasibility and anticipated effectiveness in reducing risk. Detailed benefit cost analyses were not performed (see notes below) but general cost effectiveness of the types of actions being considered was taken into account.

For the county and municipal mitigation actions, initial priorities were set in a similar manner by the Local Coordinators and the Hazard Mitigation Teams; the mitigation action items with highest priority were generally considered to be the most cost effective and most compatible with the communities' social and cultural values.

Per the results of the Capability Assessment in Section 7, of particular concern regarding the effective implementation of mitigation actions and strategies is that there is often little to no staffing available at the local level to devote to hazard mitigation related activities. Staffing, resources, and coordination of effort are at a premium with little chance of significant change to these issues in the foreseeable future. Therefore, the inclusion of any specific action item in this document does not commit region, counties, or municipalities to implementation. Each item will be considered for implementation in terms of the available staff and funding resources on a periodic basis. In addition, certain items may require regulatory changes or other decisions that must be implemented through standard processes, such as changing regulations.

Individual communities will implement identified projects with their own resources as they are able to program capital improvement funds. The individual municipalities will generally follow the priorities set in this Plan Update, although variations in funding may alter the specific order. However, it is anticipated that the majority of the actions in the Plan Update will be implemented as funds become available through various federal mitigation grant programs.

The method that the Local Hazard Mitigation Teams used to help them consider and prioritize potential action items for funding applications at that time in a systematic way is called the *Social, Technical, Administrative, Political, Legal, Economic, and Environmental* (STAPLEE) method. This method aided the teams in weighing the pros and cons of different alternatives for each of the identified actions and objectives. A presentation was provided to each participant, for use at their local meeting, which provided for the listing of identified actions and the STAPLEE criteria. The local teams reviewed each criterion, and the ranking of each project was devised accordingly. Table 8.4-1 describes the basic criteria in the STAPLEE methodology.

Table 8.4-1
STAPLEE Criteria

STAPLEE	Criteria Explanation
S-Social	Mitigation actions are acceptable to the community if they do not adversely affect a particular segment of the population, do not cause relocation of lower income people, and if they are compatible with the community's social and cultural values.
T-Technical	Mitigation actions are technically most effective if they provide long-term reduction of losses and have minimal secondary adverse impacts.
A-Administrative	Mitigation actions are easier to implement if the jurisdiction has the necessary staffing and funding.
P-Political	Mitigation actions can truly be successful if all stakeholders have been offered an opportunity to participate in the planning process and if there is public support for the action.
L-Legal	It is critical that the jurisdiction or implementing agency have the legal authority to implement and enforce a mitigation action.
E-Economic	Budget constraints can significantly deter the implementation of mitigation actions. Hence, it is important to evaluate whether an action is cost-effective, as determined by a cost benefit review, and possible to fund.
E-Environmental	Sustainable mitigation actions that do not have an adverse effect on the environment, that comply with federal, state, and local environmental regulations, and that are consistent with the community's environmental goals, have mitigation benefits while being environmentally sound.

Once funding sources are identified, (e.g., via grant announcements from TDEM or FEMA) the list of mitigation actions will be reviewed to select actions that meet the particular grant criteria. Then, the local hazard mitigation teams will determine priority rankings for the short list of projects. Depending on the available grant funding, the local teams will determine how many of the selected and prioritized projects should be submitted for funding starting with the highest priority projects as determined at the time.

Benefit-Cost Analysis

Per the IFR, communities are required to use benefit cost analysis to prioritize projects for implementation. At this stage, the analysis of costs and benefits has been done at a general level. However, as project funding becomes available, the parish and municipalities will undertake a more extensive process.

Benefit-cost analysis (BCA) compares the benefits of mitigation measures to the costs, and is a technique used for evaluating the cost-effectiveness of mitigation measures. FEMA requires a BCA for all mitigation projects that receive FEMA funding.

The local hazard mitigation team discussed the potential costs associated with each type of mitigation measure and decided that any project could be cost effective if its scope were properly tailored to the situation. For example, one of the most effective mitigation measures identified for repetitively flooded structures is elevation. It may not be cost effective to elevate every single repetitively flooded structure in the region, but it certainly would be cost effective to elevate those that cause the largest drain to the NFIP.

After discussing the possible costs of the various mitigation measures, the teams decided that instead of working on developing a very generic BCA at this time for projects that may not ever be authorized, they would wait until specific funding sources are identified and available. For example, most municipalities are not financially capable of elevating or acquiring any repetitively flooded structures without federal grant assistance. However, at the time that grants become available (HMGP, after disasters or PDM, and FMA grants annually), the county or municipality will collect detailed information on each structure that is interested in participating in the grant program and perform a BCA to help rank the structures as part of the STAPLEE process to determine which should receive funding first.

8.5 Completed Mitigation Actions Since 2005

The following table provides information regarding the actions and projects that have been completed since the approval of the 2005 AACOG Regional Hazard Mitigation Plan. Each hazard mitigation team for each participating jurisdiction was asked to review the actions described in the 2005 Plan, and to provide a status update for each action listed (i.e., complete, partially complete, deferred, no longer applicable, etc.). The following table groups all of the completed actions together, organized first by county and then by municipality (as applicable).

Table 8.5-1
Completed Mitigation Actions Since 2005

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Atascosa County – City of Pleasanton									
Reduce flooding / poor drainage at Pulliam Franklin Street	Flooding	Existing		Complete	Public Works		$25,000	Grant (Texas Water Development Board, future Hazard Mitigation Grant Program, Public Assistance and/or Pre-Disaster Mitigation funds)	Medium
Bandera County and the City of Bandera									
Implement Community Emergency Response Teams (CERTs) Response Teams (CERTs) within county and in all communities.	All Hazards	Existing		Complete and Ongoing	Emergency Operations Center (EOC) and AACOG	2004/Initial train-the-trainer course has been completed	$500,000	State and Federal Funds (FEMA)	High
Investigate FEMA and state post-disaster assistance programs.	All Hazards	Existing		Complete	EOC	Within 3 years	None other than staff time	None	Medium

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bexar County – City of Converse									
Revitalize existing channel of west branch of Saltrillo Creek from FM 1976 to Gibbs Sprawl Rd.	Down Stream Flooding	Existing	N/A	Complete	City of Converse Street Department	N/A	$20,000.00	General Revenue	Moderate
Revitalize existing channel of east branch of Saltrillo Creek from Kneupper Rd	Down Stream Flooding	Existing	N/A	Complete	City of Converse Street Department	N/A	$20,000.00	General Revenue	Moderate
Revitalize existing channel of Martinez Creek from Kittyhawk Rd. to Martinez Creek Dam # 4	Down Stream Flooding	Existing	N/A	Complete	City of Converse Street Department	N/A	$20,000.00	General Revenue	Moderate
Bexar County – City of Live Oak									
Evaluate other building and fire codes for possible adoption by the community, in an effort to create safer structures with regard to wind damage and fire loss.	All Hazards	Existing	NA	Complete	Fire Department / Building Department and Planning & Zoning	NA	$10,000	General Revenue	Medium
Bexar County – City of Terrell Hills									
Drainage study and rebuild drainage ditch between Tuttle and Elizabeth	Flood			This project was completed in August of 2007	City Manager's Office/ Planning	Design phase underway, estimated completion 2009	$1,000,000	Undetermined/ possibly grant	Medium
Mapping underground drainage system	Flood			Underground drainage was mapped in 2004. The capacity was not evaluated.	City Manager's Office/ Planning	Ongoing with anticipated completion 2007	$20,000	General Fund	Medium

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Regrade and repave Eldon Road	Drainage and Flooding			This project was completed in 2003	City Manager's Office/ Planning	Project started December 2003/ planned completion May 2004	$600,000	General fund	High

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Bexar County – City of Windcrest									
Continue to develop Community Emergency Response Team (CERT) program to allow community members to assist first responders in emergency situations	All Hazards	Existing	NA	Complete. Will keep team active using general revenue.	Infrastructure	FY 2003-2004	$500	General Funds. Grants	Moderate
Guadalupe County									
#4 – Flood Control Infrastructure Mitigate Flood threat at road crossing by constructing a bridge at Gembler Rd. at Santa Clara	Flooding	New	Existing	COMPLETE	Road & Bridge	2/2005	$200,000		High
#5 – Flood Control Infrastructure Mitigate Flood threat at road crossing by constructing a bridge at Santa Clara Rd. South	Flooding	New	Existing	COMPLETE	Road & Bridge	4/2005	$150,000		High
Guadalupe County – City of Marion									
#1 – Infrastructure Mitigate safety risks by Installing monitoring and surveillance equipment at wells, storage, and wastewater treatment plants	Hazardous Materials	Existing	Existing	Action was completed	Utilities	2006	$30,000	Possible External Sources	High
Guadalupe County – City of Schertz									
#1 – Public Awareness Obtain fire safety and severe weather trailer	Tornadoes, thunderstorms	New	N/A	Project was Completed	Fire Department	2005	$30,000	Community Donations & General Revenue	High

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
#2 – Emergency Services Explore methods and sources for the installation of one or more stream-flow gauges on Cibolo Creek between existing gauges at Selma & Boerne	Flooding	New	Existing	Remove One Gauge Installed at Cibolo Creek	Emergency Management	2004	$10,000	General Revenue	High
#3 – Management Practices Develop interagency communication plan	All Hazard	New	Existing	Remove Project was Completed	Police Department	2005	$10,000	General Revenue	High
#6 – Emergency Services Locate funding sources for $1.5 million interoperable radio communication system	All Hazard	New	Existing	REMOVE Project was completed	Emergency Management	N/A	N/A	General Revenue	Medium
#8 –Flood Control Infrastructure Replace wooden pedestrian bridge at East Aviation with flood resistant steel structure	Flooding	New	Existing	REMOVE Project was Completed	Public Works	N/A	$10,000	Hazard Mitigation Grant Program (HMGP)	Medium
#9 – Flood Control Infrastructure Develop plan to validate elevation of roadway where East Aviation crosses Cibolo Creek	Flooding	New	Existing	REMOVE Roadway was raised	Community Development	N/A	$30,000	General Revenue	Medium

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
#10 – Hazard Control Infrastructure Evaluate survivability and physical security of the Emergency Operations Center (EOC)	All Hazard	New	Existing	REMOVE Change in Progress Location to be determined in 2011	Emergency Management	N/A	$5,000	General Revenue	Medium
Guadalupe County – City of Seguin									
#1 – Emergency Services Construct Emergency Operations (EOC) to ensure disaster response and recovery	All Hazard	Existing	New	COMPLETE	City of Seguin	2004	$100,000	Grant	High
#3 – Flood Control Infrastructure Rebuild street to prevent ongoing flooding of residential properties at Bluebonnet Street	Flooding	Existing	Existing	COMPLETE	City of Seguin	2004	$500,000	External	High
#4 – Flood Control Infrastructure Replace old water line (16") to prevent rupture due to drought conditions and resulting in area flooding and loss of potable water supply	Flooding	Existing	Existing	COMPLETE	City of Seguin	2004	$1,000,000	External	High
Karnes County									

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Establish fully functional Emergency Operations Center and alternate EOC locations with communications equipment, etc	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes / sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	New	Complete	Karnes County HMT	2011 – 2016	$300,000	External Sources	High
Upgrade public alert systems to meet FCC requirements	Flooding, dam / levee failure, tornado, TS / hurricane, thunderstorm, drought, hail, wildfire, winter storms, earthquakes / sinkholes, energy pipeline failures, hazardous materials incident, pandemic / communicable disease, terrorism	Existing	Existing	Complete	Karnes County HMT and Karnes County Sheriff's Office	2011 – 2016	$380,000	External Sources, Grants	High

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Medina County									
Establish an Emergency Management Office with full-time staff or a full-time trained manager	All Hazards	Existing	NA	COMPLETE	Medina County	FY-2003	$75,000 - $100,000	Grants / general revenue (DHS – EOC funding, EMPG, All-Hazard EM Ops Planning)	Very High
Medina County – City of Castroville									
Install a public warning system (sirens).	Flooding, Severe Storms, Tornadoes	Existing	NA	COMPLETE	City of Castroville	Spring 2004	$35,000	General revenue / contingency / bonds	High
Stabilize hillside of River Road roadway	Erosion	Existing	Existing	COMPLETE	City of Castroville	Still under development	$6,000,000	General revenue / contingency / bonds	High
Create an automated weather observation system.	All Hazards	Existing	NA	COMPLETE	City of Castroville	Still under development, but expected to be completed within 1 year.	$85,000	General revenue / external sources (FEMA – PDM, HMGP, AFG, EMPG)	Medium
Medina County – City of Devine									
Install early warning system to tie into countywide system.	All Hazards	Existing	NA	COMPLETE	Public Works	2004	$25,000	Grants / general revenue (FEMA – AFG, EMPG, HMGP, PDM)	High
Medina County – City of Hondo									

Completed Mitigation Actions									
Mitigation Action or Measure	**Hazard(s) Addressed**	**Existing or New Action**	**Applies to New or Existing Structure**	**Status of Project**	**Responsible Party / Agency / Department**	**Target Completion Date**	**Estimated Cost**	**Potential Funding Source(s)**	**Priority**
Install public warning system	All Hazards	Existing	Existing and New	COMPLETE	Emergency Management and Police Department	Pending funding – within 2 years	$80,000	Grants	High
Hire a full-time emergency management coordinator	All Hazards	Existing	NA	COMPLETE	City of Hondo	By 2004	$75,000	Grants / general fund	High
Medina County – City of Natalia									
Install early warning system to tie in to county-wide system	All Hazards	Existing	NA	COMPLETE	Public Works	2004	$25,000	Grants / General revenue (EMPG)	High
Wilson County									
Investigate and implement timely HMGP acquisition programs in post-disaster environments.	Flooding	Existing		Completed	Wilson County	2005		Grants	Medium

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Section 9
Plan Monitoring and Maintenance

Contents of this Section

9.1 Interim Final Rule Requirement for Plan Monitoring and Maintenance
9.2 Method for Maintaining the Plan
9.3 Method, Schedule and Procedures for Monitoring the Plan
9.4 Continued Public Involvement
9.5 Incorporation into Existing Planning Mechanisms

9.1 Interim Final Rule Requirement for Plan Monitoring and Maintenance

Requirement §201.6(c)(4)(i): *[The plan maintenance process **shall** include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle*

Requirement §201.6(c)(4)(ii): *[The plan **shall** include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Requirement §201.6(c)(4)(iii): *[The plan maintenance process **shall** include a] discussion on how the community will continue public participation in the plan maintenance process.*

The *Plan Monitoring and Maintenance* section discusses how the mitigation strategy will be implemented by participating jurisdictions and how the Plan will be evaluated and enhanced over time. This section also discusses how the public will continue to be involved in the hazard mitigation planning process.

The process for monitoring and maintain the Plan that was described in the 2005 Plan was reviewed and considered during the development of the strategy described in this section. It was determined that some revisions would be required to the 2005 Plan's strategy, as the path for plan updates moving forward would be significantly different than was anticipated in 2005. As this Plan Update will be the final Regional Mitigation Plan allowed by the State of Texas, consideration must be given to the future separation of the plan components and responsibilities for future updates. It was determined, after review of the monitoring and maintenance processes described in the 2005 Plan and after discussion with and amongst AACOG and the participating jurisdictions that the overall responsibility for both monitoring and maintaining the overall plan would continue to lie with AACOG and the EMC. The participating jurisdictions, however, would assume greater responsibility for the monitoring and maintenance of the data in the Plan Update that pertains to their specific jurisdiction. This revision should allow for greater familiarity with the plan

documents by the participating jurisdictions in the future, and should ease the transition from a large regional plan with many participants to a smaller plan that focuses on a more confined geographical area.

9.2 Method for Maintaining the Plan

Each jurisdiction participating in this Plan Update is responsible for implementing specific mitigation actions as prescribed in the *Mitigation Action Plan* (Section 8). Each action has been assigned to a specific person or local government office that is responsible for implementing that specific action. Because each jurisdiction has specific mitigation actions that will be implemented, they have adopted their locally specific Mitigation Action Plan section of the Plan separately. As a result of this process, the individual jurisdictions may update that specific section of the Plan without meeting with the remainder of the AACOG Executive Mitigation Committee. Separate adoption of locally specific actions is also required so that each jurisdiction is not held responsible for the action(s) of every other jurisdiction involved in the planning process.

For each identified action, a funding source has also been listed that may be used when the jurisdiction begins seeking funding for implementation of the action. Also, an implementation time period, or a specific implementation date, has been assigned to each action to serve as incentive for seeing the action through to completion and as a gauge to determine if actions are being implemented in a timely fashion.

It will be up to each participating jurisdiction to determine additional implementation procedures beyond their Mitigation Action Plan. This includes integrating the Plan into other planning documents, processes or mechanisms such as comprehensive or capital improvement plans, where appropriate.

9.3 Method, Schedule and Procedures for Monitoring the Plan

Periodic revisions and updates of the Plan are required to ensure that the goals and objectives described in Section 8 are kept current, taking into account potential changes in hazards vulnerability and mitigation priorities. More importantly, revisions may be necessary to ensure that the Plan is in full compliance with federal regulations and state statutes. This portion of the Plan outlines the schedule and procedures for completing such revisions and updates.

9.3.1 Five-Year Plan Review and Update

As of May 2010, TDEM will no longer allow mitigation plans that contain more than two (2) counties. It is uncertain at this time precisely how future reviews and updates will be conducted and configured, and how the participating jurisdictions will decide to move forward, as this decision from TDEM will require all fifty-eight (58) participating jurisdictions in this Plan Update to consider the options open to them for continuing mitigation planning.

One possible method for reviewing and updating the Plan Update would begin approximately three (3) year from the date of the approval of this Plan Update. The participating jurisdictions would first determine how future Plan Updates would be configured, as the State will no longer support Regional Mitigation Plans, moving forward. Funding for the individual or joint plan updates would be applied for/determined. Once participants and funds are secured, the newly-aligned plan update participants would review this Plan Update to determine whether there have been any significant changes in the planning area that might affect the Plan. Increased development, increased

exposure to certain hazards, the development of new mitigation capabilities or techniques, and changes to federal or state legislation are examples of changes that may affect the condition of the Plan. This review also gives community officials an opportunity to evaluate those actions that have been successful and to explore the possibility of documenting those losses avoided.

The required five-year update may be coordinated by AACOG through the Regional Emergency Preparedness Advisory Committee (REPAC). Alternatively, jurisdictions may decide to develop their own plans, or to work with neighboring jurisdictions to develop plans. Where possible, AACOG will assist jurisdictions that request assistance with hazard mitigation information or planning-related tasks, or with seeking or applying for funding.

Each jurisdiction is encouraged to make yearly reviews and minor changes without approval from the AACOG REPAC (see Local Plan Amendment Process below).

9.3.2 Plan Monitoring and Evaluation

As the owner of the grant that funded the development of this Plan Update, AACOG has an interest in seeing that the risk and vulnerability of the participating jurisdictions is mitigated wherever possible and where resources allow. AACOG expects that at least some of the mitigation strategy described in this Plan Update will be implemented over the period of plan effectiveness, and will assist the participating jurisdictions wherever possible to apply for and secure funding, as well as providing any relevant information to participating jurisdictions to assist with the application or project development process. In addition, because they have an interest in the future mitigation efforts of the participating jurisdictions, they will monitor the mitigation strategy described in the Plan Update, to determine where they may be of assistance to their partner counties and municipalities.

AACOG is responsible for the general evaluation of the Plan Update over the period of plan effectiveness. They will collect data regarding implemented actions and newly-available or updated hazard data, which will be made available to participating jurisdictions. This gathering and dissemination of information will be accomplished through the Regional Emergency Preparedness Action Committee (REPAC), which regularly meets monthly. While this topic may not be discussed at every meeting, this existing venue will allow for transference of information from AACOG to participating jurisdictions and vice versa.

The Emergency Preparedness Manager for AACOG will be responsible for the continued coordination of the monitoring and periodic evaluation of this plan. The Emergency Management Coordinator from each jurisdiction (see Table 9.3.2-1) will make yearly updates to AACOG on the progress of the implementation of their mitigation actions. The yearly reports should coincide with the anniversary of the approval date of this plan. These yearly reports will aid the AACOG Emergency Preparedness Manager to satisfactorily monitor the progression of the mitigation actions in the Plan Update, as well as to evaluate the success or failure of the mitigation strategies of the participating jurisdictions.

These annual reports from the jurisdictional EMCs will serve as the primary method for monitoring and evaluating this Plan Update. Additional criteria that may be used by the jurisdictional Emergency Management Coordinators to monitor and evaluate the Plan Update include:

- Annual identification of any changes to the jurisdiction's hazards, risks, vulnerability or capability;

- Annual identification of any significant changes to jurisdiction's data, particularly data related to critical facilities and assets;
- Annual identification of any mitigation actions that have been completed or implemented;
- Annual identification of any mitigation actions for which funding is being sought; or
- Annual identification of any mitigation actions that have been found to be no longer applicable or appropriate for the community.

If any of the jurisdictions that participated in this planning effort wish to not participate in future updates of the Plan, they must notify the AACOG Emergency Preparedness Manager in writing.

Table 9.3.2-1
Local Points of Contact for Plan Monitoring and Updating

Jurisdiction	Title	Work Phone	Email Address	Address	City	Zip
Atascosa County	EMC	830.769.2029	emc-fire@2fastmail.com	711 Oak Street	Jourdanton	78026
Charlotte	EMC	830.769.2029	emc-fire@2fastmail.com	711 Oak Street	Jourdanton	78026
Christine	EMC	830.769.2029	emc-fire@2fastmail.com	711 Oak Street	Jourdanton	78026
Lytle	EMC	830.769.2029	emc-fire@2fastmail.com	711 Oak Street	Jourdanton	78026
Pleasanton	EMC	830.769.2029	emc-fire@2fastmail.com	711 Oak Street	Jourdanton	78026
Jourdanton	EMC	830.769.2029	emc-fire@2fastmail.com	711 Oak Street	Jourdanton	78026
Bandera County	EMC	830.460.8299	banderaeoc@indian-creek.net	3360 State Highway 173 N	Bandera	78003
Bandera	EMC	830.460.8299	banderaeoc@indian-creek.net	3360 State Highway 173 N	Bandera	78003
Bexar County	EMC	210.335.0300	rcoleman@bexar.org	622 Dolorosa	San Antonio	78207
Alamo Heights	Fire Chief / EMC	210.824.1281	bkuhn@alamoheightstx.gov	6116 Broadway	San Antonio	78209
Balcones Heights	Fire Chief	210.735.9406	pprince@balconesheights.org	3300 Hillcrest Drive	San Antonio	78201
Castle Hills	EMC	210.342.2341	firechief-chfd@satx.rr.com	209 Lemonwood Dirive	San Antonio	78213
Converse	EMC	210.658.2322	cityhall@conversetx.net	407 South Seguin	Converse	78109
Helotes	EMC	210.695.3572	rwall@helotes-tx.gov	PO Box 507	Helotes	78023
Kirby	EMC	210.661.2612	kirbyfd886@yahoo.com	112 Bauman	Kirby	78219
Leon Valley	EMC	210.684.3249	r.lee@leonvalleytexas.gov	6460 El Verde	Leon Valley	78238
Live Oak	EMC	210.653.9140	gwoppert@liveoaktx.net	8001 Shin Oak	Live Oak	78233
Saint Hedwig	EMC	210.335.0300	susannb@aiemail.net	203 W Nueva, Ste 302	San Antonio	
San Antonio	EMC	210.206.8580	emergencyoperationscenter@sanantonio.gov	PO Box 35488	San Antonio	78235
Somerset	Mayor	830.710.4100	city.administrator@somersettx.gov	7360 E 6th Street	Somerset	78069
Terrell Hills	EMC	210.824.7401	jseibert@terrell-hills.com	5100 N New Braunfels	San Antonio	78209
Universal City	EMC	210.659.0333	firechief@universalcitytexas.com	2160 Universal City Blvd	Universal City	78148
Windcrest	EMC	210.655.0022	thall@windcrest-tx.gov	8601 MidCrown	Windcrest	78239

Jurisdiction	Title	Work Phone	Email Address	Address	City	Zip
Von Ormy	EMC	210.618.3483	emc@vonormytexas.com	PO Box 10	Von Ormy	78073
Comal County	EMC	830.221.1108	cctcje@co.comal.tx.us	150 North Seguin	New Braunfels	78130
Bulverde	EMC	830.221.1108	cctcje@co.comal.tx.us	150 North Seguin	New Braunfels	78130
Garden Ridge	EMC	830.221.1108	cctcje@co.comal.tx.us	150 North Seguin	New Braunfels	78130
New Braunfels	EMC	830.221.1108	cctcje@co.comal.tx.us	150 North Seguin	New Braunfels	78130
Frio County	EMC	830.334.2154	friojudge@hotmail.com	500 E San Antonio, #5	Pearsall	78061
Dilley	EMC	830.334.2154	friojudge@hotmail.com	500 E San Antonio, #5	Pearsall	78061
Pearsall	EMC	830.334.2154	friojudge@hotmail.com	500 E San Antonio, #5	Pearsall	78061
Gillespie County	EMC	830.990.2033	jculpepper@fbgtx.org	126 W Main Street	Fredericksburg	78624
Fredericksburg	EMC	830.990.2033	jculpepper@fbgtx.org	126 W Main Street	Fredericksburg	78624
Guadalupe County	EMC	830.303.8856	dkinsey@co.guadaluoe.tx.us	415 E Donegan	Seguin	78155
Cibolo	EMC	830.303.8856	dkinsey@co.guadalupe.tx.us	415 E Donegen	Seguin	78155
Santa Clara	EMC	830.303.8856	dkinsey@co.guadalupe.tx.us	415 E Donegen	Seguin	78155
Seguin	EMC	830.401.2312	gdreiss@seguintexas.gov	660 S Highway 46	Seguin	78155
Schertz	EMC	210.619.1666	btodd@schertz.com	1400 Schertz Parkway	Schertz	78154
Karnes County	EMC	830.299.1524	sdupnik@sbcglobal.net	125 Bluebonnet	Kenedy	78119
Falls City	EMC	830.299.1524	sdupnik@sbcglobal.net	125 Bluebonnet	Kenedy	78119
Karnes City	EMC	830.299.1524	sdupnik@sbcglobal.net	101 N Panna Nova	Karnes City	78118
Kenedy	EMC	830.299.1524	sdupnik@sbcglobal.net	125 Bluebonnet	Kenedy	78119
Runge	EMC	830.299.1524	sdupnik@sbcglobal.net	125 Bluebonnet	Kenedy	78119
Kerr County	EMC	830.257.8449	cbarton@co.kerr.tx.us	400 Clearwater Paseo	Kerrville	78028
Ingram	Marshal	830.367.2636	rzachry@ingramtx.com	226 Highway 39	Ingram	78025
Kerrville	EMC	830.257.8449	pat.dunlap@kerrvilletx.gov	87 Coronado Drive	Kerrville	78028
Medina County	EMC	830.741.6191	wbmchu@yahoo.com	3103 Avenue G	Hondo	78861
Castroville	Police Chief	810.931.2222	pdchief@castroville.gov	411 London	Castroville	78009
Devine	EMC	830.663.4403	devinepolice@yahoo.com	303 S Teel Drive	Devine	78016
Hondo	EMC	210.275.2664	tfousse@hondo-tx.org	1600 Avenue M	Hondo	78861
Natalia	Mayor	830.663.2926	rvera@cityofnatalia.com	2078 State Highway 132 N	Natalia	78059

Jurisdiction	Title	Work Phone	Email Address	Address	City	Zip
Wilson County	EMC	830.393.8351	leannema@felpsis.net	800 Tenth Street, Bldg B	Floresville	78114
Floresville	City Manager	830.393.3105	citymanager@cityoffloresville.org	1120 D Street	Floresville	78114
La Vernia	Police Chief	830.779.4514	bhyattlvpd@lavernia-tx.gov	PO Box 225	LaVernia	78121
Stockdale	EMC	830.381.1713	chiefsfd4100@gmail.com	PO Box 446	Stockdale	78160
San Antonio River Authority	General Manager	210.302.3613	sbscott@sara-tx.org	100 East Guenther Street	San Antonio	78283

9.3.3 Disaster Declarations

Following a disaster declaration, the Plan will be revised by each affected jurisdiction to reflect lessons learned or to address specific circumstances arising from the changing conditions surrounding subsequent disaster events.

9.3.4 Reporting Procedures

The results of the five-year review will be summarized in a report prepared for the AACOG Board of Directors. The report will include an evaluation of the effectiveness and appropriateness of the Plan, and will recommend, as appropriate, any required changes or amendments to the Plan. The report will also include an evaluation of implementation progress for each of the proposed mitigation actions, identifying reasons for delays or obstacles to their completion along with recommended strategies to overcome them.

9.3.5 Local Plan Amendment Process

Participating counties and municipalities can amend their Mitigation Action Plans at any time. An amendment to the Plan should be initiated only by the local governing body, either on its own initiative or upon the recommendation of the chief elected official, planner, emergency management coordinator, or local Hazard Mitigation Teams or Hazard Mitigation Team leaders.

Minor revisions and clarifying changes can be made by the local governing body without going through the public participation and adoption process. Examples of these changes include:

- Minor spelling and grammatical corrections; and
- Minor corrections to statistics, dates and calculations.

The local point of contact for each jurisdiction shall make an annual report to AACOG documenting any changes made to the Mitigation Actions.

9.4 Continued Public Involvement

AACOG and the participating jurisdictions are dedicated to continued public involvement and education in the review, maintenance, monitoring and updating of this Plan Update. All jurisdictions are aware of the need for public participation and involvement for successful plan implementation. This commitment is reflected in many of the mitigation actions described in Section 8 of this Plan Update. Public education campaigns and community planning groups are a means of continuing the public's involvement in building a more sustainable, more disaster resistant community. Other examples of how participating jurisdictions will continue to involve the public are town hall meeting, public forums and comment periods, and the solicitation of comments on proposed projects prior to implementation, particularly those that are located in or will affect a special flood hazard area.

Public input was an integral part of the completion of this Plan Update and will continue to be essential as this Plan grows and changes. As is the case with any officially adopted plan or ordinance, any significant change to this Plan shall require a public hearing. Minor changes may be made without individual public notices, but will be included to allow comment in any public hearing that is held to address significant changes.

Other efforts to involve the public in the maintenance, evaluation and revision process will be made as necessary. These efforts will include:

- Advertising meetings of the REPAC (quarterly) and the Local Hazard Mitigation Teams (as needed) on appropriate county or municipal websites, in the local paper, on public bulletin boards and/or in city and county office buildings, as well as at the AACOG office;
- Utilizing local media to update the public of any maintenance or periodic review activities taking place;
- Utilizing municipal and county web sites to advertise any maintenance or periodic review activities taking place; and
- Keeping copies of the Plan Update in all public libraries, on the official website, or in other public facilities, within the jurisdictions.

The Texas Division of Emergency Management or members of the AACOG Planning Team may also provide suggestions.

9.5 Incorporation into Existing Planning Mechanisms

Despite not being a regulatory or planning authority, AACOG does have mechanisms by which the data contained in this Plan Update can and will be made available to and incorporated by participating jurisdictions into their existing planning mechanisms.

AACOG provides their member communities with information and assistance related to grant applications and administration. They can and do assist jurisdictions with seeking information regarding available grants, with completion and submission of applications, and with the management and administration of grants after award.

Additionally, AACOG maintains an internal GIS department, which in turn maintains an extensive database of information and images, including the hazard and risk data contained in this Plan Update. AACOG makes this data available to participating jurisdictions, and will continue to do so in the future. This data can be used by participating jurisdictions for a plethora of purposes, including in their own planning mechanisms, in grant applications, and in community education and outreach activities.

It is expected that future plans in the planning area, including futures mitigation plans, will incorporate the data contained in this Plan Update, as well as the data available through AACOG's GIS department.

A wide variety of planning authority and action exists within the planning area. It is not practical to specifically detail how this Plan Update will be incorporated into each participating jurisdiction, as that process has yet to be determined by many of the participating jurisdictions. Examples of how the mitigation strategy and information contained in the 2005 Plan was incorporated into a local planning mechanism can be found in Section 8.5 of this Plan Update, Table 8.5-1, *Completed Mitigation Actions Since 2005*. The following participating jurisdictions were able to successfully incorporate the findings of the hazard identification and risk assessment described in the 2005 Plan into

their project planning mechanisms, and to implement at least a portion of the mitigation strategies identified for their jurisdiction:

- Atascosa County, City of Pleasanton
- Bandera County / City of Bandera
- Bexar County, City of Converse
- Bexar County, City of Live Oak
- Bexar County, City of Terrell Hills
- Bexar County, City of Windcrest
- Guadalupe County
- Guadalupe County, City of Schertz
- Guadalupe County, City of Seguin
- Karnes County
- Medina County
- Medina County, City of Castroville
- Medina County, City of Devine
- Medina County, City of Hondo
- Medina County, City of Natalia
- Wilson County

In addition, some participants have taken the opportunity to use the information found in the 2005 Plan to develop or expand programs designed to address the risks and vulnerabilities identified, in addition to the mitigation actions described in the Plan. This information has been used, to the extent possible, to create more disaster-resistant, resilient communities. This effort will likely continue with the adoption of this Plan Update.

This sub-section will detail the responsibilities of each participating jurisdiction as it relates to the incorporation of this Plan Update into other planning mechanisms and processes, to ensure that they are aware of their responsibilities and can develop their process(es) accordingly.

All participating jurisdictions are responsible for creating and maintaining a process by which this plan update will be considered and incorporated the requirements into other planning efforts (where appropriate). Existing plans were considered during the creation of this plan, including

- Comprehensive Plans
- Capital Improvement Plans
- Emergency Operation Plans
- Ordinances and Policies

Further description of the reviewed plans and ordinances can be found in Section 5, Planning Process.

Going forward, this Plan Update will also be considered in the development and updating of new and existing participant planning efforts. This Plan Update will guide other planning mechanisms towards maintaining an effective mitigation program for all participants.

PLAN MAINTENANCE PROCEDURES

Upon approval of the Plan Update, each participating jurisdiction will be provided with an electronic copy of the approved Plan Update. The local points of contact designated in Table 9.3.2-1 will be responsible for making the approved Plan Update available to the appropriate staff within their jurisdiction or entity, to ensure that the approved Plan Update can be incorporated into all applicable local planning mechanisms. It is anticipated that the local point of contact will attend meetings and/or workshops where the development or update of existing plans and planning documents will be discussed, to ensure consistency and incorporation where appropriate. This will ensure that the hazard mitigation goals, objectives and actions described in this Plan Update, as well as the findings of the Hazard Identification and Risk Assessment, are considered wherever appropriate during each participating jurisdiction's planning process.

In addition, the approved Plan Update will be accessible to the local official responsible for the following areas:

- Emergency Management
- Grants
- Public Works
- Capital Improvement Planning
- Comprehensive Planning
- Floodplain Management

The Emergency Preparedness Manager for AACOG will be available to all participating jurisdictions to provide assistance with and guidance regarding incorporating the information and findings of this Plan Update into other local planning mechanisms.

APPENDIX A

Crosswalks

Contents of this Section

A.1 AACOG Crosswalk
A.2 TDEM Crosswalk
A.3 FEMA Crosswalk
A.4 Final Crosswalk

Note to Reviewers: This appendix will be completed as the crosswalks are completed and received.

A.1 AACOG Crosswalk

This appendix contains all crosswalks completed in connection to the AACOG Plan Update. This section contains the crosswalk completed by Witt Associates on behalf of AACOG and submitted for review with the draft plan update.

LOCAL MITIGATION PLAN REVIEW CROSSWALK

LOCAL MITIGATION PLAN REVIEW SUMMARY

The plan cannot be approved if the plan has not been formally adopted. Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a "**Needs Improvement**" score.

Prerequisite(s) (Check Applicable Box)	**NOT MET**	**MET**
1. Adoption by the Local Governing Body: §201.6(c)(5) OR		
2. Multi-Jurisdictional Plan Adoption: §201.6(c)(5) **AND**		
3. Multi-Jurisdictional Planning Participation: §201.6(a)(3)		

Planning Process	**N**	**S**
4. Documentation of the Planning Process: §201.6(b) and §201.6(c)(1)		

Risk Assessment	**N**	**S**
5. Identifying Hazards: §201.6(c)(2)(i)		
6. Profiling Hazards: §201.6(c)(2)(i)		
7. Assessing Vulnerability: Overview: §201.6(c)(2)(ii)		
8. Assessing Vulnerability: Addressing Repetitive Loss Properties. §201.6(c)(2)(ii)		
9. Assessing Vulnerability: Identifying Structures, Infrastructure, and Critical Facilities: §201.6(c)(2)(ii)(B)		
10. Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)		
11. Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)		
12. Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii)		

*States that have additional requirements can add them in the appropriate sections of the *Local Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

SCORING SYSTEM

Please check one of the following for each requirement.

N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Mitigation Strategy	**N**	**S**
13. Local Hazard Mitigation Goals: §201.6(c)(3)(i)		
14. Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii)		
15. Identification and Analysis of Mitigation Actions: NFIP Compliance. §201.6(c)(3)(ii)		
16. Implementation of Mitigation Actions: §201.6(c)(3)(iii)		
17. Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv)		

Plan Maintenance Process	**N**	**S**
18. Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(i)		
19. Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)		
20. Continued Public Involvement: §201.6(c)(4)(iii)		

Additional State Requirements*	**N**	**S**
Insert State Requirement		
Insert State Requirement		
Insert State Requirement		

LOCAL MITIGATION PLAN APPROVAL STATUS

PLAN NOT APPROVED	
See Reviewer's Comments	
PLAN APPROVED	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

Local Mitigation Plan Review and Approval Status

Jurisdiction:	Title of Plan:	Date of Plan:
Alamo Area Council of Government	Alamo Area Council of Governments Regional Mitigation Action Plan Update	January 31, 2011 (Draft)

Local Point of Contact:	Address:
Mary Ruiz Kelly George	Alamo Area Council of Governments 8700 Tesoro Drive, Suite 160 San Antonio, Texas 78217
Title:	
Homeland Security Manager Hazard Mitigation Planner	Kelly George James Lee Witt Associates PO Box 191 Lutz, FL 33548-0191
Agency:	
Alamo Area Council of Governments James Lee Witt Associates	
Phone Number:	**E-Mail:**
210.361.5296 813.810.5429	mruiz@aacog.com kgeorge@wittassociates.com

State Reviewer:	Title:	Date:

FEMA Reviewer:	Title:	Date:
Date Received in FEMA Region [Insert #]		
Plan Not Approved		
Plan Approved		
Date Approved		

Jurisdictions:	NFIP Status*			
	Y	N	N/A	CRS Class
1. Atascosa County	X			NA

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

2.City of Charlotte (Atascosa County)	X			NA
3. City of Christine (Atascosa County)		X - Sanctioned		NA
4.City of Jourdanton (Atascosa County)	X			NA
5. City of Lytle (Atascosa County)	X			NA
6. City of Pleasanton (Atascosa County)	X			NA
7. City of Poteet (Atascosa County)	X			NA
8. Bandera County	X			NA
9. City of Bandera (Bandera County)	X			NA
10. Bexar County	X			NA
11. City of Alamo Heights (Bexar County)	X			NA
12. City of Balcones Heights (Bexar County)	X			NA
13. City of Converse (Bexar County)	X			NA
14. City of Helotes (Bexar County)	X			NA
15. City of Kirby (Bexar County)	X			NA
16. City of Leon Valley (Bexar County)	X			NA
17. City of Live Oak (Bexar County)	X			7
18. City of St. Hedwig (Bexar County)			X	NA
19. City of San Antonio (Bexar County)	X			NA
20. City of Somerset (Bexar County)	X			NA
21. City of Terrell Hills (Bexar County)	X			NA
22. City of Universal City (Bexar County)	X			NA
23. City of Von Ormy (Bexar County)	X			NA

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

24. City of Windcrest (Bexar County)	X			NA
25. Comal County	X			NA
26. City of Bulverde (Comal County)	X			NA
27. City of Garden Ridge (Comal County)	X			NA
28. City of New Braunfels (Comal County)	X			NA
29. Frio County	X			NA
30. City of Dilley (Frio County)	X			NA
31. City of Pearsall (Frio County)	X			NA
32. Gillespie County	X			NA
33. City of Fredericksburg (Gillespie County)	X			NA
34. Guadalupe County	X			8
35. City of Cibolo (Guadalupe County)	X			NA
36. City of Marion (Guadalupe County)	X			NA
37. City of New Berlin (Guadalupe County)	X			NA
38. City of Schertz (Guadalupe County)	X			NA
39. City of Seguin (Guadalupe County)	X			NA
40. City of Staples (Guadalupe County)	X			NA
41. Karnes County	X			NA
42. City of Falls City (Karnes County)	X			NA
43. City of Karnes City (Karnes County)	X			NA
44. City of Kenedy (Karnes County)	X			NA
45. City of Runge (Karnes County)	X			NA

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

46. Kerr County	X			NA
47. City of Ingram (Kerr County)	X			NA
48. City of Kerrville (Kerr County)	X			NA
49. Medina County	X			NA
50. City of Castroville (Medina County)	X			NA
51. City of Devine (Medina County)	X			NA
52. City of Hondo (Medina County)	X			NA
53. City of Natalia (Medina County)	X			NA
54. Wilson County	X			NA
55. City of Floresville (Wilson County)	X			NA
A56. City of La Vernia (Wilson County)	X			NA
57. City of Stockdale (Wilson County	X			NA
58. San Antonio River Authority			X	NA

* Notes: Y = Participating N = Not Participating N/A = Not Mapped

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

PREREQUISITE(S)

1. Adoption by the Local Governing Body

Requirement §201.6(c)(5): *[The local hazard mitigation plan **shall** include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Has the local governing body adopted **new or updated** plan?	Sec 4.3, Pgs 3-4, Appendix C	Dates will be filled in and documentation included once adoption takes place.		
B. Is supporting documentation, such as a resolution, included?	Appendix C	Supporting documentation will be included once adoption takes place.		
		SUMMARY SCORE		

2. Multi-Jurisdictional Plan Adoption

Requirement §201.6(c)(5): *For multi-jurisdictional plans, each jurisdiction requesting approval of the plan **must** document that it has been formally adopted.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Does the **new or updated** plan indicate the specific jurisdictions represented in the plan?	Sec 2.1. Pgs 2-3	The participating jurisdictions are named in Section 2.1, organized by county.		
B. For each jurisdiction, has the local governing body adopted the **new or updated** plan?		This has not yet occurred; Each jurisdiction will adopt the plan when the planning process is complete		
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?		This has not yet occurred; Supporting documentation will be included once adoption takes place		
		SUMMARY SCORE		

3. Multi-Jurisdictional Planning Participation

Requirement §201.6(a)(3): *Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process … Statewide plans will not be accepted as multi-jurisdictional plans.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Does the **new or updated** plan describe **how** each jurisdiction participated in the plan's development?	Sec 5.2, Pgs 2-8 Appendices E,F and G	This section provides a narrative of the process used to prepare the updated plan. The appendices provide a summary of meeting agendas, attendees, invitees, meeting notes/ minutes, and presentations.		
B. Does the updated plan identify all participating jurisdictions, including new, continuing, and the jurisdictions that no longer participate in the plan?	Sec 2.1, Pgs 2-3 Sec 5.5, Pgs 16-17	This section of the Plan Update addresses jurisdictions that did not participate in the plan update process from the planning area and the previous plan.		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

SUMMARY SCORE

PLANNING PROCESS: *§201.6(b): An open public involvement process is essential to the development of an effective plan.*

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process **shall** include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan **shall** document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the plan provide a narrative description of the process followed to prepare the **new or updated** plan?	Section 5.2, Pgs 16-17 Appendices E,F,G	This section provides a narrative of the process used to prepare the updated plan. The appendices provide a summary of meeting agendas, attendees, invitees, meeting minutes, and presentations.		
B. Does the **new or updated** plan indicate who was involved in the **current** planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, *etc.*?)	Sec 5.2, Pgs 2-6 Appendices E and G	This section provides a narrative of who was involved with the planning process and list of participants; Appendices E and G provide a summary of meeting attendees.		
C. Does the **new or updated** plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Sec 5.3, Pg 8	This section and table provides a narrative and table of the opportunities provided to the public for participation. The appendix provides public notices and participation documentation.		
D. **Does the new or updated plan discuss the** opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Sec 5.3, Pg 11	Narrative states that other interested parties, including businesses, academia, and nonprofit organizations, were invited to review the Draft and Final Plans, and were provided the opportunity to attend meetings via public notice.		
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Sec 5.4.1, 5.4.2, 5.4.3, 5.4.4, and 5.4.5 Pgs 12-16	The planning section describes the review and incorporation if applicable to existing plans, studies and technical information, including Federal, State, Regional, County, and municipal data. Tables show listing of studies reports and technical information that was used.		
F. **Does the updated plan document how the planning team reviewed and analyzed each section of the**	Sec 5.2.1.2-4, Pgs 7 and 8;	The narrative describes the process used by the planning team in updating the current plan, noting the review of the		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process* ***shall*** *include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan* ***shall*** *document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

	Location in the		SCORE	
plan and whether each section was revised as part of the update process?	Sec 6.3, Pg 3; Sec 8.4, Pg 47; Appendices E,F and G	previous plan information and the decisions and information incorporated in the current plan; appendices include documentation in the form of meeting agendas, minutes, and presentations where these decisions were made.		
		SUMMARY SCORE		

RISK ASSESSMENT: *§201.6(c)(2): The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

5. Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment* ***shall*** *include a] description of the type … of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include **a description** of the types of **all natural hazards** that affect the jurisdiction?	Sec 2.3.1, Pg 5; Sec 6.3.3, Pg 9; Sec 6.5, Pgs17-260; Appendix J	The plan update identifies natural hazards that affect the jurisdictions participating in the plan and provides a description of the hazards that affect the jurisdictions		
		SUMMARY SCORE		

6. Profiling Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment* ***shall*** *include a] description of the … location and extent of all natural hazards that can affect the jurisdiction. The plan* ***shall*** *include information on previous occurrences of hazard events and on the probability of future hazard events.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

A. Does the risk assessment identify the **location** (*i.e.*, geographic area affected) of each natural hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pgs 21-31; **Dam/Levee Failure** Pgs 43-55; **Tornado** Pgs 62, 64, 66-77; **Tropical Storm / Hurricane** Pgs 84-85; **Thunderstorm** Pg 95; **Drought** Pgs 104-116; **Hail** Pgs 122-133; **Wildfire** Pgs 137-156; **Winter Storm** Pgs 164-165; **Earthquake / Sinkhole** Pgs 173 - 192; **Energy Pipeline Failure** Pgs 200-211; **Hazmat Incident** Pgs 217-244; **Pandemic** Pg 251; **Terrorism** Pg 258	Each hazard profiled includes a discussion as to the location of each natural hazard. Where feasible and information was available, maps are included to illustrate the location of the hazard.		
B. Does the risk assessment identify the **extent** (*i.e.*, magnitude or severity) of each hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pgs 21-31; **Dam/Levee Failure** Pgs 41-55; **Tornado** Pgs 58-	Each hazard profiled includes a discussion as to the potential extent of each natural hazard. Where available, specific information (i.e., table, graphic, scale, etc.) was provided to address the magnitude or severity of the profiled hazard.		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

	62, 64, 66-77; **Tropical Storm / Hurricane** Pgs 79-81; **Thunderstorm** Pgs 91-93; **Drought** Pg 99; **Hail** Pgs 118-120; **Wildfire** Pgs 135, 136; **Winter Storm** Pgs 181-182; **Earthquake / Sinkhole** pg 169 –170; 173-192; **Energy Pipeline Failure** Pgs 199-211 ; **Hazmat Incident** Pgs 215, 217-244; **Pandemic** Pgs 246-251; **Terrorism** Pgs 254-255, 258			
C. Does the plan provide information on **previous occurrences** of each hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pgs 20-21; **Dam/Levee Failure** Pg 43; **Tornado** Pgs 61-65, 67-77; **Tropical Storm / Hurricane** Pgs 79-83; **Thunderstorm** Pgs 91-94; **Drought** Pgs 99-102; **Hail** Pgs 118-	Each hazard profiled includes a discussion as to the previous occurrences of each natural hazard, for those hazards which have recorded or known previous occurrences.		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

	122; **Wildfire** Pgs 135-138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158; **Winter Storm** Pg 161-165; **Earthquake / Sinkhole** Pgs 169-172; **Energy Pipeline Failure** Pg 200; **Hazmat Incident** Pgs 216-217; **Pandemic** Pgs 250-251; **Terrorism** Pg 257			
D. Does the plan include the **probability of future events** (*i.e.*, chance of occurrence) for each hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pg 21; **Dam/Levee Failure** Pg 43; **Tornado** pg 66; **Tropical Storm / Hurricane** Pgs 83-84; **Thunderstorm** Pgs 94-95; **Drought** Pgs 102-103; **Hail** Pg 122; **Wildfire** Pg 137; **Winter Storm** Pg 164; **Earthquake / Sinkhole** Pgs 172-173; **Energy Pipeline Failure** Pg 200; **Hazmat Incident**	Each hazard profiled includes a discussion as to the probability of a future occurrence of each natural hazard. This information was provided by the participants, and was largely based on their knowledge and experience.		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

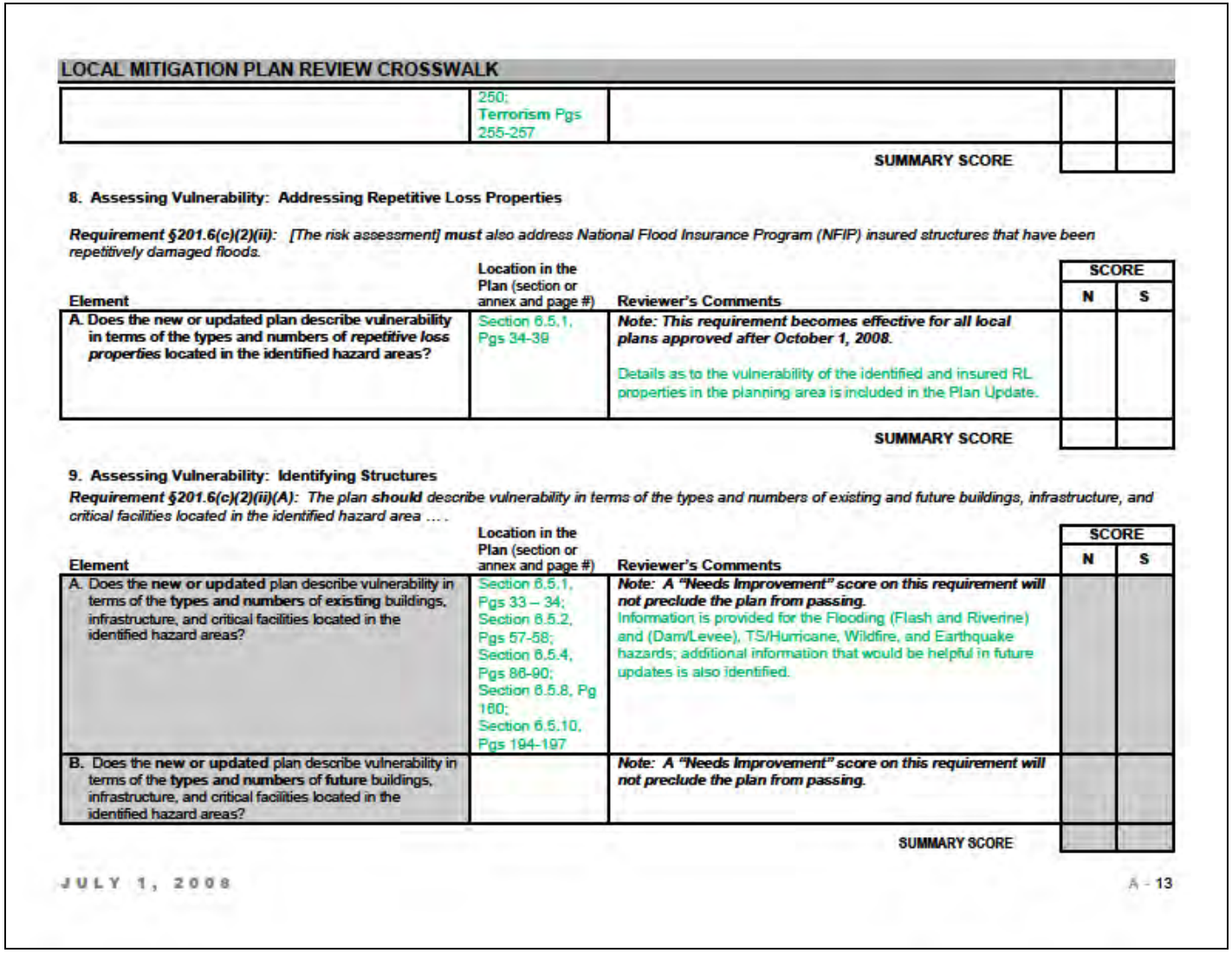
	Pg 217; **Pandemic** Pg 251; **Terrorism** Pgs 257-258			
		SUMMARY SCORE		

7. Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): *[The risk assessment **shall** include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description **shall** include an overall summary of each hazard and its impact on the community.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include an **overall summary** description of the jurisdiction's **vulnerability** to each hazard?	Section 6.4, Pgs 9, 11-17	Overall matrix supplied for all hazards with rankings for High, Medium, Low; explanation of matrix criteria also provided.		
B. Does the **new or updated** plan address the **impact** of each hazard on the jurisdiction?	Sections 6.5.1 through 6.5.14 **Flooding** Pg 20; **Dam/Levee Failure** Pg 42; **Tornado** Pg 61; **Tropical Storm / Hurricane** Pgs 81-82; **Thunderstorm** Pg 93; **Drought** Pg 100; **Hail** Pg 120; **Wildfire** Pg 137; **Winter Storm** Pg 163; **Earthquake / Sinkhole** Pgs 170-171; **Energy Pipeline Failure** Pg 199; **Hazmat Incident** Pgs 215-216; **Pandemic** Pg	Each hazard profiled includes a discussion as to the potential impact of each hazard profiled.		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

	250; Terrorism Pgs 255-257			
		SUMMARY SCORE		

8. Assessing Vulnerability: Addressing Repetitive Loss Properties

Requirement §201.6(c)(2)(ii): *[The risk assessment] **must** also address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged floods.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the new or updated plan describe vulnerability in terms of the types and numbers of *repetitive loss properties* located in the identified hazard areas?	Section 6.5.1, Pgs 34-39	***Note: This requirement becomes effective for all local plans approved after October 1, 2008.*** Details as to the vulnerability of the identified and insured RL properties in the planning area is included in the Plan Update.		
		SUMMARY SCORE		

9. Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): *The plan **should** describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area ….*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers** of **existing** buildings, infrastructure, and critical facilities located in the identified hazard areas?	Section 6.5.1, Pgs 33 – 34; Section 6.5.2, Pgs 57-58; Section 6.5.4, Pgs 86-90; Section 6.5.8, Pg 160; Section 6.5.10, Pgs 194-197	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** Information is provided for the Flooding (Flash and Riverine) and (Dam/Levee), TS/Hurricane, Wildfire, and Earthquake hazards; additional information that would be helpful in future updates is also identified.		
B. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers** of **future** buildings, infrastructure, and critical facilities located in the identified hazard areas?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***		
		SUMMARY SCORE		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

10. Assessing Vulnerability: Estimating Potential Losses

Requirement §201.6(c)(2)(ii)(B): *[The plan **should** describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate … .*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan estimate **potential dollar losses** to vulnerable structures?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***		
B. Does the **new or updated** plan describe the **methodology** used to prepare the estimate?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***		
		SUMMARY SCORE		

11. Assessing Vulnerability: Analyzing Development Trends

Requirement §201.6(c)(2)(ii)(C): *[The plan **should** describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe land uses and development trends?	Section 3.2.7, Pgs 26-28 Section 3.2.4, Pgs 14-19	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** Section 3 provides data regarding land use and the narrative provides information regarding development trends (economic)		
		SUMMARY SCORE		

12. Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): *For multi-jurisdictional plans, the risk assessment **must** assess each jurisdiction's risks where they vary from the risks facing the entire planning area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Section 6.4.2, Pgs 10-17; Appendix K	A risk assessment table is provided comprising a qualitative risk assessment for each jurisdiction. Individual risk assessment information for each jurisdiction is included in the appendix.		
		SUMMARY SCORE		

MITIGATION STRATEGY: *§201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

13. Local Hazard Mitigation Goals

***Requirement §201.6(c)(3)(i):** [The hazard mitigation strategy **shall** include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include a description of mitigation **goals** to reduce or avoid long-term vulnerabilities to the identified hazards?	Section 9.2.2, Pgs 4-6	This section addresses the goals for reducing or avoiding long term vulnerability to the identified hazards		
		SUMMARY SCORE		

14. Identification and Analysis of Mitigation Actions

***Requirement §201.6(c)(3)(ii):** [The mitigation strategy **shall** include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan identify and analyze a **comprehensive range** of specific mitigation actions and projects for each hazard?	Sec 8.3.2, Pgs 9-46	Implementation table includes specific mitigation actions taken across the region for a range of hazards		
B Do the identified actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?	Sec 8.3.2, Pgs 9-46	Implementation table provides mitigation actions that reduce the effects of hazards on new buildings and infrastructure		
C. Do the identified actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?	Sec 8.3.2, Pgs 9-46	Implementation table provides mitigation actions that reduce the effects of hazards on existing buildings and infrastructure		
		SUMMARY SCORE		

15. Identification and Analysis of Mitigation Actions: National Flood Insurance Program (NFIP) Compliance

***Requirement: §201.6(c)(3)(ii):** [The mitigation strategy] must also address the jurisdiction's participation in the National Flood Insurance Program (NFIP), and continued compliance with NFIP requirements, as appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the new or updated plan describe the jurisdiction (s) participation in the NFIP?	Section 7, pgs 18-24	***Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.*** NFIP Participation Table provides participation information for each jurisdiction in the Plan Update.		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

B. Does the mitigation strategy identify, analyze and prioritize actions related to continued compliance with the NFIP?	Sec 8.3.2, Pgs 9-46	***Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.*** Actions such as enforcing floodplain ordinances and codes are examples of continued compliance with the NFIP.		
		SUMMARY SCORE		

16. Implementation of Mitigation Actions

Requirement §201.6(c)(3)(iii): *[The mitigation strategy section **shall** include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization **shall** include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** mitigation strategy include how the actions are **prioritized**? (For example, is there a discussion of the process and criteria used?)	Sec 8.4, Pg 47	Narrative provides a summary of the process used to identify mitigation actions.		
B. Does the **new or updated** mitigation strategy address how the actions will be implemented and administered, including the responsible department , existing and potential resources and the timeframe to complete each action?	Sec 8.3.2, Pgs 9-46	Implementation table addresses implementation and administration for each jurisdiction and mitigation action.		
C. Does the **new or updated** prioritization process include an emphasis on the use of a **cost-benefit review** to maximize benefits?	Sec 8.4, Pgs 48-49	The plan details the benefit-cost analysis procedures the participants used to develop and prioritize their mitigation actions.		
D. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Sec 8.3.2, Pgs 9-46 Sec 8.5, Pgs 49-51	Implementation table addresses benchmark questions regarding actions and provides rationale as to why; Completed actions table provides information regarding projects completed since 2005 plan.		
		SUMMARY SCORE		

17. Multi-Jurisdictional Mitigation Actions

Requirement §201.6(c)(3)(iv): *For multi-jurisdictional plans, there **must be** identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include identifiable **action items** for each jurisdiction requesting FEMA approval of	Sec 8.3.2, Pgs 9-46	The implementation table includes action items for each jurisdiction requesting FEMA approval		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

the plan?				
B. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Sec 9.3.2, Pgs 9-46 Sec 8.5, Pgs 49-51	For each jurisdiction requesting FEMA approval, the implementation tables addresses deferred actions and provides rationale as to why; Completed actions table provides information regarding complete projects.		
		SUMMARY SCORE		

PLAN MAINTENANCE PROCESS

18. Monitoring, Evaluating, and Updating the Plan

Requirement §201.6(c)(4)(i): *[The plan maintenance process* ***shall*** *include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe the method and schedule for **monitoring** the plan, including the responsible department?	Sec 9.3, Pgs 2-6	The plan describes the responsible parties for plan monitoring, as well as a schedule for plan review; the narrative also note that future multi-jurisdictional plans and updates will be limited to a maximum of two counties, and the uncertainty involved for each jurisdictions future plan maintenance due to this.		
B. Does the **new or updated** plan describe the method and schedule for **evaluating** the plan, including how, when and by whom (*i.e.* the responsible department)?	Sec 9.3, Pgs 2-6	The plan addresses the method of evaluation. The table provides the responsible department and personnel; ; the narrative also note that future multi-jurisdictional plans and updates will be limited to a maximum of two counties, and the uncertainty involved for each jurisdictions future plan maintenance due to this.		
C. Does the **new or updated** plan describe the method and schedule for **updating** the plan within the five-year cycle?	Sec 9.3.1, Pg 2	The plan address the method and schedule for updating; ; the narrative also note that future multi-jurisdictional plans and updates will be limited to a maximum of two counties, and the uncertainty involved for each jurisdictions future plan maintenance due to this.		
		SUMMARY SCORE		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

19. Incorporation into Existing Planning Mechanisms

***Requirement §201.6(c)(4)(ii):** [The plan **shall** include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan identify other local planning mechanisms available for incorporating the mitigation requirements of the mitigation plan?	Sec 5.4.3, Pgs 14-15 Sec 5.4.4, Pg 15 Sec 5.4.5, Pg 16 Sec 9.5, Pg 7	Section 5 describes the local planning mechanisms that were available for incorporation during the development of this plan update. Section 9.5 describes how this Plan Update will be incorporated into other local planning mechanisms.		
B. Does the **new or updated** plan include a process by which the local government will incorporate the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Sec 9.5, Pg 7	Section 9.5 describes how this Plan Update will be incorporated into other local planning mechanisms.		
C. Does the **updated** plan explain how the local government incorporated the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Sec 9.5, Pg 7	Section 9.5 describes how this Plan Update will be incorporated into other local planning mechanisms.		
		SUMMARY SCORE		

Continued Public Involvement

***Requirement §201.6(c)(4)(iii):** [The plan maintenance process **shall** include a] discussion on how the community will continue public participation in the plan maintenance process.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan explain how **continued public participation** will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Sec 9.4, Pgs 6-7	The plan addresses continued public participation and includes notices to the public.		
		SUMMARY SCORE		

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A.2 TDEM Crosswalk

This section contains the crosswalk completed by the Texas Division of Emergency Management's Mitigation Section for the AACOG Plan Update. This crosswalk was received on April 25, 2011.

LOCAL MITIGATION PLAN REVIEW CROSSWALK

LOCAL MITIGATION PLAN REVIEW SUMMARY

The plan cannot be approved if the plan has not been formally adopted. Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a "**Needs Improvement**" score.

Prerequisite(s) (Check Applicable Box)	NOT MET	MET
1. Adoption by the Local Governing Body: §201.6(c)(5) OR		N/A
2. Multi-Jurisdictional Plan Adoption: §201.6(c)(5) AND		N/A
3. Multi-Jurisdictional Planning Participation: §201.6(a)(3)	X	

Planning Process	N	S
4. Documentation of the Planning Process: §201.6(b) and §201.6(c)(1)	X	

Risk Assessment	N	S
5. Identifying Hazards: §201.6(c)(2)(I)	X	
6. Profiling Hazards: §201.6(c)(2)(I)	X	
7. Assessing Vulnerability: Overview: §201.6(c)(2)(II)	X	
8. Assessing Vulnerability: Addressing Repetitive Loss Properties. §201.6(c)(2)(II)	X	
9. Assessing Vulnerability: Identifying Structures, Infrastructure, and Critical Facilities: §201.6(c)(2)(II)(B)		
10. Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(II)(B)		
11. Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(II)(C)		
12. Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(III)		X

*States that have additional requirements can add them in the appropriate sections of the *Local Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

SCORING SYSTEM

Please check one of the following for each requirement.

N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Mitigation Strategy	N	S
13. Local Hazard Mitigation Goals: §201.6(c)(3)(I)		X
14. Identification and Analysis of Mitigation Actions: §201.6(c)(3)(II)	X	
15. Identification and Analysis of Mitigation Actions: NFIP Compliance. §201.6(c)(3)(II)	X	
16. Implementation of Mitigation Actions: §201.6(c)(3)(III)	X	
17. Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(IV)	X	

Plan Maintenance Process	N	S
18. Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(II)		X
19. Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(II)	X	
20. Continued Public Involvement: §201.6(c)(4)(III)		X

Additional State Requirements*	N	S
Insert State Requirement		
Insert State Requirement		
Insert State Requirement		

LOCAL MITIGATION PLAN APPROVAL STATUS

PLAN NOT APPROVED See Reviewer's Comments	X
PLAN APPROVED	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

Local Mitigation Plan Review and Approval Status

Jurisdiction: Alamo Area Council of Government	**Title of Plan:** Alamo Area Council of Governments Regional Mitigation Action Plan Update	**Date of Plan:** January 31, 2011 (Draft)
Local Point of Contact: Mary Ruiz Kelly George	**Address:** Alamo Area Council of Governments 8700 Tesoro Drive, Suite 160 San Antonio, Texas 78217 Kelly George James Lee Witt Associates PO Box 191 Lutz, FL 33548-0191	
Title: Homeland Security Manager Hazard Mitigation Planner		
Agency: Alamo Area Council of Governments James Lee Witt Associates		
Phone Number: 210.361.5296 813.810.5429	**E-Mail:** mruiz@aacog.com kgeorge@wittassociates.com	

State Reviewer: Maureen Donnelley	**Title:**	**Date: 4/25/11**

FEMA Reviewer:	**Title:**	**Date:**
Date Received in FEMA Region [Insert #]		
Plan Not Approved		
Plan Approved		
Date Approved		

	NFIP Status*			
Jurisdictions:	**Y**	**N**	**N/A**	**CRS Class**
1. Atascosa County	X			NA

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

2.City of Charlotte (Atascosa County)	X			NA
3. City of Christine (Atascosa County)		X - Sanctioned		NA
4.City of Jourdanton (Atascosa County)	X			NA
5. City of Lytle (Atascosa County)	X			NA
6. City of Pleasanton (Atascosa County)	X			NA
7. City of Poteet (Atascosa County)	X			NA
8. Bandera County	X			NA
9. City of Bandera (Bandera County)	X			NA
10. Bexar County	X			NA
11. City of Alamo Heights (Bexar County)	X			NA
12. City of Balcones Heights (Bexar County)	X			NA
13. City of Converse (Bexar County)	X			NA
14. City of Helotes (Bexar County)	X			NA
15. City of Kirby (Bexar County)	X			NA
16. City of Leon Valley (Bexar County)	X			NA
17. City of Live Oak (Bexar County)	X			7
18. City of St. Hedwig (Bexar County)			X	NA
19. City of San Antonio (Bexar County)	X			NA
20. City of Somerset (Bexar County)	X			NA
21. City of Terrell Hills (Bexar County)	X			NA
22. City of Universal City (Bexar County)	X			NA
23. City of Von Ormy (Bexar County)	X			NA

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

24. City of Windcrest (Bexar County)	X			NA
25. Comal County	X			NA
26. City of Bulverde (Comal County)	X			NA
27. City of Garden Ridge (Comal County)	X			NA
28. City of New Braunfels (Comal County)	X			NA
29. Frio County	X			NA
30. City of Dilley (Frio County)	X			NA
31. City of Pearsall (Frio County)	X			NA
32. Gillespie County	X			NA
33. City of Fredericksburg (Gillespie County)	X			NA
34. Guadalupe County	X			8
35. City of Cibolo (Guadalupe County)	X			NA
36. City of Marion (Guadalupe County)	X			NA
37. City of New Berlin (Guadalupe County)	X			NA
38. City of Schertz (Guadalupe County)	X			NA
39. City of Seguin (Guadalupe County)	X			NA
40. City of Staples (Guadalupe County)	X			NA
41. Karnes County	X			NA
42. City of Falls City (Karnes County)	X			NA
43. City of Karnes City (Karnes County)	X			NA
44. City of Kenedy (Karnes County)	X			NA
45. City of Runge (Karnes County)	X			NA

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

46. Kerr County	X			NA
47. City of Ingram (Kerr County)	X			NA
48. City of Kerrville (Kerr County)	X			NA
49. Medina County	X			NA
50. City of Castroville (Medina County)	X			NA
51. City of Devine (Medina County)	X			NA
52. City of Hondo (Medina County)	X			NA
53. City of Natalia (Medina County)	X			NA
54. Wilson County	X			NA
55. City of Floresville (Wilson County)	X			NA
A56. City of La Vernia (Wilson County)	X			NA
57. City of Stockdale (Wilson County	X			NA
58. San Antonio River Authority			X	NA

* Notes: Y = Participating N = Not Participating N/A = Not Mapped

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

PREREQUISITE(S)

1. Adoption by the Local Governing Body

Requirement §201.6(c)(5): *[The local hazard mitigation plan **shall** include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Has the local governing body adopted **new or updated** plan?	Sec 4.3, Pgs 3-4, Appendix C	Dates will be filled in and documentation included once adoption takes place.		N/A
B. Is supporting documentation, such as a resolution, included?	Appendix C	Supporting documentation will be included once adoption takes place.		N/A
		SUMMARY SCORE		N/A

2. Multi-Jurisdictional Plan Adoption

Requirement §201.6(c)(5): *For multi-jurisdictional plans, each jurisdiction requesting approval of the plan **must** document that it has been formally adopted.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Does the **new or updated** plan indicate the specific jurisdictions represented in the plan?	Sec 2.1, Pgs 2-3	The participating jurisdictions are named in Section 2.1, organized by county.		X
B. For each jurisdiction, has the local governing body adopted the **new or updated** plan?		This has not yet occurred; Each jurisdiction will adopt the plan when the planning process is complete		N/A
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?		This has not yet occurred; Supporting documentation will be included once adoption takes place		N/A
		SUMMARY SCORE		N/A

3. Multi-Jurisdictional Planning Participation

Requirement §201.6(a)(3): *Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process … Statewide plans will not be accepted as multi-jurisdictional plans.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Does the **new or updated** plan describe **how** each jurisdiction participated in the plan's development?	Sec 5.2, Pgs 2-8 Appendices E,F and G	This section provides a narrative of the process used to prepare the updated plan. The appendices provide a summary of meeting agendas, attendees, invitees, meeting notes/ minutes, and presentations.		X
B. Does the updated plan identify all participating jurisdictions, including new, continuing, and the jurisdictions that no longer participate in the plan?	Sec 2.1, Pgs 2-3 Sec 5.5, Pgs 16-17	This section of the Plan Update addresses jurisdictions that did not participate in the plan update process from the planning area and the previous plan.	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

		It's not clear from the list whether jurisdictions are new participants for the update or if all were prior participants.		
		SUMMARY SCORE	X	

PLANNING PROCESS: *§201.6(b): An open public involvement process is essential to the development of an effective plan.*

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process* ***shall*** *include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan* ***shall*** *document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the plan provide a narrative description of the process followed to prepare the **new or updated** plan?	Section 5.2, Pgs 16-17 Appendices E,F,G	This section provides a narrative of the process used to prepare the updated plan. The appendices provide a summary of meeting agendas, attendees, invitees, meeting minutes, and presentations.		X
B. Does the **new or updated** plan indicate who was involved in the **current** planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, *etc.*?)	Sec 5.2, Pgs 2-6 Appendices E and G	This section provides a narrative of who was involved with the planning process and list of participants; Appendices E and G provide a summary of meeting attendees.		X
C. Does the **new or updated** plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Sec 5.3, Pg 8	This section and table provides a narrative and table of the opportunities provided to the public for participation. The appendix provides public notices and participation documentation. The plan addresses public's ability to participate in the drafting stage, but does not mention an opportunity prior to plan approval. (note: Commitment to public involvement is again addressed in discussion on monitoring and evaluating the approved plan.)	X	
D. **Does the new or updated plan discuss the** opportunity for neighboring communities, agencies,	Sec 5.3, Pg 11	Narrative states that other interested parties, including businesses, academia, and nonprofit organizations, were	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process* ***shall*** *include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan* ***shall*** *document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

	Location in the		SCORE	
businesses, academia, nonprofits, and other interested parties to be involved in the planning process?		invited to review the Draft and Final Plans, and were provided the opportunity to attend meetings via public notice. Interested parties mentioned, but the not the specific groups addressed in the question. FEMA is looking for a statement confirming that each of these groups was targeted for input.	X	
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Sec 5.4.1, 5.4.2, 5.4.3, 5.4.4, and 5.4.5 Pgs 12-16	The planning section describes the review and incorporation if applicable to existing plans, studies and technical information, including Federal, State, Regional, County, and municipal data. Tables show listing of studies reports and technical information that was used.		X
F. Does the updated plan document how the planning team reviewed and analyzed each section of the plan and whether each section was revised as part of the update process?	Sec 5.2.1.2-4, Pgs 7 and 8; Sec 6.3, Pg 3; Sec 8.4, Pg 47; Appendices E,F and G	The narrative describes the process used by the planning team in updating the current plan, noting the review of the previous plan information and the decisions and information incorporated in the current plan; appendices include documentation in the form of meeting agendas, minutes, and presentations where these decisions were made. FEMA is looking for a discussion about how planners analyzed **each section** of the existing plan and decided how to update it or whether to leave it unchanged. This process should be described in a narrative.	X	
		SUMMARY SCORE	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

RISK ASSESSMENT: *§201.6(c)(2): The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

5. Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment **shall** include a] description of the type … of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include **a description** of the types of **all natural hazards** that affect the jurisdiction?	Sec 2.3.1, Pg 5; Sec 6.3.3, Pg 9; Sec 6.5, Pgs17-260; Appendix J	The plan update identifies natural hazards that affect the jurisdictions participating in the plan and provides a description of the hazards that affect the jurisdictions **Thunderstorm**: the statistic concerning lightening-related deaths on page 6-91 does not match that on page 6-92. **Sinkholes**: A reference to earthquakes on page 6-171 instead of sinkholes seems to be a typographical error.	X	
		SUMMARY SCORE	X	

6. Profiling Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment **shall** include a] description of the … location and extent of all natural hazards that can affect the jurisdiction. The plan **shall** include information on previous occurrences of hazard events and on the probability of future hazard events.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the risk assessment identify the **location** (*i.e.*, geographic area affected) of each natural hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pgs 21-31; **Dam/Levee Failure** Pgs 43-55; **Tornado** Pgs 62, 64, 66-77; **Tropical Storm / Hurricane** Pgs 84-85;	Each hazard profiled includes a discussion as to the location of each natural hazard. Where feasible and information was available, maps are included to illustrate the location of the hazard. Note: The text on many of the maps is blurred and difficult to read – particularly when the font is small in the legend. **Flood**: A few of the maps need more information. The maps for Bexar County and Bandera County do not identify any cities. Guadalupe County does not identify the City of Staples.	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

	Thunderstorm Pg 95; **Drought** Pgs 104-116; **Hail** Pgs 122-133; **Wildfire** Pgs 137-158; **Winter Storm** Pgs 164-165; **Earthquake / Sinkhole** Pgs 173 - 192; **Energy Pipeline Failure** Pgs 200-211; **Hazmat Incident** Pgs 217-244; **Pandemic** Pg 251;**Terrorism** Pg 258	**Dam Failure**: The maps need to show run off areas. This information is not known precisely, but an estimate of inundation areas needs to be made so that it's more clear what mitigation actions can be taken to minimize future damage and what's in harm's way – a large population, for example. This isn't necessary for every dam in the jurisdiction, but for the dams of consequence - high risk and significant risk dams. This doesn't have to be too sophisticated – you can go to Google maps, print out the area surrounding each dam, and circle an estimated inundation area. If you use the view that shows topography you'll get a better idea of how the landscape will come into play. **Wildfire**: Please give definitions for the map legends with regard to high, medium and low interface/intermix.		
B. Does the risk assessment identify the **extent** (*i.e.*, magnitude or severity) of each hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pgs 21-31; **Dam/Levee Failure** Pgs 41-55; **Tornado** Pgs 59-62, 64, 66-77; **Tropical Storm / Hurricane** Pgs 79-81; **Thunderstorm** Pgs 91-93; **Drought** Pg 99; **Hail** Pgs 119-120; **Wildfire** Pgs 135, 136; **Winter Storm** Pgs 161-162;	Each hazard profiled includes a discussion as to the potential extent of each natural hazard. Where available, specific information (i.e., table, graphic, scale, etc.) was provided to address the magnitude or severity of the profiled hazard. **Hurricane**: On the pages indicated, extent is not addressed specific to the planning area. However, on page 86 there's a discussion of Wind Risk Zone 3 that begins to address extent. However, that term is not defined, so it's not clear exactly what constitutes Wind Risk Zone 3. With a definition, this would satisfy the requirement to address extent. **Wildfire**: The Fire Danger Rating System is provided, but there needs to be a statement specific to the planning area on what rating of fires can be expected. **Winter Storm**: Again here, there's a general discussion, it's not clear what level of storms are expected within the planning area. **Earthquake**: The Mercalli Scale is given, but with no indication of what's expecting in planning area. The map on pg 173 is	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

	Earthquake / Sinkhole pg 169 –170; 173-192; **Energy Pipeline Failure** Pgs 199-211 ; **Hazmat Incident** Pgs 215, 217-244; **Pandemic** Pgs 246-251; **Terrorism** Pgs 254-255, 258	helpful, but the planning area is not clearly defined.		
C. Does the plan provide information on **previous occurrences** of each hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pgs 20-21; **Dam/Levee Failure** Pg 43; **Tornado** Pgs 61-65, 67-77; **Tropical Storm / Hurricane** Pgs 79-83; **Thunderstorm** Pgs 91-94; **Drought** Pgs 99-102; **Hail** Pgs 119-122; **Wildfire** Pgs 135-138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158; **Winter Storm** Pg 161-165; **Earthquake / Sinkhole** Pgs 169-172; **Energy Pipeline Failure** Pg 200;	Each hazard profiled includes a discussion as to the previous occurrences of each natural hazard, for those hazards which have recorded or known previous occurrences. **Tornado:** The figures giving the number of events and dollar value of property damage on page 64 do not match the figures on page 65.	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

	Hazmat Incident Pgs 216-217; **Pandemic** Pgs 250-251; **Terrorism** Pg 257			
D. Does the plan include the **probability of future events** (*i.e.*, chance of occurrence) for each hazard addressed in the **new or updated** plan?	Sections 6.5.1 through 6.5.14 **Flooding** Pg 21; **Dam/Levee Failure** Pg 43; **Tornado** pg 66; **Tropical Storm / Hurricane** Pgs 83-84; **Thunderstorm** Pgs 94-95; **Drought** Pgs 102-103; **Hail** Pg 122; **Wildfire** Pg 137; **Winter Storm** Pg 184; **Earthquake / Sinkhole** Pgs 172-173; **Energy Pipeline Failure** Pg 200; **Hazmat Incident** Pg 217; **Pandemic** Pg 251; **Terrorism** Pgs 257-258	Each hazard profiled includes a discussion as to the probability of a future occurrence of each natural hazard. This information was provided by the participants, and was largely based on their knowledge and experience. Most hazards use terms such as low, moderate or high. However, these terms are not defined.	X	
		SUMMARY SCORE	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

7. Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): *[The risk assessment* ***shall*** *include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description* ***shall*** *include an overall summary of each hazard and its impact on the community.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include an **overall summary** description of the jurisdiction's **vulnerability** to each hazard?	Section 6.4, Pgs 9, 11-17	Overall matrix supplied for all hazards with rankings for High, Medium, Low; explanation of matrix criteria also provided.		X
B. Does the **new or updated** plan address the **impact** of each hazard on the jurisdiction?	Sections 6.5.1 through 6.5.14 **Flooding** Pg 20; **Dam/Levee Failure** Pg 42; **Tornado** Pg 81; **Tropical Storm / Hurricane** Pgs 81-82, 87-90; **Thunderstorm** Pg 93; **Drought** Pg 100; **Hail** Pg 120; **Wildfire** Pg 137 & 160; **Winter Storm** Pg 163; **Earthquake / Sinkhole** Pgs 170-171, 194-197; **Energy Pipeline Failure** Pg 199; **Hazmat Incident** Pgs 215-216; **Pandemic** Pg 250; **Terrorism** Pgs 255-257	Each hazard profiled includes a discussion as to the potential impact of each hazard profiled. Thunderstorm: The discussion is not specific to the planning area Winter Storm: This discussion is very vague. More detail would strengthen it greatly.	X	
		SUMMARY SCORE	X	

8. Assessing Vulnerability: Addressing Repetitive Loss Properties

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

Requirement §201.6(c)(2)(ii): *[The risk assessment] **must** also address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged floods.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the new or updated plan describe vulnerability in terms of the types and numbers of *repetitive loss properties* located in the identified hazard areas?	Section 6.5.1, Pgs 34-39	***Note: This requirement becomes effective for all local plans approved after October 1, 2008.*** Details as to the vulnerability of the identified and insured RL properties in the planning area is included in the Plan Update. Quantities are given, but plan must identify the types of buildings (residential, schools, businesses, etc.).	X	
		SUMMARY SCORE	X	

9. Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): *The plan **should** describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area … .*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers of existing** buildings, infrastructure, and critical facilities located in the identified hazard areas?	Section 6.5.1, Pgs 33 – 34; Section 6.5.2, Pgs 57-58; Section 6.5.4, Pgs 86-90; Section 6.5.8, Pg 160; Section 6.5.10, Pgs 194-197	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** Information is provided for the Flooding (Flash and Riverine) and (Dam/Levee), TS/Hurricane, Wildfire, and Earthquake hazards; additional information that would be helpful in future updates is also identified.		
B. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers of future** buildings, infrastructure, and critical facilities located in the identified hazard areas?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***		
		SUMMARY SCORE		

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

10. Assessing Vulnerability: Estimating Potential Losses

Requirement §201.6(c)(2)(ii)(B): *[The plan **should** describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate … .*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan estimate **potential dollar losses** to vulnerable structures?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***		
B. Does the **new or updated** plan describe the **methodology** used to prepare the estimate?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***		
		SUMMARY SCORE		

11. Assessing Vulnerability: Analyzing Development Trends

Requirement §201.6(c)(2)(ii)(C): *[The plan **should** describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe land uses and development trends?	Section 3.2.7, Pgs 26-28 Section 3.2.4, Pgs 14-19	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** Section 3 provides data regarding land use and the narrative provides information regarding development trends (economic)		
		SUMMARY SCORE		

12. Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): *For multi-jurisdictional plans, the risk assessment **must** assess each jurisdiction's risks where they vary from the risks facing the entire planning area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Section 6.4.2, Pgs 10-17; Appendix K	A risk assessment table is provided comprising a qualitative risk assessment for each jurisdiction. Individual risk assessment information for each jurisdiction is included in the appendix.		X
		SUMMARY SCORE		X

MITIGATION STRATEGY: *§201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

13. Local Hazard Mitigation Goals

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

***Requirement §201.6(c)(3)(i):** [The hazard mitigation strategy **shall** include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A Does the **new or updated** plan include a description of mitigation **goals** to reduce or avoid long-term vulnerabilities to the identified hazards?	Section 8.2.2, Pgs 4-6	This section addresses the goals for reducing or avoiding long term vulnerability to the identified hazards		X
		SUMMARY SCORE		X

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

14. Identification and Analysis of Mitigation Actions

Requirement §201.6(c)(3)(ii): *[The mitigation strategy* ***shall*** *include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan identify and analyze a **comprehensive range** of specific mitigation actions and projects for each hazard?	Sec 8.3.2, Pgs 9-46	Implementation table includes specific mitigation actions taken across the region for a range of hazards Many mitigation actions note that they address 'All Hazards.' This is no longer accepted by FEMA, but instead, each relevant hazard must be named. When this is done it will also be more clear whether the requirement of having a comprehensive range of actions has been met. At least two actions are needed for each named hazard. (Note: only the natural hazards are being considered/reviewed.)	X	
B Do the identified actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?	Sec 8.3.2, Pgs 9-46	Implementation table provides mitigation actions that reduce the effects of hazards on new buildings and infrastructure		X
C. Do the identified actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?	Sec 8.3.2, Pgs 9-46	Implementation table provides mitigation actions that reduce the effects of hazards on existing buildings and infrastructure		X
		SUMMARY SCORE	X	

15. Identification and Analysis of Mitigation Actions: National Flood Insurance Program (NFIP) Compliance

Requirement: §201.6(c)(3)(ii): *[The mitigation strategy] must also address the jurisdiction's participation in the National Flood Insurance Program (NFIP), and continued compliance with NFIP requirements, as appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the new or updated plan describe the jurisdiction (s) participation in the NFIP?	Section 7, pgs 19-24, Page 10	***Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.*** NFIP Participation Table provides participation information for each jurisdiction in the Plan Update.	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

		The City of Christine and the City of Staples are not listed.		
B. Does the mitigation strategy identify, analyze and prioritize actions related to continued compliance with the NFIP?	Sec 8.3.2, Pgs 9-46	***Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.*** Actions such as enforcing floodplain ordinances and codes are examples of continued compliance with the NFIP. FEMA requires that mitigation actions relevant to NFIP be identified. Please note this within the actions' descriptions.	X	
		SUMMARY SCORE	X	

16. Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): *[The mitigation strategy section* ***shall*** *include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization* ***shall*** *include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** mitigation strategy include how the actions are **prioritized**? (For example, is there a discussion of the process and criteria used?)	Sec 8.4, Pg ~~47-88-89~~	Narrative provides a summary of the process used to identify mitigation actions.		X
B. Does the **new or updated** mitigation strategy address how the actions will be implemented and administered, including the responsible department , existing and potential resources and the timeframe to complete each action?	Sec 8.3.2, Pgs 9-46	Implementation table addresses implementation and administration for each jurisdiction and mitigation action.		X
C. Does the **new or updated** prioritization process include an emphasis on the use of a **cost-benefit review** to maximize benefits?	Sec 8.4, Pgs ~~48-49~~ 89-90	The plan details the benefit-cost analysis procedures the participants used to develop and prioritize their mitigation actions.		X
D. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Sec 8.3.2, Pgs 9-46 Sec 8.5, Pgs 49-51	Implementation table addresses benchmark questions regarding actions and provides rationale as to why; Completed actions table provides information regarding projects completed since 2005 plan. Several existing mitigation actions show 'removed' but offer no explanation why the action is no longer being pursued.	X	
		SUMMARY SCORE	X	

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

17. Multi-Jurisdictional Mitigation Actions

***Requirement §201.6(c)(3)(iv):** For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include identifiable **action items** for each jurisdiction requesting FEMA approval of the plan?	Sec 8.3.2, Pgs 9-46	The implementation table includes action items for each jurisdiction requesting FEMA approval FEMA wants to see at least two new actions for each jurisdiction. If no new actions are available, I'd suggest at least changing the target completion date of existing actions to make them more current instead of showing a date in the past. Some show 'Existing and New' simultaneously, which is confusing and would be helped with an explanation.		X
B. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Sec 8.3.2, Pgs 9-46 Sec 8.5, Pgs 49-51	For each jurisdiction requesting FEMA approval, the implementation tables addresses deferred actions and provides rationale as to why; Completed actions table provides information regarding complete projects. Several existing mitigation actions show 'removed' but offer no explanation why the action is no longer being pursued.	X	
		SUMMARY SCORE	X	

PLAN MAINTENANCE PROCESS

18. Monitoring, Evaluating, and Updating the Plan

***Requirement §201.6(c)(4)(i):** [The plan maintenance process **shall** include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe the method and schedule for **monitoring** the plan, including the responsible department?	Sec 9.3, Pgs 2-6	The plan describes the responsible parties for plan monitoring, as well as a schedule for plan review; the narrative also note that future multi-jurisdictional plans and updates will be limited to a maximum of two counties, and the uncertainty involved for each jurisdictions future plan maintenance due to this.		X

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

B. Does the **new or updated** plan describe the method and schedule for **evaluating** the plan, including how, when and by whom (*i.e.* the responsible department)?	Sec 9.3, Pgs 2-6	The plan addresses the method of evaluation. The table provides the responsible department and personnel; ; the narrative also note that future multi-jurisdictional plans and updates will be limited to a maximum of two counties, and the uncertainty involved for each jurisdictions future plan maintenance due to this.		X
C. Does the **new or updated** plan describe the method and schedule for **updating** the plan within the five-year cycle?	Sec 9.3.1, Pg 2	The plan address the method and schedule for updating: ; the narrative also note that future multi-jurisdictional plans and updates will be limited to a maximum of two counties, and the uncertainty involved for each jurisdictions future plan maintenance due to this.		X
		SUMMARY SCORE		X

19. Incorporation into Existing Planning Mechanisms

***Requirement §201.6(c)(4)(ii):** [The plan **shall** include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan identify other local planning mechanisms available for incorporating the mitigation requirements of the mitigation plan?	Sec 5.4.3, Pgs 14-15 Sec 5.4.4, Pg 15 Sec 5.4.5, Pg 16 Sec 9.5, Pg 7	Section 5 describes the local planning mechanisms that were available for incorporation during the development of this plan update. Section 9.5 describes how this Plan Update will be incorporated into other local planning mechanisms.		X
B. Does the **new or updated** plan include a process by which the local government will incorporate the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Sec 9.5, Pg 7	Section 9.5 describes how this Plan Update will be incorporated into other local planning mechanisms. FEMA is looking for more detail here, with at least each county being addressed.	X	
C. Does the **updated** plan explain how the local government incorporated the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Sec 9.5, Pg 7	Section 9.5 describes how this Plan Update will be incorporated into other local planning mechanisms. FEMA is looking for more detail here, with at least each county being addressed.	X	
		SUMMARY SCORE	X	

Continued Public Involvement

***Requirement §201.6(c)(4)(iii):** [The plan maintenance process **shall** include a] discussion on how the community will continue public participation in the plan maintenance process.*

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LOCAL MITIGATION PLAN REVIEW CROSSWALK

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan explain how **continued public participation** will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Sec 9.4, Pgs 6-7	The plan addresses continued public participation and includes notices to the public.		X
		SUMMARY SCORE		X

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A.3 FEMA Crosswalk

This section contains the crosswalk completed by FEMA for the AACOG Plan Update. This crosswalk was received in October 2011, and contains all revisions between October 2011 and April 2012.

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

Local Mitigation Plan Review and Approval Status

Jurisdiction: Alamo Area Council of Government	**Title of Plan:** Alamo Area Council of Governments Regional Mitigation Action Plan Update	**Date of Plan:** January 31, 2011
Local Point of Contact: Mary Ruiz Kelly George **Title:** Homeland Security Manager Senior Hazard Mitigation Planner **Agency:** Alamo Area Council of Governments Witt Associates **Phone Number:** 210.361.5298 813.810.5429	**Address:** Alamo Area Council of Governments 8700 Tesoro Drive, Suite 160 San Antonio, TX 78217 **E-Mail:** MRuiz@aacog.com kgeorge@wittassociates.com	
State Reviewer: Maureen Donnelley	**Title:** Mitigation Program Specialist	**Date:** June 22, 2011
FEMA Reviewer: Mary Shaw, Esther Aranda	**Title:** Hazard Mitigation Specialist	**Date:** July 25, 2011
FEMA Reviewer: Shanene Thomas	**Title:** Hazard Mitigation Specialist	**Date:** August 25, 2011
Date Received in FEMA Region VI	June 28, 2011	
Plan Not Approved	September 8, 2011	
Date Approved		

Jurisdiction:	DFIRM	NFIP Status*

JULY 1, 2006 (WITHIN)

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

Note: The Plan states that Q3 data is currently available for Atascosa, Bandera, Bexar, Comal, Guadalupe, Karnes, Kerr, Medina and Wilson counties. See Section 6, p. 22. The Plan states Bexar County adopted its DFIRM in 2010. See Appendix E, p. 26.	In Plan	NOT In Plan	Y	N	N/A	CRS Class
1. Atascosa County			X			Not Applicable (NA)
2. City of Charlotte (Atascosa County)			X			N/A
3. City of Christine (Atascosa County)				X (Sanctioned since 1976)		N/A
4. City of Jourdanton (Atascosa County)			X			N/A
5. City of Lytle (Atascosa County)			X			N/A
6. City of Pleasanton (Atascosa County)			X			N/A
7. City of Poteet (Atascosa County)			X			N/A
8. Bandera County			X			N/A
9. City of Bandera (Bandera County)			X			N/A
10. Bexar County			X			N/A
11. City of Alamo Heights (Bexar County)			X			N/A
12. City of Balcones Heights (Bexar County)			X			N/A
13. City of Converse (Bexar County)			X			N/A
14. City of Helotes (Bexar County)			X			N/A
15. City of Kirby (Bexar County)			X			N/A
16. City of Leon Valley (Bexar County)			X			N/A
17. City of Live Oak (Bexar County)			X			Class 7

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**
Jurisdiction: **Alamo Area Council of Government**

18. City of St. Hedwig (Bexar County)			X			N/A
19. City of San Antonio (Bexar County)			X			N/A
20. City of Somerset (Bexar County)			X			N/A
21. City of Terrell Hills (Bexar County)			X			N/A
22. City of Universal City (Bexar County)			X			N/A
23. City of Von Ormy (Bexar County)			X			N/A
24. City of Windcrest (Bexar County)			X			N/A
25. Comal County			X			N/A
26. City of Bulverde (Comal County)			X			N/A
27. City of Garden Ridge (Comal County)			X			N/A
28. City of New Braunfels (Comal County)			X			N/A
29. Frio County			X			N/A
30. City of Dilley (Frio County)			X			N/A
31. City of Pearsall (Frio County)			X			N/A
32. Gillespie County			X			N/A
33. City of Fredericksburg (Gillespie County)			X			N/A
34. Guadalupe County			X			Class 8
35. City of Cibolo (Guadalupe County)			X			N/A
36. City of Marion (Guadalupe County)			X			N/A
37. City of New Berlin (Guadalupe County)			X			N/A
38. City of Schertz (Guadalupe County)			X			N/A
39. City of Seguin (Guadalupe County)			X			N/A

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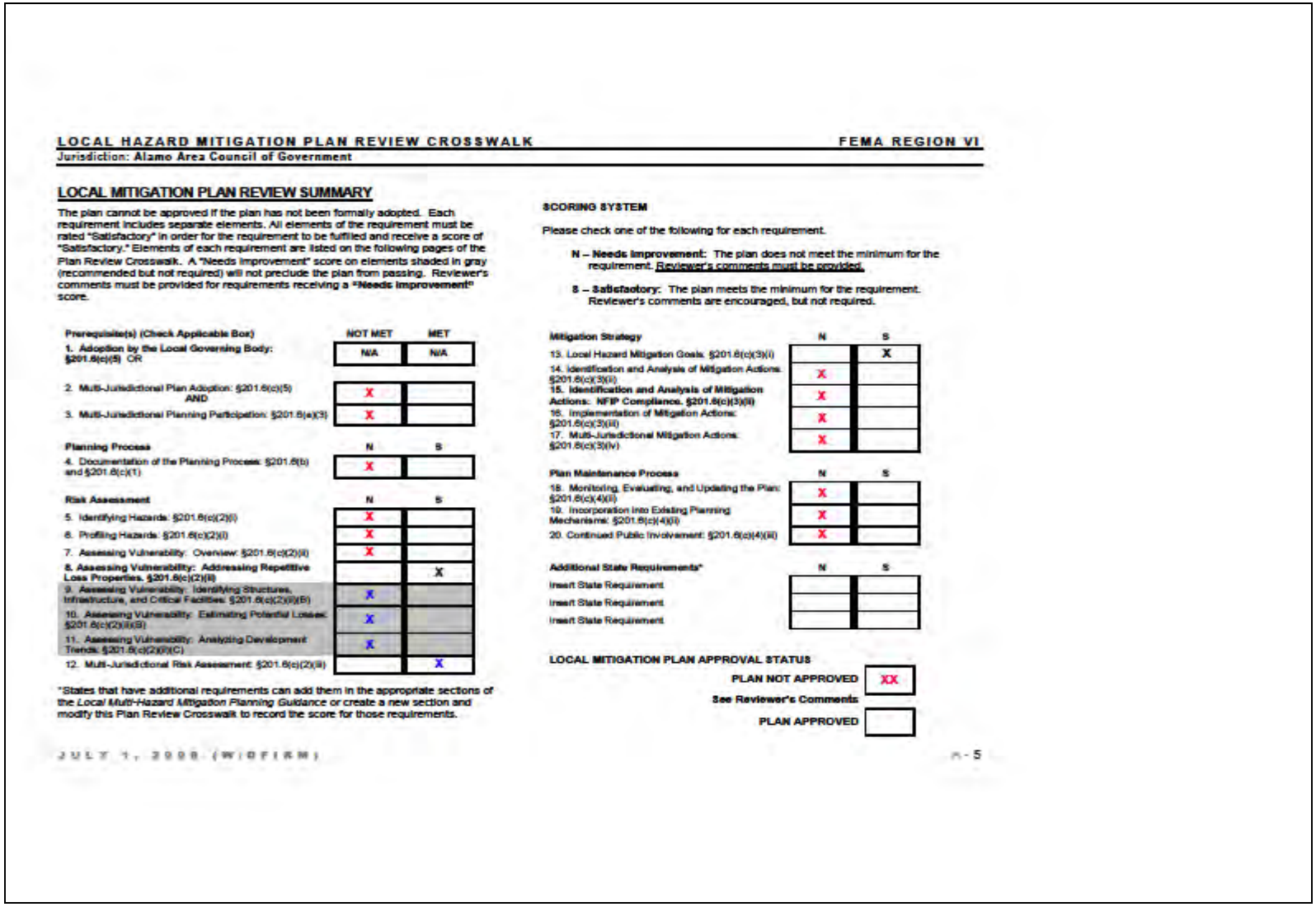
LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

~~40. City of Staples (Guadalupe County)~~			~~X~~			~~N/A~~
41. Karnes County			X			N/A
42. City of Falls City (Karnes County)			X			N/A
43. City of Karnes City (Karnes County)			X			N/A
44. City of Kenedy (Karnes County)			X			N/A
45. City of Runge (Karnes County)			X			N/A
46. Kerr County			X			N/A
47. City of Ingram (Kerr County)			X			N/A
48. City of Kerrville (Kerr County)			X			N/A
49. Medina County			X			N/A
50. City of Castroville (Medina County)			X			N/A
51. City of Devine (Medina County)			X			N/A
52. City of Hondo (Medina County)			X			N/A
53. City of Natalia (Medina County)			X			N/A
54. Wilson County			X			N/A
55. City of Floresville (Wilson County)			X			N/A
56. City of La Vernia (Wilson County)			X			N/A
57. City of Stockdale (Wilson County)			X			N/A
58. San Antonio River Authority					X	N/A

*** Notes:** **Y = Participating** **N = Not Participating** **N/A = Not Mapped**

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

LOCAL MITIGATION PLAN REVIEW SUMMARY

The plan cannot be approved if the plan has not been formally adopted. Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a **"Needs Improvement"** score.

Prerequisite(s) (Check Applicable Box)	NOT MET	MET
1. Adoption by the Local Governing Body: §201.6(c)(5) OR	N/A	N/A
2. Multi-Jurisdictional Plan Adoption: §201.6(c)(5) AND	X	
3. Multi-Jurisdictional Planning Participation: §201.6(a)(3)	X	

Planning Process	N	S
4. Documentation of the Planning Process: §201.6(b) and §201.6(c)(1)	X	

Risk Assessment	N	S
5. Identifying Hazards: §201.6(c)(2)(i)	X	
6. Profiling Hazards: §201.6(c)(2)(i)	X	
7. Assessing Vulnerability: Overview: §201.6(c)(2)(ii)	X	
8. Assessing Vulnerability: Addressing Repetitive Loss Properties. §201.6(c)(2)(ii)		X
9. Assessing Vulnerability: Identifying Structures, Infrastructure, and Critical Facilities: §201.6(c)(2)(ii)(B)	X	
10. Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)	X	
11. Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)	X	
12. Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii)		X

*States that have additional requirements can add them in the appropriate sections of the *Local Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

SCORING SYSTEM

Please check one of the following for each requirement.

N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Mitigation Strategy	N	S
13. Local Hazard Mitigation Goals: §201.6(c)(3)(i)		X
14. Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii)	X	
15. Identification and Analysis of Mitigation Actions: NFIP Compliance. §201.6(c)(3)(ii)	X	
16. Implementation of Mitigation Actions: §201.6(c)(3)(iii)	X	
17. Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv)	X	

Plan Maintenance Process	N	S
18. Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(i)	X	
19. Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)	X	
20. Continued Public Involvement: §201.6(c)(4)(iii)	X	

Additional State Requirements*	N	S
Insert State Requirement		
Insert State Requirement		
Insert State Requirement		

LOCAL MITIGATION PLAN APPROVAL STATUS

PLAN NOT APPROVED	XX
See Reviewer's Comments	
PLAN APPROVED	

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

PREREQUISITE(S)

1. Adoption by the Local Governing Body

Requirement §201.6(c)(5): *[The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Has the local governing body adopted **new or updated** plan?			N/A	N/A
B. Is supporting documentation, such as a resolution, included?			N/A	N/A
		SUMMARY SCORE	N/A	N/A

2. Multi-Jurisdictional Plan Adoption

Requirement §201.6(c)(5): *For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Does the **new or updated** plan indicate the specific jurisdictions represented in the plan?	Section 2.1, Pages 2-3; Section 4.3, Pages 2-3; Appendix C	The Plan lists the 58 jurisdictions represented.		X
B. For each jurisdiction, has the local governing body adopted the **new or updated** plan?		Jurisdictions have not yet adopted the Plan. **Required Revision** When FEMA determines that the Plan is "approvable pending adoption," convene meetings of the appropriate governing bodies and pass resolutions of adoption. Note to Reviewers: This action will be completed upon APA status.	X	
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	Appendix C	The Plan has a placeholder for resolutions of adoption. **Required Revision** When resolutions are adopted, submit copies to FEMA. Note to Reviewers:	X	

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

		This action will be completed after APA status and adoption.		
		SUMMARY SCORE	X	

3. Multi-Jurisdictional Planning Participation

Requirement §201.6(a)(3): *Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process … Statewide plans will not be accepted as multi-jurisdictional plans.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE NOT MET	SCORE MET
A. Does the **new or updated** plan describe how each jurisdiction participated in the plan's development?	Section 5, Pages 2-6, 9-11	The Plan describes the participation of most jurisdictions in development of the Plan. It is unclear how several communities participated in the planning process and could not be verified by documentation presented (i.e. sign in sheets, meeting minutes, team membership). **Required Revisions:** The plan must describe how the following communities participated throughout the plans development: Cities of Charlotte, Christine, Jourdanton, Lytle, Pleasanton, and Poteet in Atascosa County; City of Bandera in Bandera County; City of Leon Valley in Bexar County; City of Garden Ridge in Comal County; City of Dilly in Frio County; Cities of Cibolo, Marion, New Berlin, and Staples in Guadalupe County; City of Falls City in Karnes County; and Cities of Castroville, Devine, Hondo, and Natalia in Medina County. **Revisions look good. Just saw a couple of page numbers that were off (noted below).** Note to Reviewers: Please see the following matrix:	X	

Community	County	Section(s) & Page(s)
Charlotte	Atascosa	Section 5, Pgs 5-6 through 5-7 App E, E-10, E-22, E-25
Christine	Atascosa	Section 5, Pgs 5-6 through 5-7 App E, E-10, E-27, E-33

Comment [KG1]: Also, FEMA RVI wants to know how the FPMs participated. Done – Appendix L – 05.28.12

Comment [KG2]: Need documentation showing that the representatives were authorized to represent the jurisdiction – an email or other documentation will work – the fact that its dated after the fact won't matter to FEMA RVI, per Shareen – Adrienne discussed that the county representatives are the representative for the entire county, and that's how they do business as a normal process – Carolyn discussed that the EMC is appointed, and that documentation will be sufficient – Adrienne will provide copies of the jurisdictional profiles that document this (KG will get with Adrienne) – Carolyn suggested that a revision to the narrative may be able to satisfy the requirement, in some cases – Done – Section 5 and App L – 05.28.12kg

Comment [KG3]: Add documentation to an appendix and revise the text/tables in the body. Done – 05.28.12kg

Comment [KG4]: Check to make sure their participation is consistent – there's an error in the tables (sections 2 and 5) Done – Sections 2 and 5 - 05.28.12kg

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		Jourdanton	Atascosa	Section 6, Pgs 6-6 through 6-7 App E, E-10, E-22, E-23		
		Lytle	Atascosa	Section 6, Pgs 6-6 through 6-7 App E, E-10, E-22, E-23		
		Pleasanton	Atascosa	Section 6, Pgs 6-6 through 6-7 App E, E-10, E-22, E-23		
		Poteet	Atascosa	Section 6, Pgs 6-6 through 6-7 App E, E-10, E-22, E-23		
		Bandera	Bandera	Section 6, Pgs 6-6 through 6-7 App E, E-10, E-22		
		Leon Valley	Bexar	Section 6, Pg 6-7 Pg 9		
		Garden Ridge	Comal	Section 6, Pgs 6-6 through 6-7 App E, E-4, E-9, E-22		
		Dilley	Frio	Section 6, Pgs 6-6 through 6-7 App E, E-8 through 10, E-22		
		Cibolo	Guadalupe	Section 6, Pgs 6-6 through 6-7 App E, E-8, E-23		
		Marion	Guadalupe	Section 6, Pgs 6-6 through 6-7 App E, E-8, E-23		
		New Berlin	Guadalupe	Section 6, Pgs 6-6 through 6-7 App E, E-8, E-23		

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		Stapleton	Guadalupe	Section 5, Pgs 5-8 through 5-7 App E, E-8, E-23		
		Falls City	Karnes	Section 5, Pgs 5-8 through 5-7 App E, E-8, E-23		
		Castroville	Medina	Section 5, Pgs 5-8 through 5-7 Pg 9		
		Devine	Medina	Section 5, Pgs 5-8 through 5-7 Pg 9 App E, Pg E-24		
		Hondo	Medina	Section 5, Pgs 5-8 through 5-7 Pg 9		
		Natalia	Medina	Section 5, Pgs 5-8 through 5-7 Pg 9		
B. Does the updated plan identify all participating jurisdictions, including new, continuing, and the jurisdictions that no longer participate in the plan?	Section 2, Pages 2-4; Section 5, Pages 17-18	The Plan clearly identifies new and continuing jurisdictions as well as jurisdictions that no longer participate.				x
				SUMMARY SCORE	X	

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

PLANNING PROCESS: *§201.6(b): An open public involvement process is essential to the development of an effective plan.*

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the plan provide a narrative description of the process followed to prepare the **new or updated** plan?	Appendices F and G	The Plan includes dates of meetings, copies of presentations provided at meetings, and copies of newspaper announcements of meetings.		X
B. Does the **new or updated** plan indicate who was involved in the **current** planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)	Section 5 Appendices E	The Plan includes lists of meeting attendees showing local officials, staff, and contractors involved in the current planning process, and minutes of meetings describe how individuals were involved in the process. However it is unclear how several jurisdictions listed as participants were represented on planning teams and/or provided information to the planning team during development (Table 5.2.1-1, 5.2.1-2, and App E). Several jurisdictions only show as participating once throughout the process and correlates with the lack of mitigation actions provided. **Required Revision:** Demonstrate how each community participated, either by direct involvement or proxy through MOA or other authorization. **Note to Reviewers:** See text on page 5-7, and new Table 5.2.1-4 (beginning on page 5-8) **OK**	X	
C. Does the **new or updated** plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Section 5, Pages 8-11 Appendices E and F	The Plan specifies multiple opportunities for public involvement during Plan development.		X
D. **Does the new or updated plan discuss the** opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested	Section 5, Page 9	The Plan includes copies of newspaper announcements of plan development meetings as well as lists of meeting attendees		X

Comment [KGS]: See previous note. Satisfying 3A will satisfy 4B. Done – 03.16.12kg

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

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parties to be involved in the planning process?	Appendix G	showing participation by the American Red Cross, the State of Texas, nonprofit organizations, University of Texas – San Antonio, and others in the planning process.		
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Section 5, Pages 12-17	The Plan describes the review of numerous documents.		X
F. Does the updated plan document how the planning team reviewed and analyzed each section of the plan and whether each section was revised as part of the update process?	Section 2, Pages 2-4 (Identification of hazards) Section 5, Page 7, 8 Section 6, Page 8 Section 7, Page 27 Section 8, Pages 2 and 8-133 Appendix E, Page 1 Appendix G, Page 75	The Plan states that the planning process, identified hazards, goals, and actions listed in the previous plan were reviewed. However, there is no information regarding the criteria used to review the previous plan. No information is provided regarding changes in the plan adoption process, risk assessment, or plan maintenance strategies. **Required Revisions** Describe the process used to review the planning process, identification of hazards, mitigation goals, and mitigation actions. Explain how the previous plan was modified to develop the current Plan. Also discuss how risk assessment, plan maintenance sections of the Plan were reviewed and modified. For example, were new data used to assess risk? **Recommended Revision** Consolidate information about who reviewed each section of the previous plan, criteria used to analyze each section of the previous plan, and changes made to the previous plan in a table or paragraph so that the information is readily apparent. Note to Reviewers: See the following sections/pages for revised language: Section 2: Pgs 4, 6-7, 8-9, 10 Section 5: Pgs 2-3, 7-8, 18, 19 Section 6: Pg 8, 10 Section 7: NA Section 8: Pgs 2, 4, 8, 124 Section 9: Pgs 1-2 Appendix E: Pg 1 Appendix G: Pg 2 OK	X	

Comment [KG6]: The revisions not the element. Shawne asks that they be highlighted in the draft, so they can see them easily.
Done – 03.28.12kg
Section 2 – see comments in track changes
Section 5 – see comments in track changes
Section 6 – see comments in track changes
Section 8 – see comments in track changes
Section 9 – see comments in track changes
Appendix E – see comments in track changes
Appendix G – see comments in track changes

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SUMMARY SCORE	X	

RISK ASSESSMENT: *§201.6(c)(2): The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

5. Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the type … of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include a description of the types of all natural hazards that affect the jurisdiction?	Section 2, Pages 4-5 Section 6, Pages 18, 42, 62, 82, 94, 101, 122, 138, 165, 172, 203, 218, 250, and 258	The Plan identifies and describes natural hazards that may affect participating jurisdictions but combined drought with extreme heat and earthquake with sinkholes. These hazards cannot be combined and profiled together unless complete profiles (location, extent, previous occurrence, probability, vulnerability and impact) are included and action items are provided for each. Although extreme heat can worsen the effects of drought, drought conditions exist in cooler months as well. Earthquakes and sinkholes both are geologic but sinkholes are caused by erosion or are manmade from previous mining endeavors and earthquakes are based on fault lines within the earth's crust. These hazards vary in origin. The Plan also identifies and describes four manmade hazards. **Required Revisions:** Separate drought and extreme heat; separate earthquakes and sinkholes. Include complete profiles for each. **Note to Reviewers:** Extreme heat was not included as a profiled hazard in this plan update, though some of the language in the Drought profile may have led to this misconception. The language in the Drought profile has been modified to remove any language that may cause this misconception. See Section 6.5.6, Pg 101 103 for revised profile. Section 6.5.10 has been revised to include a full hazard	X	

Comment [KG7]: Table 6.4.2 still shows extreme heat and drought together – check others to see if it's still mentioned there – double check and make sure there's no discussion of extreme heat that would lead a reviewer to believe that extreme heat is a profiled hazard (drought and wildfire, and the intro to the profiles) Done – 03.28.12kg

Comment [KG8]: FEMA R VI is mixing these files altogether – send to TDEM for submission

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

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		profile for sinkholes. OK		
		SUMMARY SCORE	X	

6. Profiling Hazards

Requirement §201.6(c)(2)(i): [The risk assessment shall include a] description of the … location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the risk assessment identify the **location** (*i.e.*, geographic area affected) of each natural hazard addressed in the **new or updated** plan?	Section 6, Pages 21-21, 47-57, 69-80, 86-88, 98, 107, 123, 125, 140-162, 168, 176, 178-196, 204-215, 223-248, 255, and 262 Appendix K	The Plan identifies locations that may experience the identified hazards. Maps provided locations of dams but not the inundation zones. P47-57. Maps provided on pgs 178-196 depicting fault lines and liquefaction were utilized for potential earthquake locations but were not utilized for potential areas for sinkholes. The plan must explain the correlation to utilize these maps for sinkholes or provide potential locations for sinkholes in the planning area. Required Revisions: Provide inundation zones for dam failure; provide location for sinkholes and extreme heat **Recommended Revision** Provide location for areas prone to flash floods. Note to Reviewers: Dam Failure: See Section 5.5.2, Pgs 44-47, and also Appendix K for revised language. Specific location information regarding dam inundation areas is not available, as discussed in the FEMA-approved 2010 State Hazard Mitigation Plan. However, the State did develop a strategy that would aid local jurisdictions in the development of this data, by providing funding and/or technical assistance. A mitigation action has been added to this Plan Update to take advantage of this potential assistance from the State, and to address this existing and acknowledged data deficiency. OK	X	

Comment [KG9]: Shannon says what's in the December 2011 version is acceptable, and no additional work is required to meet the element.

Comment [KG10]: Sand

Comment [KG11]: See 5.x

JULY 7, 2008 (WINTER)

13

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

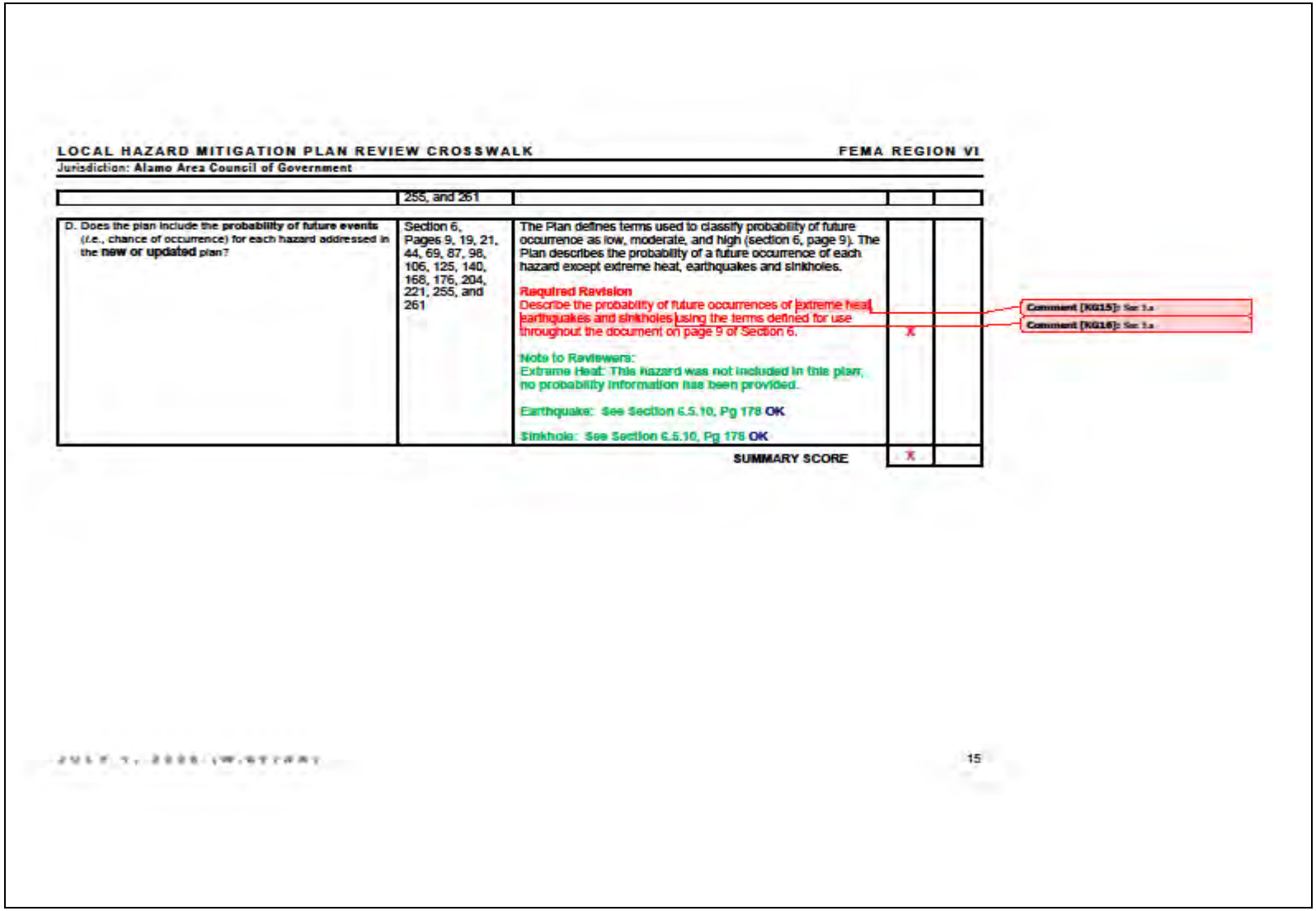
Jurisdiction: Alamo Area Council of Government

		Sinkholes: See Section 6.5.10, Pgs 178-179 for location information regarding sinkholes. OK Extreme Heat: This hazard was not included in this plan; no location information has been provided.		
B. Does the risk assessment identify the **extent** (i.e., magnitude or severity) of each hazard addressed in the **new or updated** plan?	Section 6, Pages 18, 43, 63-64, 82-83, 94-95, 102, 122-123, 126-136, 139, 165-167, 173, 203, 219, 250-254, and 258-259	The Plan describes the potential severity of each identified hazard. Flood maps provided on pgs 23-31 do not provide extent (potential flood depth) for flooding. A range of flood depth can be provided. Thunderstorm section defines what the NWS considers a severe thunderstorm but doesn't define what the AACOG and its jurisdictions consider a severe thunderstorm. The plan mentions components of thunderstorm such as lightning and flooding. The extent of these components should be considered also. Sinkhole extent was not provided. Provide potential land loss estimates or sinkhole potential size estimates for the planning area. If this information is unavailable, describe the data deficiency and provide an action item to rectify the deficiency. **Required Revisions** Provided extent for flooding, extreme heat, and sinkholes. Notes to Reviewers: Flooding: See Section 6.5.1, Pgs 22-24, including Table 6.5.1.1-3. OK Extreme Heat: This hazard was not included in this plan; no extent information has been provided. Sinkholes: See Section 6.5.10, Pgs 178-179 OK	X	
C. Does the plan provide information on **previous occurrences** of each hazard addressed in the **new or updated** plan?	Section 6, Pages 20-21, 44, 67-68, 85-86, 96-97, 104-105, 124-136, 140, 167-168, 175, 204, 220-221, 254-	The Plan describes previous occurrences for the identified hazards. However, the Plan provides very little information about previous occurrences of flash floods or riverine flooding. **Recommended Revisions** Provide more detail about previous occurrences of flash flooding and riverine flooding in the planning area.		X

Comment [KG12]: Add language to discuss depth of water anticipated – can be done by county – use HFIA from FIS – if there are areas of the county that are vastly different, those should be highlighted
Done – Section 6 - 05.28.12kg

Comment [KG13]: See 5.a

Comment [KG14]: See 5.a



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	255, and 261			
D. Does the plan include the **probability of future events** (i.e., chance of occurrence) for each hazard addressed in the **new or updated** plan?	Section 6, Pages 9, 19, 21, 44, 69, 87, 96, 105, 125, 140, 168, 176, 204, 221, 255, and 261	The Plan defines terms used to classify probability of future occurrence as low, moderate, and high (section 6, page 9). The Plan describes the probability of a future occurrence of each hazard except extreme heat, earthquakes and sinkholes. **Required Revision** Describe the probability of future occurrences of extreme heat, earthquakes and sinkholes using the terms defined for use throughout the document on page 9 of Section 6. Note to Reviewers: Extreme Heat: This hazard was not included in this plan; no probability information has been provided. Earthquake: See Section 6.5.10, Pg 178 OK Sinkhole: See Section 6.5.10, Pg 178 OK	X	
			SUMMARY SCORE	X	

Comment [KG15]: See 3.a

Comment [KG16]: See 3.a

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

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7. Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): *[The risk assessment **shall** include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description **shall** include an overall summary of each hazard and its impact on the community.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include an **overall summary description of the jurisdiction's vulnerability** to each hazard?	Section 6, Pages 33-34, 58, 81, 89, 99, 120, 137, 163-164, 170, 197-201, 216, 249, 256, and 263 Appendix J	The plan identifies vulnerable structures or assets for each hazard with the exception of hail, extreme heat, and sinkholes. The table on pgs 198-201 of Section 6 regarding the potential facilities at risk to earthquake is confusing because Zones 2, 4, 6, and 8 are not defined in the narrative. **Required Revision** Define Zones 2, 4, 6, and 8 for table on pages 198-201. Describe the jurisdictions vulnerability to hail, extreme heat and sinkholes by providing a summary of vulnerable assets. Note to Reviewers: Earthquake: See Section 6.5.10.2, Pg 200, which contains revised language and a new graphic. OK Sinkhole: See Section 6.5.10.2, Pgs 199, 204. Assign Low, Moderate or High, as defined on Sec 6 pg 19 It seems this is a typo, and should refer to Sec 6 pg 10 – however, they also refer to this same chart for the impact, element 7B. You might strengthen your statement on page 205 by mentioning that all critical facilities are at risk, although it's not anticipated that any will actually be affected. To meet the requirement here, FEMA is looking for a discussion or list of what structures are in harm's way. 11.30.11 - See revision on page 205. OK Hail: See Section 6.5.7.2, Pg 137 OK – it sounds like the information is not available, so I think in stating that, your revisions are sufficient. Extreme Heat: This hazard was not included in this plan; no vulnerability information has been provided.	X	

Comment [KG17]: Shannon stated that the December 2011 version was acceptable, and no further work is necessary.

Comment [KG18]: See 5.a

Comment [KG19]: See 5.a

JULY 7, 2006 (WIDTHM)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

B. Does the **new or updated** plan address the impact of each hazard on the jurisdiction?	Section 6, Pages, 10, 20, 44, 59-60, 64, 84, 96, 103, 123, 140, 167, 174, 203, 219, 254, and 260-261	The Plan defines terms low, moderate, and high to qualitatively assess the potential impact of identified hazards on page 10 of section 6. The Plan includes tables showing the potential impact of each hazard on each participating jurisdiction. The plan provides impact for drought, extreme heat, earthquakes and sinkholes but does not separate each hazard. **Required Revision** Provide impact for drought, extreme heat, earthquakes and sinkholes. **Recommended Revision** Describe how each hazard specifically impacts each jurisdiction and its assets to determine what actions should be taken. Note to Reviewers: Drought: **See Section 6.5.6.1, Pgs 102 and 104 OK** Extreme Heat: **This hazard was not included in this plan; no impact information has been provided.** Earthquake: **See Section 6.5.10, Pg 175 EQ and Sinkholes have been ranked identically by the jurisdictions?** *11.30.11 – Correct. The hazards were discussed and considered together during the plan development process.* OK Sinkhole: **See Section 6.5.10, Pg 175 Impact to the planning area doesn't seem to be covered sufficiently – I'd suggest adding on to the mitigation action for data deficiency to include impact info (in addition to extent and prob of occurrence).** *11.30.11 – See Section 6, page 178; Section 8, page 11, 22, 27, 77, 84, 88, 95, 111, 113, 117, 132* OK	X	
			SUMMARY SCORE	X	

Comment [KG20]: December 2011 revision is acceptable, per Shannon

Comment [KG21]: See 5.a

Comment [KG22]: See 5.a

8. Assessing Vulnerability: Addressing Repetitive Loss Properties

Requirement §201.6(c)(2)(ii): *[The risk assessment] must also address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged floods.*

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the new or updated plan describe vulnerability in terms of the types and numbers of *repetitive loss properties* located in the identified hazard areas?	Section 6, Pages 34-40	The Plan describes repetitive loss by listing total payments for building and contents damage, the number of losses, and the types of properties damaged.		X
		SUMMARY SCORE		X

9. Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): *The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area ….*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers of existing** buildings, infrastructure, and critical facilities located in the identified hazard areas?	Section 6, Pages 33-34, 58, 90-93, 164, and 198-201 Appendix J	The Plan limits discussions about vulnerability to existing critical facilities in hazard areas. The Plan should also address the vulnerability of residential, commercial, industrial, government, and agricultural structures as well as infrastructure. The Plan only discusses vulnerability of critical facilities for some hazards (flash flooding, riverine flooding, dam failure, tropical storm or hurricane, and earthquake). The Plan mentions that additional data are needed to better understand the degree to which participating jurisdictions are vulnerable to loss due to tornadoes, thunderstorms, drought, hail, wildfire, winter storms, sinkholes, energy pipeline failure, hazardous materials spills, pandemics, and terrorism. **Recommended Revisions** Extend the discussion about potential losses to include residential, commercial, industrial, and agricultural facilities as well as to infrastructure in hazard areas. Add actions to the mitigation strategy to gather data regarding the degree to which structures and infrastructure in participating jurisdictions are vulnerable to damage due to tornadoes, thunderstorms, drought, hailstorms, wildfire, winter storms, sinkholes, energy pipeline failure, hazardous materials spills, pandemic diseases, and terrorism.		
B. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers of future** buildings, infrastructure, and critical facilities located in the identified hazard areas?	Not found	The Plan does not discuss potential future vulnerability of structures or infrastructure. **Recommended Revision** Examine growth and development trends in participating jurisdictions and explain whether future structures or infrastructure		

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		are likely to be located in hazard areas.		
		SUMMARY SCORE	X	

10. Assessing Vulnerability: Estimating Potential Losses

Requirement §201.6(c)(2)(ii)(B): *[The plan should describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate ….*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan estimate potential dollar losses to vulnerable structures?	Not found	The Plan does not estimate potential dollar losses. **Recommended Revision** Estimate the potential dollar value of losses to structures and infrastructure for identified hazards. For some hazards (e.g., thunderstorms), the likely potential loss to structures and infrastructure may be very low, whereas for other hazards (e.g., flooding), the potential loss to structures and infrastructure may be high.	X	
B. Does the **new or updated** plan describe the methodology used to prepare the estimate?	Not found	The Plan does not estimate potential dollar losses. **Recommended Revision** When dollar losses are estimated, include a description of the methodology that was used to develop the estimates.	X	
		SUMMARY SCORE	X	

11. Assessing Vulnerability: Analyzing Development Trends

Requirement §201.6(c)(2)(ii)(C): *[The plan should describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe land uses and development trends?	Not found	The Plan says that participating jurisdictions are part of a growing metropolis (section 3, page 2) and that the population of the area will grow by 1 or 1.2 million by 2040 (section 3, pages 7 and 8). The Plan discusses the potential for decreased water quality in conjunction with the increase in the amount of impervious surface as land is developed, but does not relate the increase in impervious surface to an increase in levels of flooding (section 3, page 26). The Plan says that AACOG analyzed future development plans	X	

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		(section 5, page 14), but does not explain how future development will affect vulnerabilities. The Plan says that Capital Improvements Plans guide future development (section 7, page 9), but does not explain if these plans are guiding future development away from or towards hazard areas. **Recommended Revision** Explain the likely locations of future residential, commercial, industrial, and other development and relate development trends to future vulnerabilities.		
			SUMMARY SCORE	X

12. Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): *For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Appendix J	The Plan includes the results of assessing the risk of loss for each identified hazard provided by individual jurisdictions. In this way, risks that apply to only some of the participating jurisdictions were assessed. However, the Plan does not explain who completed these assessments and what instructions were provided to guide the assessments. **Recommended Revision** Explain how risks were assessed for each participating jurisdiction. Remove jurisdictions from Table 6.4.2 that are not participating in the update.		X
		SUMMARY SCORE		X

July 7, 2008 (Revised)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

MITIGATION STRATEGY: *§201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

13. Local Hazard Mitigation Goals

Requirement §201.6(c)(3)(i): *[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include a description of mitigation **goals** to reduce or avoid long-term vulnerabilities to the identified hazards?	Section 8, Pages 4-5	The Plan lists six mitigation goals for the planning area.		X
		SUMMARY SCORE		X

14. Identification and Analysis of Mitigation Actions

Requirement §201.6(c)(3)(ii): *[The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan identify and analyze a **comprehensive range** of specific mitigation actions and projects for each hazard?	Section 8, Pages 9-121	The Plan lists mitigation actions for each hazard with the exception of sinkholes and extreme heat. **Required Revisions** Provide a comprehensive range of mitigation actions for sinkholes and extreme heat. Note to Reviewers: Identifying numbers have been added to the mitigation action tables, to ease location of specific changes. Sinkhole: See Section 8, Pgs 9-141 for a comprehensive range of mitigation actions to address the sinkhole hazard. **OK**	X	

Jurisdiction	Action Number
Atascosa (county-wide)	Atascosa 3
Atascosa (county-wide)	Atascosa 6
Atascosa (county-wide)	Atascosa 7
Lytle	Lytle 1
Pleasanton	Pleasanton 2

Comment [K023]: This one is good, per Sharon

Comment [K024]: See 5.a

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		Poteet	Poteet 3			
		Bandera (county-wide)	Bandera 2			
		Bandera (county-wide)	Bandera 4			
		Bandera (county-wide)	Bandera 5			
		Bandera (county-wide)	Bandera 6			
		Bandera (county-wide)	Bandera 7			
		Bandera (county-wide)	Bandera 8			
		Bandera (county-wide)	Bandera 9			
		Bandera (county-wide)	Bandera 10			
		Bandera (county-wide)	Bandera 11			
		Bandera (county-wide)	Bandera 13			
		Bexar (county-wide)	Bexar 1			
		Bexar (county-wide)	Bexar 13			
		Alamo Heights	Alamo Heights 1			
		Alamo Heights	Alamo Heights 2			
		Alamo Heights	Alamo Heights 3			
		Alamo Heights	Alamo Heights 3			
		Balcones Heights	Balcones Heights 1			
		Balcones Heights	Balcones Heights 2			
		Balcones Heights	Balcones Heights 4			
		Converse	Converse 2			
		Helotes	Helotes 7			
		Leon Valley	Leon Valley 4			
		Leon Valley	Leon Valley 10			
		Live Oak	Live Oak 1			
		Live Oak	Live Oak 2			
		Saint Hedwig	Saint Hedwig 1			
		Saint Hedwig	Saint Hedwig 1			
		Universal City	Universal City 1			
		Von Ormy	Von Ormy 4			
		Von Ormy	Von Ormy 5			
		Von Ormy	Von Ormy 6			
		Von Ormy	Von Ormy 7			
		Von Ormy	Von Ormy 10			
		Windcrest	Windcrest 1			
		Windcrest	Windcrest 2			
		Windcrest	Windcrest 3			
		Windcrest	Windcrest 4			
		Windcrest	Windcrest 5			
		Windcrest	Windcrest 6			

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		Windcrest	Windcrest 7			
		Windcrest	Windcrest 8			
		Windcrest	Windcrest 10			
		New Braunfels	New Braunfels 7			
		Comal (county-wide)	Comal 9			
		Frio (county-wide)	Frio 1			
		Frio (county-wide)	Frio 3			
		Frio (county-wide)	Frio 5			
		Gillespie (county-wide)	Gillespie 4			
		Gillespie (county-wide)	Gillespie 7			
		Fredericksburg	Fredericksburg 1			
		Fredericksburg	Fredericksburg 2			
		Fredericksburg	Fredericksburg 3			
		Fredericksburg	Fredericksburg 5			
		Fredericksburg	Fredericksburg 6			
		Guadalupe (county-wide)	Guadalupe 9			
		Guadalupe (county-wide)	Guadalupe 10			
		Guadalupe (county-wide)	Guadalupe 12			
		Cibolo	Cibolo 1			
		Cibolo	Cibolo 3			
		Cibolo	Cibolo 5			
		Schertz	Schertz 1			
		Schertz	Schertz 2			
		Schertz	Schertz 3			
		Schertz	Schertz 6			
		Karnes (county-wide)	Karnes 1			
		Karnes (county-wide)	Karnes 9			
		Kerr (county-wide)	Kerr 1			
		Kerr (county-wide)	Kerr 6			
		Medina (county-wide)	Medina 2			
		Medina (county-wide)	Medina 5			
		Medina (county-wide)	Medina 6			
		Medina (county-wide)	Medina 8			
		Devine	Devine 1			
		Hondo	Hondo 1			
		Hondo	Hondo 3			
		Natalia	Natalia 1			
		Natalia	Natalia 2			
		Wilson (county-wide)	Wilson 1			
		Wilson (county-wide)	Wilson 3			

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

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		Wilson (county-wide) Wilson (county-wide) Wilson (county-wide) Wilson (county-wide) Floresville La Vernia Extreme Heat: This hazard was not included in this plan; no actions have been provided.	Wilson 5 Wilson 6 Wilson 11 Wilson 15 Floresville 1 La Vernia 1		
B. Do the identified actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?	Section 8, Pages 9-121	The Plan identifies which of the proposed mitigation actions would reduce the effects of hazards on new or future structures and infrastructure. However, some of the actions identified are not mitigation actions (e.g., provide weather radios).			X
C. Do the identified actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?	Section 8, Pages 9-121	The Plan identifies which of the proposed mitigation actions would reduce the effects of hazards on existing structures and infrastructure. However, some of the actions identified are not mitigation actions (e.g., improve emergency operations equipment).			X
			SUMMARY SCORE	X	

15. Identification and Analysis of Mitigation Actions: National Flood Insurance Program (NFIP) Compliance

Requirement: §201.6(c)(3)(ii): *[The mitigation strategy] must also address the jurisdiction's participation in the National Flood Insurance Program (NFIP), and continued compliance with NFIP requirements, as appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. **Does the new or updated plan describe the jurisdiction(s) participation in the NFIP?**	Section 7, Pages 19-25	The plan does not indicate if each jurisdiction participates in the NFIP and a description of the jurisdiction's participation was not found. **Required Revision** Identify whether or not each jurisdiction is participating in the NFIP. For those participating in the NFIP, describe how they participate. **Note to Reviewers:** See added language and Table 7.5-5, found on page 7-24 of Section 7. This table provides the date that each	X	

Comment [KG25]: See note in Section 7

JULY 7, 2008 (WINTRIM)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		participating jurisdiction entered the NFIP. Unless otherwise indicated, all member jurisdictions are members in good standing, and currently meet all membership criteria for NFIP participation, including the adoption and enforcement of a flood damage prevention ordinance. **OK**		
B. Does the mitigation strategy identify, analyze, and prioritize actions related to continued compliance with the NFIP?	Section 8, Pages 9-121	Once each community has been identified as participating in the NFIP, identify, analyze, and prioritize actions related to continued compliance. Several communities provide NFIP actions but is was unclear if they participate in the program. Several communities only provided one action; a minimum of two is required. **Required Revision** identify, analyze, and prioritize actions (2) related to continued compliance with the NFIP. Note to Reviewers: See Section 5, Pgs 5-141 for a comprehensive range of mitigation actions to address continued NFIP Compliance. **Each NFIP jurisdiction needs two actions labeled 'NFIP'. Noting that the actions are countywide will not meet this requirement.** **Suggested actions include: adoption and enforcement of floodplain management requirements, such as regulating all and substantially improved construction in Special Flood Hazard Areas; floodplain mapping including requests for map updates; description of community assistance and monitoring activities; expanding insurance coverage; instituting higher standards and enhancing enforcement through ordinances and permitting.** **Also eligible are drainage projects, property acquisition or elevation, or floodproofing.** *11.30.11 – See Section 5 [all jurisdictions except*	X	

Comment [KG26]: Shannon will review and let me know what, if anything, still need to happen here.

JULY 7, 2009 (REVISED)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

Christine, which is sanctioned) OR

Jurisdiction	Action Number
Atascosa	Atascosa 1
Atascosa	Atascosa 8
Charlotte	Charlotte 1
Charlotte	Charlotte 4
Jourdanton	Jourdanton 1
Jourdanton	Jourdanton 5
Lytle	Lytle 4
Lytle	Lytle 5
Pleasanton	Pleasanton 3
Pleasanton	Pleasanton 4
Poteet	Poteet 5
Poteet	Poteet 8
Bandera (Includes City of Bandera))	Bandera 1
Bandera (Includes City of Bandera)	Bandera 3
Bexar (county-wide)	Bexar 3
Bexar (county-wide)	Bexar 4
Bexar (county-wide)	Bexar 5
Bexar (county-wide)	Bexar 6
Bexar (county-wide)	Bexar 7
Bexar (county-wide)	Bexar 8
Bexar (county-wide)	Bexar 9
Bexar (county-wide)	Bexar 10
Bexar (county-wide)	Bexar 11
Alamo Heights	Alamo Heights 6
Alamo Heights	Alamo Heights 5
Balcones Heights	Balcones Heights 3
Balcones Heights	Balcones Heights 4
Converse	Converse 1
Converse	Converse 2
Helotes	Helotes 2
Helotes	Helotes 3
Helotes	Helotes 4
Helotes	Helotes 6
Leon Valley	Leon Valley 1

JULY 1, 2008 (MODIFIED)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		Leon Valley	Leon Valley 2			
		Leon Valley	Leon Valley 3			
		Leon Valley	Leon Valley 5			
		Leon Valley	Leon Valley 6			
		Leon Valley	Leon Valley 8			
		Leon Valley	Leon Valley 9			
		Live Oak	Live Oak 1			
		Live Oak	Live Oak 3			
		Saint Hedwig	Saint Hedwig 1			
		Saint Hedwig	Saint Hedwig 3			
		San Antonio	San Antonio 1			
		San Antonio	San Antonio 2			
		San Antonio	San Antonio 3			
		San Antonio	San Antonio 4			
		San Antonio	San Antonio 5			
		San Antonio	San Antonio 6			
		San Antonio	San Antonio 7			
		San Antonio	San Antonio 8			
		San Antonio	San Antonio 9			
		San Antonio	San Antonio 10			
		San Antonio	San Antonio 11			
		San Antonio	San Antonio 12			
		San Antonio	San Antonio 13			
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		San Antonio	San Antonio 21			
		San Antonio	San Antonio 22			
		San Antonio	San Antonio 23			
		San Antonio	San Antonio 24			
		San Antonio	San Antonio 25			
		San Antonio	San Antonio 26			
		San Antonio	San Antonio 27			
		San Antonio	San Antonio 28			
		San Antonio	San Antonio 29			
		San Antonio	San Antonio 30			

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		San Antonio	San Antonio 31			
		San Antonio	San Antonio 32			
		San Antonio	San Antonio 33			
		San Antonio	San Antonio 34			
		San Antonio	San Antonio 35			
		San Antonio	San Antonio 36			
		San Antonio	San Antonio 37			
		San Antonio	San Antonio 38			
		San Antonio	San Antonio 39			
		San Antonio	San Antonio 40			
		San Antonio	San Antonio 41			
		San Antonio	San Antonio 42			
		San Antonio	San Antonio 43			
		San Antonio	San Antonio 44			
		San Antonio	San Antonio 45			
		San Antonio	San Antonio 46			
		San Antonio	San Antonio 47			
		San Antonio	San Antonio 48			
		San Antonio	San Antonio 49			
		San Antonio	San Antonio 50			
		San Antonio	San Antonio 51			
		San Antonio	San Antonio 52			
		San Antonio	San Antonio 53			
		San Antonio	San Antonio 54			
		San Antonio	San Antonio 55			
		San Antonio	San Antonio 56			
		San Antonio	San Antonio 57			
		San Antonio	San Antonio 58			
		San Antonio	San Antonio 59			
		San Antonio	San Antonio 60			
		San Antonio	San Antonio 61			
		San Antonio	San Antonio 61			
		San Antonio	San Antonio 62			
		Somerset	Somerset 1			
		Somerset	Somerset 2			
		Somerset	Somerset 3			
		Somerset	Somerset 4			
		Somerset	Somerset 5			
		Somerset	Somerset 6			
		Somerset	Somerset 7			

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		Terrell Hills	Terrell Hills 2			
		Terrell Hills	Terrell Hills 3			
		Terrell Hills	Terrell Hills 5			
		Universal City	Universal City 3			
		Universal City	*Universal City 5*			
		Von Ormy	Von Ormy 1			
		Von Ormy	Von Ormy 3			
		Windcrest	*Windcrest 4*			
		Windcrest	Windcrest 11			
		Comal (county-wide)	Comal 2			
		Comal (county-wide)	Comal 3			
		Comal (county-wide)	Comal 4			
		Comal (county-wide)	Comal 5			
		Comal (county-wide)	Comal 6			
		Comal (county-wide)	Comal 7			
		Bulverde	Bulverde 1			
		Bulverde	Bulverde 2			
		Garden Ridge	Garden Ridge 1			
		Garden Ridge	Garden Ridge 2			
		New Braunfels	New Braunfels 1			
		New Braunfels	New Braunfels 2			
		New Braunfels	New Braunfels 3			
		New Braunfels	New Braunfels 4			
		New Braunfels	New Braunfels 5			
		New Braunfels	New Braunfels 6			
		New Braunfels	New Braunfels 8			
		New Braunfels	New Braunfels 9			
		New Braunfels	New Braunfels10			
		Frio (county-wide)	Frio 2			
		Frio (county-wide)	Frio 3			
		Gillespie (county-wide)	Gillespie 3			
		Gillespie (county-wide)	Gillespie 4			
		Fredericksburg	Fredericksburg 1			
		Fredericksburg	Fredericksburg 4			
		Guadalupe (county-wide)	Guadalupe 1			
		Guadalupe (county-wide)	Guadalupe 3			
		Guadalupe (county-wide)	Guadalupe 5			
		Guadalupe (county-wide)	Guadalupe 6			
		Guadalupe (county-wide)	Guadalupe 7			
		Guadalupe (county-wide)	Guadalupe 8			
		Guadalupe (county-wide)	Guadalupe 10			

JULY 1, 2008 (W/DFIRM) 29

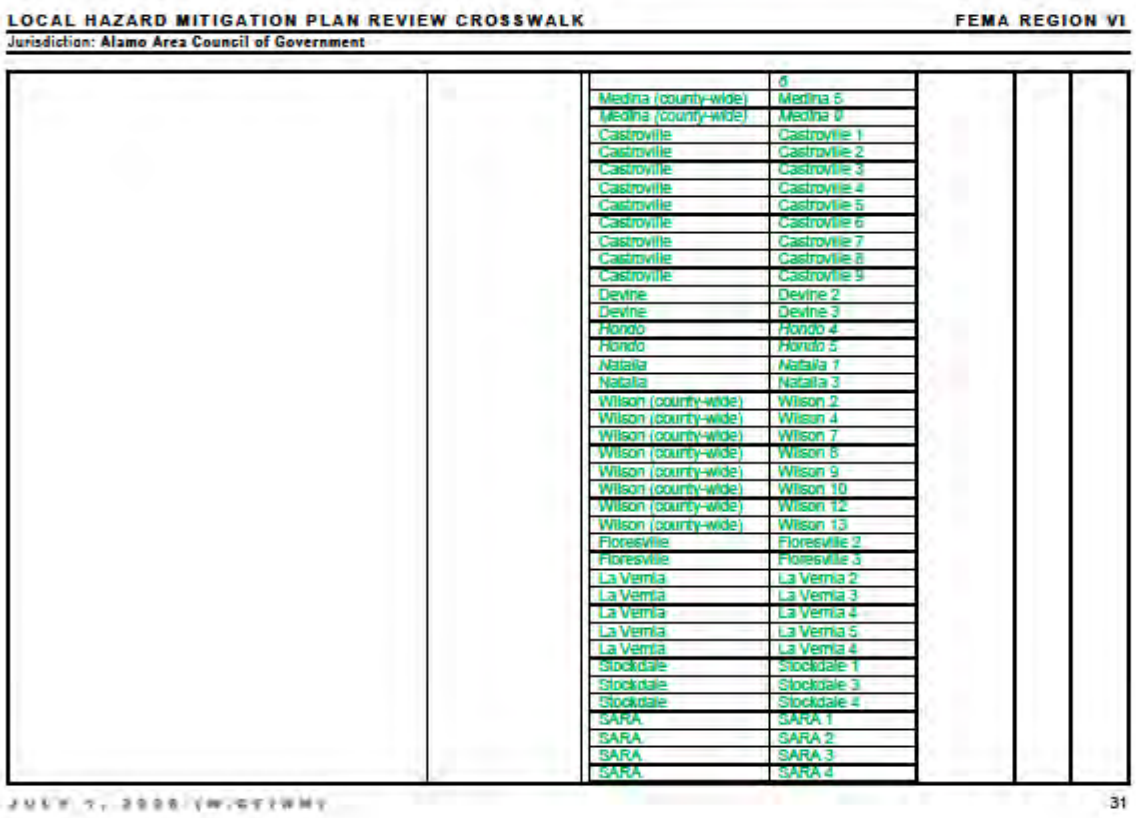
LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		Cibolo	Cibolo 2			
		Cibolo	Cibolo 4			
		Schertz	Schertz 4			
		Schertz	Schertz 5			
		Schertz	Schertz 7			
		Seguin	Seguin 1			
		Seguin	Seguin 2			
		Karnes (county-wide)	*Karnes County 2, Falls City 2, Karnes City 2, Kenedy 2, Runge 2*			
		Karnes (county-wide)	*Karnes County 4, Falls City 4, Karnes City 4, Kenedy 4, Runge 4*			
		Karnes (county-wide)	*Karnes County 5, Falls City 5, Karnes City 5, Kenedy 5, Runge 5*			
		Karnes (county-wide)	*Karnes County 6, Falls City 6, Karnes City 6, Kenedy 6, Runge 6*			
		Kerr (county-wide)	*Kerr County 2, Ingram 2, Kerrville 2*			
		Kerr (county-wide)	*Kerr County 3, Ingram 3, Kerrville 3*			
		Kerr (county-wide)	*Kerr County 4, Ingram 4, Kerrville 4*			
		Kerr (county-wide)	*Kerr County 5, Ingram 5, Kerrville 5*			
		Kerr (county-wide)	*Kerr County 6, Ingram 6, Kerrville*			

JULY 1, 2008 (WINTER)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

		6			
		Medina (county-wide)	Medina 5		
		Medina (county-wide)	Medina 6		
		Castroville	Castroville 1		
		Castroville	Castroville 2		
		Castroville	Castroville 3		
		Castroville	Castroville 4		
		Castroville	Castroville 5		
		Castroville	Castroville 6		
		Castroville	Castroville 7		
		Castroville	Castroville 8		
		Castroville	Castroville 9		
		Devine	Devine 2		
		Devine	Devine 3		
		Hondo	Hondo 4		
		Hondo	Hondo 5		
		Natalia	Natalia 1		
		Natalia	Natalia 3		
		Wilson (county-wide)	Wilson 2		
		Wilson (county-wide)	Wilson 4		
		Wilson (county-wide)	Wilson 7		
		Wilson (county-wide)	Wilson 8		
		Wilson (county-wide)	Wilson 9		
		Wilson (county-wide)	Wilson 10		
		Wilson (county-wide)	Wilson 12		
		Wilson (county-wide)	Wilson 13		
		Floresville	Floresville 2		
		Floresville	Floresville 3		
		La Vernia	La Vernia 2		
		La Vernia	La Vernia 3		
		La Vernia	La Vernia 4		
		La Vernia	La Vernia 5		
		La Vernia	La Vernia 4		
		Stockdale	Stockdale 1		
		Stockdale	Stockdale 3		
		Stockdale	Stockdale 4		
		SARA	SARA 1		
		SARA	SARA 2		
		SARA	SARA 3		
		SARA	SARA 4		

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

		SARA SARA SARA SARA SARA	SARA 5 SARA 6 SARA 7 SARA 8 SARA 9		
			SUMMARY SCORE	X	

16. Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): *[The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** mitigation strategy include how the actions are **prioritized**? (For example, is there a discussion of the process and criteria used?)	Section 8, Pages 9-121 and 122-124	The Plan states on pages 9-121 of section 8 the level of priority of each mitigation action (high, medium, or low). The Plan explains that mitigation actions were prioritized using the STAPLEE criteria.		X
B. Does the **new or updated** mitigation strategy address how the actions will be implemented and administered, including the responsible department, existing and potential resources and the timeframe to complete each action?	Section 8, Pages 9-121	The tables of mitigation actions on pages 9-121 of section 8 list the responsible parties, target dates for completion, estimated costs, and potential sources of funding.		X
C. Does the **new or updated** prioritization process include an emphasis on the use of a **cost-benefit review** to maximize benefits?	Section 8, Page 123-124	The Plan says that it is important to evaluate actions using a cost-benefit review. The Economic Criterion mentions a cost-benefit review was completed to prioritize mitigation actions.		X
D. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Section 7, Pages 14-17 Section 8, Pages 9-121	The Plan lists actions that have been completed or deferred for implementation, are currently ongoing, or have not been carried over from the 2006 plan.		X
		SUMMARY SCORE		X

JULY 7, 2006 (WINTRIM)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

17. Multi-Jurisdictional Mitigation Actions

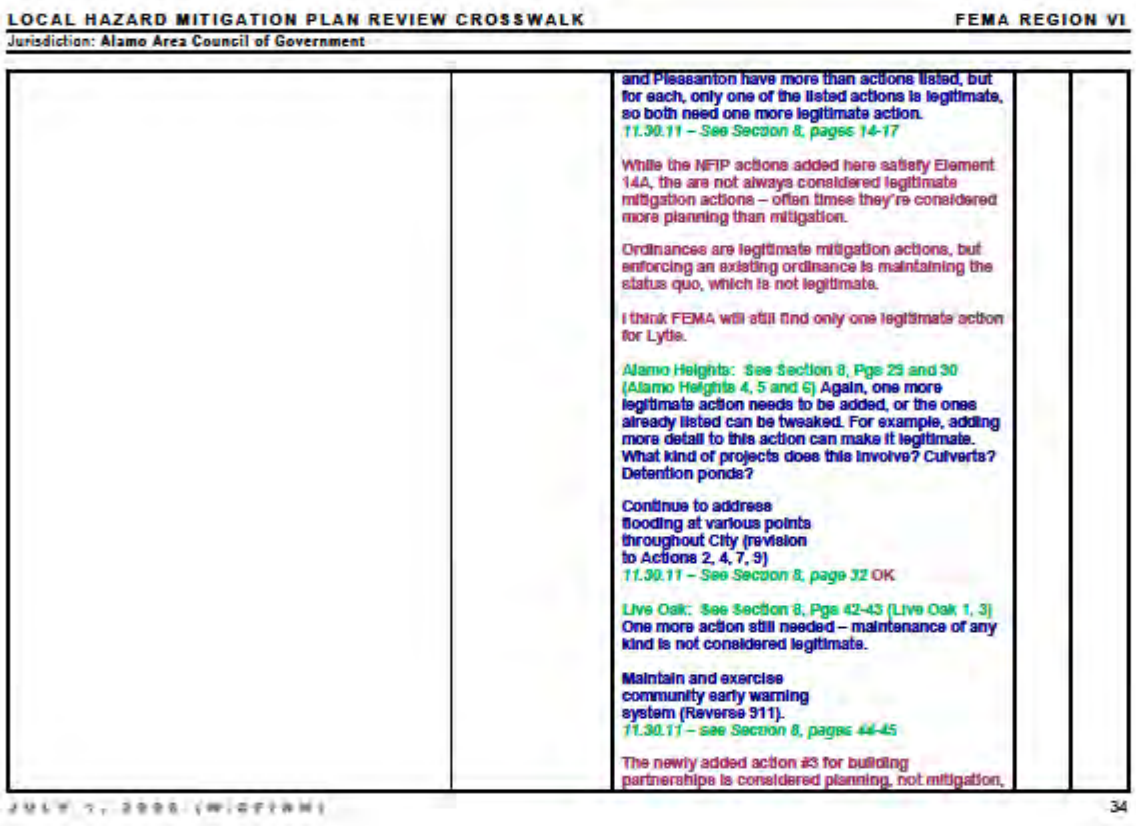
Requirement §201.6(c)(3)(iv): For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include identifiable **action items** for each jurisdiction requesting FEMA approval of the plan?	Section 8, Pages 9-121 Appendix J	The table on pages 9 through 121 of section 8 lists the actions that pertain to the County followed by the actions for each municipality within that county. Several jurisdictions do not have a comprehensive range of mitigation actions. Many actions listed are for emergency preparedness, not mitigation. For example, improving or developing evacuation plans, writing continuity of operations plans, and improving the interoperability of communications systems are not mitigation actions. While these actions will facilitate response and recovery, they will not reduce the impacts of hazards on the community. For most of the participating communities, the only action to reduce the effects of dam failure, thunderstorms, drought, hailstorm, or winter storms is public/staff education. **Required Revisions** Provide at least one additional mitigation action for the following communities: ~~Lytle, Pleasanton, Alamo Heights, Live Oak, and Hondo.~~ Provide at least two mitigation actions for the following communities: ~~Garden Ridge, Poteet, Pearsall, Marion, New Berlin, and Stockdale.~~ Note to Reviewers: Lytle and Pleasanton: The actions listed for Atascosa County are county-wide, and include all municipalities within the county. **County actions do not satisfy requirements for cities within them. If one of the county actions will be used within city limits as well, list it with the appropriate city. Lytle**	X	

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Comment [KG27]: See note in section.

JULY 7, 2009 (REVISED)

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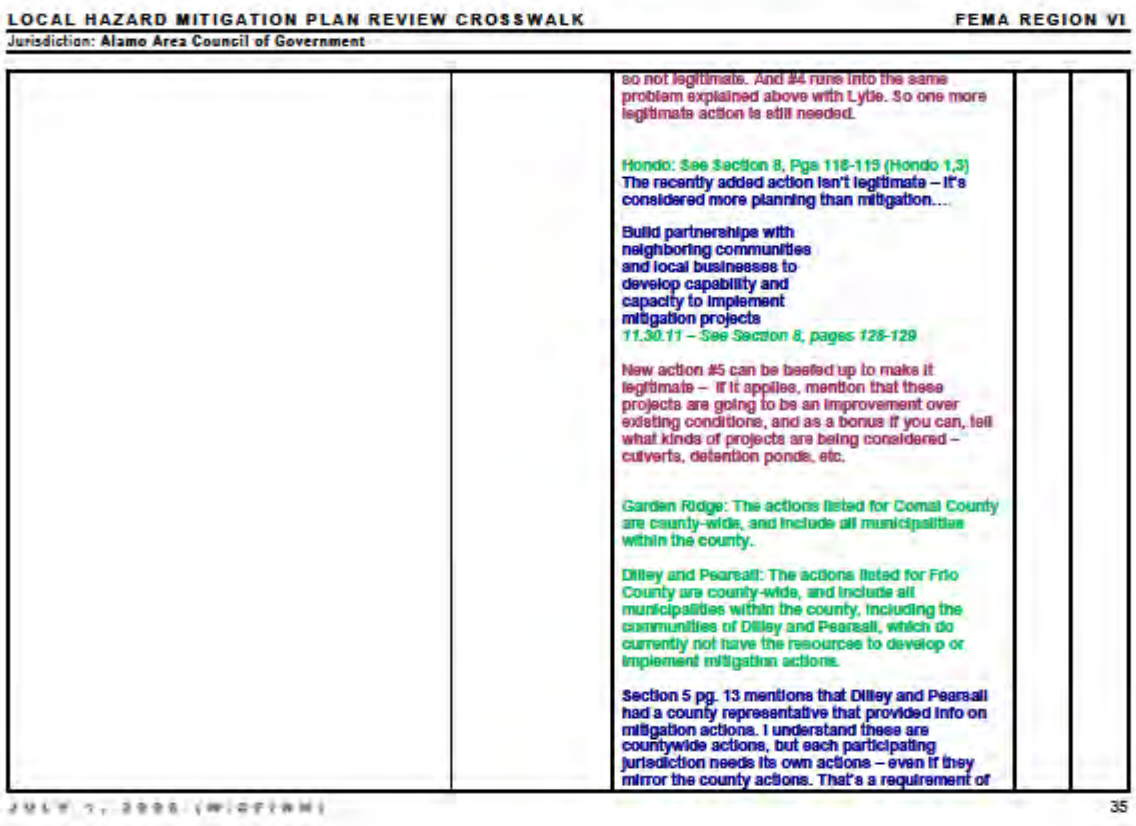


LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — FEMA REGION VI

Jurisdiction: Alamo Area Council of Government

		and Pleasanton have more than actions listed, but for each, only one of the listed actions is legitimate, so both need one more legitimate action. *11.30.11 – See Section 8, pages 14-17* While the NFIP actions added here satisfy Element 14A, the are not always considered legitimate mitigation actions – often times they're considered more planning than mitigation. Ordinances are legitimate mitigation actions, but enforcing an existing ordinance is maintaining the status quo, which is not legitimate. I think FEMA will still find only one legitimate action for Lytle. Alamo Heights: See Section 8, Pgs 29 and 30 (Alamo Heights 4, 5 and 6) Again, one more legitimate action needs to be added, or the ones already listed can be tweaked. For example, adding more detail to this action can make it legitimate. What kind of projects does this involve? Culverts? Detention ponds? Continue to address flooding at various points throughout City (revision to Actions 2, 4, 7, 9) *11.30.11 – See Section 8, page 32* OK Live Oak: See Section 8, Pgs 42-43 (Live Oak 1, 3) One more action still needed – maintenance of any kind is not considered legitimate. Maintain and exercise community early warning system (Reverse 911). *11.30.11 – see Section 8, pages 44-45* The newly added action #3 for building partnerships is considered planning, not mitigation.		

JULY 1, 2005 (MITIGATION) 34



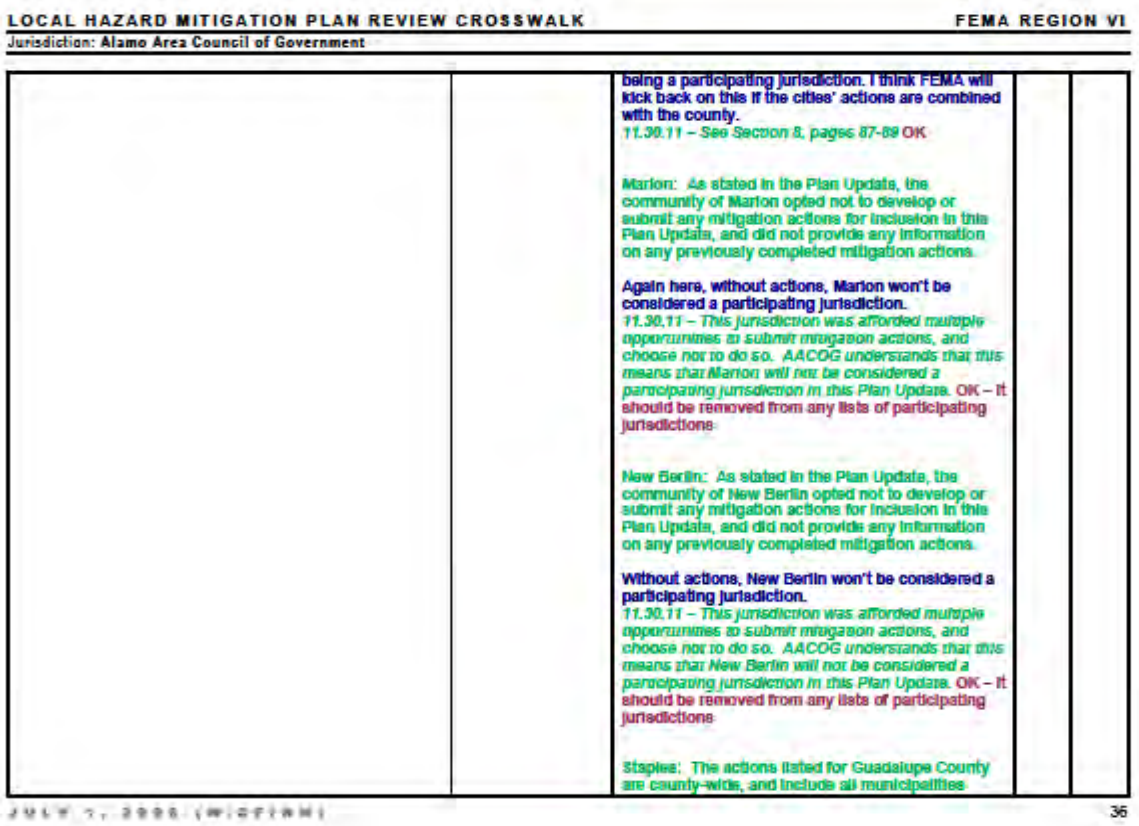
LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — FEMA REGION VI

Jurisdiction: Alamo Area Council of Government

		so not legitimate. And #4 runs into the same problem explained above with Lytle. So one more legitimate action is still needed. Hondo: See Section 8, Pgs 118-119 (Hondo 1,3) The recently added action isn't legitimate – it's considered more planning than mitigation.... Build partnerships with neighboring communities and local businesses to develop capability and capacity to implement mitigation projects *11.30.11 – See Section 8, pages 128-129* New action #5 can be beefed up to make it legitimate – if it applies, mention that these projects are going to be an improvement over existing conditions, and as a bonus if you can, tell what kinds of projects are being considered – culverts, detention ponds, etc. Garden Ridge: The actions listed for Comal County are county-wide, and include all municipalities within the county. Dilley and Pearsall: The actions listed for Frio County are county-wide, and include all municipalities within the county, including the communities of Dilley and Pearsall, which do currently not have the resources to develop or implement mitigation actions. Section 5 pg. 13 mentions that Dilley and Pearsall had a county representative that provided info on mitigation actions. I understand these are countywide actions, but each participating jurisdiction needs its own actions – even if they mirror the county actions. That's a requirement of		

JULY 1, 2005 (MITIGATION)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — FEMA REGION VI

Jurisdiction: Alamo Area Council of Government

		being a participating jurisdiction. I think FEMA will kick back on this if the cities' actions are combined with the county. 11.30.11 – See Section 8, pages 87-89 OK Marion: As stated in the Plan Update, the community of Marion opted not to develop or submit any mitigation actions for inclusion in this Plan Update, and did not provide any information on any previously completed mitigation actions. Again here, without actions, Marion won't be considered a participating jurisdiction. 11.30.11 – This jurisdiction was afforded multiple opportunities to submit mitigation actions, and choose not to do so. AACOG understands that this means that Marion will not be considered a participating jurisdiction in this Plan Update. OK – it should be removed from any lists of participating jurisdictions New Berlin: As stated in the Plan Update, the community of New Berlin opted not to develop or submit any mitigation actions for inclusion in this Plan Update, and did not provide any information on any previously completed mitigation actions. Without actions, New Berlin won't be considered a participating jurisdiction. 11.30.11 – This jurisdiction was afforded multiple opportunities to submit mitigation actions, and choose not to do so. AACOG understands that this means that New Berlin will not be considered a participating jurisdiction in this Plan Update. OK – it should be removed from any lists of participating jurisdictions Staples: The actions listed for Guadalupe County are county-wide, and include all municipalities		

JULY 7, 2006 (REVISED)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

		within the county, including the community of Stapies, which does currently not have the resources to develop or implement mitigation actions. **Without actions, Stapies won't be considered a participating jurisdiction.** *11.30.11 – This jurisdiction was afforded multiple opportunities to submit mitigation actions, and choose not to do so. AACOG understands that this means that Stapies will not be considered a participating jurisdiction in this Plan Update.* OK – It should be removed from any lists of participating jurisdictions		
B. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Section 7, Pages 14-17 Section 8, Pages 9-121	The Plan explains the reasons for deferring the implementation of a mitigation action, such as a lack of funding or the need to develop designs. The Plan also explains why an action from the mitigation strategy is deleted (e.g., because of a change in mitigation priorities).		X
		SUMMARY SCORE	X	

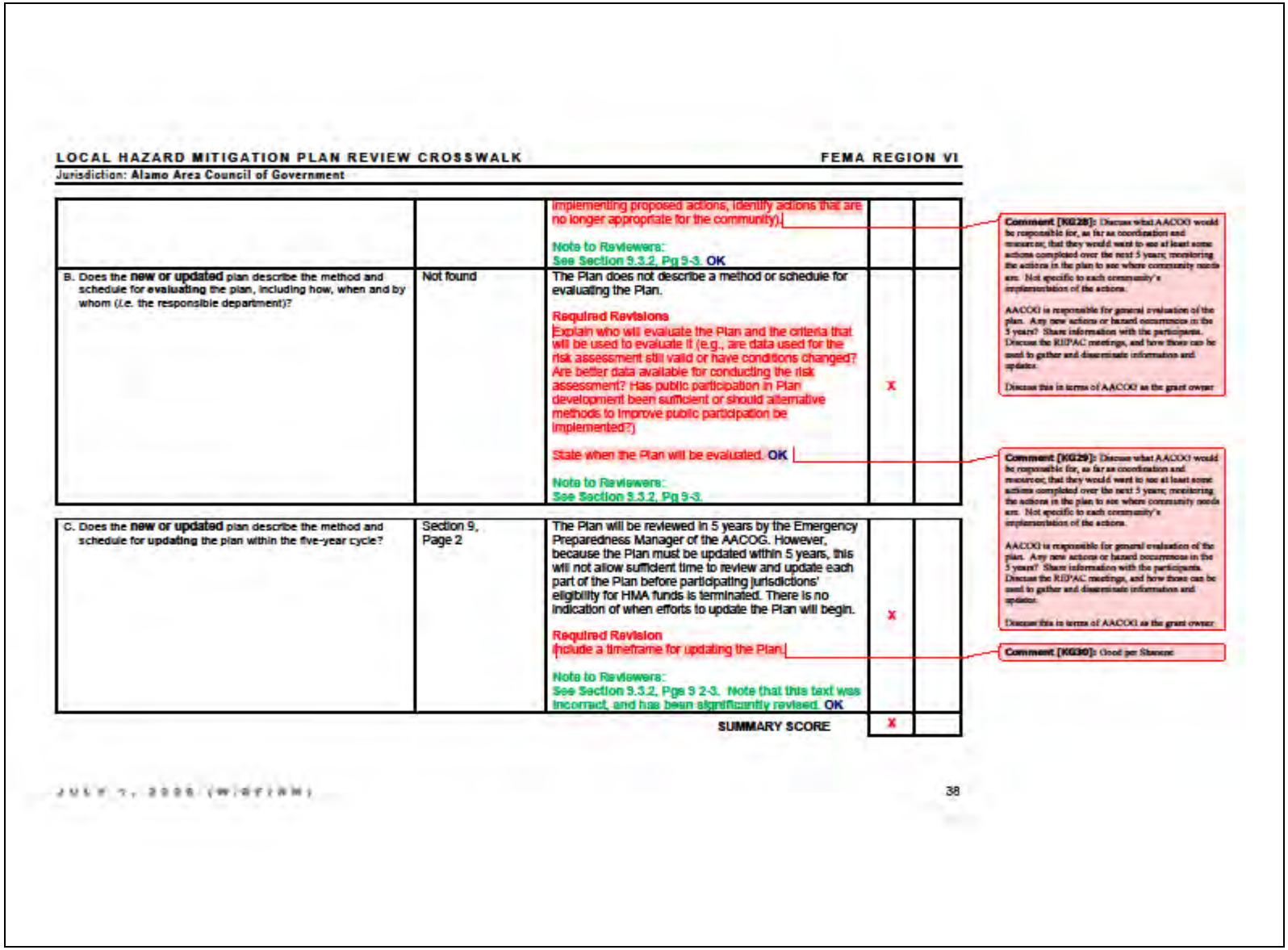
PLAN MAINTENANCE PROCESS

18. Monitoring, Evaluating, and Updating the Plan

Requirement §201.6(c)(4)(i): *[The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe the method and schedule for **monitoring** the plan, including the responsible department?	Section 9, Page 2	The Plan indicates that annual reviews of the Plan are the responsibility of local Emergency Management Coordinators who will submit a report to the Emergency Preparedness Manager of the AACOG. The Plan does not indicate the method for the annual review. **Required Revision** Include criteria that will be used to monitor the Plan (e.g., identify mitigation actions that have been completed or are in progress, identify obstacles to	X	

JULY 1, 2008 (WIDFIRM) 37



LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

		implementing proposed actions, identify actions that are no longer appropriate for the community). Note to Reviewers: See Section 9.3.2, Pg 9-3. OK		
B. Does the **new or updated** plan describe the method and schedule for **evaluating** the plan, including how, when and by whom (*i.e.* the responsible department)?	Not found	The Plan does not describe a method or schedule for evaluating the Plan. **Required Revisions** Explain who will evaluate the Plan and the criteria that will be used to evaluate it (e.g., are data used for the risk assessment still valid or have conditions changed? Are better data available for conducting the risk assessment? Has public participation in Plan development been sufficient or should alternative methods to improve public participation be implemented?) State when the Plan will be evaluated. OK Note to Reviewers: See Section 9.3.2, Pg 9-3.	X	
C. Does the **new or updated** plan describe the method and schedule for **updating** the plan within the five-year cycle?	Section 9, Page 2	The Plan will be reviewed in 5 years by the Emergency Preparedness Manager of the AACOG. However, because the Plan must be updated within 5 years, this will not allow sufficient time to review and update each part of the Plan before participating jurisdictions' eligibility for HMA funds is terminated. There is no indication of when efforts to update the Plan will begin. **Required Revision** Include a timeframe for updating the Plan. Note to Reviewers: See Section 9.3.2, Pgs 9 2-3. Note that this text was incorrect, and has been significantly revised. OK	X	
		SUMMARY SCORE	X	

Comment [KG28]: Discuss what AACOG would be responsible for, as far as coordination and resources, that they would want to see at least some actions completed over the next 5 years; monitoring the actions in the plan to see where community needs are. Not specific to each community's implementation of the actions.

AACOG is responsible for general evaluation of the plan. Any new actions or hazard occurrences in the 5 years? Share information with the participants. Discuss the RIPAC meetings, and how those can be used to gather and disseminate information and updates.

Discuss this in terms of AACOG as the grant owner

Comment [KG29]: Discuss what AACOG would be responsible for, as far as coordination and resources, that they would want to see at least some actions completed over the next 5 years; monitoring the actions in the plan to see where community needs are. Not specific to each community's implementation of the actions.

AACOG is responsible for general evaluation of the plan. Any new actions or hazard occurrences in the 5 years? Share information with the participants. Discuss the RIPAC meetings, and how those can be used to gather and disseminate information and updates.

Discuss this in terms of AACOG as the grant owner

Comment [KG30]: Good per Shannon

JULY 7, 2008 (WIDRIAM)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

19. Incorporation into Existing Planning Mechanisms

Requirement §201.6(c)(4)(ii): *[The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

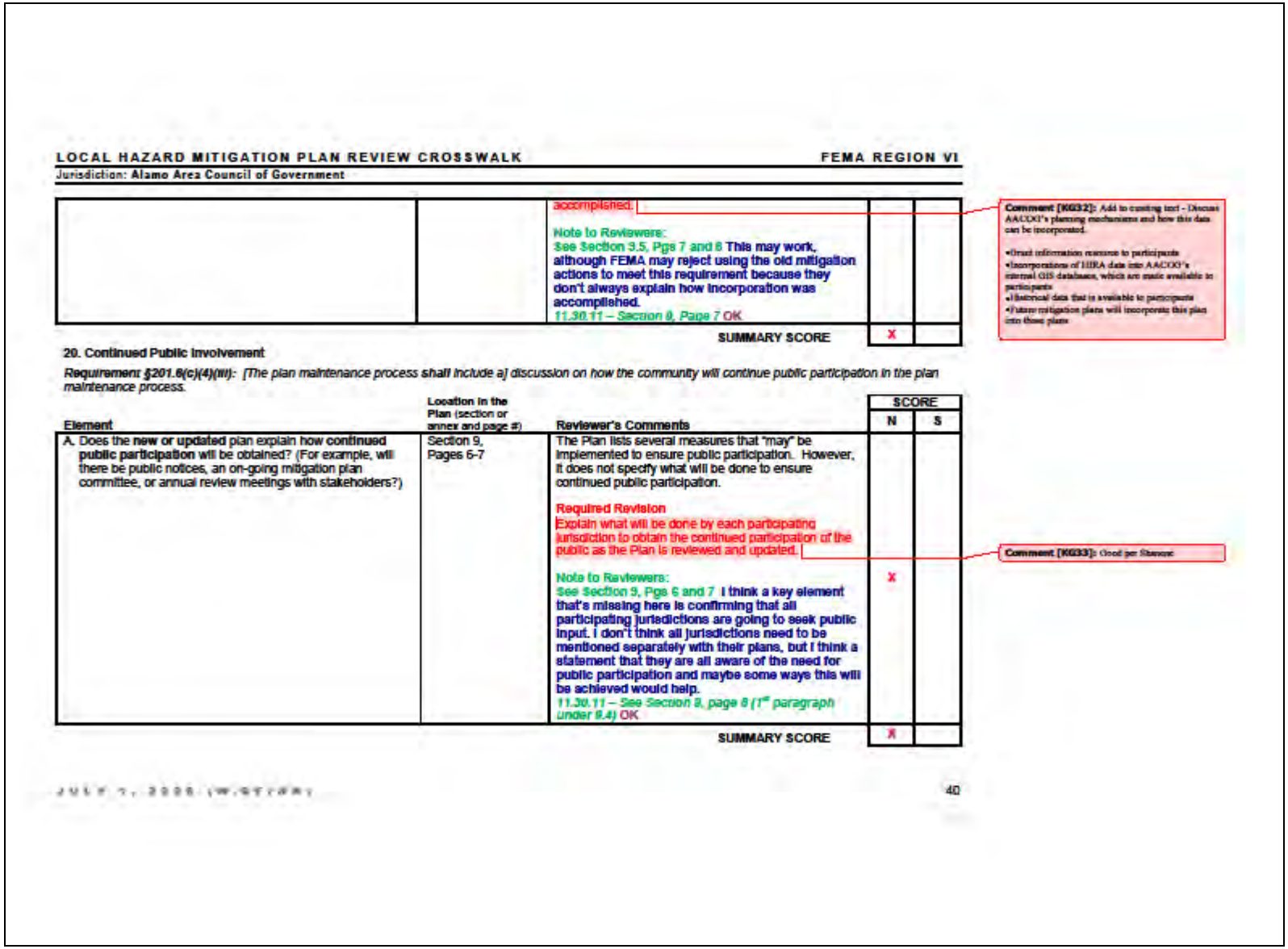
Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan identify other local planning mechanisms available for incorporating the mitigation requirements of the mitigation plan?	Section 9, Pages 7-8	The Plan suggests that other local planning mechanisms that hazard mitigation actions might be incorporated into are comprehensive plans, capital improvement plans, emergency operations plans, development ordinances, and local policies.		X
B. Does the **new or updated** plan include a process by which the local government will incorporate the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Section 9, Pages 7-8	The Plan says it is "not practical to detail how" the current Plan will be incorporated by each participating jurisdiction into other planning mechanisms (section 9, page 7). Nevertheless, the method identified in the Plan is to have an electronic copy of the updated mitigation Plan sent to a representative of each participating jurisdiction and having these representatives make the Plan available to other local staff to "ensure" incorporation. **Required Revision** Develop a strategy that will improve the likelihood of incorporating hazard mitigation measures into other local planning mechanisms. An example might be having the local representative attend meetings on the development of comprehensive and other plans and then present mitigation actions that are consistent with the goals of the other plan and recommend incorporation. **Note to Reviewers:** **See Section 9.5, Pge 7 and 8 OK**	X	
C. Does the **updated** plan explain how the local government incorporated the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Section 7, Page 26	The Plan indicates that there has been some success in incorporating the previous mitigation plan into other planning mechanisms but does not explain how this was accomplished. **Required Revision** Explain how incorporation of the mitigation strategy and information contained in the previous plan was	X	

Comment [KG31]: Add to existing text - Discuss AACOG's planning mechanisms and how this data can be incorporated.

- Grant information resource to participants
- Incorporations of HIRA data into AACOG's internal GIS databases, which are made available to participants
- Historical data that is available to participants
- Future mitigation plans will incorporate this plan into those plans

JULY 7, 2008 (WORKING)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK — **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

		accomplished. Note to Reviewers: See Section 3.5, Pgs 7 and 8 This may work, although FEMA may reject using the old mitigation actions to meet this requirement because they don't always explain how incorporation was accomplished. 11.30.11 – Section 9, Page 7 OK		
		SUMMARY SCORE	X	

Comment [KG32]: Add to existing text - Discuss AACOG's planning mechanisms and how this data can be incorporated.

- Grant information resource to participants
- Incorporations of HIRA data into AACOG's internal GIS databases, which are made available to participants
- Historical data that is available to participants
- Future mitigation plans will incorporate this plan into those plans

20. Continued Public Involvement

Requirement §201.6(c)(4)(iii): *[The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan explain how **continued public participation** will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Section 9, Pages 6-7	The Plan lists several measures that "may" be implemented to ensure public participation. However, it does not specify what will be done to ensure continued public participation. **Required Revision** Explain what will be done by each participating jurisdiction to obtain the continued participation of the public as the Plan is reviewed and updated. Note to Reviewers: See Section 9, Pgs 6 and 7 I think a key element that's missing here is confirming that all participating jurisdictions are going to seek public input. I don't think all jurisdictions need to be mentioned separately with their plans, but I think a statement that they are all aware of the need for public participation and maybe some ways this will be achieved would help. 11.30.11 – See Section 9, page 6 (1st paragraph under 9.4) OK	X	
		SUMMARY SCORE	X	

Comment [KG33]: Good per Shawna

JULY 7, 2005 (WORKING)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

MATRIX A: PROFILING HAZARDS

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each natural hazard that can affect the jurisdiction. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Location		B. Extent		C. Previous Occurrences		D. Probability of Future Events	
	Yes	N	S	N	S	N	S	N	S
Flood	☒	☐	☒	☒	☐	☐	☒	☐	☒
Dam / Levee Failure	☒	☒	☐	☐	☒	☐	☒	☐	☒
Tornado	☒	☐	☒	☐	☒	☐	☒	☐	☒
Tropical Storm / Hurricane	☒	☐	☒	☐	☒	☐	☒	☐	☒
Thunderstorm	☒	☐	☒	☒	☐	☐	☒	☐	☒
Drought	☒	☐	☒	☐	☒	☐	☒	☐	☒
Hailstorm	☒	☐	☒	☐	☒	☐	☒	☐	☒
Wildfire	☒	☐	☒	☐	☒	☐	☒	☐	☒
Severe Winter Storm	☒	☐	☒	☐	☒	☐	☒	☐	☒
Earthquake	☒	☐	☒	☐	☒	☐	☒	☒	☐
Extreme Heat	☒	☐	☒	☒	☐	☐	☒	☒	☐
Sinkhole	☒	☒	☐	☒	☐	☐	☒	☒	☐
Energy Pipeline Failure	☒								
Hazardous Materials Spill	☒								
Pandemic (Human / Animal)	☒								
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐

Legend:

§201.6(c)(2)(i) Profiling Hazards
A. Does the risk assessment identify the location (i.e., geographic area affected) of each hazard addressed in the new or updated plan?
B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the new or updated plan?
C. Does the plan provide information on previous occurrences of each natural hazard addressed in the new or updated plan?
D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: Alamo Area Council of Government

MATRIX B: ASSESSING VULNERABILITY

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that the new or updated plan addresses each requirement. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk. Note: Receiving an N in the shaded columns will not preclude the plan from passing.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	§201.6(c)(2)(i) Assessing Vulnerability: Overview	A. Overall Summary Description of Vulnerability		B. Hazard Impact		§201.6(c)(2)(i)(A) Assessing Vulnerability: Identifying Structures	A. Types and Number of Existing Structures in Hazard Area (Estimate)		B. Types and Number of Future Structures in Hazard Area (Estimate)		§201.6(c)(2)(i)(B) Assessing Vulnerability: Estimating Potential Losses	A. Loss Estimate		B. Methodology	
	Yes		N	S	N	S		N	S	N	S		N	S	N	S
Flood	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Dam / Levee Failure	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Tornado	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Tropical Storm / Hurricane	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Thunderstorm	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Drought	☒		☐	☒	☒	☐		☒	☐	☒	☐		☒	☐	☒	☐
Hailstorm	☒		☒	☐	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Wildfire	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Severe Winter Storm	☒		☐	☒	☐	☒		☒	☐	☒	☐		☒	☐	☒	☐
Earthquake	☒		☐	☒	☒	☐		☒	☐	☒	☐		☒	☐	☒	☐
Extreme Heat	☒		☒	☐	☒	☐		☒	☐	☒	☐		☒	☐	☒	☐
Sinkhole	☒		☒	☐	☒	☐		☒	☐	☒	☐		☒	☐	☒	☐
Energy Pipeline Failure	☒															
Hazardous Materials Spill	☒															
Pandemic (Human / Animal)	☒															
Other _____	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐

Legend:

§201.6(c)(2)(i) **Assessing Vulnerability: Overview**

A. Does the **new or updated** plan include an overall summary description of the jurisdiction's vulnerability to each hazard?

B. Does the **new or updated** plan address the impact of each hazard on the jurisdiction?

§201.6(c)(2)(i)(A) **Assessing Vulnerability: Identifying Structures**

A. Does the **new or updated** plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?

B. Does the **new or updated** plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?

§201.6(c)(2)(i)(B) **Assessing Vulnerability: Estimating Potential Losses**

A. Does the **new or updated** plan estimate potential dollar losses to vulnerable structures?

B. Does the **new or updated** plan describe the methodology used to prepare the estimate?

MATRIX C: IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

JULY 1, 2008 (WITH M)

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LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK **FEMA REGION VI**

Jurisdiction: **Alamo Area Council of Government**

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure consideration of a range of actions for each hazard. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Comprehensive Range of Actions and Projects	
	Yes	N	S
Flood	☒	☐	☒
Dam / Levee Failure	☒	☐	☒
Tornado	☒	☐	☒
Tropical Storm / Hurricane	☒	☐	☒
Thunderstorm	☒	☐	☒
Drought	☒	☐	☒
Hailstorm	☒	☐	☒
Wildfire	☒	☐	☒
Severe Winter Storm	☒	☐	☒
Earthquake	☒	☐	☒
Extreme Heat	☒	☒	☐
Sinkhole	☒	☒	☐
Energy Pipeline Failure	☒		
Hazardous Materials Spill	☒		
Pandemic (Human / Animal)	☒		
Other _____	☐	☐	☐

Legend:
§201.6(c)(3)(ii) Identification and Analysis of Mitigation Actions
A. Does the new or updated plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?

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A.4 Final Crosswalk

This section contains the final crosswalk for the AACOG Plan Update.

Glossary

Contents of this Section

B.1 Glossary

B.1 Glossary

Acquisition of Hazard Prone Property: Local governments can acquire lands in high hazard areas through conservation easements, purchase of development rights, or outright purchase of property. When the land is purchased with FEMA mitigation grant funds, it is deed-restricted in perpetuity as open space.

Antiterrorism: Defensive measures used to reduce the vulnerability of individuals, forces, and property to terrorist acts.

Asset: Any manmade or natural feature that has value, including, but not limited to people; buildings; infrastructure like bridges, roads, and sewer and water systems; lifelines like electricity and communication resources; or environmental, cultural, or recreational features like parks, dunes, wetlands, or landmarks.

Base Flood: Flood depth that has a 1 percent probability of being equaled or exceeded in any given year. Also known as the 100-year flood.

Base Flood Elevation (BFE): Elevation of the base flood in relation to a specified datum, such as the National Geodetic Vertical Datum of 1929. The Base Flood Elevation is used as the standard for the National Flood Insurance Program.

Bedrock: The solid rock that underlies loose material, such as soil, sand, clay, or gravel.

Benefit: Net project outcomes, usually defined in monetary terms. Benefits may include direct and indirect effects. For the purposes of conducting a benefit-cost analysis of proposed mitigation measures, benefits are limited to specific, measurable risk reduction factors, including a reduction in expected property losses (building, contents, and function) and protection of human life.

Benefit-cost Analysis (BCA): Benefit-cost analysis is a systematic, quantitative method of comparing the projected benefits to projected costs of a project or policy. It is used as a measure of cost-effectiveness.

Biological Event: An occurrence of a biological substances that poses a threat to the health of living organisms, primarily that of humans. This can include medical waste or samples of a microorganism, virus or toxin (from a biological source) that can impact human health. It can also include substances harmful to animals, particularly livestock.

Building: A structure that is walled and roofed, principally above ground and permanently affixed to a site. The term includes a manufactured home on a permanent foundation on which the wheels and axles carry no weight.

Coastal Zone: The area along the shore where the ocean meets the land as the surface of the land rises above the ocean. This land/water interface includes barrier islands, estuaries, beaches, coastal wetlands, and land areas having direct drainage to the ocean.

Community Rating System (CRS): A program that provides incentives for National Flood Insurance Program participating communities to complete activities that reduce flood hazard risk. When the community completes specified activities, the insurance premiums of the policyholders in those communities are reduced.

Contour: A contour line depicts equal ground elevation on a topographic (contour) map.

Councils of Government: Regional bodies that exist throughout the United States. They are also sometimes called regional councils, regional commissions, regional planning commissions, planning district commissions, and development districts. A typical council is defined to serve an area of several counties, and they address issues such as regional and municipal planning, economic and community development, cartography and GIS, hazard mitigation and emergency planning, aging services, water use, pollution control, transit administration, and transportation planning. Council membership is typically drawn from the county, city, and other government bodies within its area.

Debris: The scattered remains of assets broken or destroyed in a hazard event. Debris caused by a wind or water hazard event can cause additional damage to other assets.

Disaster Mitigation Act of 2000 (DMA 2000): DMA 2000 (Public Law 106-390) is legislation to improve the mitigation planning process. It was signed into law on October 10, 2000. This legislation reinforces the importance of mitigation planning and emphasizes planning for disasters before they occur.

Drought: The consequence of anticipated natural precipitation reduction over an extended period of time, usually a season or more in length.

Earthquake: Any seismic event—whether a natural phenomenon or an event caused by humans—that generates seismic waves. Earthquakes are caused mostly by rupture of geological faults, but also by volcanic activity, landslides, mine blasts, and nuclear experiments.

Erosion: Wearing away of the land surface by detachment and movement of soil and rock fragments, during a flood or storm or over a period of years, through the action of wind, water, or other geologic processes.

Extent: The size of an area affected by a hazard or hazard event.

Fault: A fracture in the continuity of a rock formation caused by a shifting or dislodging of the earth's crust, in which adjacent surfaces are differentially displaced parallel to the plane of fracture.

Federal Emergency Management Agency (FEMA): Agency created in 1979 to provide a single point of accountability for all federal activities related to disaster mitigation and emergency preparedness, response, and recovery.

Flood Depth: Height of the floodwater surface above the ground surface.

Flood Hazard Area: The area inundated by a flood of a given magnitude on a map.

Flood Insurance Rate Map (FIRM): Map of a community, prepared by FEMA, which shows both the special flood hazard areas and the risk premium zones applicable to the community under the National Flood Insurance Program.

Flood Zone: A geographical area shown on a FIRM that reflects the expected severity or type of flooding in the area.

Floodplain: Any land area, including watercourse, susceptible to partial or complete inundation by water from any source.

Hail: A form of solid precipitation which consists of balls or irregular lumps of ice, that are individually called hail stones. Hail stones on Earth consist mostly of water ice and measure between 0.20 inches and 5.9 inches in diameter, with the larger stones coming from severe thunderstorms.

Hazard: A source of potential danger or adverse condition.

Hazard Event: A specific occurrence of a particular type of hazard.

Hazard Identification: The process of identifying hazards that threaten an area.

Hazard Mitigation: Sustained actions taken to reduce or eliminate long-term risk from hazards and their effects.

Hazardous Materials Incident: A biological, chemical or physical agent with the potential to cause harm to the environment or people on its own or when combined with other factors or materials.

HAZUS (Hazards U.S.): A GIS-based, nationally standardized loss estimation tool developed by FEMA.

Hurricane: An intense tropical cyclone, formed in the atmosphere over warm ocean areas, in which wind speeds reach 74 miles per hour or more and blow in a large spiral around a relatively calm center or "eye." Hurricanes develop over the Atlantic Ocean, northeast Pacific Ocean, or the south Pacific Ocean east of 1600E longitude. Hurricane circulation is counter-clockwise in the Northern Hemisphere and clockwise in the Southern Hemisphere.

Infrastructure: Refers to the public services of a community that have a direct impact on the quality of life. Infrastructure includes communication technology such as phone lines or Internet access, vital services such as public water supplies and sewer treatment facilities, and includes an area's transportation system such as airports, heliports, highways, bridges, tunnels, roadbeds, overpasses, railways, bridges, rail yards, depots; and waterways, canals, locks, seaports, ferries, harbors, dry docks, piers, and regional dams.

Landslide: Downward movement of a slope and materials under the force of gravity.

Lightning: An atmospheric discharge of electricity accompanied by thunder, which typically occurs during thunderstorms, and sometimes during volcanic eruptions or dust storms. In the atmospheric electrical discharge, a leader of a bolt of lightning can travel at speeds of 130,000 MPH, and can reach temperatures approaching 54,000 °F, hot enough to fuse silica sand into glass.

Local Emergency Planning Committee (LEPC): LEPCs consist of community representatives and are appointed by the State Emergency Response Commissions (SERCs), as required by Superfund Amendments and Reauthorization Act (SARA), Title III. They develop an emergency plan to prepare for and respond to chemical emergencies. They are also responsible for coordinating with local facilities to find out what they are doing to reduce hazards, prepare for accidents, and reduce hazardous inventories and releases. The LEPC serves as a focal point in the community for information and discussions about hazardous substances, emergency planning, and health and environmental risks.

Loss of Function: Damage to a facility or interruption of service to a point that the facility or service can no longer provide a public benefit. Most often associated with utilities and critical service providers, such as police and fire facilities.

Magnitude: A measure of the strength of a hazard event. The magnitude (also referred to as severity) of a given hazard event is usually determined using technical measures specific to the hazard.

Mitigate: To cause something to become less harsh or hostile, to make less severe or painful.

Mitigation Plan: Systematically evaluating community policies, actions, and tools, and setting goals for implementation over the long term that will result in a reduction in risk and minimize future losses community-wide.

National Flood Insurance Program (NFIP): Federal program created by Congress in 1968 that makes federally subsidized flood insurance available in communities that enact minimum floodplain management regulations as indicated in 44 CFR §60.3.

National Weather Service (NWS): Prepares and issues flood, severe weather, and coastal storm warnings and can provide technical assistance to federal and state entities in preparing weather and flood warning plans.

Pandemic: An epidemic of infectious disease that is spreading through human populations across a large region; for instance a continent, or even worldwide. A widespread endemic disease that is stable in terms of how many people are getting sick from it is not a pandemic. Further, flu pandemics exclude seasonal flu, unless the flu of the season is a pandemic. Throughout history there have been a number of pandemics, such as smallpox and tuberculosis. More recent pandemics include the HIV pandemic and the 2009 flu pandemic.

Planning: The act or process of making or carrying out plans; the establishment of goals, policies, and procedures for a social or economic unit.

Preparedness: Actions that strengthen the capability of government, citizens, and communities to respond to disasters.

Probability: A statistical measure of the likelihood that a hazard event will occur.

Recovery: The actions taken by an individual or community after a catastrophic event to restore order and lifelines in a community.

Regulatory Power: Local jurisdictions have the authority to regulate certain activities in their jurisdiction. With respect to mitigation planning, the focus is on such things as regulating land use development and construction through zoning, subdivision regulations, design standards, and floodplain regulations.

Response: The actions taken during an event to address immediate life and safety needs and to minimize further damage to properties.

Risk: The estimated impact that a hazard would have on people, services, facilities, and structures in a community; the likelihood of a hazard event resulting in an adverse condition that causes injury or damage. Risk is often expressed in relative terms such as a high, moderate, or low likelihood of sustaining damage above a particular threshold due to a specific type of hazard event. It also can be expressed in terms of potential monetary losses associated with the intensity of the hazard.

Scale: A proportion used in determining a dimensional relationship; the ratio of the distance between two points on a map and the actual distance between the two points on the earth's surface.

Sinkhole: A natural depression or hole in the Earth's surface caused by karst processes - the chemical dissolution of carbonate rocks or suffosion processes in sandstone. Sinkholes may vary in size from less than 3.3 to 2,000 feet, both in diameter and depth, and vary in form from soil-lined bowls to bedrock-edged chasms. They may be formed gradually or suddenly, and are found worldwide. Sinkholes may capture surface drainage for running or standing water, but may also form in currently high and dry locations.

Social Vulnerability Index: The Social Vulnerability Index (SOVI™) measures the social vulnerability of U.S. counties to environmental hazards. The index is a comparative metric that facilitates the examination of the differences in social vulnerability among counties.

Stafford Act: The Robert T. Stafford Disaster Relief and Emergency Assistance Act, PL 100-107 was signed into law November 23, 1988 and amended the Disaster Relief Act of 1974, PL 93-288. The Stafford Act is the statutory authority for most federal disaster response activities, especially as they pertain to FEMA and its programs.

Stakeholder: Individual or group that will be affected in any way by an action or policy. They include businesses, private organizations, and citizens.

State Hazard Mitigation Officer (SHMO): The representative of state government who is the primary point of contact with FEMA, other state and federal agencies, and local units of government in the planning and implementation of pre- and post-disaster mitigation activities.

Substantial Damage: Damage of any origin sustained by a structure in a Special Flood Hazard Area whereby the cost of restoring the structure to its before-damaged condition would equal or exceeds 50 percent of the market value of the structure before the damage. In some communities, substantial damage can also be calculated based on cumulative damage events rather than a single damaging event.

Tectonic Plate: Torsionally rigid, thin segments of the earth's lithosphere that may be assumed to move horizontally and adjoin other plates. It is the friction between plate boundaries that cause seismic activity.

Terrorism: Violence committed by groups or individuals in order to intimidate a population or government into granting their demands.

Thunderstorm: A form of weather characterized by the presence of lightning and its acoustic effect on the Earth's atmosphere known as thunder. Thunderstorms can generally form and develop in any geographic location, perhaps most frequently within areas located at mid-latitude when warm moist air collides with cooler air. Thunderstorms are responsible for the development and formation of many severe weather phenomena.

Topographic: Characterizes maps that show manmade features and indicate the physical shape of the land using contour lines.

Tornado: A violently rotating column of air extending from a thunderstorm to the ground.

Tropical Cyclone: A generic term for a cyclonic, low-pressure system over tropical or sub-tropical waters.

Tropical Storm: A tropical storm or cyclone having maximum sustained winds greater than 39 mph and less than 74 mph.

Vulnerability: Describes how exposed or susceptible to damage an asset is. Vulnerability depends on an asset's construction, contents, and the economic value of its functions. Like indirect damages, the vulnerability of one element of the community is often related to the vulnerability of another. For example, since many businesses depend on uninterrupted electrical power, if an electric substation is flooded it will affect not only the substation itself, but a number of businesses as well. Often, indirect effects can be much more widespread and damaging than direct ones.

Vulnerability Assessment: The extent of injury and damage that may result from a hazard event of a given intensity in a given area. The vulnerability assessment should address impacts of hazard events on the existing and future built environment.

Wildfire: An uncontrolled fire spreading through vegetative fuels, exposing and possibly consuming structures.

Wind: The horizontal motion of the air past a given point. Winds begin with differences in air pressures. Pressure that's higher at one place than another sets up a force pushing from the high toward the low pressure. The greater the difference in pressures, the stronger the force. The distance between the area of high pressure and the area of low pressure also determines how fast the moving air is accelerated. Meteorologists refer to the force that starts the wind flowing as the "pressure gradient force." High and low pressures are relative. There's no set number that divides high and low pressure. Wind is used to describe the prevailing direction from which the wind is blowing with the speed given usually in miles per hour or knots.

Winter Storm: An event in which the dominant varieties of precipitation are forms that only occur at cold temperatures, such as snow or sleet, or a rainstorm where ground temperatures are cold enough to allow ice to form. In temperate continental climates, these storms are not necessarily restricted to the winter season, but may occur in the late autumn and early spring as well. Very rarely, they may form in summer, though it would have to be an abnormally cold summer. In the Northern Hemisphere, the most powerful winter storms usually occur in March (such as the 1993 Superstorm) and, in regions where temperatures are cold enough, April.

Adoption Resolutions

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- C.3.18 City of Universal City (Bexar County)
- C.3.19 City of Von Ormy (Bexar County)
- C.3.20 City of Windcrest (Bexar County)
- C.3.21 City of Bulverde (Comal County)
- C.3.22 City of Garden Ridge (Comal County)
- C.3.23 City of New Braunfels (Comal County)
- C.3.24 City of Dilley (Frio County)
- C.3.25 City of Pearsall (Frio County)
- C.3.26 City of Fredericksburg (Gillespie County)
- C.3.27 City of Cibolo (Guadalupe County)

C.3.28 City of Schertz (Guadalupe County)
C.3.29 City of Seguin (Guadalupe County)
C.3.30 City of Falls City (Karnes County)
C.3.31 City of Karnes City (Karnes County)
C.3.32 City of Kenedy (Karnes County)
C.3.33 City of Runge (Karnes County)
C.3.34 City of Ingram (Kerr County)
C.3.35 City of Kerrville (Kerr County)
C.3.36 City of Castroville (Medina County)
C.3.37 City of Devine (Medina County)
C.3.38 City of Hondo (Medina County)
C.3.39 City of Floresville (Wilson County)
C.3.40 City of LaVernia (Wilson County)
C.3.41 City of Stockdale (Wilson County)
C.4 Other Documentation
C.4.1 San Antonio River Authority

Note to TDEM/FEMA Reviewers: This appendix will be completed as the necessary actions take place.

C.1 Summary of Adoption Resolutions

The following table lists the participating jurisdictions and the date they formally adopted this Plan Update.

Summary of AACOG Participant Adoption Resolutions			
County	**Date of Adoption**	**Municipality / Community**	**Date of Adoption**
Atascosa		Charlotte	
		Christine	
		Jourdanton	
		Lytle	
		Pleasanton	
		Poteet	
Bandera		Bandera	
Bexar		Alamo Heights	
		Balcones Heights	
		Converse	
		Helotes	
		Hill Country Village	
		Hollywood Park	
		Kirby	
		Leon Valley	
		Live Oak	
		San Antonio	
		Somerset	
		Terrell Hills	
		Universal City	
		Windcrest	
Comal		Bulverde	
		Garden Ridge	
		New Braunfels	
Frio		Dilley	
		Pearsall	
Gillespie		Fredericksburg	
Guadalupe		Cibolo	
		Schertz	
		Seguin	
Karnes		Karnes City	
		Kenedy	
		Runge	
		Falls City	
Kerr		Ingram	
		Kerrville	
Medina		Castroville	
		Devine	
		Hondo	

Summary of AACOG Participant Adoption Resolutions			
County	**Date of Adoption**	**Municipality / Community**	**Date of Adoption**
		Natalia	
Wilson		Floresville	
		La Vernia	
		Stockdale	

C.2 County Adoption Resolutions

This section contains scans of the adoption resolutions passed by the participating counties.

C.2.1 Atascosa County

C.2.2 Bandera County

C.2.3 Bexar County

C.2.4 Comal County

C.2.5 Frio County

C.2.6 Gillespie County

C.2.7 Guadalupe County

C.2.8 Karnes County

C.2.9 Kerr County

C.2.10 Medina County

C.2.11 Wilson County

C.3 Municipality Adoption Resolutions

This section contains scans of the adoption resolutions passed by the participating municipalities.

C.3.1 City of Charlotte (Atascosa County)

C.3.2 City of Christine (Atascosa County)

C.3.3 City of Jourdanton (Atascosa County)

C.3.4 City of Lytle (Atascosa County)

C.3.5 City of Pleasanton (Atascosa County)

C.3.6 City of Poteet (Atascosa County)

C.3.7 City of Bandera (Bandera County)

C.3.8 City of Alamo Heights (Bexar County)

C.3.9 City of Balcones Heights (Bexar County)

C.3.10 City of Converse (Bexar County)

C.3.11 City of Helotes (Bexar County)

C.3.12 City of Kirby (Bexar County)

C.3.13 City of Leon Valley (Bexar County)

C.3.14 City of Live Oak (Bexar County)

C.3.15 City of San Antonio (Bexar County)

C.3.16 City of Somerset (Bexar County)

C.3.17 City of Terrell Hills (Bexar County)

C.3.18 City of Universal City (Bexar County)

C.3.19 City of Von Ormy (Bexar County)

C.3.20 City of Windcrest (Bexar County)

C.3.21 City of Bulverde (Comal County)

C.3.22 City of Garden Ridge (Comal County)

C.3.23 City of New Braunfels (Comal County)

C.3.24 City of Dilley (Frio County)

C.3.25 City of Pearsall (Frio County)

C.3.26 City of Fredericksburg (Gillespie County)

C.3.27 City of Cibolo (Guadalupe County)

C.3.28 City of Schertz (Guadalupe County)

C.3.29 City of Seguin (Guadalupe County)

C.3.30 City of Falls City (Karnes County)

C.3.31 City of Karnes City (Karnes County)

C.3.32 City of Kenedy (Karnes County)

C.3.33 City of Runge (Karnes County)

C.3.34 City of Ingram (Kerr County)

C.3.35 City of Kerrville (Kerr County)

C.3.36 City of Castroville (Medina County)

C.3.37 City of Devine (Medina County)

C.3.38 City of Hondo (Medina County)

C.3.39 City of Floresville (Wilson County)

C.3.40 City of LaVernia (Wilson County)

C.3.41 City of Stockdale (Wilson County)

C.4 Other Documentation

This section contains scans of the other documentation from the participants.

C.4.1 San Antonio River Authority

APPENDIX D

Approval Letters

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- D.2.3 Bexar County
- D.2.4 Comal County
- D.2.5 Frio County
- D.2.6 Gillespie County
- D.2.7 Guadalupe County
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- D.3.9 City of Balcones Heights (Bexar County)
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- D.3.12 City of Kirby (Bexar County)
- D.3.13 City of Leon Valley (Bexar County)
- D.3.14 City of Live Oak (Bexar County)
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- D.3.17 City of Terrell Hills (Bexar County)
- D.3.18 City of Universal City (Bexar County)
- D.3.19 City of Von Ormy (Bexar County)
- D.3.20 City of Windcrest (Bexar County)
- D.3.21 City of Bulverde (Comal County)
- D.3.22 City of Garden Ridge (Comal County)
- D.3.23 City of New Braunfels (Comal County)
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- D.3.25 City of Pearsall (Frio County)
- D.3.26 City of Fredericksburg (Gillespie County)
- D.3.27 City of Cibolo (Guadalupe County)

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D.3.34 City of Ingram (Kerr County)
D.3.35 City of Kerrville (Kerr County)
D.3.36 City of Castorville (Medina County)
D.3.37 City of Devine (Medina County)
D.3.38 City of Hondo (Medina County)
D.3.39 City of Floresville (Wilson County)
D.3.40 City of LaVernia (Wilson County)
D.3.41 City of Stockdale (Wilson County)
D.4 Other Documentation
D.4.1 San Antonio River Authority

Note to TDEM/FEMA Reviewers: This appendix will be completed as the necessary actions take place.

D.1 Summary of Approval Letters

The following table lists the participating jurisdictions and the date of their approval letter was issued. All participants acknowledge that the first approval letter to be issued is the date of approval for five year update purposes.

Summary of AACOG Participant Approval Letters			
County	**Date of Approval**	**Municipality / Community**	**Date of Approval**
Atascosa		Charlotte	
		Christine	
		Jourdanton	
		Lytle	
		Pleasanton	
		Poteet	
Bandera		Bandera	
Bexar		Alamo Heights	
		Balcones Heights	
		Converse	
		Helotes	
		Kirby	
		Leon Valley	
		Live Oak	
		San Antonio	
		Somerset	
		Terrell Hills	
		Universal City	
		Windcrest	
Comal		Bulverde	
		Garden Ridge	
		New Braunfels	
Frio		Dilley	
		Pearsall	
Gillespie		Fredericksburg	
Guadalupe		Cibolo	
		Schertz	
		Seguin	
Karnes		Karnes City	
		Kenedy	
		Runge	
		Falls City	
Kerr		Ingram	
		Kerrville	
Medina		Castroville	
		Devine	
		Hondo	
		Natalia	
Wilson		Floresville	
		La Vernia	
		Stockdale	

D.2 County Approval Letters

This section contains scans of the approval letters received by the participating counties.

D.2.1 Atascosa County

D.2.2 Bandera County

D.2.3 Bexar County

D.2.4 Comal County

D.2.5 Frio County

D.2.6 Gillespie County

D.2.8 Guadalupe County

D.2.9 Karnes County

D.2.10 Kerr County

D.2.11 Medina County

D.2.12 Wilson County

D.3 Municipality Approval Letters

This section contains scans of the approval letters received by the participating municipalities.

D.3.1 City of Charlotte (Atascosa County)

D.3.2 City of Christine (Atascosa County)

D.3.3 City of Jourdanton (Atascosa County)

D.3.4 City of Lytle (Atascosa County)

D.3.5 City of Pleasanton (Atascosa County)

D.3.6 City of Poteet (Atascosa County)

D.3.7 City of Bandera (Bandera County)

D.3.8 City of Alamo Heights (Bexar County)

D.3.9 City of Balcones Heights (Bexar County)

D.3.10 City of Converse (Bexar County)

D.3.11 City of Helotes (Bexar County)

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D.3.24 City of Dilley (Frio County)

D.3.25 City of Pearsall (Frio County)

D.3.26 City of Fredericksburg (Gillespie County)

D.3.27 City of Cibolo (Guadalupe County)

D.3.28 City of Schertz (Guadalupe County)

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D.3.37 City of Devine (Medina County)

D.3.38 City of Hondo (Medina County)

D.3.39 City of Floresville (Wilson County)

D.3.40 City of LaVernia (Wilson County)

D.3.41 City of Stockdale (Wilson County)

D.4 Other Approval Letters

This section contains scans of the approval letters received by other participating entities.

D.4.1 San Antonio River Authority

APPENDIX E

Meeting Documentation

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- E.1.1 Invitation Letter
- E.1.2 Attendees
- E.1.3 Agenda
- E.1.4 Meeting Notes

E.2 Meeting #2 Documentation
- E.2.1 Invitation Letter
- E.2.2 Attendees
- E.2.3 Agenda
- E.2.4 Meeting Notes – July 29, 2010
- E.2.5 Meeting Notes – July 30, 2010

E.3 Meeting #3 Documentation
- E.3.1 Invitation Letter
- E.3.2 Attendees
- E.3.3 Agenda
- E.3.4 Meeting Notes

This appendix contains information regarding the Executive Committee meetings. For information regarding the local Hazard Mitigation Team meetings, please see Appendix G.

Prior to the commencement of the plan development meetings, the 2005 planning process was analyzed and discussed by the consultants and AACOG. It was determined that the process to develop the Plan Update would be designed to be as similar to the 2005 process as possible, to ensure continuity and familiarity among the participants. However, this process also considered that future updates to this Plan Update would require that the participant data be separated, and tried to ease this process wherever possible.

Wherever possible and practical, discussion, exercises and decisions were held or made using comparative information from the 2005 Plan with the results of the Plan Update development process. These discussions and their outcome are described in Section 5. The meeting notes contained in this appendix provide the record of consideration for information and data found in the 2005 Plan, and how it was or was not incorporated into this Plan Update.

E.1 Kickoff Meeting Documentation

This section contains documentation related to the Kickoff Meeting, held June 18, 2010.

E.1.1 Invitation Letter

This invitation letter was sent to the complete list of participants prior to the Kickoff Meeting, held June 18, 2010.

Kelly George

From: Alessandra Jerolleman
Sent: Tuesday, June 15, 2010 3:57 PM
To: Matt Stanley; Kelly George
Subject: FW: Invitation to AACOG's Hazard Mitigation Plan Update Kickoff Meeting--

FYI

From: Adrienne Cohen [mailto:arcohen@AACOG.com]
Sent: Tuesday, June 15, 2010 2:53 PM
To: HLS
Cc: Alessandra Jerolleman; Vincent Velasquez
Subject: Invitation to AACOG's Hazard Mitigation Plan Update Kickoff Meeting--

June 15, 2010

Re: Invitation to AACOG's Hazard Mitigation Plan Update Kickoff Meeting

Dear Colleagues, Elected Officials, EMC's, POC's

The Alamo Area Council of Governments (AACOG) is preparing to update our current Multi-Jurisdictional Hazard Mitigation Plan, and needs your assistance with the evaluation of hazards and risks, as well as the updating of the plan. Made possible by a grant provided through the Texas Division of Emergency Management (TDEM), the plan update will build upon existing data and will address the hazards, risks and vulnerabilities that are specific to our area. AACOG has contracted the services of a consulting firm, James Lee Witt Associates, to assist with the planning process.

As with our previous plan, this plan update will identify and document potential mitigation opportunities within the AACOG planning area, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying mitigation projects suitable for future federal funding and will address past issues caused by natural and human-caused hazards.

We invite you (or your designee) to join us at all our Executive Mitigation Committee meetings. You are receiving this invitation to participate in our hazard mitigation plan update process because we have identified your agency or office as one that has both information and an interest that would be beneficial to the plan update process. We ask that you or your designee plan to participate in the update of this plan by attending and participating in Committee meetings. We hope to move forward with a high level of attendance and participation in the planning process, as the plan is intended to address hazard vulnerability and mitigation issues within AACOG's planning area.

The timeline for this process is greatly condensed. The final draft plan must be submitted to TDEM in August 2010, where it will be reviewed and approved by both TDEM and FEMA. We anticipate the need for 3-4 Steering Committee meetings, some of which will require in-person attendance. Other meetings will be held virtually, and will not require in-person attendance.

The Kickoff Meeting will be held on **Friday, June 18, 2010, from 1 pm – 3 pm.** The meeting will be held via WebEx and conference call. Please ensure that you are able to participate in this meeting via phone and internet, as you will need to login to the website to view the presentations. Instructions for the WebEX are at end of this invitation.

1

Please provide the WebEx information to your Hazard Team members who participated in 2005 and any others since then about this kick off meeting. If there are any other incividuals who you feel should also be on this WebEx meeting, please provide them with the information so they can participate in the Kickoff Meeting on Friday.

If you have questions regarding the planning process or the meeting, or if you have information that you feel would be beneficial to the planning process, please contact Alessandra Jerolleman of James Lee Witt Associates at 504-914-6618 or ajerolleman@wittassociates.com.

Thank you for your help, and for your commitment to making the AACOG area more disaster resistant.

Thanks,

Adrienne

Adrienne R. Cohen
Homeland Security Specialist
Alamo Area Council of Governments
8700 Tesoro Dr., Suite 700
San Antonio, TX 78217
210-362-5356 (phone)
210-822-6217 (fax)

Here is the information for the WebEx:

Topic: AACOG Meeting 1
Date: Friday, June 18, 2010
Time: 1:00 pm, Central Daylight Time (Chicago, GMT-05:00)
Meeting Number: 556 904 886
Meeting Password: Global1

To join the online meeting (Now from iPhones too!)

---

1. Go to https://globaloptions.webex.com/globaloptions/j.php?ED=118092342&UID=1049050242&PW=NMTNkODQ0NTY5&RT=MiM3
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: Global1
4. Click "Join".

To join the audio conference only

Call-in toll free number (US/Canada): 1-866-469-3239
Call-in toll number (US/Canada): 1-650-429-3300
Global call-in numbers:
https://globaloptions.webex.com/globaloptions/globalcallin.php?serviceType=MC&ED=118092342&tollFree=1
Toll-free dialing restrictions: http://www.webex.com/pdf/tollfree_restrictions.pdf

Access code:556 904 886

E.1.2 Attendees

The following table lists the attendees to the Kickoff Meeting, held June 18, 2010.

Name	Title	Agency/Organization	Jurisdiction
Adrienne Cohen	Homeland Security Specialist	AACOG	AACOG
Mary Ruiz	Homeland Security Manager	AACOG	AACOG
Mike Quinn	Public Safety Director	AACOG	AACOG
Gary Woppert	Emergency Management Coordinator	Live Oak Emergency Management	City of Live Oak
James Mendoza	Assistant Emergency Management Coordinator	City of San Antonio Emergency Management	City of San Antonio
Scott Lampright	Assistant Emergency Management Coordinator	Bexar County Emergency Management	Bexar County
Carol Edgett	Emergency Management Coordinator	Comal County Emergency Management	Comal County, Communities of Bulverde, Garden Ridge, New Braunfels
Vince Velasquez	Project Manager	Witt Associates	
Matt Stanley	Senior Planner	Witt Associates	
Alessandra Jerolleman	Senior Planner	Witt Associates	

E.1.3 Agenda

The following is the agenda used to facilitate the Kickoff Meeting, held June 18, 2010.

Agenda:

- Introductions
- Benefits of Participation
- Hazard Mitigation Planning Overview
- Hazard Overview
- Data Requests
- Mitigation Project Types
- Next Steps

E.1.4 Meeting Notes

The following are the meeting notes from Kickoff Meeting, held June 18, 2010.

AACOG Hazard Mitigation Plan Update
Steering Committee Meeting #1
June 18, 2010 1pm

- Mary Seguin Ruiz introduced the consulting team and facilitated the introductions on the WebEx-based meeting.
- Alessandra Jerolleman began the meeting at 1:10 PM with the PowerPoint presentation. She discussed:
    - the benefits of participating in the plan and planning process,
    - the definition of hazard mitigation, and
    - mitigation measures.
- Alessandra then discussed the plan update process:
    - organizing resources,
    - risk assessments,
    - mitigation opportunities and priorities,
    - development of the plan, and
    - implementation plan.
- Committee members requested that the presentation be available to them after the meeting, and were assured that they would have access to it. (Note: *The presentation is available for additional information).*
- The Hazard Identification Worksheet was then presented to the committee.
- The hazards were profiled in a handout/worksheet that was emailed to the committee. Those hazards were compared to the State Plan.
- Alessandra suggested that previously included hazards not be excluded from the update, but that there may be new hazards to add. She asked that recommendations be submitted as soon as possible because of a compressed deadline.
- Human-Caused Hazards: It has been suggested that “hazmat” and “pandemic” be added to the plan.
- Adrienne Cohen suggested adding “high-wind” as a hazard
- Gary Woppert (Live Oak): Hazmat, structural collapse, terrorism, and civil disorder are potential hazards that were not looked at in the previous plan.
- James Mendoza (San Antonio) re: hazmat and pandemic (flu) - I understand that this plan will cover natural disasters only. Also... landslide became a real threat in the past year... would like to see it added
- Scott Lampright, Bexar county... would it be subsidence or landslide?
- Alessandra defined subsidence for the purposes of the plan. Some discussion followed. No determinations were made whether to add subsidence or landslide.
- Carol Edgett (Comal County) suggested we look at pandemic; also look at transportation incidents because of railroad and transportation incidents. Does a hazard have to be identified in the plan to qualify for PDM funds? Alessandra - that is correct
- Scott Lampright - what is required in the plan to gain FEMA approval? Are we going to run out of funds? Alessandra: FEMA advocates all-hazards planning but currently will not review human-caused hazards. Sometimes dam and levee failure are required. There are also “2 actions per hazard” and “2 actions per jurisdiction” requirements. You will be required to explain the status of all previously identified hazards and justify any reasons that they have been deferred or deleted. The cost is associated with the depth of the plan.

- The committee was reminded that they have already received requests for data including NCDC data. Samples of worksheets were presented to the group in the WebEx presentation. Please complete and return by June 21.
- The participants were also presented with requests for Presidential Declaration data. Please return the completed data by June 30.
- The planners will also be looking for other data and will send those requests to you.
- Please start thinking about your communities and facilities, and where there may be project needs in the community.
- Alessandra then began to provide an overview of mitigation project types including acquisition, hardening and retrofitting facilities, drainage improvements, wet/dry flood-proofing, and community shelters.
- The meeting wrapped up with an opportunity for participants to ask questions:
    - James w/ San Antonio:

    Q- Are you planning on individual meetings or group sessions?
    A- We are still fleshing out the details, but they will be public meetings.
    Q- So there will be an opportunity for public meetings?
    A- Yes, we are required to make some meetings open to the public, and will do that through phone in opportunities on web meetings and in the jurisdictional meetings.

E.2 Meeting #2 Documentation

This section contains documentation related to Meeting #2, held July 29 and 30, 2010. Two identical meetings were held on two different days, to allow for maximum participation in the plan development process.

E.2.1 Invitation Letter

This invitation letter was sent to the complete list of participants prior to Meeting #2, held July 29 and 30th, 2010.

Kelly George

From: Adrienne Cohen [arcohen@AACOG.com]
Sent: Thursday, July 15, 2010 5:54 PM
To: HLS
Cc: Alessandra Jerolleman; mstanley@staff.jlwitt.com; Vincent Velasquez; Kelly George
Subject: MITIGATION WORKSHOP INVITATION for UPDATE to AACOG Regional Hazard Mitigation Action Plan

July 15, 2010

TO: Elected Officials, Emergency Management Coordinators and POC's

We invite you to participate in an upcoming meeting to help us address the issues impacting our community and to be involved in the planning process for the update to the AACOG Regional Hazard Mitigation Plan. We encourage you to invite the public within your community and encourage residents to attend the meeting. A Public Notice will be placed in the various newspapers of the region.

We would like each jurisdiction's hazard mitigation team and the SARA team to attend the meeting together. We will facilitate a large group meeting and then provide break-out sessions for each attending jurisdiction and SARA.

We ask that you and your local mitigation team attend only **one** of two meetings that are scheduled.

The first meeting will take place from 9:00 AM -1:00 PM, Thursday, July 29, 2010 in the Courtroom of the Wilson County Justice Center located at 800 10th St., Floresville, TX.

The other meeting is scheduled the next day from 1:00 PM – 5:00 PM, Friday, July 30, 2010 at AACOG in the Al. J. Notzon III Board Room at 8700 Tesoro Drive, San Antonio.

It is not necessary to attend both meetings. Choose the one most convenient for you. Your team's participation in one is appreciated.

Please RSVP the date and number from your jurisdiction that are attending to kgeorge@wittassociates.com by July 26, 2010. Please copy HLS@aacog.com with your RSVP.

The Mitigation Workshop will be a working session to formulate goals and objectives to mitigate the hazards identified in the risk assessment, and develop a preliminary list of mitigation actions and action plans for the area as a whole and for each participating jurisdiction. **It is critical that those jurisdictions participating in the development of the plan be represented at the Workshop.** We are encouraging participation by local elected officials, City Managers, Floodplain Administrators, Public Works Directors, planners, Emergency Management Coordinators, Fire Marshals, Police Chiefs, Sheriffs, County Engineers, Building Officials and Inspectors, and local health officials.

The meeting will include a qualitative risk assessment exercise, a preliminary overview of quantitative risk assessment results, and review of the status of existing mitigation actions. Note that the Consultant will be conducting break-out sessions so group attendance is important. We need everyone's cooperation throughout this process so that the needs of your jurisdiction will be addressed and you'll be eligible for future hazard mitigation grant funding.

Your continued participation and support is greatly appreciated, as is any information you can add to the planning process.

E.2.2 Attendees

The following table lists the attendees to the first session of Meeting #2, held July 29, 2010.

Name	Email	Phone	Jurisdiction / Agency
Adrienne Cohen	acohen@aacog.com	210.362.5256	AACOG
Mike Quinn	mquinn@aacog.com	210.362.5216	AACOG
R. David Tillery	davidtillery@live.com	830.996.3120	City of Stockdale
Harold Gleinsen	hgleinsen@goliadcountytx.gov	361.645.3337	Goliad County
Harold Schott	hschott@lavernia-tx.gov	830.779.4541	City of La Vernia
Bobby Hyatt	bhyatt@lavernia-tx.gov	830.770.2113	City of La Vernia
Richard Fryer	rfryer@lavernia-tx.gov	830.779.4541	City of La Vernia
Jimmy Harless	jimmyh@co.guadalupe.tx.us	830.303.8858	Guadalupe County, Communities of Cibolo, Marion, New Berlin, Santa Clara, Staples
John Culpepper	jculpepper@fbgtx.org	830.990.2033	City of Fredericksburg & Gillespie County
Greg Dreiss	gdreiss@seguintexas.gov	830.401.2312	City of Seguin
(Illegible)		830.583.3776	City of Karnes & Karnes County
Homer Rios		830.583.5950	City of Runge & Karnes County
Rafael Arias, Jr.	rarias@sara-tx.org	210.302.3650	San Antonio River Authority
Homer Lutt, Jr.	homerlutt@elosowater.com	830.299.2500	City of Runge
Larry Timmermaw	larry@co.guadalupe.tx.us	830.379.9721	Guadalupe County, Communities of Cibolo, Marion, New Berlin, Santa Clara, Staples
Shelby Dupnik	sdupnik@sbcglobal.net	830.299.1824	Karnes County, Community of Falls City
Larry Wiley	Wileyforwilson@gmail.com	830.996.3300	Wilson County
Dan Kinsey	dkinsey@co.guadalupe.tx.us	830.303.8856	Guadalupe County, Communities of Cibolo, Marion, New Berlin, Santa Clara, Staples
Edward R. Maldonado	ermaldonado@att.net	830.334.2154	Frio County, Communities of Dilley and Pearsall
Jim Boeck	jboeck@seguintexas.gov	830.379.2123	City of Seguin PD
Tom (illegible)		830.379.1224	Guadalupe County Sheriff's Office
Jesse Evins	Jesse.evins@cityoffloresville,org	830.395.4055	City of Floresville Police Department

Name	Email	Phone	Jurisdiction / Agency
Andy Joslin	citymanager@cityoffloresville.org	830.303.3105	City of Floresville
W Gibbs	wgibbs@wcn-online.com	830.216.4519	Wilson County News
Vince Velasquez	vvv@wittassociates.com	713.818.5738	Witt Associates
Matt Stanley	mstanley@staff.jlwitt.com	912.655.4809	Witt Associates
Alessandra Jerolleman	ajerolleman@wittassociates.com	504.914.8842	Witt Associates

The following table lists the attendees to the second session of Meeting #2, held July 30, 2010.

Name	Email	Phone	Jurisdiction / Agency
Adrienne Cohen	acohen@aacog.com	210.362.5256	AACOG
Mike Quinn	mquinn@aacog.com	210.362.5216	AACOG
Mary Ruiz	mruiz@aacog.com	210.362.5296	AACOG
Reha Cimen	rcimen@sara-tx.org	210.302.9246	San Antonio River Authority
Joe Fernandez	josef@sarat-tx.org	210.302.3675	San Antonio River Authority
Carlos A. Garcia	friojudge@hotmail.com	830.334.2154	Frio County, Communities of Dilley and Pearsall
Richard Gonzales	Fcemsmedic2@sbcglobal.net	210.394.8811	Frio County EMS / Sheriff's Office
Carol Edgett	cctcjc@co.comal.tx.us	830.221.1108	Comal County, Communities of Bulverde, Garden Ridge, and New Braunfels
Roger Pollok	Roger.pollok@sanantonio.gov	210.207.8752	San Antonio Metropolitan Health District
Ross Wallace	firechief@universalcitytexas.com	210.659.0333	City of Universal City
John Hatzel	firemarshall@universalcitytexas.com	210.659.0333	City of Universal City
Gary Woppert	gwoppert@liveoaktx.net	210.653.9140	City of Live Oak
Patrick Lewis	fireresources@universalcitytexas.com	210.659.0333	City of Universal City Fire Department
Justin Seibert	jseibert@terrell-hills.com	210.824.7401	City of Terrell Hills
Columbus Stutes	cstutes@terrell-hills.com	210.824.7401	City of Terrell Hills
Gary Hunter	Ghunter@terrell-hills.com	210.824.7401	City of Terrell Hills
Joe Chapa	jchapa@nbtexas.org	830.221.4338	City of New Braunfels
Greg Goodrich	ggoodrich@saws.org	210.233.3889	San Antonio Water System
Henry Martinez	hmartinez@cityofpearsall.org	830.334.4169	City of Pearsall Police Department
Lorenzo Sanchez	Lorezo.sanchez@sanantonio.gov	210.206.8580	San Antonio Office

Name	Email	Phone	Jurisdiction / Agency
			of Emergency Management
James Mendoza	James.mendoza@sanantonio.gov		San Antonio Office of Emergency Management
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Pat Dunlap	Pat.dunlap@kerrvilletx.gov	830.257.8449	City of Kerrville Fire Department
Mark Beavers	Mark.beavers@kerrvilletx.gov	830.257.8449	City of Kerrville Fire Department
Richard Graf	ddpsgraf@yahoo.com	830.719.2715	Frio County, Communities of Dilley and Pearsall
Johnny Rodriguez		830.334.0085	Frio County, Communities of Dilley and Pearsall
Andrew Winter	awinter@bexas.org	210.335.6700	Bexar County
Rolando Martin	Rolando.martin@sanantonio.gov	210.206.8456	City of San Antonio Public Works
Diana J. Bautista	atascosacountyjudge@yahoo.com	830.769.3039	Atascosa County, Communities of Charlotte, Christine, Jourdanton, Lytle, Pleasanton, Poteet
Scott Lampright	slampright@bexar.org		Bexar County Office of Emergency Management
Clay Barton	cbarton@co.kerr.tx.us	830.896.1216	Kerr County Sheriff's Office
Rowan Zachry	rzachry@ingramtx.com	830.367.2636	City of Ingram
Carey Reed	banderaeoc@indian-creek.net	830.796.8343	Bandera County, City of Bandera
Anthony B. Ortiz, Sr.	Anthony.ortiz@sanantonio.gov	210.207.5608	City of San Antonio Public Works
Garland "Tony" Gross	Garland.gross@sanantonio.gov	210.908.8568	City of San Antonio Public Works
Duane Du Bose	ddkcc@yahoo.com	830.583.2984	City of Kenedy
Stephen Gladstone	Stephen.gladstone@txdps.state.tx.us	210.206.8737	RLO DPS
Kelly George	kgeorge@wittassociates.com	813.810.5429	Witt Associates
Vince Velasquez	vvv@wittassociates.com	713.818.5738	Witt Associates
Matt Stanley	mstanley@staff.jlwitt.com	912.655.4809	Witt Associates
Alessandra Jerolleman	ajerolleman@wittassociates.com	504.914.8842	Witt Associates

E.2.3 Agenda

The following is the agenda used to facilitate both sessions of Meeting #2, held July 29 and 30, 2010.

Agenda:

- Introductions
- Progress to Date
  - Plan Reformat
  - Summary of Meeting #1
  - Hazard List
  - Historical Data Submitted and Incorporated to Date
  - Base Maps
  - Future Development
  - Social Vulnerabilities
- Risk Assessment Exercise
  - Quantitative vs. Qualitative Risk Assessments
  - Qualitative Risk Assessment Exercise
- Capability Assessments
- Next Steps
  - Required Data for Quantitative Assessments
  - Overview of Jurisdictional Meetings
  - Important Dates

E.2.4 Meeting Notes – July 29, 2010

The following are the meeting notes from Meeting #2 (session #1), held July 29, 2010.

Second AACOG Executive Mitigation Committee Meeting Minutes
July 29, 2010

Introductions

Mike Quinn (MQ), Public Safety Director, with the Alamo Area Council of Government (AACOG) kicked off the meeting. He stated that the update is really more of a re-write, and asked that the group introduce themselves.

Matt Stanley (MS) reviewed the meeting agenda. He described the process to be followed at the meeting, the initial group meeting and individual county meetings as well as meeting protocols.

Progress to Date

Plan Reformat

MS mentioned that the 2005 Plan has been reformatted so that it flows a bit better and also to assist FEMA reviewers. He noted that the mitigation plan is a federal requirement in order to maintain eligibility for certain federal funds in the event of a disaster. MS noted that the Hazard Profiles and Risk Assessment were the two sections in which the majority of the work was completed. He reviewed each of the ten sections with the group including a brief overview of the contents of each section, noting that they would be asked to review the draft plan in the future and would need to know the basic organization. MS added that all parties are required to adopt the plan in order to be eligible for funding. He also noted that the next update would probably require that counties have their own plans of collaborate in groups of no more than two counties.

Summary of Meeting #1

MS described the initial meeting which was done remotely. He mentioned that it was the first meeting and noted the value of holding a web based meeting. MS asked the group to indicate how many folks had attended the prior meeting. A few individuals noted that they had attended. He then described the SharePoint site and noted that meeting information is available on the SharePoint site for those who were unable to attend that meeting. MS wrapped up the discussion by reminding the group that the 2005 plan is expired and must be updated as soon as possible.

Hazard List

MS shared the hazard list that was decided upon following Meeting #1:

- Flood (flash and riverine)
- Flood (levee and dam failure)
- Tornado
- Tropical systems and hurricanes
- Thunderstorms

- Drought
- Hail
- Wildfire
- Winter Storms
- Earthquakes and Sinkholes
- Energy Pipeline Failures
- Hazardous Materials Incidents (Fixed Site and Transportation)
- Pandemic (Human and Animal)

He then asked meeting participants if they had any final questions or comments on the list. The group was in agreement regarding the hazard list, and MS added that the group could elect to add further hazards in the future. Vince Velasquez (VV) interjected a request to the group to please ensure that they participate in this process and this meeting.

MS briefly discussed the current FEMA policy regarding man-made, technological, and biological hazards.

A participant commented on the lack of local capability to respond to a hazardous materials incident. Another noted that San Antonio has a regional haz mat response team. The need to do a commodity flow study was quickly identified. The participant suggested talking with the Railroad Commission and TXDOT regarding the materials that are being transported. He also expressed concern that there be funding available if FEMA did not fund this kind of thing.

MS noted that this is a work in progress. MQ, MS and Alessandra Jerolleman (AJ) discussed some possible alternate funding sources.

HL inquired what types of scenarios would be run and how communities might be able to use them. MQ discussed what the AACOG sees as the next steps following the adoption of this plan. He described a process to identify projects and then pursue funding. HL noted that local end users are not always aware of what happens beyond the planning process. MQ described a scenario from the past plan. He described the development of a Regional HAZ MAT response team as a result, adding that the relationships built throughout the process help for responding to future events. MQ added that there is value in being able to approach legislative bodies for funding as a result of having needs identified.

Historical Data Submitted and Incorporated to Date

MS described that some data requests had been made through the AACOG, and shared a list of current data requests.

AJ spoke on reported climatic events, either damage or experiences. What was affected, how and why? Some of that data helps to recognize needs and mitigation actions. When did the event happen? What were the affects? The projects are ongoing and continual because of growth and development.

AJ reviewed NCDC data and PDDs for the counties attending the meeting. Looking back on what has happened helps to see what can happen. Neighboring counties can learn from other counties that have had experience with certain hazards.

Tropical Storm Erin needs to be added to Gillespie County.

Base Maps

AJ showed the base map that was available. There will be county maps and COG maps.

Future Development

AJ displayed and discussed a set of sample future development maps. Maps and data will be collected for each county.

Q: Is there a COG-wide standard that designates what is and isn't a standard for an event (such as snow storms, severe ex, etc)

A: There is and isn't. The data comes up from the local level, but it is only as good as the one's reporting it and the local entities that validate the data. A lot of the standards come from national sources, but how you track it locally, is up to you. You may decide to establish definitions and standards that can be shared with the rest of the COG. MS advised that hazard event data helps you realize the potential threat and that damage doesn't have to occur for it to be a threat. Alessandra further advised that the more data you have, the better your knowledge of what can and does happen in your area.

This is a federally mandated and designed process that will help you define projects and could help you be "shovel ready" in the event of funding availablility.

Q: In your data, you don't collect drought.

A: Local data is going to be far better than any national data. NCDC data is often weak because droughts are usually protracted events.

Sometimes it is cheaper to repair the damage than to mitigate it. However, the standard BCA figures for mitigation are $1 for every $4 in response/recovery efforts.

If you have a drought, you increase your risk of wildfire and flashflood.

Q: How can we mitigate water availability during a drought?

A: Sometimes the best way to address a concern is through a study. The STAPLEE process helps to identify how to make things happen.

Q: (from SARA) The level of GIS work…in the SARA we have a lot of GIS data for flooding. Wilson, Karnes, and Goliad have data, photos, response actions, etc. There may be mitigation actions already identified by the counties. How detailed will you be in the geocoding of those hazards and identified actions.

A: AACOGs Timothy Zimmer will be working on the GIS/Geocoding of data. His contact information was shared with the group by Mike. Timothy is doing the technical support for the plan but we are working very closely with him.

Risk Assessment Exercise

VV handed out two worksheets as MS began describing the process.

Quantitative vs. Qualitative Risk Assessments

MS described what a qualitative risk assessment is. He noted that it is based on personal knowledge and experience. He noted that one of the handouts lists the previous L/M/H designations from the current plan. MS suggested that the group discuss what is really meant by L/M/H and shared a sample three part methodology. He described the impacts to people, buildings and infrastructure from the sample methodology. AJ added that participants may choose to look at an "average" event of a worst-case scenario.

Qualitative Risk Assessment Exercise

The group was asked to consider the definition of L/M/H, and to look at the previous rankings from the 2005 plan. MS asked the participants to determine if they'd like to break the designations apart into people/buildings/infrastructure or use one designation. Another participant suggested a lump sum approach given the rural nature of many of the counties in the region. The group agreed that this would be the best approach.

MS asked that the group determine what L/M/H might be. He initiated a discussion using flood as an example hazard due to the prevalence of that hazard. MS requested that the group begin by considering a moderate impact. The group agreed that a 2-3 day impact might be an average. Some folks noted that flooding in higher counties also affected them, while others noted that these events can be very localized and not impact county operations as a whole.

MS then shifted the discussion over to Tornados. He asked if 2 or three days of downtime might be average, noting that loss of power or road closures due to downed tree limbs. A participant noted that certain areas experience more long term effects, but that three days down time might be about the average. MS summarized the discussion to date.

Another participant observed that some hazards impact different size areas than others. He inquired how to look at pinpoint vs. general. MQ noted that the group seems to be focused on the severity of the event and not the question at hand.

The group agreed that 3 days marked the high line, for loss of function. VV brought up the recent flooding in Comal County to ask the group whether they would consider that event L/M/H. A participant described a tornado that crossed I-35 and caused several deaths.

The group agreed that the sample worked. A participant noted that likelihood of events plays into this. Another participant noted that the area sits on an active fault line.

MS asked that each person fill out their sheet with their rankings for their particular municipality or county. He added that the group had discussed staying focused primarily on LOF.

Several participants requested that all presentation slides be made available on the internet.

Next Steps

MS ran through the existing goals and requested that folks keep them in mind moving forwards.

Required Data for Quantitative Assessments

Reminder of the need for data to be submitted to us, and a request that people mention any data they are aware of and provide the information.

Capability Assessments

MS told participants that they would receive handouts to take home and please fill out, regarding local level capabilities.

Overview of Jurisdictional Meetings

MS noted that what we'd talk about was historical events, local resources for information and existing mitigation actions.

Important Dates

MS summarized important dates moving forward in the process. He mentioned that another meeting would take place in a month or so and might have to be web-based due to the geography. He requested that everyone please make sure that we have everyone's email address. MS then reminded participants that they would be asked to review the initial draft, noting that the Plan will belong to the AACOG and must speak to local needs.

He reminded the group that the SharePoint site is for us to share drafts with participants, but that any information sent to us needs to be submitted via email so that the AACOG can have a copy. Power Point Presentations and minutes will also be made available via the SharePoint site.

E.2.5 Meeting Notes – July 30, 2010

The following are the meeting notes from Meeting #2 (session #2), held July 30, 2010.

Second AACOG Region Executive Mitigation Committee Meeting Notes
July 30, 2010 1pm

- Introductions
  - Adrienne Cohen welcomed the group and introduced JLWA.
  - Matt Stanley welcomed the group. Gave brief summary of why we're all here (update process). Discussed need for data collection for risk analyses for use in plan update. Discussed mitigation actions and updating of existing actions/addition of new actions. Matt introduced JLWA team and explained why there was so many JLWA staff involved in this project.
  - Mike Quinn arrived and welcomed the group. Mike explained that the current plan is expired and that's why this process is so critical and time compressed.
  - Matt asked the group to introduce themselves and what jurisdiction they represent.
- Progress to Date
  - Plan Reformat
    - Matt discussed the reformat of the plan to meet current FEMA preferences. He reviewed the make-up of the 10 sections.
  - Summary of Meeting #1
    - WebEx based meeting. Matt discussed use of SharePoint for data and information viewing.
  - Hazard List
    - Matt reviewed hazard list determined at previous meeting. He asked if there were any thoughts or additions to this listing.
      - Question as to why terrorism wasn't included; Matt discussed that historically these plans addressed natural hazards only, but that terrorism could be added. Discussed lack of FEMA funding for such, but that other funding was available. Mike Quinn suggested that it needed to be included in overarching discussion, but not as a separate hazard to be profiled.
  - Historical Data Submitted and Incorporated to Date
    - Requests have been sent out from AACOG regarding data needed for incorporated. Matt discussed the types of data requests that have been made, and the types of data that are useful. Matt reviewed the data received from participants to date.
    - Matt discussed the use of NCDC data in the plan, and how it helps define high risk and repetitive risk. Matt discussed data limitations of NCDC data.
    - Matt reviewed presidential declarations from 2004-2009. Bexar County asked about their sheltering and economic injury data which was submitted.

Alessandra answered that this was a summary of national data, not submitted data.

  - Base Maps
    - Matt showed the base map currently in development, and discussed how the base map would be used and added to.
  - Future Development
    - Matt discussed the inclusion of future development trends, and showed an example of the map currently in development. Matt stated that JLWA would ask for local review of these maps as they were developed, to verify correctness.
  - Social Vulnerabilities

- Risk Assessment Exercise (2 handouts – summary of 2005 RA and 2010 RA worksheet)
  - Quantitative vs. Qualitative Risk Assessments
    - Matt discussed what was contained in the handouts. Matt discusses limitations of ranking data from 2005, as it wasn't defined in the plan, so we don't know what the rankings were based on. Matt discussed sample methodology for the 2010 rankings. Matt asked the group for their thoughts on this methodology, and if it was acceptable to them.
    - Mike Quinn discussed TDEM's recent ruling that no more than 2 county plans will be allowed in the future, and that this plan would be the last regional plan. The update will be no more than 2 counties per plan. Mike discussed that this plan would be set up to more easily extract data for future updates.
    - Alessandra asked if taking a few recent hazard events would be helpful to the group in getting the exercise started. The group determined they were content with the sample methodology, and that they were in agreement. Matt emphasized that the qualitative exercise was to determine the hazard's impact, not its probability, and that it was a small piece of the overall plan. Matt discussed that the previous group (on Thursday) opted to use a single ranking, based on the hazard's impact to critical facilities and loss of government functions. The group had discussion of different participants using different methodologies. Finally, the group determined to follow the previous group's lead, and use a single ranking for each hazard.
  - Qualitative Risk Assessment Exercise
    - The group completed the worksheet for their jurisdiction.

- Hazard Mitigation Goals
  - Goals, objectives and actions were identified in the 2005 plan. Matt reviewed the 2005 goals with the group. Matt asked Alessandra to discuss the value of mitigation.
  - Alessandra discussed what mitigation is, and the dollar values associated with it, and the idea that it was more cost-effective to prevent damages than to repair and recover from them. Alessandra also discussed the idea that some of the projects that will be included in the plan may not be eligible for FEMA funding, but would potentially be eligible for other funding sources. Alessandra discussed brick-and-mortar projects and other types of projects, such as data gathering and studies.
- Next Steps
  - Matt discussed the next steps after this meeting:
    - Required Data for Quantitative Assessments – Matt discussed that there may be additional data requests coming to the participants.
  - Overview of Jurisdictional Meetings – Matt briefly discussed what would be discussed in the county groups later this afternoon.
  - Important Dates – Matt discussed that there would be at least one more meeting, and that the participants would be asked to review the draft when it was prepared and provide feedback on the draft.
  - Participants discussed things they liked and disliked about the former plan's format.
    - They liked having the actions as a playbook, and liked having a table of contents (former plan didn't have a TOC)
  - Alessandra announced groups and staff assigned to the groups.

E.3 Meeting #3 Documentation

This section contains documentation related to Meeting #3, held October 18, 2010.

E.3.1 Meeting Invitation

This invitation letter was sent to the complete list of participants prior to Meeting #3, held October 18, 2010.

Kelly George

From: Adrienne Cohen [acohen@AACOG.com]
Sent: Wednesday, September 08, 2010 4:21 PM
To: HLS
Cc: Vincent Velasquez; Kelly George; Alessandra Jerolleman; Kelly George; Matt Stanley
Subject: Third Regional Mitigation Plan Meeting

September 8, 2010

TO: Elected Officials, Emergency Management Coordinators, and POC's

We invite you to participate in our third meeting to help us address the issues impacting our community and to continue to be involved in the planning process for the update to the AACOG Regional Hazard Mitigation Plan. We encourage you to invite the public within your community and encourage residents to attend the meeting. A Public Notice will be placed in the various newspapers of the region.

We ask that you and your local mitigation team attend only **one** of two meetings that are scheduled for Monday, October 18, 2010.

The meetings will take place at AACOG in the Al. J. Notzon III Board Room at 8700 Tesoro Drive, San Antonio.

The first meeting is scheduled from 9:00 AM - 12:00 PM.
The second meeting is scheduled from 1:30 PM – 4:30 PM.

It **is not necessary to attend both meetings, Choose the one most convenient for you.** Your team's participation in one is appreciated.

The breakdown of the meeting agenda is below:

1) Risk Assessment results
2) Preparation for local reviews and team meetings
3) Timeline and responsibilities for project completion
4) Information still missing from each participant

It is critical that those jurisdictions participating in the development of the plan be represented at the Workshop. We are encouraging participation by local elected officials, City Managers, Floodplain Administrators, Public Works Directors, planners, Emergency Management Coordinators, Fire Marshals, Police Chiefs, Sheriffs, County Engineers, Building Officials and Inspectors, and local health officials.

Your continued participation and support is greatly appreciated, as is any information you can add to the planning process.

If you have questions regarding the plan update process or the meeting, and if you have information that you feel would be beneficial to the planning process, please contact Matt Stanley of James Lee Witt Associates at 972-655-4809 or mstanley@slafl.jlwit.com.

Adrienne R. Cohen
Homeland Security Specialist
Alamo Area Council of Governments
8700 Tesoro Dr., Suite 700

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E.3.2 Attendees

The following table lists the attendees to the first session of Meeting #3, held October 18, 2010.

Name	Agency/Organization	Jurisdiction
Chuck Garris	Atascosa County Emergency Management	Atascosa County, Communities of Charlotte, Christine, Jourdanton, Lytle, Pleasanton, and Poteet
Buddy Kuhn	Alamo Heights Emergency Management	City of Alamo Heights
Beverly Todd	City of Schertz Fire Marshal's Office	City of Schertz
James A. Hook	City of Schertz	City of Schertz
Sam Willoughby	City of Schertz	City of Schertz
John Culpepper	Fredericksburg / Gillespie County Emergency Services	City of Fredericksburg and Gillespie County
Ross Wallace	Universal City Fire Department	City of Universal City
Patrick Lewis	Universal City Fire Department	City of Universal City
Duane DuBose	Karnes Police Department	City of Karnes
Shelby Dupnik	Karnes County Emergency Management	Karnes County, Community of Falls City
Lorenzo Sanchez	City of San Antonio Office of Emergency Management	City of San Antonio
Philip Prince	Balcones Heights Fire Department	City of Balcones Heights
Carey Reed	Bandera County Emergency Management	Bandera County, City of Bandera
Clay Barton	Kerr County Sheriff's Office	Kerr County
Carol Edgett	Comal County Emergency Management	Comal County, City of Bulverde, City of Garden Ridge
Lori Seawald	City of Fredericksburg	City of Fredericksburg
Susann Baker	City of Saint Hedwig City Council	City of Saint Hedwig
Charles Lackey	City of Windcrest	City of Windcrest
Julian Flores	Goliad County	Goliad County
Justin Seibert	City of Terrell Hills Fire Department	City of Terrell Hills
Ric Brown	City of Selma Fire Department	City of Selma
Gary Spear	City of Universal City Fire Department	City of Universal City
James Ladewig	City of Olmos Park Fire Department	City of Olmos Park
Edward Maldonado	City of Pearsall Emergency Management	City of Pearsall
Carlos Garcia	Frio County Judge	Frio County, Communities of Dilley and Pearsall
Walton Daugherty	City of Helotes	City of Helotes
Rick Wall	City of Helotes Emergency Management	City of Helotes
Jim Shipley	City of Olmos Park Emergency Management	City of Olmos Park

Name	Agency/Organization	Jurisdiction
Rowan Zachry	City of Ingram	City of Ingram
Pat Dunlap	City of Kerrville	City of Kerrville
Greg Dreiss	City of Seguin	City of Seguin
Abigayle Frautschi	City of Somerset	City of Somerset
Miguel Cantu	City of Somerset	City of Somerset
Rafael Arias	San Antonio River Authority	San Antonio River Authority
Randy Luensmann	City of Universal City	City of Universal City
Bryce Holton	City of Kirby Fire Department	City of Kirby
Reha Cimen	San Antonio River Authority	San Antonio River Authority
Miki Townsend	Guadalupe County Emergency Management	Guadalupe County, Communities of Cibolo, Marion, New Berlin, Santa Clara, Staples
Dan Kinsey	Guadalupe County Emergency Management	Guadalupe County, Communities of Cibolo, Marion, New Berlin, Santa Clara, Staples
Jim Boeck	City of Seguin Sheriff's Office	City of Seguin
Janet Thelen	City of LaVernia Code Enforcement	City of LaVernia
Edwin Baker	City of Stockdale Fire Department	City of Stockdale
Banks Akin	City of Stockdale	City of Stockdale
Jimmy Harless	Guadalupe County	Guadalupe County, Communities of Cibolo, Marion, New Berlin, Santa Clara, Staples
Gerald Bodin	City of Segiun	City of Seguin
Kim Turner	City of Universal City	City of Universal City
Adrienne Cohen	AACOG Homeland Security	AACOG
Mary Ruiz	AACOG Homeland Security	AACOG
Vincent Velasquez	Witt Associates	
Kelly George	Witt Associates	
Alessandra Jerolleman	Witt Associates	
Matt Stanley	Witt Associates	

The following table lists the attendees to the second session of Meeting #3, held October 18, 2010.

Name	Agency/Organization	Jurisdiction
Gary Woppert	City of Live Oak Emergency Management	City of Live Oak
Arthur Carroll	City of Elmendorf Police Department	City of Elmendorf
Jesse Evins	City of Floresville Police Department	City of Floresville
Scott Lampright	Bexar County Emergency Management	Bexar County
Arturo Villarreal	Bexar County	Bexar County
Diana Bautista	Atascosa County Judge	Atascosa County, Communities of Charlotte, Christine, Jourdanton, Lytle, Pleasanton, and Poteet

Name	Agency/Organization	Jurisdiction
Gerald Rieder	City of Castle Hills Fire Department	City of Castle Hills
Darrell Rawlings	City of Devine Code Enforcement	City of Devine
Ricardo Harada	City of Castle Hills	City of Castle Hills
Greg Goodrich	San Antonio Water System	City of San Antonio
Raymond Christian	City of Converse Fire Department	City of Converse
Cody Dailey	City of Elmendorf	City of Elmendorf
LeAnn Hosek	Wilson County Office of Emergency Management	Wilson County
Jacqueline Silva	City of Von Ormy Emergency Management	City of Von Ormy
Gary Brennan	Bexar County Public Works	Bexar County
Rob Flores	City of Devine Police Department	City of Devine
Adrienne Cohen	AACOG Homeland Security	AACOG
Mary Ruiz	AACOG Homeland Security	AACOG
Vincent Velasquez	Witt Associates	
Kelly George	Witt Associates	
Alessandra Jerolleman	Witt Associates	
Matt Stanley	Witt Associates	

E.3.3 Agenda

The following is the agenda used to facilitate Meeting #3, held October 18, 2010. The same agenda was used for both sessions of the meeting.

- Risk Assessment results
- Preparation for local reviews and team meetings
- Timeline and responsibilities for project completion
- Information needed from participants
- Capability Assessment

E.3.4 Meeting Notes

The following are the meeting notes from Meeting #3, held October 18, 2010. The notes from the first session are presented first, followed by the notes from the second session.

AACOG HMP Update
Meeting #3 Session 1
October 18, 2010
9am - 12pm

- Vince Velasquez (VV) welcomed the group and reviewed the agenda with the group. VV stressed the importance of the asset data for inclusion in the plan, in order to meet the minimum requirements.
- Alessandra Jerolleman (AJ) discussed the Risk Assessment and reviewed the qualitative exercise from previous meeting – she discussed that data collection has been on-going reviewed

the regulation regarding the RA, and how it is designed to look at the intersection of assets and hazards one participant requested that the presentation be made available to them after the meeting.

- AJ reviewed the qualitative RA exercise that was performed at Meeting #2 (handouts Qualitative RA worksheet (not all participants were present at the last meeting) and table showing Qualitative RA comparison table between 2005 and current draft. AJ explained the handouts - AJ reviewed for the group the criteria that was determined at the previous meeting for defining the qualitative RA the group completed the qualitative RA for terrorism, and those that did not complete the exercise at the previous meeting completed the worksheet
- AJ then discussed the Quantitative RA and the differences between the two types of assessments the importance of the asset data was stressed possible sources for asset data were discussed
- Maps built to date were presented to the group the region-wide maps were presented first, followed by the individual county maps - AJ asked that reps from the individual counties ID themselves as the maps are presented, so that no time was spent discussing maps with a county that was not represented.
    - Region-wide maps - no comments
    - Atascosa County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Bandera County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Bexar County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
    - Comal County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Frio County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Gillespie County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Goliad County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Guadalupe County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Karnes County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones

  - Kerr County – maps illustrated need for:
    - asset data
    - dam failure inundation area
    - hazmat buffer zones
  - Medina County - no representative
  - Wilson County - maps illustrated need for:
    - asset data
    - dam failure inundation area
    - hazmat buffer zones
- Kelly George (KG) discussed the preparation for local reviews and team meetings, and an overview of regulations from 44CFR 206.1(b)(c)
  - Proposed Agenda
    - Review of mitigation action items from 2005 plan
    - Discussion of mitigation actions to be carried over overview
    - Identification of new mitigation actions overview
      - Responsible agency
      - Estimated cost
      - Timeline for completion
      - The hazard mitigated
      - Brief description of the actions
    - Overview of prioritization of ALL mitigation actions (new and previous)
  - Overview-Composition of the local team
    - Stakeholders involvement
  - Mitigation Actions overview and requirements
  - Local Meetings overview
    - Timeline and responsibilities for project completion
      - Need to be done by Nov 30th
      - Documentation be provided by Dec 3rd
      - Review of draft plan ready for comment by Mid-January
- KG passed out the AACOG Hazard Mitigation Plan monitoring and maintenance contact information form
- KG discussed information needed from participants
  - Overview for participation communities
  - Statement of importance participation
  - Call for assistance with Medina County
  - Overview of the Capabilities Assessment
    - Only 10 communities have provided their data
    - Possible that some municipalities are doing this under the counties
  - Statement of importance to have these done by 31OCT10
- Final Comments and Questions

AACOG HMP Update
Meeting #3 Session 2
October 18, 2010
1am 4pm

- KG welcomed the group and reviewed the agenda with the group. KG stressed the importance of the asset data for inclusion in the plan, in order to meet the minimum requirements and the necessity for submitting data to complete the plan.
- KG discussed the Risk Assessment reviewed qualitative exercise from previous meeting data collection has been on-going reviewed the regulation regarding the RA, and how it is designed to look at the intersection of assets and hazards KG reviewed the qualitative RA exercise that was performed at Meeting #2 (handouts Qualitative RA worksheet (not all participants were present at the last meeting) and table showing Qualitative RA comparison table between 2005 and current draft)
- KG explained the handouts - KG reviewed for the group the criteria that was determined at the previous meeting for defining the qualitative RA the group completed the qualitative RA for terrorism, and those that did not complete the exercise at the previous meeting completed the worksheet
- KG then discussed the Quantitative RA and the differences between the two types of assessments - the importance of the asset data was stressed - possible sources for asset data were discussed
- Maps built to date were presented to the group - the region-wide maps were presented first, followed by the individual county maps - KG asked that reps from the individual counties ID themselves as the maps are presented, so that no time was spent discussing maps with a county that was not represented.
    - Region-wide maps – no comments
    - Atascosa County - maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Bandera County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Bexar County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - Eastern part of Kellyy AFB is now Port San Antonio (no longer a military installation)
        - New DFIRMS was adopted September 29, 2010 - SARA has shape file
        - Medina Dam affects Bexar and Wilson Counties tremendously
    - Comal County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones
    - Frio County – maps illustrated need for:
        - asset data
        - dam failure inundation areas
        - hazmat buffer zones

    - Gillespie County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
        - Contour maps will be modified
    - Goliad County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Guadalupe County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Karnes County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Kerr County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Medina County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
    - Wilson County – maps illustrated need for:
        - asset data
        - dam failure inundation area
        - hazmat buffer zones
- Kelly George (KG) discussed the preparation for local reviews and team meetings, and an overview of regulations from 44CFR 206.1(b)(c)
    - Proposed Agenda
        - Review of mitigation action items from 2005 plan
        - Discussion of mitigation actions to be carried over overview
        - Identification of new mitigation actions overview
            - Responsible agency
            - Estimated cost
            - Timeline for completion
            - The hazard mitigated
            - Brief description of the actions
        - Overview of prioritization of ALL mitigation actions (new and previous)
    - Overview-Composition of the local team
        - Stakeholders involvement
    - Mitigation Actions overview and requirements
    - Local Meetings overview
        - Timeline and responsibilities for project completion
            - Need to be done by Nov 30th
            - Documentation be provided by Dec 3rd
            - Review of draft plan ready for comment by Mid-January
- KG passed out the AACOG Hazard Mitigation Plan monitoring and maintenance contact information form

- KG discussed information needed from participants
    - Overview for participation communities
    - Statement of importance participation
    - Call for assistance with Medina County
    - Overview of the Capabilities Assessment
        - Only 10 communities have provided their data
        - Possible that some municipalities are doing this under the counties
    - Statement of importance to have these done by 31OCT10
- Final Comments and Questions

Local Mitigation Team Documentation

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- G.1.5 City of Balcones Heights (Bexar County)
- G.1.6 City of Helotes (Bexar County)
- G.1.7 City of Kirby (Bexar County)
- G.1.8 City of Leon Valley (Bexar County)
- G.1.9 City of Live Oak (Bexar County)
- G.1.10 City of San Antonio (Bexar County)
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G.2 Local Mitigation Team Meeting Presentation

This appendix contains information regarding the Local Hazard Mitigation Team meetings. For information regarding the Executive Committee meetings, please see Appendices E and F.

Prior to the commencement of the plan development meetings, the 2005 planning process was analyzed and discussed by the consultants and AACOG. It was determined that the process to develop the 2010 Plan Update would be designed to be as similar to the 2005 process as possible, to ensure continuity and familiarity among the participants. This included the process used by the Local Mitigation Teams to develop their individual Mitigation Action Plans.

G.1 Local Mitigation Team Meeting Documentation

Each participating jurisdiction was asked to hold a public meeting of their identified local mitigation team. The purpose of this meeting was to review, discuss, determine and prioritize the mitigation actions for that jurisdiction to be included in this Plan Update. The participating jurisdictions were asked to review the actions described in the 2005 Plan for their jurisdiction, to update the status of any actions that had been completed or accomplished, and to develop a list of new mitigation actions to be included in the Plan Update. The participants were asked to provide at least one mitigation action for each identified hazard, and to be as specific regarding the action as possible. Participants were asked to provide as much detail as possible regarding any actions that had been completed since the 2005 Plan, and to provide a reason for any action described in the 2005 Plan that the team did not wish to carry over into the Plan Update.

Some participants choose to hold joint meetings, in an effort to consolidate and coordinate local resources. Those situations are noted where applicable.

This section contains documentation related to the meeting of the Local Hazard Mitigation Teams. This information is presented by participating jurisdiction.

G.1.1 Atascosa County

Atascosa County held their Local Hazard Mitigation Team Meeting on November 15, 2010. The meeting was held at the Atascosa County Courthouse, and was open to the public. The meeting was attended by representatives from the following municipalities in Atascosa County:

- City of Charlotte
- City of Christine
- City of Jourdanton
- City of Lytle
- City of Pleasanton
- City of Poteet

Note that the Atascosa County Emergency Management Director is responsible for all emergency management activities for both the County and all municipalities within the County.

G.1.1.1 Meeting Notice

The following press release announced the Atascosa County Hazard Mitigation Team Meeting to the public. This notice was published in The Leader News, the local newspaper, which is how Atascosa County typically announces public meetings. (Note: The copy presented is the best available image.)

Dec. 21. 2010 2:15PM No. 9335 P. 7

Critical meeting Monday for Emergency Management reps.

Attending this meeting is critical for cities and some other organizations, according to County Judge Diana Bautista. "They must submit an emergency management plan very quickly," the judge said, "if they ever hope to get federal funding" for damages caused by some emergency situation.

Judge Bautista said she has attended several meetings on the subject in San Antonio, which includes the program, "but I have not seen any representatives from any of the cities in Atascosa County."

If there is a disaster, those entities which have not attended the training and have not submitted a plan will be told, "No funding for you."

The meeting, which is set for Monday, November 15, is also important for input by members of the public, churches, schools and other groups, Judge Bautista said.

The county issued the following statement concerning the meeting:

Atascosa County Emergency Management Coordinator Chuck Garcia has scheduled a public meeting on the county's hazard mitigation plan update.

The plan and update are a significant part of the grant program administered by the Federal Emergency Management agency (FEMA).

The Local Hazard Mitigation Team Meeting is set for 1:30 p.m. Monday, November 15, in the County Courtroom on the 2nd floor of the courthouse.

The meeting will provide residents with the opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the Local Emergency Management Office, Atascosa County officials began work to update the mitigation plan. The project helps identify and document potential project that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards, generally referred to as hazard mitigation. The updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grant dollars are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigation plan, Atascosa County will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Chuck Garcia, Emergency Management Coordinator, (830) 769-3029, amc-fm@flashtrail.com.

Pleasanton council approves sewer line project bids

By Tim Lum
Staff Writer

The Pleasanton City Council met on Thursday, November 4 and approved the best bid for materials to be used in the Fifth Street Sanitary Sewer Line Project. The bid for bedding material was awarded to Diamond S of Converse in the amount of $26,046. The best bid for pipe and manhole material was awarded to ACT Pipe and Supply of San Antonio in the amount of $32,674.21.

Councilmembers unanimously approved Robert Paul Wood's request to hold the Atascosa County Sheriff's Posse Christmas Parade through town on December 4, at 6:30 p.m.

Also unanimously approved was a request by Anthony Arnolds to close Town Square from 10 a.m. 10:30 a.m. and College St. between Reed and South St. from 9:30 a.m. 12:15 p.m. for the 1st annual Walk of Elfs fundraiser on January 22, 2011.

Council voted unanimously to add to the required activities by the Delinquent Tax Attorney Firm that the contract be renewed annually (not automatically), 15 percent rate and that quarterly reports be submitted.

Jessica Israel called a point of order regarding Services & Associates stating they wanted to collect delinquent court fines and past due utility accounts, because this item was not properly submitted. Mayor Bill Carroll accepted Israel's order.

Council unanimously dismissed discussion and action on Animal Control Department policies.

The following items were postponed:

Discussion and action on proposed access at 510 Fifth St.

Approval of best bid for tractor and shredder.

Adoption of the resolution appointing a representative to serve on the Atascosa County Appraisal District Board of Directors.

Report on the annual TML Conference.

Discussion and action on the purchase of an additional vehicle for the Police Department until there are available funds.



Cuellar: Veterans



G.1.1.2 Meeting Attendees

The following table lists the attendees at the Atascosa County Hazard Mitigation Team Meeting. Some attendees represented more than one agency or organization, but only signed-in for a single agency or organization.

Name	Agency/Organization	Jurisdiction	Email or Phone Number
Atascosa County Hazard Mitigation Team			
Bill Agnew	Atascosa County Emergency Management	Atascosa County	bagnew32@hotmail.com
Judge Diana Bautista	Atascosa County	Atascosa County	atascosacountyjudge@yahoo.com
Chuck Garris	Atascosa County Emergency Management	Atascosa County City of Charlotte City of Christine City of Jourdanton City of Lytle City of Pleasanton City of Poteet	emc-fmc2@fastmail.com
Cheryl Ives	American Red Cross	NA	210.224.5151
Steve Powell	American Red Cross	NA	210.224.5151
Maria Garcia	Atascosa County Health Center	NA	mgarcia.acha@tacho.org
D. Williams	Atascosa County Health Center	NA	dwilliams.acha@tacho.org
Pastor Duane Mayberry	None provided	City of Charlotte	pastormayberry@yahoo.com
Lana Collavo	Jourdanton Independent School District	City of Jourdanton	lcollavo@jourdantonisd.net
Jorge Zuniga	City of Charlotte	City of Charlotte	city@vtxs.com
Augustine Munoz	City of Charlotte	City of Charlotte	city@vtxs.com
Albert Villezaz	Leader News	NA	editor@leadernews.net
Monty Small	Atascosa County Health Center	NA	msmall.acha@tacho.org
Father Edward Boren	St. Philip Benizi Catholic Church	City of Poteet	830.742.3796

G.1.1.3 Meeting Agenda

The following is the agenda used to facilitate the Atascosa County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
ATASCOSA COUNTY Local Mitigation Team

Location: Atascosa County Courthouse
County Courthouse, 2nd Floor
Jourdanton, TX

Date: November 15, 2010
Time: 1:30pm

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
    - Identify actions to carry over
    - Identify actions completed
    - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.1.4 Meeting Presentation

For this meeting, the Atascosa County Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.1.5 Other Documentation

The Atascosa County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.2 Bandera County

Bandera County held their Local Hazard Mitigation Team Meeting on November 30, 2010. The meeting was held at the Bandera County Courthouse, and was open to the public. The meeting was attended by representatives from the county and the City of Bandera, which is the only incorporated municipality in Bandera County.

G.1.2.1 Meeting Notice

The following announcement informed the public about the Bandera County Hazard Mitigation Team Meeting. A copy of the invitation was also sent to the members of the Bandera County Mitigation Team.

CAREY REED
EMERGENCY MANAGEMENT
PO BOX 2485
BANDERA, TEXAS 78003
830-460-8299

Dear Team Member,

Bandera County is in the process of updating the Hazard Mitigation Plan.

The plan update will identify and document potential mitigation opportunities within Bandera County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available and will address past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation team, so that we may review the mitigation actions from the previous plan, identify any new mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This meeting will be held on (INSERT DATE), at (INSERT TIME). We will be meeting at (INSERT LOCATION).

Your participation and support are greatly appreciated, as is information you can add to the planning process. I ask that you make every effort to attend this meeting.

If you have questions regarding the plan update process or the meeting, please contact (LOCAL CONTACT AND CONTACT INFORMATION).

Regards,

G.1.2.2 Meeting Attendees

The following table lists the attendees at the Bandera County Hazard Mitigation Team Meeting.

Name	Agency/Organization	Jurisdiction	Email/Phone
Bandera County Hazard Mitigation Team			
Carolyn Edwards	Bandera County Courier	NA	bccwriter@sbcglobal.net
Ray Rendon, Jr.	Permits and Inspections	Bandera County	royrendon@indian-creek.net
Danny Bowermaster	Bandera County Sheriff's Office	Bandera County	djb8311@yahoo.com
John Stith	Fire Marshal	Bandera County	banderafm@indian-creek.net
Eric Morgan	TX Department of Public Safety	State of Texas	kenneth.morgan@tsdps.state.tx.us
Christina Mueller	Bandera County	Bandera County	bcandit@indian-creek.net
Alma Lovett	DSHS	State of Texas	mariaalma.lovett@dshs.state.tx.us
Carey Reed	Bandera County Emergency Management	Bandera County	banderaeoc@indian-creek.net

G.1.2.3 Meeting Agenda

The following is the agenda used to facilitate the Bandera County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
BANDERA COUNTY Local Mitigation Team

Location: Bandera County Emergency Operations Center
Justice Center, 3360 State Highway 173 N

Date: November 30, 2010
Time: 10:00am

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.2.4 Meeting Presentation

For this meeting, the Bandera County Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.2.5 Other Documentation

The Bandera County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.3 Bexar County

Bexar County held their Local Hazard Mitigation Team Meeting on November 18, 2010. The meeting was held at the Bexar County Infrastructure Services Building, and was open to the public. The meeting was attended by representatives from the following municipalities in Bexar County:

- City of Converse
- City of Saint Hedwig

In addition, representatives from the San Antonio River Authority also attended and participated in the meeting.

G.1.3.1 Meeting Notice

The following notice informed the public about the Bexar County Hazard Mitigation Team Meeting. In addition, an invitation, with the same information, was sent to the members of the Bexar County Hazard Mitigation Team.

LT1-BB-14591-1

October 29, 2010

PUBLIC MEETING NOTICE

This notice is posted pursuant to the Texas Open Meetings Act, TEX. GOV'T Code, Sec. 551.001 *et seq.* (Vernon's Pamp. 1994).

RE: Meeting of the Bexar County Mitigation Team

There will be a meeting of the Bexar County Mitigation Team on **Thursday, November 18, 2010**, at **3:30 PM**, at Bexar County Infrastructure Services, 233 North Pecos La Trinidad, Suite 420, San Antonio, Texas 78207, to consider the status of previous Hazard Mitigation Projects and identify Current and Future Hazard Mitigation Projects for Bexar County. See agenda listed below.

AGENDA

LT2-0-0-1

- Introductions
- Meeting Purpose & Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identify actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Prioritization of identified mitigation actions
- Adjourn

Thank you,

Scott M. Tamplight
Bexar County Mitigation Team

Date/Time of Posting: _____

Book 14591 Page: 50.00
10/29/2010 4:15PM # Pages 1
Filed & Recorded in the Official Public
Records of BEXAR COUNTY
GERARD RICKHOFF COUNTY CLERK

Subject: AACOG Hazard Mitigation Plan Meeting
Location: Bexar County Infrastructure Services, 233 North Pecos La Trinidad, Suite 420, San Antonio Texas 78207

Start: Thu 11/18/2010 3:30 PM
End: Thu 11/18/2010 5:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Required Attendees: 'nathaniel.hardy@aecom.com'; 'Ikuma, Naoko'; 'Coleman, Ross'; 'rgreen@bexar.org'; 'Villarreal, Arturo'; 'Vasquez, Alvaro (Tony)'; 'Jesse, Laura'; 'Winter, Andrew'; 'croberts@bexar.org'; 'dwegmann@bexar.org'; Roger Pollok; 'jchisholm@sara-tx.org'; 'ggoodrich@saws.org'; 'investigations@conversetx.net'; 'susannb@aiemail.net'
Optional Attendees: 'Gregory Goodrich D'; 'Cristofaro, Marty'

Dear Colleagues,

The Alamo Area Council of Governments (AACOG) is in the process of updating the AACOG Regional Hazard Mitigation Plan, of which Bexar County is a participating jurisdiction. Made possible by a grant provided through the Texas Division of Emergency Management and the Federal Emergency Management Agency, the plan update will build upon the current approved plan which was completed in 2005.

The plan update will identify and document potential mitigation opportunities within the Bexar County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available and will address past issues caused by natural and human-caused hazards.

We are holding a meeting of the Bexar County Hazard Mitigation Team, so that we may review the mitigation actions from the previous plan, identify any new mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This meeting will be held on November 18, 2010, at 3:30 PM. We will be meeting at Bexar County Infrastructure Services, 233 North Pecos La Trinidad, Suite 420, San Antonio Texas 78207.

I have attached a proposed meeting agenda and some additional information on the mitigation action planning process for your consideration.

Your participation and support are greatly appreciated, as is information you can add to the planning process. I ask that you make every effort to attend this important meeting.

If you have questions regarding the plan update process or the meeting, please contact me at 206-8530.

Regards,

Scott Lampright

G.1.3.2 Meeting Attendees

The following table lists the attendees at the Bexar County Hazard Mitigation Team Meeting.

Name	Agency/Organization	Jurisdiction	Email
Bexar County Hazard Mitigation Team			
Scott Lampright	Bexar County Fire Marshal / Office of Emergency Management	Bexar County	slampright@bexar.org
Raymond Christian	City of Converse Fire Department	City of Converse	rayc2@hotmail.com
Larry Moxley	City of Converse Public Works	City of Converse	stormwater@conversetx.net
Mary Jo Dylla	City of Saint Hedwig	City of Saint Hedwig	sainthedwig@sbdglobal.net
Reha Cimen	San Antonio River Authority	San Antonio River Authority	rcimen@sara-tx.org
Russell Persyn	San Antonio River Authority	San Antonio River Authority	rpersyn@sara-tx.org
Craig Roberts	BCFMO	Bexar County	coberts@bexar.org
Nat Hardy	BCFC	Bexar County	nathaniel.hardy@aecom.com
Andrew Winter	Environmental Services	Bexar County	awinter@bexar.org
John Chisholm	San Antonio River Authority	San Antonio River Authority	jchisholm@sara-tx.org
Tony Vasquez	Bexar County Public Works	Bexar County	avasquez@bexar.org
David Wegmann	Bexar County	Bexar County	dwedmann@bexar.org
Arturo Villarreal	Bexar County	Bexar County	avillarreal@bexar.org
Ross Coleman	BCFM	Bexar County	rcoleman@bexar.org

G.1.3.3 Meeting Agenda

The following is the agenda used to facilitate the Bexar County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
Bexar County Local Mitigation Team

Location: Bexar County Infrastructure Services
233 N. Pecos La Trinidad, Suite 420
San Antonio, TX 78207

Date: November 18, 2010
Time: 3:30pm

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
    - Identify actions to carry over
    - Identify actions completed
    - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.3.4 Meeting Presentation

For this meeting, the Bexar County Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.3.5 Other Documentation

The Bexar County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.4 City of Alamo Heights (Bexar County)

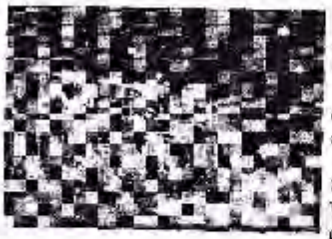
The City of Alamo Heights held their Local Hazard Mitigation Team Meeting on November 23, 2010. The meeting was held in the City Council Chambers, and was open to the public.

G.1.4.1 Meeting Notice

The following notice informed the public about the City of Alamo Heights Hazard Mitigation Team Meeting. This notice was published in the Alamo Heights City News, a publication for the public about happenings at City Hall and other public events. (Note: The copy presented is the best available image.)

City news

Rotary Club's Annual AH Holiday Decorating Contest



Holiday decorations contribute to the attractive atmosphere of Alamo Heights. To encourage and recognize the efforts of Alamo Heights residents, the Alamo Heights Rotary Club will conduct its Annual Holiday Decoration Contest in December 2010.

All single family residences in the city of Alamo Heights are eligible. There is no entry requirement. Decorations will be evaluated for their appearance, attractiveness, and the manner in which they complement their location.

Judging by a panel of Alamo Heights Rotary Club representatives will take place December 12-15, 2010. Results will be announced during the fourth week in December. First, second, and third place winners will be selected and will receive gift certificates to local establishments.

House Inventory to Begin in November

Due to the rich architectural and natural resources found in Alamo Heights, the UTSA Graduate School of Architecture has chosen Alamo Heights to conduct an inventory of our homes, commercial buildings and public landscapes.



Approximately 20 graduate students will be touring neighborhoods, taking photographs, documenting existing conditions and interviewing residents of potentially significant structures and natural areas.



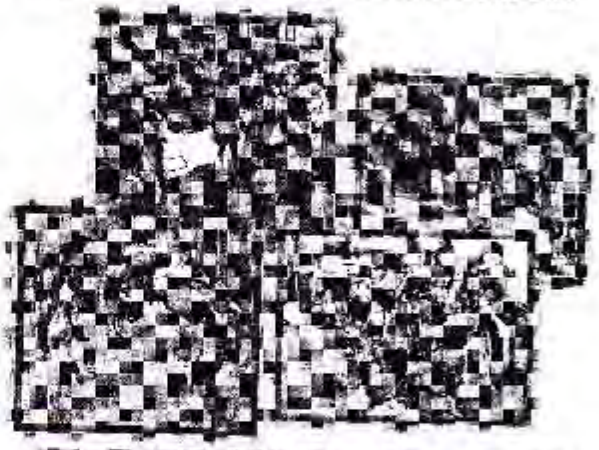
The program will take approximately a month to complete and will initially include a "windshield" survey on Saturday, November 13 to determine areas on which to focus.

Hazard Mitigation Meeting

In effort to maintain eligibility for federal disaster grants and other funding, the City of Alamo Heights will be holding a Hazard Mitigation Community Meeting, on Tuesday, November 23, 2010 at 5:00 p.m. in the City Council Chambers.

Please contact Brian Chandler, Community Development Director (bchandler@alamoheights.org or 832-2260) or Buddy Kuhn, Fire Chief (bkuhn@alamoheights.gov or 832-2206) for more information.

2nd Annual Alamo Heights National Night Out Event Held on October 5th





G.1.4.2 Meeting Attendees

The following table lists the attendees at the City of Alamo Heights Hazard Mitigation Team Meeting.

Name	Agency/Organization	Jurisdiction	Phone
City of Alamo Heights Mitigation Team			
Suzy Bettac	Resident	City of Alamo Heights	210.838.9060
May O'Neal	Resident	City of Alamo Heights	210.824.3108
Harold Jones	Resident	City of Alamo Heights	210.828.1159
Betty Stone	Resident	City of Alamo Heights	210.832.9555
Buddy Kuhn	Fire Chief / Fire Marshal – City of Alamo Heights Fire Department	City of Alamo Heights	210.822.3331
Brian Chandler	Community Development Director	City of Alamo Heights	210.832.3350

G.1.4.3 Meeting Agenda

The following is the agenda used to facilitate the City of Alamo Heights Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
City of Alamo Heights Local Mitigation Team

Location: City Council Chambers
6116 Broadway
Alamo Heights, TX

Date: November 23, 2010
Time: 5:00pm

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.4.4 Meeting Presentation

For this meeting, the City of Alamo Heights Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.4.5 Other Documentation

The City of Alamo Heights Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 89 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.5 City of Balcones Heights (Bexar County)

The City of Balcones Heights held their Local Hazard Mitigation Team Meeting on November 23, 2010. The meeting was held in the Balcones Heights Justice Center, and was open to the public.

G.1.5.1 Meeting Notice

The following notice informed the public about the City of Balcones Heights Hazard Mitigation Team Meeting. This notice was published in the Balcones Heights City Hall, as are all public notices for the City (Note: The copy presented is the best available image.)

City of Balcones Heights Office of Emergency Management

Public Notice

DATELINE — The Balcones Heights office of Emergency Management has scheduled a public meeting on its hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA). The Local Hazard Mitigation Team Meeting will be at 9:00 AM on November 23, 2010 at the Balcones Heights Justice Center, second floor training room. This meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the Balcones Heights Office of Emergency Management City officials began work to update the above-mentioned hazard mitigation plan update. The primary intent of this project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigation plan, The City of Balcones Heights will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Phillip Prince, Fire Chief, office telephone 210-735-9206 or email to pprince@balconesheights.org.

G.1.5.2 Meeting Attendees

The following table lists the attendees at the City of Balcones Heights Hazard Mitigation Team Meeting.

Name	Agency/Organization	Jurisdiction	Phone
City of Balcones Heights Hazard Mitigation Team			
Rick Cook	Wonderland	City of Balcones Heights	210.785.3500
Jim Shipley	City of Balcones Heights	City of Balcones Heights	210.394.8901
Becky Cardenas	City of Balcones Heights	City of Balcones Heights	210.365.1987
Phillip Prince	City of Balcones Heights	City of Balcones Heights	210.487.8390
Yvonne Griffith	City of Balcones Heights	City of Balcones Heights	210.735.9148

G.1.5.3 Meeting Agenda

The following is the agenda used to facilitate the City of Balcones Heights Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
City of Balcones Heights Local Mitigation Team

Location: Balcones Heights Justice Center
3300 Hillcrest

Date: November 23, 2010
Time: 9:00am

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.5.4 Meeting Presentation

For this meeting, the City of Balcones Heights Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.5.5 Other Documentation

The City of Balcones Heights Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.6 City of Helotes (Bexar County)

The City of Helotes held their Local Hazard Mitigation Team Meeting on November 18, 2010. The meeting was held at Helotes City Hall, and was open to the public.

G.1.6.1 Meeting Notice

The following notice informed the public about the City of Helotes Hazard Mitigation Team Meeting. This notice was sent to all media outlets in the area and posted in City Hall, as are all public notices for the City (Note: The copy presented is the best available image.)

CITY OF HELOTES

News Release

City of Helotes, Texas
http://www.helotes-tx.gov

RELEASE DATE: MON. 11/15/10

CONTACT: RICK SCHRODER, CITY ADMINISTRATOR
PHONE: (210) 695-8877
FAX: (210) 695-2123
EMAIL: RSCHRODER@HELOTES-TX.GOV

LOCAL HAZARD MITIGATION PLAN

The City of Helotes' Office of Emergency Management / Fire Department has scheduled a public meeting on its hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA). The Local Hazard Mitigation Team Meeting will be held on Thursday, November 18, 2010 at 7:00 p.m. at Helotes City Hall, 12951 Bandera Road, Helotes, Texas 78023. This meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the Helotes Fire Department, municipal officials began work to update the above-mentioned hazard mitigation plan update. The primary intent of this project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury, or property damage due to natural hazards, which is generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs, such as the hazard mitigation program. With an approved hazard mitigation plan, the City of Helotes will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Lt. / Emer. Mgmt. Coor. Richard Wall at 210.695.5935.

G.1.6.2 Meeting Attendees

The following table lists the attendees at the City of Helotes Hazard Mitigation Team Meeting.

Name	Agency/Organization and Title
Helotes Hazard Mitigation Team	
(illegible)	City of Helotes Resident
Kathy Smith	Helotes Heritage Association
Frank (illegible)	City of Helotes Resident
Marsha Schoolfield	City of Helotes Resident
Joni (illegible)	City of Helotes Resident
(illegible)	City of Helotes Resident
(illegible)	City of Helotes Resident
(illegible)	City of Helotes Mayor
(illegible)	City of Helotes Councilman
(illegible)	City of Helotes City Administrator
(illegible)	City of Helotes Councilman
(illegible)	City of Helotes Resident
(illegible)	City of Helotes Councilman
Carhin Wheeler	City of Helotes Resident
Cynthia Massey	City of Helotes Councilman
Grace Ramirez	City of Helotes City Secretary
Gary (illegible)	City of Helotes Councilman

G.1.6.3 Meeting Agenda

The following is the agenda used to facilitate the City of Helotes Hazard Mitigation Team Meeting.

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion

G.1.6.4 Meeting Presentation

For this meeting, the City of Helotes Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.6.5 Other Documentation

The City of Helotes Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.7 City of Kirby (Bexar County)

The City of Kirby held their Local Hazard Mitigation Team Meeting on in November 2010.

G.1.7.1 Meeting Attendees

The following table lists the attendees at the City of Kirby Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Kirby Hazard Mitigation Team			
Zina Tedford	City Manager	City of Kirby	City of Kirby
Johnny Duffeck, Jr.	Mayor	City of Kirby	City of Kirby
Kevin Riedel	Fire Chief	City of Kirby Fire Department	City of Kirby
Kevin Bois	Police Chief	City of Kirby Police Chief	City of Kirby
Roger Aguillon	Director	City of Kirby Public Works	City of Kirby
Tommy Pinder	Fire Marshal	City of Kirby Fire Department	City of Kirby
Bryce Houlton	Emergency Management Coordinator	City of Kirby Fire Department	City of Kirby

G.1.7.2 Meeting Agenda

The following is the agenda used to facilitate the City of Kirby Hazard Mitigation Team Meeting.

- Discuss the previous Hazard Mitigation Plan
  - Look at the effectiveness of it
  - Discuss the continuation of it
- Brain storm ideas for new hazard mitigation projects
- Decide on and vote on new projects

G.1.7.3 Meeting Notes

The City of Kirby Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.8 City of Leon Valley (Bexar County)

The City of Leon Valley held their Local Hazard Mitigation Team Meeting on December 29, 2010. The meeting was held in the City Council Chambers, and was open to the public.

G.1.8.1 Meeting Notice

The following notice informed the public about the City of Leon Valley Hazard Mitigation Team Meeting. This notice was sent to all media outlets in the area and posted in City Hall, as are all public notices for the City. In addition, an invitation was sent to the members of the Leon Valley Hazard Mitigation Team. (Note: The copy presented is the best available image.)

DATELINE — The Leon Valley Fire Department has scheduled a public meeting to address the local hazard mitigation plan update as part of a competitive grant program administered by the Federal Emergency Management Agency (FEMA).

The primary intent of this meeting is to identify and document potential hazard mitigation projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders and city staff.

The Local Hazard Mitigation Team Meeting will be held on Wednesday, December 29, 2010 at 1 PM in the City Council Chambers.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigation plan, City of Leon Valley will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Assistant Fire Chief Robert Lee, Leon Valley Fire Department. (210)-684-3219 R.Lee@LeonValleyTexas.gov

LEON VALLEY TEXAS
FIRE DEPARTMENT / EMS

A Memorandum

Date: 12/21/2010

To: EOC Personnel

From: Robert Lee, AFC

RE: Hazard Mitigation Team

Dear Colleagues,

The Alamo Area Council of Governments is in the process of updating the AACOG Regional Hazard Mitigation Plan, of which the City of Leon Valley is a participating jurisdiction. Made possible by a grant provided through the Texas Division of Emergency Management and the Federal Emergency Management Agency, the plan update will build upon the current approved plan.

The plan update will identify and document potential mitigation opportunities within the city focusing on reducing the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available, and will address past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation team, so that we may review the mitigation actions from the previous plan, identify any new mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This meeting will be held on **December 29, 2010 at 1:00 PM**. We will be meeting at the city council chambers.

Your participation and support are greatly appreciated, as is information you can add to the planning process. I ask that you make every effort to attend this meeting.

Regards,

Robert Lee

G.1.8.2 Meeting Attendees

The following table lists the attendees at the City of Leon Valley Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Leon Valley Hazard Mitigation Team			
Robert Lee	Assistant Chief / Emergency Management Coordinator	Leon Valley Fire Department	City of Leon Valley
Byron Vick	Director	Leon Valley Public Works	City of Leon Valley
Fred Stolz	Assistant Director	Leon Valley Public Works	City of Leon Valley
Randy Wallace	Chief	Leon Valley Police Department	City of Leon Valley
Stan Irwin	Chief	Leon Valley Fire Department	City of Leon Valley
Kristie Flores	Director	Leon Valley Community Development	City of Leon Valley
Rose Ryan	Director	Leon Valley Economic Development	City of Leon Valley
Vicky Wallace	Director	Leon Valley Finance Department	City of Leon Valley

G.1.8.3 Meeting Agenda

The following is the agenda used to facilitate the City of Leon Valley Hazard Mitigation Team Meeting.

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion

G.1.8.4 Meeting Presentation

For this meeting, the City of Leon Valley Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.8.5 Other Documentation

The City of Leon Valley Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.9 City of Live Oak (Bexar County)

The City of Live Oak held their Local Hazard Mitigation Team Meeting on November 9, 2010. The meeting was held in the City Council Chambers during a scheduled City Council Meeting, and was open to the public.

G.1.9.1 Meeting Notice

The following City Council Agenda informed the public about the City of Live Oak Hazard Mitigation Team Meeting. (Note: The copy presented is the best available image.)

AGENDA
REGULAR MEETING OF THE CITY COUNCIL
CITY OF LIVE OAK
LIVE OAK JUSTICE CENTER AT PEDRO ARAIZA TRAINING ROOM
8022 SHIN OAK DRIVE
TUESDAY, NOVEMBER 9, 2010 AT 7:30 P.M.

1. CALL TO ORDER
2. INVOCATION/PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. CONSENT AGENDA
   A. Approval of Minutes
      1. October 12, 2010
   B. City Council to approve the Specific Use Permit (SU -10-02) Donald W. Slocum project to consider the request to allow, with a Specific Use Permit a package store in a B2, Neighborhood Service District, located in the Briarwood Plaza shopping center at 12107 Toepperwein Rd; Sec 57 north side of Toepperwein Road approximately 1100 feet southeast of the intersection of Judson Road with Toepperwein Road Mr. Wayman
5. PUBLIC HEARING
   A. Public Hearing to review and update the Live Oak portion of the Regional Mitigation Action Plan (RMAP)
      1. Staff presentation to include:
         a. Overview of the mitigation action plan
         b. Current mitigation actions
         c. Future mitigation actions
         d. Prioritizing future mitigation actions
      2. Citizen remarks (5 minutes)
      3. Questions and Comments by City Council
   B. Close Public Hearing
6. SPECIAL CONSIDERATION
   A. Presentation of the Certificate Award to Sergeants Joe Wein and Russell Maxwell – Chief Echols
   B. Presentation, Pinning Ceremony and Promotion of a new Live Oak Police Sergeant Chief Echols
   C. Presentation of Proclamation to William "Bill" Umphlett. Mayor Dennis
7. CITIZENS TO BE HEARD
8. NEW BUSINESS
   A. Update and discussion regarding projects, goals and initiatives – Mr. Wayman

G.1.9.2 Meeting Attendees

The following table lists the attendees at the City of Live Oak Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Live Oak Hazard Mitigation Team			
Mary Dennis	Mayor	City of Live Oak	City of Live Oak
Loretta Kusek	Mayor-Pro Temp / City Council Member	City of Live Oak	City of Live Oak
Robert Tullgren	City Council Member	City of Live Oak	City of Live Oak
Eric Sanchez	City Council Member	City of Live Oak	City of Live Oak
Ed Climics	City Council Member	City of Live Oak	City of Live Oak
Matthew Smith	City Manager	City of Live Oak	City of Live Oak
Scott Wayman	Assistance City Manager / Hazard Mitigation Team Coordinator	City of Live Oak	City of Live Oak
Clarissa Rodriguez	City Attorney	City of Live Oak	City of Live Oak
Debby Goza	City Secretary	City of Live Oak	City of Live Oak
Leroy Kowalik	Finance Director	City of Live Oak Finance Department	City of Live Oak
James Nardone	Information Technology Director	City of Live Oak IT Department	City of Live Oak
James Battersby	Civic Center Director / Appointed Public Information Officer	City of Live Oak Public Information	City of Live Oak
Carol Buttler	Economic Development Manager	City of Live Oak Economic Development	City of Live Oak
Charles Foster	Chief, Fire Department	City of Live Oak Fire Department	City of Live Oak
Ronald Echols	Chief, Police Department	City of Live Oak Police Department	City of Live Oak
Gary Woppert	Emergency Management Coordinator	City of Live Oak Emergency Management Department	City of Live Oak

G.1.9.3 Meeting Agenda

The following is the agenda used to facilitate the City of Live Oak Hazard Mitigation Team Meeting.

- Overview of the mitigation action plan
- Current mitigation actions
- Future mitigation actions
- Prioritizing mitigation actions
- Citizen remarks

G.1.8.4 Meeting Presentation

For this meeting, the City of Live Oak Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.8.5 Other Documentation

The City of Live Oak Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8of this Plan Update.

The following minutes were taken during the meeting, and entered into the record of the City Council meeting.

Item 5 – Public Hearing

A. Public Hearing to review and update the Live Oak portion of the Regional Mitigation Action Plan (RMAP)

1. Staff presentation
    a. Overview of the mitigation action plan
    b. Current mitigation actions
    c. Future mitigation actions
    d. Prioritizing mitigation actions

Gary Woppert, Emergency Management, came before the City Council to speak about the Regional Mitigation Action Plan. He spoke about the Mitigation Act of 2000, the rules that were established in 2003, grant funding that had been provided by the Alamo Area Council of Governments regional plans create locally and the subsequent approval and adoption in November 2004. In addition, he noted that every five (5) years the Plan is required to be reviewed and updated.

2. Citizen Remarks (5 minutes)

There were no citizens who signed up to speak on this item.

3. Questions and comments by City Council

Councilman Sanchez asked about notification using the CTY System and Mr. Woppert indicated that due to cell phone usage versus landlines made 100% compliance ineffective. He added that ever-changing technology made it difficult to make notification

G.1.10 City of San Antonio (Bexar County)

The City of San Antonio held their Local Hazard Mitigation Team Meeting on August 2, 2010. The meeting was held in the course of a regularly scheduled weekly partner meeting, in which the partners of the San Antonio Office of Emergency Management meet with other stakeholders to discuss and review issues. The meeting was open to the public, as are all such meetings.

G.1.10.1 Meeting Notice and Agenda

The following announcement was sent to stakeholders and partners regarding the City of San Antonio Hazard Mitigation Team Meeting. This announcement also served as the agenda for the meeting. (Note: The copy presented is the best available image.)

SAOEM
Office of Emergency Management
San Antonio

Monday Morning Meeting (M3)
Meeting Announcement & Agenda – August 2, 2010

Please join the San Antonio Office of Emergency Management (SAOEM) for our weekly partner meeting to be held at the Emergency Operations Center on August 2, 2010. All partner agencies are welcome to attend, including interested and active citizens. The meeting agenda is as follows:

I. Introductions

II. SAOEM Updates and Current Projects – James Mendoza

a. DFIRM Project – New Flood Maps
b. City Council Tour
c. Hurricane Preparation
d. Regional Mitigation Action Plan & Local Projects
e. NIMSCAST & NIMS Implementation Plan
f. National Preparedness Month
g. Cyber Security Month
h. IAEM Conference

III. Presentation - SAPD GIS & Strategic Analysis and Mapping Office (Jim Glass – SAFD)

IV. EOC Partner Updates

V. Announcements

VI. Adjourn

G.1.10.2 Meeting Attendees

The following table lists the attendees at the City of San Antonio Hazard Mitigation Team Meeting.

Name	Agency/Organization	Jurisdiction
City of San Antonio Hazard Mitigation Meeting Attendees		
James Mendoza	San Antonio Office of Emergency Management	City of San Antonio
Lorenzo Sanchez	San Antonio Office of Emergency Management	City of San Antonio
Jessica Frerich	San Antonio Office of Emergency Management	City of San Antonio
Chris Stokes	San Antonio Office of Emergency Management	City of San Antonio
Mark Chadwick	San Antonio Office of Emergency Management	City of San Antonio
Jacqueline Silva	San Antonio Office of Emergency Management	City of San Antonio
Jeff Dean	San Antonio Office of Emergency Management	City of San Antonio
David Coatney	San Antonio Office of Emergency Management	City of San Antonio
James Flavin	San Antonio Office of Emergency Management	City of San Antonio
Steve Gladstone	Texas Dept of Public Safety - TDEM	State of Texas
Scott Lampright	Bexar County Office of Emergency Management	Bexar County
Gerard Herrera	Bexar County Office of Emergency Management	Bexar County
Louis Lopez	Bexar County Sheriff's Office	Bexar County
Alfred Lopez	American Red Cross	NA
Jim Todd	American Red Cross	NA
Cliff Bowen	FBI	NA
Dan Franklin	San Antonio Volunteer Organizations Active in Disaster	NA
Anthony Ortiz	Public Works – City of San Antonio	City of San Antonio
Deborah Foster	San Antonio Fire Department	City of San Antonio
Donovan Agans	University of Texas San Antonio	University of Texas
Ellen Nelson	Federal Executive Board	NA
Eric Epiley	Southwest Texas Regional Advisory Council	NA
Frank Chance	San Antonio Metro Health	City of San Antonio
Harvey Mireles	Haven for Hope	NA

Name	Agency/Organization	Jurisdiction
City of San Antonio Hazard Mitigation Meeting Attendees		
Tony Gross	Solid Waste Management Department	City of San Antonio
James Noggle	San Antonio Fire Department	City of San Antonio
Jon Bodie	Bexar County Fire Service	Bexar County
Kate Dischino	Save the Children	NA
Mario Resendiz	Department of Community Initiatives	City of San Antonio
Paul Yura	National Weather Service – San Antonio/Austin	NA
Rick Alvarado	Region 20 - Schools	NA
Dennis Scott	Public Works	City of San Antonio
Robert Guerrero	Bexar County Sheriff's Office	Bexar County
Roger Pollok	San Antonio Metro Health	City of San Antonio
Ross Coleman	Bexar County Office of Emergency Management	Bexar County
Greg Goodrich	San Antonio Water System - Utilities	City of San Antonio
Keith Jordan	CPS - Utilities	City of San Antonio
Robert Browning	Public Works	City of San Antonio
Andrea Garcia	Brooks City-Base	NA
Erika Borrego	San Antonio Food Bank	NA
Harvey Howell	San Antonio Volunteer Organizations Active in Disaster	NA
Armando Perez	San Antonio Fire Department	City of San Antonio
Mike Walsh	San Antonio Fire Department	City of San Antonio

G.1.10.3 Meeting Notes

The following excerpt from the minutes of the August 2nd meeting pertains to the City of San Antonio Hazard Mitigation Team.

James Mendoza (SAOEM) –

- Mitigation planning – AACOG contracted with Witt Associates for action planning. Met on Friday for input from region. Set to finalize by the end of August. SAOEM wants to see the plan used as a playbook for planning and response. Discussed past mitigation projects and current status. Additional meetings will be scheduled as the project develops.

G.1.10.4 Other Documentation

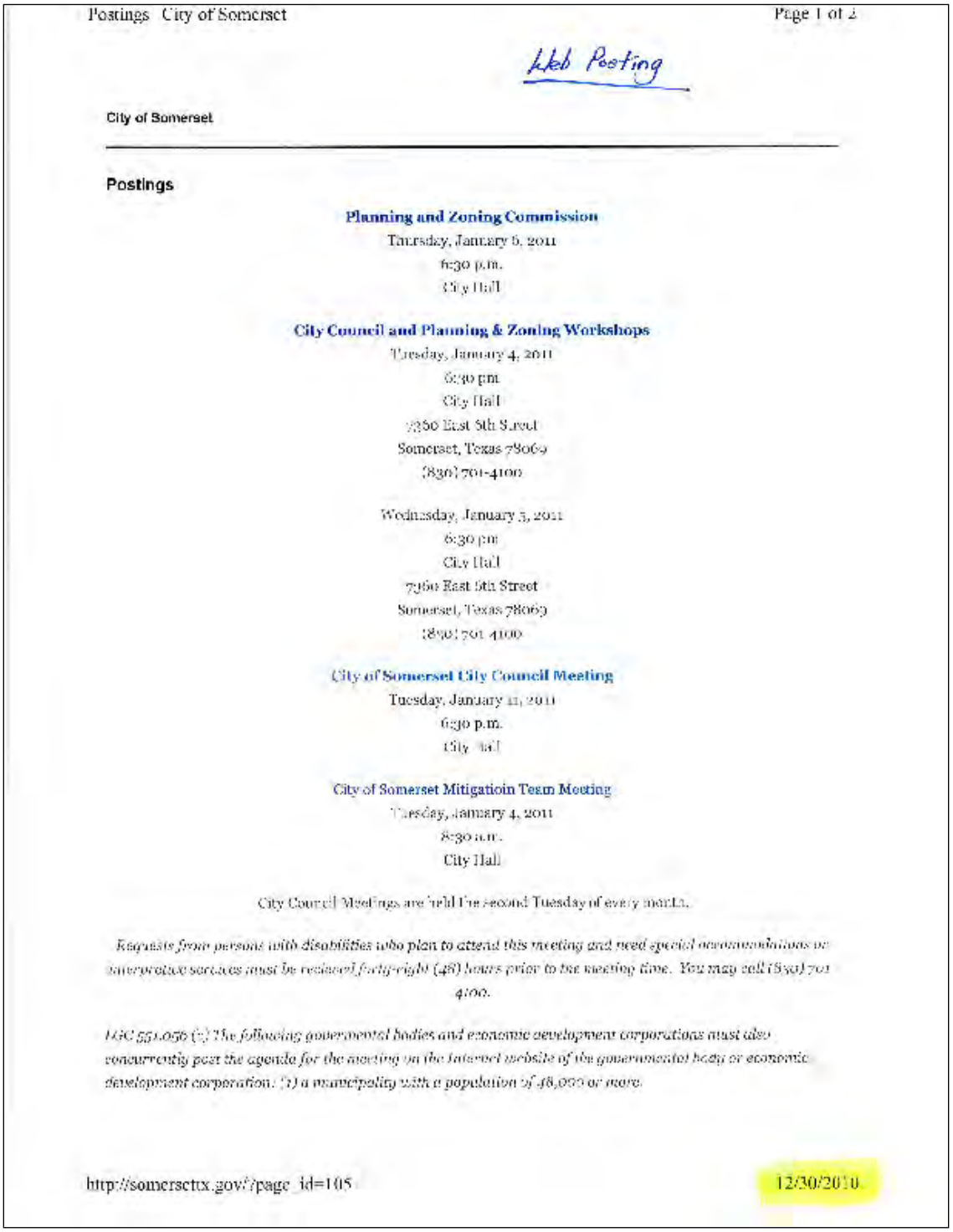
The City of San Antonio Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.11 City of Somerset (Bexar County)

The City of Somerset held their Local Hazard Mitigation Team Meeting on January 04, 2011. The meeting was held at City Hall, and was open to the public.

G.1.11.1 Meeting Notice

The following notice informed the public about the City of Somerset Hazard Mitigation Team Meeting. This notice was posted on the City's website, as are all public notices for the City. (Note: The copy presented is the best available image.)



Postings City of Somerset Page 1 of 2

Hkb Posting

City of Somerset

Postings

Planning and Zoning Commission
Thursday, January 6, 2011
6:30 p.m.
City Hall

City Council and Planning & Zoning Workshops
Tuesday, January 4, 2011
6:30 pm
City Hall
7350 East 5th Street
Somerset, Texas 78069
(830) 701-4100

Wednesday, January 5, 2011
6:30 pm
City Hall
7350 East 5th Street
Somerset, Texas 78069
(830) 701 4100

City of Somerset City Council Meeting
Tuesday, January 11, 2011
6:30 p.m.
City Hall

City of Somerset Mitigatioin Team Meeting
Tuesday, January 4, 2011
8:30 a.m.
City Hall

City Council Meetings are held the second Tuesday of every month.

Requests from persons with disabilities who plan to attend this meeting and need special accommodations or interpretive services must be received forty-eight (48) hours prior to the meeting time. You may call (830) 701 4100.

HRC 551.056 (c) The following governmental bodies and economic development corporations must also concurrently post the agenda for the meeting on the Internet website of the governmental body or economic development corporation: (1) a municipality with a population of 48,000 or more.

http://somersettx.gov/?page_id=105 12/30/2010

G.1.11.2 Meeting Attendees

The following table lists the attendees at the City of Somerset Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Somerset Hazard Mitigation Team			
Miguel Cantu	City Administrator	City of Somerset	City of Somerset
Abigayle Frautschi	Court Clerk	City of Somerset	City of Somerset
Michael Martinez	COS	City of Somerset	City of Somerset
Paul G. Cueller	Mayor	City of Somerset	City of Somerset

G.1.11.3 Meeting Agenda

The following is the agenda used to facilitate the January 4th meeting of the City of Somerset Hazard Mitigation Team.

Location: City of Somerset
City Hall
7360 E. 6th Street
Somerset, TX 78069

Date: January 4, 2011
Time: 8:30am

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Prioritization of identified mitigiation actions
- Adjourn

G.1.11.4 Meeting Presentation

For this meeting, the City of Somerset Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.11.4 Other Documentation

The City of Somerset Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.12 City of Terrell Hills (Bexar County)

The City of Terrell Hills held their Local Hazard Mitigation Team Meeting on November 8, 2010. The meeting was held at City Hall, and was open to the public.

G.1.12.1 Meeting Notice and Agenda

The following notice informed the public about the City of Terrell Hills Hazard Mitigation Team Meeting. This notice was posted in City Hall, as are all public notices for the City. This notice also served as the agenda for the meeting. (Note: The copy presented is the best available image.)

AGENDA

Alamo Area Regional Hazard Mitigation Plan Update Meeting
City of Terrell Hills Local Mitigation Team

5100 N. New Braunfels Avenue
San Antonio, TX 78209

Date: Monday, November 8th 2010
Time: 10:00 AM

Participants: Terrell Hills Local Mitigation Team

- Introductions
- Meeting Purpose & Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identify actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Prioritization of identified mitigation actions
- Adjourn

CERTIFICATE

I certify that the above notice of meeting was posted on the bulletin board at the City of Terrell Hills on the 28th day of October, 2010 at 10:45 a.m./p.m.

Kristine Buswell
Executive Secretary, City of Terrell Hills

G.1.12.2 Meeting Attendees

The following table lists the attendees at the City of Terrell Hills Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Terrell Hills Hazard Mitigation Team			
Gary Hunter	Building Official	City of Terrell Hills	City of Terrell Hills
Columbus Stutes	Fire Chief / Assistant City Manager	City of Terrell Hills	City of Terrell Hills
Greg Whitlock	Police Chief	City of Terrell Hills Police Department	City of Terrell Hills
Justin Seibert	Captain	City of Terrell Hills Fire Department	City of Terrell Hills
J. Mark Browne	City Manager / EMC	City of Terrell Hills	City of Terrell Hills

G.1.12.3 Meeting Presentation

For this meeting, the City of Terrell Hills Hazard Mitigation Team used the presentation below.

1/6/2011

AACOG Regional Hazard Mitigation Plan Update

Local Hazard Mitigation Team Meeting
City of Terrell Hills
November 8th, 2010

Agenda

- Introductions
- Meeting Purpose & Hazard Mitigation Overview
- Identify current mitigation actions
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods

Purpose of Today's Meeting:

To identify and prioritize mitigation actions and measures.

The following slides start with examples of mitigation concepts and measures and conclude with an overview of the preferred FEMA method for mitigation action prioritization, STAPLEE.

What is "Hazard Mitigation"?

Any measures undertaken to reduce the risks posed by natural and/or manmade hazards on a place and its population.



Hazard Mitigation Measures



Hazard mitigation measures include projects that limit hazard impacts, such as levees, dams, or safe rooms





Hazard Mitigation Measures

Also, projects that move assets out of harm's way, like acquisition or elevation of buildings, or burying utilities





1

1/6/2011

Hazard Mitigation Measures

...or training and educational programs for communities, the public and local agencies



Hazard Mitigation Measures



...and regulatory practices like enacting or enforcing building codes, permits, or land use policies

City of Terrell Hills

Mitigation items from the 2005 regional plan

Mitigation Actions from the 2005 Plan

1.) Increase WMD and Hazardous materials training for the police and fire departments

2.) Replace 50 year old sewer system

3.) Drainage study and rebuild ditch between Tuttle and Elizabeth

4.) Mapping underground drainage system

5.) Study improving communications

6.) Re-grade and repave Eldon Road

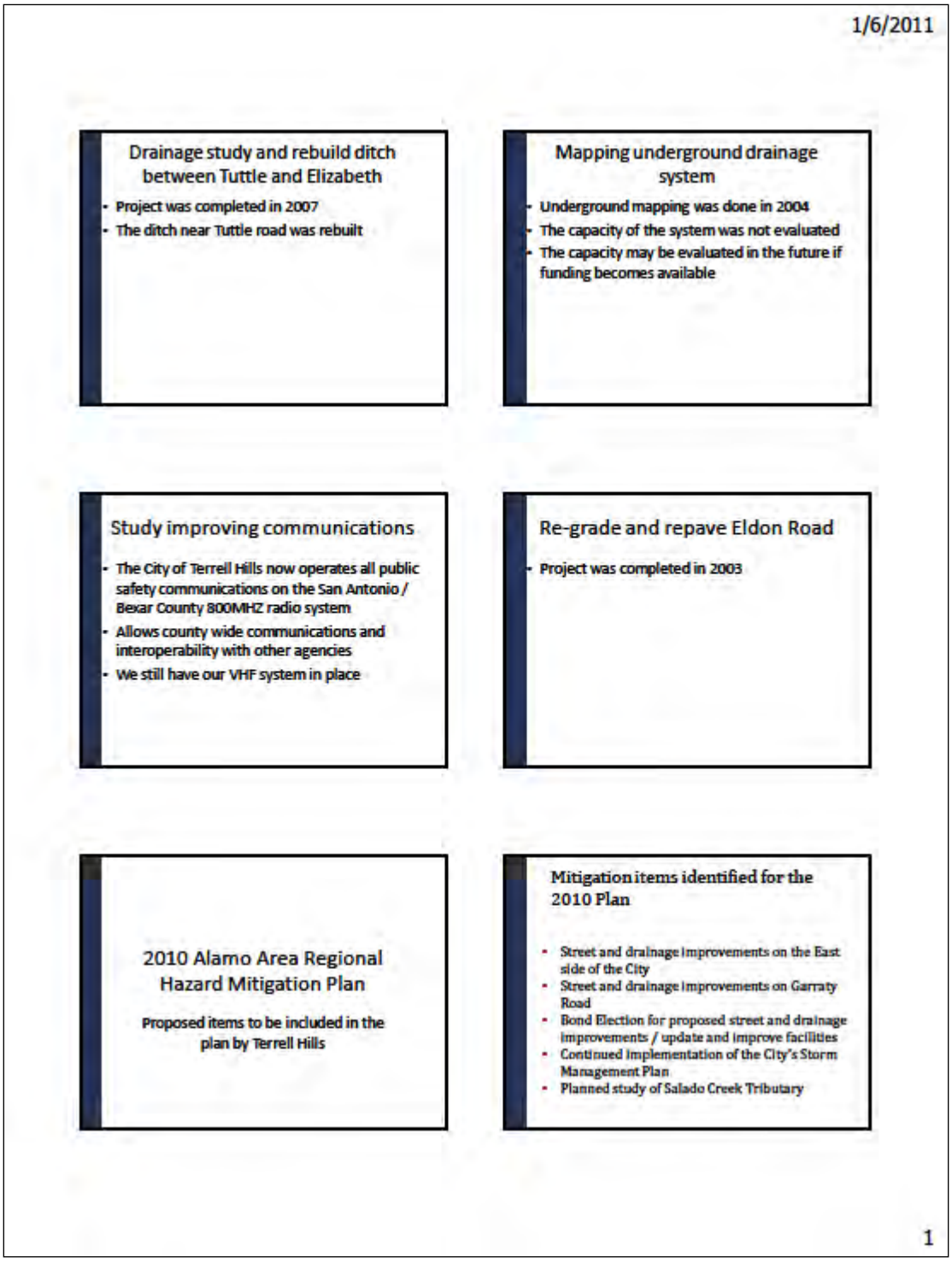
Increase WMD and Hazardous materials training for the police and fire departments

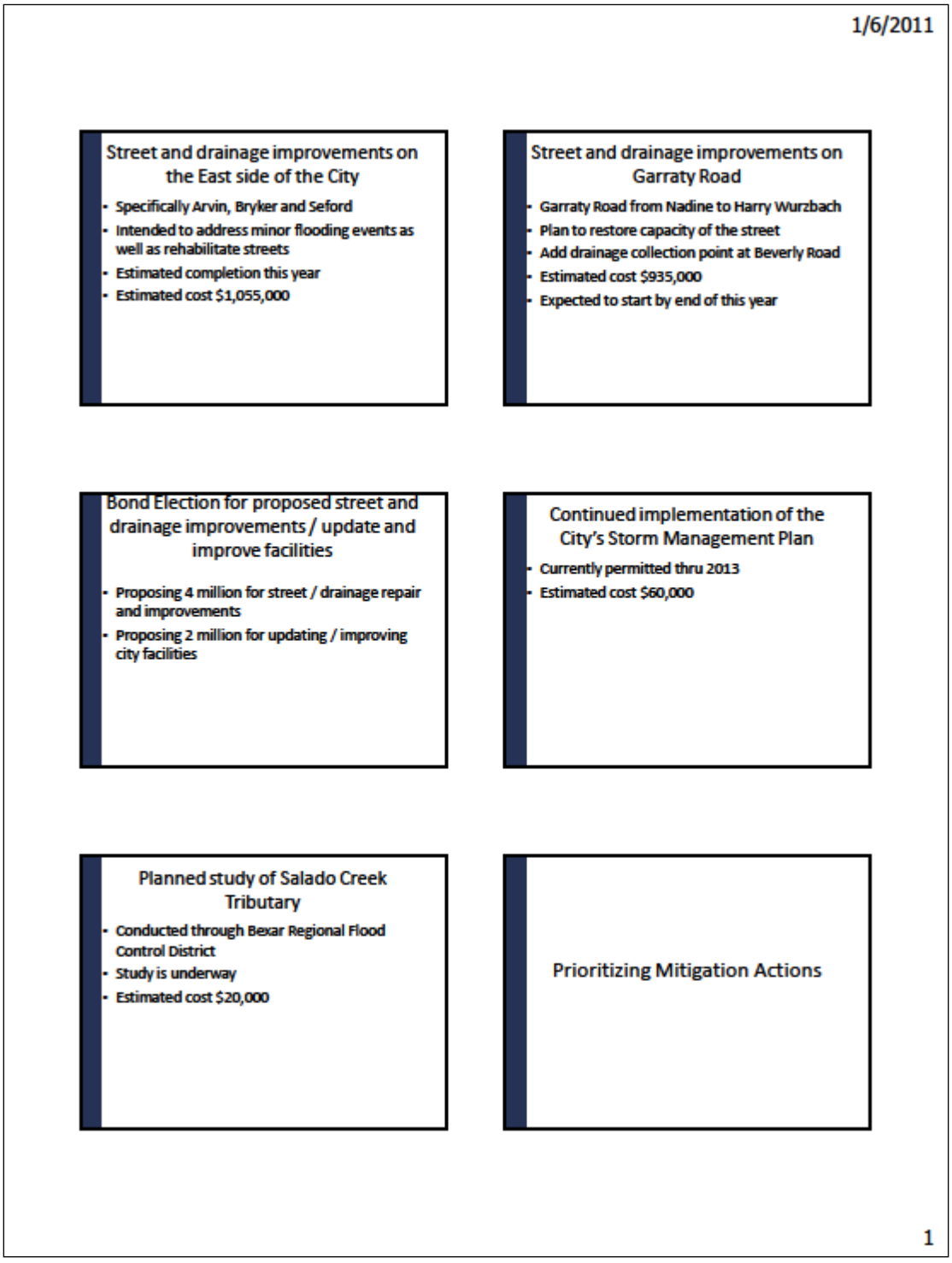
- Fire and Police departments received initial training in WMD early in the 2005 plan
- The Fire and Police departments continue to receive on going training related to WMD and hazardous materials on a regular basis

Replace 50 year old sewer system

- The sewer system was sold to the San Antonio Water System (SAWS) in 2007.
- SAWS now maintains the system and is responsible for its operation.

1


1/6/2011
Drainage study and rebuild ditch between Tuttle and Elizabeth
Project was completed in 2007
The ditch near Tuttle road was rebuilt
Mapping underground drainage system
Underground mapping was done in 2004
The capacity of the system was not evaluated
The capacity may be evaluated in the future if funding becomes available
Study improving communications
The City of Terrell Hills now operates all public safety communications on the San Antonio / Bexar County 800MHZ radio system
Allows county wide communications and interoperability with other agencies
We still have our VHF system in place
Re-grade and repave Eldon Road
Project was completed in 2003
2010 Alamo Area Regional Hazard Mitigation Plan
Proposed items to be included in the plan by Terrell Hills
Mitigation items identified for the 2010 Plan
Street and drainage improvements on the East side of the City
Street and drainage improvements on Garraty Road
Bond Election for proposed street and drainage improvements / update and improve facilities
Continued implementation of the City's Storm Management Plan
Planned study of Salado Creek Tributary
1


1/6/2011
Street and drainage improvements on the East side of the City
Specifically Arvin, Bryker and Seford
Intended to address minor flooding events as well as rehabilitate streets
Estimated completion this year
Estimated cost $1,055,000
Street and drainage improvements on Garraty Road
Garraty Road from Nadine to Harry Wurzbach
Plan to restore capacity of the street
Add drainage collection point at Beverly Road
Estimated cost $935,000
Expected to start by end of this year
Bond Election for proposed street and drainage improvements / update and improve facilities
Proposing 4 million for street / drainage repair and improvements
Proposing 2 million for updating / improving city facilities
Continued implementation of the City's Storm Management Plan
Currently permitted thru 2013
Estimated cost $60,000
Planned study of Salado Creek Tributary
Conducted through Bexar Regional Flood Control District
Study is underway
Estimated cost $20,000
Prioritizing Mitigation Actions
1

1/6/2011

Prioritizing Mitigation Actions - STAPLEE

Now that the projects have been identified, the projects must be prioritized. FEMA recommends using the STAPLEE criteria to identify, evaluate, and prioritize proposed mitigation actions, based on existing local conditions. It stands for:

Social
Technical
Administrative
Political
Legal
Economic
Environmental

STAPLEE – Safe Room Example

Use STAPLEE to consider the construction of a stand-alone safe room, to protect 100 residents of a mobile home park during extreme wind events.

The safe room would be maintained by the community, and would be constructed on land donated by the park's owner.

The project is anticipated to cost $2M, and is expected to be partially funded through an HMGP grant. The non-federal cost share is anticipated to be $500k, cash and in-kind.

The first area to look at is the associated social considerations …

STAPLEE – Social

The public must support the overall implementation strategy and the specific mitigation action.

Actions must be evaluated in terms of the community's acceptance of them.

We can safely presume the public would support a life saving measure for an at risk community.

However, is the measure **technically** feasible? (i.e., is it capable of being built in the location available?)

STAPLEE – Technical

Mitigation actions must:

- Be technically feasible;
- Be capable of long-term loss reduction; and
- Have minimal secondary impacts.

+Actions should either solve a problem, or provide a partial solution to a problem.

Safe rooms prevent the loss of life in extreme wind events and are typically a cost-effective measure if developed with the correct technical approach. For example, just one of the technical considerations to keep in mind is the location of the structure, it should not be in a Special Flood Hazard Area, and it must be readily accessible to the people it is intended to protect.

Can the community provide the necessary **administrative** resources for the project?

STAPLEE – Administrative

Consider the capability of the municipality to provide the following support:

Does the community have the capability to implement and manage the action without negatively impacting normal operations?

Does the community have the capability to manage the financial portion of the action?

Does the community have the capability to maintain the action after completion?

Will the community need to hire/contract for additional staff to implement/manage the action?

Once these questions are answered, what are the **political** considerations?

STAPLEE – Political

Proposed mitigation actions sometimes fail due to a lack of political acceptability and support.

Is the action likely to be politically unpopular?

Is the action likely to have political support?

Is the action likely to become abnormally political?

If the political environment is not prohibitive, **legal** considerations should be evaluated.

1

1/6/2011

STAPLEE – Legal

Is the proposed location within the municipality or county's jurisdiction?

Does the land owner have the authority to donate the land? (no back taxes, liens, mortgages, etc.)

Who will be responsible for donation costs (appraisals, closing, attorney's fees, etc)?

Is the municipality the correct entity to implement the action, or would be action be better served by another entity?

If the community can satisfactorily address the legal considerations, the next consideration is economic.

STAPLEE – Economic

Almost all federal grants require a non-federal cost share.

What sources of local funding are available to fund mitigation actions?

Cash?
Third-party donation?
In-kind services (land clearing, debris removal, etc.)?

What has to happen to authorize allocating the funding to an action?

How will the community determine an action's cost-effectiveness?

If economic considerations can be resolved, the final question involves environmental impacts.

STAPLEE – Environmental

Good mitigation actions tend to be both sustainable and environmentally healthy.

Federal grant providers are required to adhere to the provisions of the National Environmental Policy Act, as well as other applicable environmental and historic preservation legislation.

Are there state environmental policies or regulations that must be adhered to?

What environmental issues are likely to be associated with the safe room's location: Floodplains? Wetlands? Other sensitive/protected areas?

What historic preservation and cultural issues are likely to be encountered?

STAPLEE – Conclusion and Alternatives

Once all applicable STAPLEE considerations are investigated, use the results to prioritize your projects. It is often helpful to apply a "weight" to certain considerations from STAPLEE to assist in prioritizing projects. However, in some cases that weight may not be applicable across the board.

This is where alternatives to STAPLEE may be beneficial. The community may use portions of STAPLEE in conjunction with considerations regarding progression of projects (i.e., some projects are dependent on the completion of other projects) or they may use a consideration such as progression as a different criteria altogether.

If this is done, an explanation of criteria MUST be provided. Document what factors were considered in prioritizing projects, and how those factors were weighed against each other.

Prioritization of Identified Mitigation Actions

1.) Bond election for streets / drainage and facilities
2.) Street improvements on Garraty Road
3.) Street improvements on the East side of the City
4.) Continued implementation of the City's storm management plan
5.) BRFCD: planned study
6.) Evaluating the capacity of the underground drainage system

Any Questions?

1

G.1.12.4 Other Documentation

The City of Terrell Hills Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 9 of this Plan Update.

No notes or minutes were taken at the meeting.

G.1.13 City of Universal City (Bexar County)

The City of Universal City held their Local Hazard Mitigation Team Meeting on November 4, 2010. The meeting was held in the City Council Chambers, and was open to the public.

G.1.13.1 Meeting Notice and Agenda

The following notice informed the public about the City of Universal City Hazard Mitigation Team Meeting. This notice was posted in City Hall, as are all public notices for the City. This notice also served as the agenda for the meeting. (Note: The copy presented is the best available image.)

AGENDA

Alamo Area Regional Hazard Mitigation Plan Update Meeting

Universal City Local Mitigation Team

Location: Council Chambers
2150 Universal City Blvd.
Universal City, TX 78148

Date & Time: November 4, 2010
930 AM

Universal City Local Mitigation Team will hold a **PUBLIC HEARING** TO WIT:

- Introduction
- Meeting purpose & Hazard Mitigation Overview
- Identify current mitigation actions – updates identified August 17, 2010
  - Identify actions to carry over
  - Identify actions completed
  - Identify actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects
  - Wildfire mitigation in Cibolo Creek Urban Interface
  - Improve drainage in Coronado Subdivision
- Conclusion and alternative methods
- Prioritization of identified mitigation actions
- Adjourn

CERTIFICATE

I certify that the above notice of meeting was posted on the bulletin board at the City Hall of the City of Universal City, Texas, on the 26th day of October, 2010 at 9:22 o'clock (A.M.) (P.M.)

CITY CLERK

G.1.13.2 Meeting Attendees

The following table lists the attendees at the City of Universal City Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Universal City Hazard Mitigation Team			
Ross Wallace	Chief	City of Universal City Fire Department	City of Universal City
John Hatzel	Fire Marshal	City of Universal City Fire Department	City of Universal City
Kim Turner	Director	City of Universal City Development Services	City of Universal City
Gary Speer	Chief	City of Universal City Police Department	City of Universal City
Randy Luensman	Director	City of Universal City Public Works	City of Universal City
Ken Taylor	City Manager	City of Universal City	City of Universal City
Patrick Lewis	Lieutenant	City of Universal City Fire Department	City of Universal City

G.1.13.3 Meeting Notes

The following notes were taken at the meeting.

Introduction:
Meeting called to order

Meeting Purpose:
Public hearing and overview of Local Hazard Mitigation Plan

Actions to carry over:
All items previously identified completed.

Actions completed:
1. Improved communication equipment for all city emergency responders through the purchase of 800 trunking conversion.
2. Purchased Generator to support the Universal City Fire Department during power outages.
3. Purchased larger Generator to sustain emergency services within the Universal City Municipal Building during power outages.
4. Purchased Ladder Truck for Universal City Fire Department for fire calls and rescue operations.
5. Completed required drainage studies of areas marked for subdivision development to reduce run-off and flooding problems.
6. Obtained alternate water source during drought.
7. PD obtained a four wheel drive vehicle for emergency response for use during hazardous situations when road conditions are poor and difficult to travel.

Actions to Eliminate:

None

Future Mitigation actions:

1. Security and generator for well sites and water supply
2. Security for existing parking area for Police Department vehicles
3. Off-site sensitive data storage
4. Coronado Village drainage improvement (DeVaca, Kitty Hawk Rd. vicinity)
5. Cibolo Creek Wild-land Urban Interface

Priority projects:

1. Flood Plain concern; Coronado Village project to improve drainage (DeVaca, Kitty Hawk Rd. vicinity)
2. Fire concern; Cibolo Creek Wild-land Urban Interface

Ranking of these projects simply reflects what is well published that South Texas is prone to flash flooding.

Meeting adjourned

G.1.13.4 Other Documentation

The City of Terrell Hills Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.14 City of Von Ormy (Bexar County)

The City of Von Ormy held their Local Hazard Mitigation Team Meeting on November 28, 2010. The meeting was held in the Parish Hall of the Sacred Heart Catholic Church, and was open to the public. (Note: The Parish Hall serves as City Hall.)

G.1.14.1 Meeting Notice and Agenda

The following notice informed the public about the City of Von Ormy Hazard Mitigation Team Meeting. This notice was posted in the Parish Hall, as are all public notices for the City. This notice also served as the agenda for the meeting. (Note: The copy presented is the best available image.)

NOTICE OF EMERGENCY MANAGEMENT PUBLIC MEETING
CITY OF VON ORMY

Notice is hereby given that a Emergency Management Public Meeting will be held **Monday November 29, 2010** at 6:30 P.M. in the Parish Hall of Sacred Heart Catholic Church 13466 IH 35 South, Von Ormy, Texas. The following items will be discussed to wit:

PUBLIC MEETING AGENDA
Monday November 29, 2010, 6:30 P.M.

1) Discuss and consider City of Von Ormy Mitigation Plan.

   A) Identify hazard

   B) Develop a point of action to litigate hazard

(Emergency Management Coordinator Silva)

This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting. For assistance, please call (210) 449-6788. For additional information on any item on this agenda, please visit www.vonormytexas.com or call (210) 449-6788.

I certify that the above Notice of Meeting was posted on the bulletin board for the parish Hall of Sacred Heart Catholic Church Meeting on the 26th day of November, 2010 by 6:30 p.m., and said Notice remained so posted continuously for at least 72 hours preceding the scheduled time of said Meeting in accordance with the Texas Open Meetings law.

Julia A. Hernandez, City Clerk

G.1.14.2 Meeting Attendees

The following table lists the attendees at the City of Von Ormy Hazard Mitigation Team Meeting

Name	Title	Agency/Organization	Jurisdiction
City of Von Ormy Hazard Mitigation Team			
Jesus Garza	City Administrator	City of Von Ormy	City of Von Ormy
Art Marnneo de Vera	Mayor and Resident	City of Von Ormy	City of Von Ormy
Ayda Gouzarro	City Engineer	City of Von Ormy	City of Von Ormy
Stephen (illegible)	Deputy City Marshal and Resident	City of Von Ormy Fire Department	City of Von Ormy
John Ortega	City Marshal	City of Von Ormy	City of Von Ormy
Marcus Alexander	Deputy Marshal	City of Von Ormy	City of Von Ormy
Jacqueline Silva	Emergency Management Coordinator	City of Von Ormy	City of Von Ormy

G.1.14.3 Meeting Summary

The following is a summary of the activities and discussion at the meeting.

Summary of Meeting Minutes

The Mitigation Public Meeting held November 29th, 2010 was attended by all critical members of Von Ormy including Mayor, City Marshall, EMC & City Engineer. Led by our EMC, Jacqueline Silva, the meeting was focused on discussing issues facing Von Ormy and she granted everybody an opportunity to report on potential incidents in the community. With the assistance of the City Engineer we were able to determine appropriate cost estimates for the measures requiring capital. With the assistance of Mayor and City Administrator present we were able to set a deadline on the passage of ordinances and with the assistance of City Marshal were able to determine what public safety procedures we rely on in case these issues arise.

The final product of our discussion was the Mitigation Plan submitted to AACOG.

G.1.14.4 Other Documentation

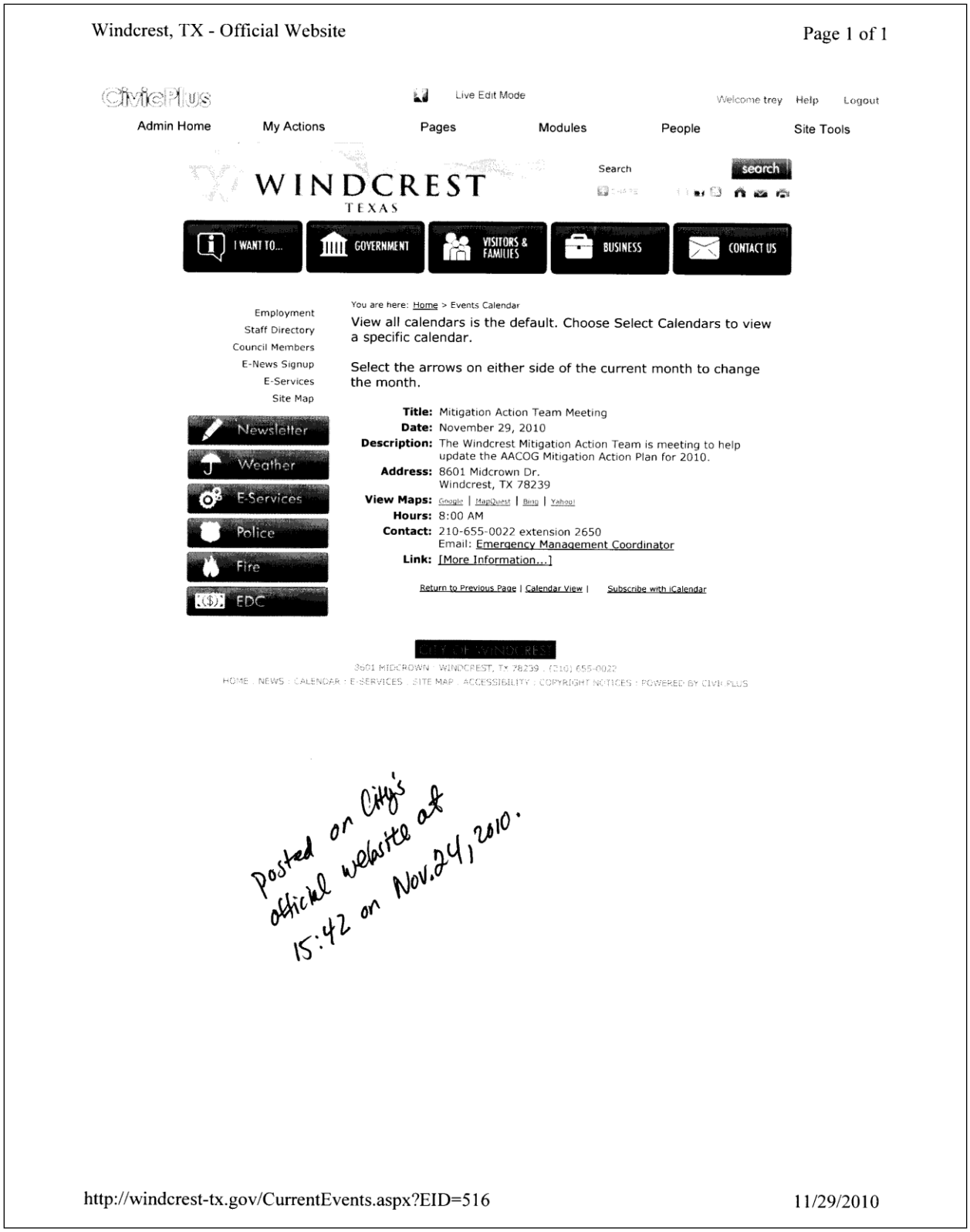
The City of Von Ormy Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.15 City of Windcrest (Bexar County)

The City of Windcrest held their Local Hazard Mitigation Team Meeting on November 29, 2010. The meeting was held in the City Council Chambers, and was open to the public.

G.1.15.1 Meeting Notice

The following notice informed the public about the City of Windcrest Hazard Mitigation Team Meeting. This notice was posted on the City's website, as are all public notices for the City. (Note: The copy presented is the best available image.)



Windcrest, TX - Official Website

Page 1 of 1

CivicPlus

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WINDCREST
TEXAS

Search search

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Council Members
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Fire
EDC

You are here: Home > Events Calendar

View all calendars is the default. Choose Select Calendars to view a specific calendar.

Select the arrows on either side of the current month to change the month.

Title: Mitigation Action Team Meeting
Date: November 29, 2010
Description: The Windcrest Mitigation Action Team is meeting to help update the AACOG Mitigation Action Plan for 2010.
Address: 8601 Midcrown Dr.
Windcrest, TX 78239
View Maps: Google | MapQuest | Bing | Yahoo!
Hours: 8:00 AM
Contact: 210-655-0022 extension 2650
Email: Emergency Management Coordinator
Link: [More Information...]

Return to Previous Page | Calendar View | Subscribe with iCalendar

CITY OF WINDCREST
8601 MIDCROWN · WINDCREST, TX 78239 · (210) 655-0022
HOME : NEWS : CALENDAR : E-SERVICES : SITE MAP : ACCESSIBILITY : COPYRIGHT NOTICES : POWERED BY CIVIC PLUS

Posted on City's official website at 15:42 on Nov. 24, 2010.

http://windcrest-tx.gov/CurrentEvents.aspx?EID=516

11/29/2010

G.1.15.2 Meeting Attendees

The following table lists the attendees at the City of Windcrest Hazard Mitigation Team Meeting

Name	Title	Agency/Organization	Jurisdiction
City of Windcrest Hazard Mitigation Team			
David Cadena	Interim City Manager / Floodplain Coordinator / Director of Building Services	City of Windcrest	City of Windcrest
Joe Pabon	Chief	City of Windcrest Police Department	City of Windcrest
Ray Watson	Not provided	Windcrest Economic Development Corporation	City of Windcrest
Dan Reese	Chief	City of Windcrest Fire Department	City of Windcrest
Richard Frenzel	Director	BCWCID #10	City of Windcrest
Charles Lackey	Director	City of Windcrest Public Works	City of Windcrest
Trey Hall	Coordinator	City of Windcrest Emergency Management	City of Windcrest

G.1.15.3 Meeting Agenda

The following is the agenda used to facilitate the City of Windcrest Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
City of Windcrest Local Mitigation Team

Location: City Council Chambers
8601 Midcrown Drive

Date: November 29, 2010
Time: 8:00am

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.15.4 Meeting Presentation

For this meeting, the City of Windcrest Mitigation Team used the presentation that appears at the end of this appendix.

G.1.15.5 Other Documentation

The City of Windcrest Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No minutes or notes were taken at the meeting.

G.1.16 Comal County

Comal County held their Local Hazard Mitigation Team Meeting on November 23, 2010. The meeting was held at the New Braunfels Civic Center, and was open to the public. The meeting was attended by representatives from the following municipalities in Comal County:

- City of New Braunfels

Note that the Comal County Emergency Management Director has coordinated activities and provided information / documentation for both the County and all municipalities within the County (New Braunfels, Garden Ridge and Bulverde) throughout the Plan Update process.

G.1.16.1 Meeting Notice

The following notice informed the public about the Comal County Hazard Mitigation Team Meeting. This notice was published in the local newspaper, as are all public notices for the City. In addition, email invitations were sent to stakeholders. (Note: The copy presented is the best available image.)



Sunday, November 21, 2010 — HERALD ZEITUNG — Page 3D

110 Legal Notices

may reach in elimination (or consideration) of a contract to be procured. The State of Texas Local Government Code (Chapter 176) requires that all vendors seeking to do business with NBU file a Disclosure Questionnaire identifying any business relationship they have with a Board of Trustee member or the CEO. Go to the NBU website at www.nbutexas.com for forms or additional information.

NOTICE OF PUBLIC MEETING

November 21, 2010 - the Comal County and New Braunfels Emergency Management Offices have scheduled a public meeting on the hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA). The Local Hazard Mitigation Team Meeting will be at 1:30 p.m. Tuesday, November 23, 2010 at New Braunfels Civic Center, 390 South Seguin Room 103, New Braunfels, TX 78130. The meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the Comal County Emergency Management Office, Comal County, City of New Braunfels, City of Garden Ridge and City of Bulverde officials began work to update the above-mentioned hazard mitigation plan update. The primary intent of the project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage

110 Legal Notices

due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs such as the natural mitigation program. With an approved hazard mitigation plan, Comal County, City of New Braunfels, City of Garden Ridge and City of Bulverde will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Carol J. Fegett, Comal County EMC at 830-221-1106 or by e-mail at cjfegett@co.comal.tx.us or Steve Harris, New Braunfels EMC, at 830-221-4270 or by e-mail at sharris@nbtexas.com



Comal County

Danny Scheel
County Judge

DATE: November 5, 2010

TO: Local Hazard Mitigation Team Members

FROM: Danny Scheel, Comal County Judge

RE: Alamo Area Council of Government Mitigation Action Plan Update

The Comal County and New Braunfels Emergency Management Offices have scheduled a public meeting on the hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA). The Local Hazard Mitigation Team Meeting will be at 1:30 p.m., Tuesday, November 23, 2010 at New Braunfels Civic Center, 390 South Seguin, Room 105, New Braunfels, TX 78130. This meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the Comal County Emergency Management Office, Comal County, City of New Braunfels, City of Garden Ridge and City of Bulverde officials began work to update the above-mentioned hazard mitigation plan update. The primary intent of this project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigation plan, Comal County, City of New Braunfels, City of Garden Ridge and City of Bulverde will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Carol T. Edgett, Comal County EMC at 830-221-1108 or by e-mail at cetejet@co.comal.tx.us or Steve Harris, New Braunfels EMC, at 830-221-4270 or by e-mail at sharris@nbtexas.org

150 North Seguin. • New Braunfels, TX 78130 • 830-221-1100 • Fax 830-620-5380 • Email:cedrs@co.comal.tx.us

G.1.16.2 Meeting Attendees

The following table lists the attendees at the Comal County Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
Comal County Hazard Mitigation Team Meeting			
Carol Edgett	Emergency Management Coordinator	Comal County	Comal County
Steve Harris	Emergency Management Coordinator	City of New Braunfels	City of New Braunfels
Roger Biggers	Not provided	City of New Braunfels Utilities	City of New Braunfels

G.1.16.3 Meeting Agenda

The following is the agenda used to facilitate the Comal County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
Comal County Local Mitigation Team

Location: New Braunfels Civic Center
390 South Seguin
New Braunfels, TX 78130

Date: November 23, 2010
Time: 1:30pm

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.16.4 Meeting Minutes

The following minutes were taken at the meeting.

COMAL COUNTY PUBLIC MEETING
AACOG REGIONAL HAZARD MITIGATION ACTION PLAN UPDATE
New Braunfels Civic Center, Room 105
390 South Seguin
New Braunfels, TX 78130
November 23, 2010, 1:30 pm

Minutes of Public Meeting:

On November 23, 2010 at 1:30 pm the meeting was called to order, introductions were made.

A powerpoint presentation was delivered covering the update process and identification of future mitigation actions.

The group reviewed mitigation projects for all jurisdictions and it was determined to add an additional project identified as relocating the Gruene Wastewater Treatment Plant from the floodplain. The Gruene Wastewater Treatment Plant is owned by New Braunfels Utilities and has been damaged by numerous flood events.

The meeting was adjourned.

G.1.16.5 Meeting Presentation

For this meeting, the Comal County Mitigation Team used the presentation that appears at the end of this appendix.

G.1.16.6 Other Documentation

The Comal County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.17 Frio County

Frio County held their Local Hazard Mitigation Team Meeting on November 22, 2010. The meeting was held at the Frio County Commissioner's County, and was open to the public. The meeting was attended by representatives from the following municipalities in Comal County:

- City of Pearsall
- City of Dilley

G.1.17.1 Meeting Notice

APPENDIX G

The following notice informed the public about the Frio County Hazard Mitigation Team Meeting. This notice was published in the Frio-Nueces Current, as are all public notices for the County. In addition, email invitations were sent to stakeholders. (Note: The copy presented is the best available image.)

Frio hosts hazard mitigation meeting

Frio County's Office of Emergency Management has scheduled a public meeting on its hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA).

The local hazard mitigation team meeting will be at 10 a.m. on Monday, November 22 at Frio County Commissioner's Court.

The meeting will provide the public with an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the Frio County Emergency Management Office, Frio County, City of Dilley and City of Pearsall officials began work to update the plan update. The primary intent of the project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a local hazard mitigation team made up of community stakeholders.

Each year, millions of federal homeland security grants

...dollar are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigation plan, Frio County, City of Dilley and Pearsall will be eligible for these competitive grand funds.

Further information on the meeting in general is available by calling Edward Maldonado, Frio County Emergency Management Coordinator at (830) 334-2454 or via email at emaldonado@co.frio.tx.us.

CARD OF TH

On behalf of the Espinoza fa

like to thank everyone that

past weekend with the Benef

Michael Marshall. Again, th

one for your donations and

God

FAILL

Great Pre-Owned Cars & Trucks

We Buy Used C

CARS

2002 PONTIAC SUNFIRE SE, 2 DR. ... $5,591

2008 FORD FUSION, 4 DR. ... $7,494

2009 FORD TAURUS SE, 4 DR. ... $9,294

2008 CHEVY IMPALA LS, 4 DR. ... $9,894

2008 MAZDA [illegible] ... $9,995

2008 JEEP LIBERTY RENEGADE

2007 FORD EXPLORER XLT, 4 DR.

2007 JEEP WRANGLER UNLIMITED

2010 FORD E-250 CARGO VAN

2010 DODGE CARAVAN SXT

2007 FORD EXPEDITION E.L.

[redacted]

November 15, 2010

Dear Colleagues,

The Alamo Area Council of Governments is in the process of updating the AACOG Regional Hazard Mitigation Plan, of which Frio County is a participating jurisdiction. Made possible by a grant provided through the Texas Division of Emergency Management and the Federal Emergency Management Agency, the plan update will build upon the current approved plan.

The plan update will identify and document potential mitigation opportunities within the Frio County-Dilley & Pearsall, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available and will address past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation team, so that we may review the mitigation actions from the previous plan, identify any new mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This meeting will be held on November 22, 2010 at 10:00 a.m. We will be meeting at Frio County Commissioners Court.

Your participation and support are greatly appreciated, as is information you can add to the planning process. I ask that you make every effort to attend this meeting.

If you have questions regarding the plan update process or the meeting, please contact Frio County EMC or Frio County Judge Office at (830)334-2154.

Regards,

Edward Maldonado, Frio County Emergency Management Coordinator

G.1.17.2 Meeting Attendees

The following table lists the attendees at the Frio County Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
Frio County Hazard Mitigation Team			
Edward Maldonado	Emergency Management Coordinator	Frio County	Frio County
Adalberta Bosquez	Not provided	City of Pearsall	City of Pearsall
Cameron Lopez	Region 13 Coordinator	Texas Commission on Environmental Quality	NA
Carlos Garcia	County Judge	Frio County	Frio County
Robert Garza	Not provided	City of Dilley	City of Dilley
Melissa Gonzalez	City Administrator	City of Dilley	City of Dilley
Rudy Olvarez, Jr.	Not provided	City of Dilley Public Works	City of Dilley
Sara Pickard	Not provided	City of Pearsall	City of Pearsall
Mary Ruiz	Homeland Security Manager	Alamo Area Council of Governments	NA
Linda Parsons	Not provided	Frio County Emergency Medical Service	Frio County
H. Martinez	Chief	City of Pearsall Police Department	City of Pearsall
Reynaldo Martinez	Mayor	City of Pearsall	City of Pearsall
Adrienne Cohen	Homeland Security Coordinator	Alamo Area Council of Governments	NA

G.1.17.3 Meeting Agenda

The following is the agenda used to facilitate the Frio County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
Frio County Local Mitigation Team

Location: Frio County Commissioner's County
500 E. San Antonio
Pearsall, TX 78061

Date: November 22 2010
Time: 10:00am

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions

- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.17.4 Meeting Notes

The following minutes were taken at the meeting.

FRIO COUNTY PUBLIC MEETING
AACOG REGIONAL HAZARD MITIGATION ACTION PLAN UPDATE
November 22, 2010, 10:00am

Minutes

Participants were introduced.

The purpose of the meeting was explained by Edward Maldonado, EMC. Hazard Mitigation overview was explained, current actions, identification of actions to carry over and actions completed.

Identify future mitigation actions, popitizing [sic] projects using STAPLEE

Conclusion and alternative methods, prioritization of identified actions

Questions and answers followed with discussion of plan and projects

Adjourn

G.1.17.5 Meeting Presentation

For this meeting, the Frio County Mitigation Team used the presentation that appears at the end of this appendix.

G.1.17.6 Other Documentation

The Comal County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.18 Gillespie County

For the sake of efficiency, the City Hazard Mitigation Team and the County Hazard Mitigation Team came together to hold a single meeting and discussion. The entities completed separate, yet compatible, mitigation actions listings.

Gillespie County and the City of Fredericksburg held their Local Hazard Mitigation Team Meeting on November 18, 2010. The meeting was held at the Fredericksburg City Hall, and was open to the public. The meeting was attended by representatives from the City of Fredericksburg, which is the only municipality in Gillespie County.

Note that the Emergency Management Coordinator is responsible all emergency management activities for both Gillespie County and the City of Fredericksburg.

G.1.18.1 Meeting Notice

The following notice informed the public about the Gillespie County/City of Fredericksburg Hazard Mitigation Teams Meeting. This notice was published in the Fredericksburg Standard-Post Radio, as are all public notices. In addition, email invitations were sent to stakeholders. (Note: The copy presented is the best available image.)



F4 - FREDERICKSBURG STANDARD-RADIO POST - WEDNESDAY, NOVEMBER 17, 2010

500 HELP WANTED

WHEELER'S
RESTAURANT
204 S. Main - Fredericksburg
830-990-8180

Now Hiring
Hostperson • Cooks • Dishwahers
lunch only.
Weekends a must. Best tips in town.
Competitive Wages. Experience preferred.

Apply in person - See Anna or Randy
8-11 a.m. weekdays

JEK'S
PIT STOP, INC.
Competitive Wages PLUS
- Additional $1.50/hr. 6 p.m.-6 a.m.
- Night Shifts available
- Overtime pay for Sundays & Holidays
- Kitchen Assistant
- Must work weekends & Holidays
- Different shifts available

Apply in person only! *We Drug Test!*
110 E. Main 528 W. Main

HELP WANTED
Part-time Cashier
Everyone welcome to apply
apply at either
Fina Station
322 S. Washington
and
713 W. Main
830-997-7641
FINA

All persons having claims against this estate which is currently being administered are required to present them within the time and in the manner prescribed by law.

Dated this 9th day of November, 2010.

By: Crisiol N. Schoessow,
Attorney for the Estate
23

NOTICE OF PUBLIC SALE

Sale of property to satisfy a landlord's lien.

Sale to be held at AAA Self Storage at 4123 E. U.S. Hwy. 290, Fredericksburg, TX 78624 on December 4, 2010 at 10 a.m. Seller reserves the right to withdraw the property at any time before the sale. Unit items sold for cash to highest bidder. Property includes the contents of spaces of the following tenant: William Ranck: bicycle, hand tools, camping gear and golf clubs.

23-24

600 MISCELLANEOUS

Davis
Bonding Company
406 S. Adams St.
(across from HEB)
Fredericksburg, TX
~ Bail Bonds ~
877-990-4994 (toll free)
990-4994
Local Agent
24 Hour Service
Gillespie & Surrounding Counties

Subscribe to the Fredericksburg Standard

Lees' household items, dressers, and miscellaneous boxes.

23-24

PUBLIC MEETING NOTICE

The City of Fredericksburg and Gillespie County are in the process of updating the Alamo Area Council of Governments Regional Hazard Mitigation Plan. The plan update will identify and document potential mitigation opportunities within the City of Fredericksburg and Gillespie County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available and will address past losses caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation teams, so that we may review and identify mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This meeting will be held on Thursday, November 18, at 8 a.m. We will be meeting in the Fire Department Training Room on the second floor of City Hall at 126 West Main Street.

Your participation and support are greatly appreciated, as is information you can add to the planning process.

If you have questions regarding the plan update process or the meeting, please contact the Director of Emergency Services for the City of Fredericksburg and Gillespie County at 830-997-7521.

23

Need Help In Coping?
Call 997-9756
THE NEEDS COUNCIL

From: John Culpepper [mailto:jculpepper@fbgtx.org]
Sent: Monday, November 15, 2010 10:53 AM
To: 'John Culpepper'; awallendorf@fbgtx.org; 'Danny Crenwelge'; jjk5dk@ktc.com; pau meausack@wildblue.net; Rogerh@ctesc.net; 'Tracy Cleaton'; wbritton@fbgtx.org; 'Steve Olfers'; 'Linda DePriest'; 'Arno'; 'Horst Weitalla'; 'Tom Cole'; 'Adam & Lisa Sallachi'; 'Greg Snegroke'; 'Todd Willingham'; 'Bob Sagebiel'; edc@fbgtx.org; poestreich@fbgtx.org; bmills@gillespiecounty.org; 'Pansy Benedict'; 'Lea Feuge'; deoverdorf@aol.com; jwestangreenliving@gmail.com; owjoncole@austin.rr.com; marylk@ktc.com; brad.harris@abtexasne.com; director@fbgtx.org; 'Graham Pearson'; 'Bjorn Kirchdorfer'; aseeger@fbgtx.org; thawley@fbgtx.org; hjordan@fbgtx.org; dbecs@gillespiecounty.org; 'Lori Seewald'; adcuson@fbgtx.org
Subject: Hazard Mitigation Planning Meeting, Thursday 18 Nov

You are invited to the Fredericksburg / Gillespie County Hazard Mitigation Meeting on Thursday, 18 November 2010.

The City of Fredericksburg and Gillespie County are in the process of updating the Alamo Area Council of Governments Regional Hazard Mitigation Plan. The plan update will identify and document potential mitigation opportunities within the City of Fredericksburg and Gillespie County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available and will address past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation teams, so that we may review and identify mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This meeting will be held on Thursday, November 18th, at 8:00am. We will be meeting in the Fire Department Training Room on the second floor of City Hall at 126 West Main Street.

Your participation and support are greatly appreciated, as is information you can add to the planning process.

If you have questions regarding the plan update process or the meeting, please contact me and I'll be happy to provide any information necessary.

John

John C. Culpepper

Director of Emergency Services
Fredericksburg and Gillespie County

126 W. Main St. *Office: 830-990-2033*
Fredericksburg, TX 78624 *Cell: 830-889-5801*

G.1.18.2 Meeting Attendees

The following table lists the attendees at the Gillespie County/City of Fredericksburg Mitigation Teams Meeting.

Name	Title	Agency/Organization	Jurisdiction
Gillespie County/City of Fredericksburg Hazard Mitigation Teams			
Graham Pearson	Councilmember	City of Fredericksburg City Council	City of Fredericksburg
Bobby Sagebird	Not provided	Not provided	Not provided
Lori Seewald	Not provided	City of Fredericksburg	City of Fredericksburg
Andy Dodson	Not provided	City of Fredericksburg	City of Fredericksburg
Danny Crenwelge	Not provided	TXDoT	State of Texas
Steve Olfers	Fire Marshal	City of Fredericksburg / Gillespie County Fire Department	City of Fredericksburg Gillespie County
Dana Overdorf	HM Committee Member	Not provided	Not provided
Roger Hansen	Airport Manager	Gillespie County Airport	Gillespie County
Wallace Britton	Not provided	City of Fredericksburg	City of Fredericksburg
Craig Wallendorf	Not provided	City of Fredericksburg	City of Fredericksburg
Calvin Ransleben	Not provided	Gillespie County	Gillespie County
John Culpepper	Emergency Management Coordinator	City of Fredericksburg / Gillespie County Emergency Management	City of Fredericksburg Gillespie County

G.1.18.3 Meeting Agenda

The following is the agenda used to facilitate the Gillespie County/City of Fredericksburg Hazard Mitigation Teams Meeting.

Transportation/Hazard Mitigation Committee Meeting
Fire Department Training Room
Agenda

1. Call to order
2. TXDoT Updates – Danny Crenwelge
3. City Updates – Craig Wallendorf
4. County Updates – Calvin Ransleben
5. Airport Updates – Roger Hansen
6. Cycle Updates – Lisa Nye-Salladin
7. Economic Development – Time Lehmberg
8. Fire Departments – Steve Olfers
9. Comments from the Floor
10. Emergency Management – John Culpepper
    a. Identify Current Mitigation Actions
        i. Identify actions to carry over

ii. Identify actions completed
iii. Identify actions to eliminate and reasons for elimination

b. Identify future mitigation actions
c. Prioritizing using STAPLEE
d. Conclusion and alternative methods

11. Adjourn

G.1.18.4 Meeting Summary

No formal notes or minutes were taken at this meeting, but a summary of the meeting was provided.

The City of Fredericksburg and Gillespie County Hazard Mitigation Teams met in a combined meeting on 18 November 2010 at the City of Fredericksburg Fire Department Training Room on the second floor of City Hall. The teams first reviewed the purpose for the meeting and then mitigation concepts and measures. The mitigation actions from the 2005 plan were review and several were carried over to the 2010 plan. New mitigation actions were submitted by each team as well as four mitigation actions from the public in attendance. Mitigation actions were specific to City of Fredericksburg and Gillespie County and two distinct lists were created. After establishing the mitigation actions the Teams reviewed the STAPLEE prioritization criteria and then came to a consensus on the priority of each action within the City and County. The meeting ended with the recommendation that the attached mitigation actions for the City of Fredericksburg and Gillespie County be included in the pending AACOG Regional Hazard Mitigation Plan.

G.1.18.5 Meeting Presentation

For this meeting, the Gillespie County/City of Fredericksburg Mitigation Teams used the presentation that appears at the end of this appendix.

G.1.18.6 Other Documentation

The Gillespie County/City of Fredericksburg Hazard Mitigation Teams Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.19 Guadalupe County

Guadalupe County held their Local Hazard Mitigation Team Meeting on November 10, 2010. The meeting was held at the GVEC Community Room, and was open to the public. The meeting was attended by representatives from the following municipalities in Guadalupe County:

- City of Seguin
- City of Cibolo
- City of Schertz
- City of Staples

The municipality of Santa Clara is represented by the County, as it is a very small municipality.

Representatives from the cities of New Berlin and Marion were unable to attend the meeting.

G.1.19.1 Meeting Notice

The following email invitation was sent to stakeholders regarding the Guadalupe County Hazard Mitigation Team Meeting. (Note: The copy presented is the best available image.)

Miki Townsend

From: Dan Kinsey
Sent: Thursday, October 21, 2010 9:05 AM
To: BTodd@schertz.com; Jim Boeck; Greg Dreiss (Gdriess@seguintexas.gov); Randy Schwenn; Miki Townsend; Kay Hays; Jimmy Harless; Larry Timmermann; Glenn Hild (gah_jlhcurly@yahoo.com); Jennifer Hartman (pcimics@cibolotx.net); kstrey@gvec.net; Dawn Caddell
Cc: Steve L. Harris
Subject: Local Mitigation Team Meeting

All,

Please mark your calendars; in preparation for meeting with the consultants hired by AACOG our local team will meet on 11/10 at 9am in the GVEC Community room at the corner of 46 and Kingsbury in Seguin. We will be reviewing what mitigation projects have been completed since the 2005 plan was adopted and what projects need to be included in the 2010 plan.

A copy of the current Mitigation Action Plan can be found here: http://www.aacog.com/homelandsecurity/PDFFiles/AACOG%20Regional%20Mitigation%20Action%20Plan%20121405.pdf Guadalupe County project can be found in Appendix A, pages 98 - 118

This is a "big deal" as access to millions of grant dollars hinge on whether we have an adequate Mitigation Action Plan. Your participation is vital to your jurisdiction being eligible for grant funding.

Daniel Kinsey, CFM
Emergency Management Coordinator
Guadalupe County Texas
415 East Donegan
Seguin Texas 78155
(830) 303-8856 Office
(830) 401-0998 Fax
(830) 481-3039 Mobile
Dkinsey@co.guadalupe.tx.us

We are Twittering! *Follow us on Twitter for important information on critical situations such as flooding, tornados, hail, and wildfires as well as updates on the status of the burn ban, the progress of H1N1, and similar items.* **http://twitter.com/GuadalupeOEM**

11/9/2010

G.1.19.2 Meeting Attendees

The following table lists the attendees at the Guadalupe Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
Guadalupe County Hazard Mitigation Team Meeting			
Jim Boeck	Lieutenant		City of Seguin
Gary Cox	Police Chief	City of Cibolo Police Department	City of Cibolo
Greg Dreiss	Fire Marshal / EMC	City of Seguin Fire Department	City of Seguin
Jimmy Harless	Assistant Director	Guadalupe County Environmental Health	Guadalupe County
Bubba Reinke	Councilmember	City of Staples	City of Staples
Beverly Todd	Fire Marshal / Emergency Management Coordinator	City of Schertz Fire Department	City of Schertz
James Hooks	Superintendent	City of Schertz Public Works	City of Schertz
Roger Niemietz	Fire Chief	City of Cibolo Fire Department	City of Cibolo
Kelly Kistner	Fire Marshal	Guadalupe County Fire Marshal	Guadalupe County
Tom Meely	Administrative Lieutenant	Guadalupe County	Guadalupe County
Dan Kinsey	Coordinator	Guadalupe County Emergency Management	Guadalupe County
Miki Townsend	Administrative Assistant	Guadalupe County Emergency Management	Guadalupe County

G.1.19.3 Meeting Agenda

The following is the agenda used to facilitate the Guadalupe County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
Guadalupe County Local Mitigation Team

Location: GVEC Community Room
927 N Hwy 46
Seguin, TX 78155

Date: November 10, 2010
Time: 9:00am

- Introductions
- Meeting Purpose and Hazard Mitigation Overview
- Identify current mitigation actions

  - Identify actions to carry over
  - Identify actions completed
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Adjourn

G.1.19.4 Meeting Notes

The following notes were taken at the meeting.

Alamo Area Regional Hazard Mitigation Action Plan
Guadalupe County Local Team Update Meeting
927 N. Highway 46, Seguin, Texas 78155
November 10, 2010

Dan Kinsey, Emergency Management Coordinator opened the meeting at 9:00 a.m.

Dan Kinsey briefly explained the purpose of the meeting and how the power point presentation will help the group understand the importance of this update. He added that the presentation will help them assess and determine vulnerabilities, determine prioritization of mitigation actions, and the importance of meeting the deadlines. He then led the group in a discussion on vulnerability assessments. Individual vulnerabilities, as shown on the AACOG Mitigation Action Plan, were discussed with every jurisdiction commenting on their vulnerabilities. The group noted that each jurisdiction had similar and dissimilar vulnerabilities. They, therefore, decided that each jurisdiction will assess vulnerabilities and priorities individually.

After the power point presentation, the discussion continued as follows:

In reference to mitigation actions, Dan Kinsey explained that there are several mitigation options that communities can consider. As an example, he stated that some communities opt to build safe rooms, others designate training or meeting rooms as sheltering facilities during emergencies, some acquire properties/homes that experience frequent flooding, other choose to harden infrastructures, while others provide training for first responders or as public education. He added that mitigation actions should be carefully considered based on what is best for each jurisdiction and then prioritized according to urgency or need. He reiterated the STAPLEE method for prioritizing actions and told the group they could contact Miki Townsend to request emailed or faxed power point copies of the STAPLEE method.

Mr. Kinsey then distributed lists of the mitigation actions that were previously submitted for the 2005 update. He instructed the group to review their individual lists and indicate which actions have been completed, which actions have been modified, which actions are ongoing, and which actions are no longer a priority. Mr. Kinsey felt that the Mitigation Action Form provided may not have enough space to fully explain a mitigation action. He, therefore, provided a one-page format for each individual action. He told the group they could use either form or create their own but that the information must be submitted to Miki Townsend no later than **November 19, 2010**. He explained that Mrs. Townsend works part-time, and that deadline will give her a two-week window to compile, submit, and meet the AACOG deadline.

Mr. Kinsey told the group that projects involving multiple jurisdictions may be more likely to receive funding and encouraged the group to consider coordinated efforts with other jurisdictions. He requested that each jurisdiction prepare their reports on WORD or submit by e-mail so the information can be cut

and pasted to the final report. He told the group to feel free to contact his office with any questions and added that he or Mrs. Townsend would do whatever they could to answer questions, even if they had to defer to AACOG or their consultants for answers.

The meeting was adjourned at 9:50 a.m.

Meeting notes submitted by: Miki Townsend
Administrative Assistant
Guadalupe County Office of Emergency Management

G.1.19.5 Meeting Presentation

For this meeting, the Guadalupe Mitigation Team used the presentation that appears at the end of this appendix.

G.1.19.6 Other Documentation

The Guadalupe County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.20 Karnes County

Karnes County held their Local Hazard Mitigation Team Meeting on December 2, 2010. The meeting was held at the Ruhmann Franklin Building Auditorium, and was open to the public. The meeting was attended by representatives from the following municipalities in Karnes County:

- City of Falls City
- City of Karnes City
- City of Kenedy
- City of Runge

In addition, a representative from the San Antonio River Authority also attended and participated in the meeting.

G.1.20.1 Meeting Notice

The following press release was sent out regarding the Karnes County Hazard Mitigation Team Meeting. (Note: The copy presented is the best available image.)

12/22/10 10:19AM HP LASERJET FAX p.01

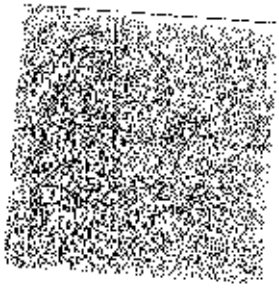
DATELINE—The Karnes County Office of Emergency Management has scheduled a public meeting on it's hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA). The local Hazard Mitigation Team Meeting will be at 4pm, Thursday, Dec. 2, 2010, Ruhmann Franklin Building Auditorium, 303 W. Main St. Kenedy, Texas. This meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the KARNES COUNTY EMERGENCY MANAGEMENT OFFICE, KARNES COUNTY/CITIES OF KARNES CITY, KENEDY, FALLS CITY AND RUNGE officials began work to update the above-mentioned hazard mitigation plan update. The primary intent of this project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury, or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grant dollars are made available to eligible applicants via programs such as hazard mitigation program. With an approved hazard mitigation plan, KARNES COUNTY EMERGENCY MANAGEMENT OFFICE, KARNES COUNTY/CITIES OF KARNES CITY, KENEDY, FALLS CITY, AND RUNGE will be eligible for these competitive grant funds.

For more information on the meeting in general, contact SHELBY DUPNIK, KARNES COUNTY EMERGENCY MANAGER, 830-583-9616, sdupnik@sbcglobal.net.



G.1.20.2 Meeting Attendees

The following table lists the attendees at the Karnes County Mitigation Team Meeting.

Name	Agency/Organization	Jurisdiction	Phone
Karnes County Hazard Mitigation Team Meeting			
Linda Bettin	Falls City Independent School District	City of Falls City	830.254.3551
Duane Dubose	City of Kenedy Police Department	City of Kenedy	830.585.2225
(illegible)	Karnes County Special Projects	Karnes County	830.780.3461
(illegible)	City of Kenedy	City of Kenedy	830.583.2230
Jeff Allen	Karnes City Independent School District	City of Karnes City	830.780.2321, x220
Ford Patton	City of Kenedy	City of Kenedy	830.583.2230
Homer Lott, Jr.	City of Runge	City of Runge	830.299.2500
Georgia Leal	DSHS – Karnes County	State of Texas	830.780.2303
Rafael Arias, Jr.	San Antonio River Authority	Not applicable	210.302.3650
Shelby Dupnik	Karnes County Emergency Management	Karnes County	830.399.1524

G.1.20.3 Other Documentation

No agenda or notes from this meeting were submitted for inclusion in this Plan Update. No information was available as to any presentation used to facilitate the meeting.

The Kanres County Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.21 Kerr County

The City of Kerrville / City of Ingram / Kerr County held their Local Hazard Mitigation Team Meeting on November 23, 2010. The meeting was held at the Kerr County Sheriff's Annex Training Room, and was open to the public. The meeting was attended by representatives from the following municipalities in Kerr County:

- City of Kerrville
- City of Ingram

G.1.21.1 Meeting Notice

APPENDIX G

The following invitation was sent out regarding the City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team Meeting. In addition, both Kerrville and Ingram posted the agenda to announce the meeting as public. (Note: The copy presented is the best available image.)

Pat Dunlap

From: Pat Dunlap
Sent: Wednesday, November 10, 2010 3:17 PM
To: 'cojudge@co.kerr.tx.us'; 'Mayor'; 'jamos@jamosallencrallenen..com'; 'todd.parten@kerrvilletx.gov'; John Young; 'rhderholzer@co.kerr.tx.us'; Clay Benton; 'rrachry@ingramtx.com'; Robert Ojeda; Mark Beavers; Eric Maloney; Amy Ives; 'dscarborough@peterssomme.com'; 'rgarcia@co.kerr.tx.us'; 'kcrowell@co.kerr.tx.us'; 'dan.roxell@kerrvilleisd.net'; 'bhudspeth@ugra.org'; 'maryhelithaney@yahoo.com'; Charlie Hastings; 'rlynch@ingramtx.com'; Bobby Gore; 'jmhewitt@stcc.com'
Subject: Local Hazard Mitigation Team Meeting

Tracking:

Recipient	Delivery	Read
'cojudge@co.kerr.tx.us'		
'Mayor'		
'jamos@jamosallencrallenen..com'		
'todd.parten@kerrvilletx.gov'	Failed: 11/10/2010 3:17 PM	
John Young		
'rhderholzer@co.kerr.tx.us'		
Clay Benton		
'rrachry@ingramtx.com'		
Robert Ojeda		Read: 11/10/2010 3:25 PM
Mark Beavers		Read: 11/10/2010 4:14 PM
Eric Maloney		Read: 11/10/2010 4:05 PM
Amy Ives		Read: 11/10/2010 3:21 PM
'dscarborough@peterssomme.com'		
'rgarcia@co.kerr.tx.us'		
'kcrowell@co.kerr.tx.us'		
'dan.roxell@kerrvilleisd.net'		
'bhudspeth@ugra.org'		
'maryhelithaney@yahoo.com'		
Charlie Hastings		Read: 11/10/2010 3:31 PM
'rlynch@ingramtx.com'		
Bobby Gore		Read: 11/10/2010 4:46 PM
'jmhewitt@stcc.com'		

Dear Colleagues

The Alamo Area Council of Governments is in the process of updating the AACOG Regional Hazard Mitigation Plan, of which the City of Kerrville, City of Ingram and Kerr County are participating jurisdictions. In order for the City of Kerrville, City of Ingram and Kerr County to be eligible for federal hazard mitigation assistance grant programs through FEMA, our local Emergency Management Hazard Mitigation Team has been tasked by AACOG to have a public meeting to discuss and finalize our local area hazard mitigation projects.

In order to prepare for the public meeting, our local Hazard Mitigation Team needs to first meet for the purpose of making sure the Hazard Mitigation Team members are well informed on our local hazard mitigation projects as well as the goals and objectives necessary to achieve them prior to having a public meeting. The local Hazard Mitigation Team meeting will be held on **November 15th, 2010 at 11:00 a.m.** We will be meeting at the **Kerrville Public Library Meeting Room, 505 Water St. The meeting room is directly accessible from the rear parking lot of the library building.**

We will have a public meeting on November 23rd as AACOG is requiring the local Hazard Mitigation Teams to hold a public meeting and report the results back to AACOG by November 30th. I realize these meetings dates are very short notice and I ask your cooperation in fulfilling this obligation.

Your participation and support are greatly appreciated, as is information you can add to the planning process. I ask that you make every effort to attend this meeting.

If you have questions regarding the plan update process or the meeting, please contact me.

Regards

Pat L. Dunlap

12/2/2010

Public Meeting
of
City of Kerrville/City of Ingram/Kerr County Local Hazard Mitigation Team
for
Alamo Area Regional Hazard Mitigation Plan Update

AGENDA

Date: November 23, 2010

Time: 11:00 am

Location: Kerr County Sheriff's Annex Training Room
Physical Address: 402 Clearwater Paseo, Kerrville, TX

Participants:
Pat Tinley, Kerr County Judge
David Wampler, Kerrville Mayor
James Salter, Ingram Mayor
Rusty Hierholzer, Kerr County Sheriff
Clay Barton, Kerr County Chief Deputy Sheriff
Robert Ojeda, Kerrville Fire Chief
Mark Beavers Kerrville Assistant Fire Chief
Rowan Zachry, Ingram City Marshal
John Young, Kerrville Police Chief
Eric Maloney, Kerrville EMS Coordinator
Ray Lynch, Ingram Public Works Director
Charlie Hastings, Kerrville Public Works Director
Bobby Gore, Kerrville Senior Engineering Technician
John Hewitt, Ingram Flood Plain Manager
Amy Ives, Kerrville Health Officer
Darren Scarborough, Peterson Regional Medical Center Safety and Emergency Management Coordinator
Ray Garcia, Kerr County Environmental Health Director
Leonard Odom, Kerr County Road and Bridge Administrator
Dan Troxell, KISD Superintendent
Tara Bushnoe, UGRA Natural Resource Coordinator
Mary Beth Haney, American Red Cross Disaster Services Director
Pat Dunlap, Kerrville Fire Marshal

The facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours prior to this event. Please contact the City Secretary's Office at 830-257-8000 for further information.

I do hereby certify that this notice of meeting was posted on the bulletin board at the city hall of the city of Kerrville, Texas, and said notice was posted on the following date and time: November 17, 2010 at 3:00 pm and remained posted continuously for at least 72 hours preceding the scheduled time of the meeting.

Ted Kinsey

Deputy City Secretary, City of Kerrville, Texas

G.1.21.2 Meeting Attendees

The following table lists the attendees at The City of Kerrville / City of Ingram / Kerr County Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
The City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team			
Mark Beavers	Assistant Emergency Management Coordinator	City of Kerrville Fire Department	City of Kerrville
Clay Barton	Chief Deputy	Kerr County Sheriff's Office	Kerr County
Robert Ojeda	Fire Chief	City of Kerrville Fire Department	City of Kerrville
Connie Lackey	Secretary	City of Kerrville Fire Department	City of Kerrville
Ray Garcia	Director	KCHED	Kerr County
Rusty Hierholzer	Sheriff	Kerr County Sheriff's Office	Kerr County
Pat Dunlap	Fire Marshal	City of Kerrville Fire Department	City of Kerrville
Ray Lynch	Director	City of Ingram Public Works	City of Ingram
Bobby Gore	Senior Engineering Tech	City of Kerrville	City of Kerrville
James Salter	Mayor	City of Ingram	City of Ingram
Tara Bushner	Natural Resources Coordinator	UGRA	NA
Keith Jones	Director EHS	James Avery	NA
Leonard Odom	Administrator	Kerr County Roads and Bridges	Kerr County
Amy Ives	Health Officer	City of Kerrville Environmental Health	City of Kerrville
Rowan Zachry	Marshal	City of Ingram	City of Ingram
Laurie Gagne	Director of Special Programs	Kerrville Independent School District	City of Kerrville
Charlie Hastings	Director	City of Kerrville Public Works	City of Kerrville
Pat Tinley	Judge	Kerr County	Kerr County

G.1.21.3 Meeting Agenda

The following is the agenda used to facilitate The City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team Meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
City of Kerrville / City of Ingram / Kerr County Local Mitigation Team

Location: Kerr County Sheriff's Annex Training Room
402 Clearwater Passeo
Kerrville, TX

Date: November 23, 2010
Time: 11:00am

- Call to Order
- Introductions
- Review and status of mitigation actions from 2005 – 2010 plan
  - Identify actions to completed
  - Identify actions carry over
  - Identified actions to eliminate and reason for elimination
- Identify future mitigation actions
  - Brief description of the action
  - Hazard mitigated
  - Responsible agency
  - Estimated cost
  - Timeline for completion of the action
- Prioritizing projects using Risk Management Methodology - Qualitative
- Review draft of local hazard mitigation projects plan for 2010-2015 for submittal to AACOG
- Adjourn

G.1.21.4 Meeting Notes

The following minutes were taken at the meeting.

CALL TO ORDER:
The meeting/public hearing was called to order by Mark Beavers, Kerrville Assistant Fire Chief

INTRODUCTIONS:
Chief Beavers asked each team member to introduce themselves

MEETING PURPOSE AND HAZARD MITIGATION OVERVIEW:
Chief Beavers explained to those present the purpose of the meeting is to identify and document potential projects that are suitable for future federal funding (grants) administered by the Federal Emergency Management Agency (FEMA), as funds become available. Projects must be focused on reducing the risk of loss of life, injury or property damage due to natural hazards generally referred to as hazard mitigation. Flooding is the most common occurrence at the local level.

REVIEW AND STATUS OF MITIGATION ACTIONS FROM 2005-2010 PLAN:

Pat Dunlap, Kerrville Fire Marshal, provided a Power-Point presentation reviewing the current 2005-2010 Local Hazard Mitigation Action Plan. This plan was updated at a previous meeting. Actions were identified as completed, to be carried over or eliminated from the future plan. All four items on the current plan were evaluated, updated and carried over to the 2010-2015 Local Hazard Mitigation Action Project Plan.

IDENTIFY FUTURE MITIGATION ACTIONS:
At a previous meeting, two new projects were identified and included into the new local hazard mitigation action plan. One, strengthen the integrity of Flat Rock Dam and Ingram Lake Dam, now at $80,000. The Flat Rock Dam project has been completed. Ingram Lake Dam repairs should be completed by the end of December 2010. Sheriff Rusty Hierholzer said the Kerr County Commissioners have budgeted approximately $300,000 toward completing repairs for the Ingram Lake Dam project. Judge Tinley will provide an update on the amounts before the Local hazard mitigation action plan is submitted to AACOG. The second new project is a drainage improvement project for Hill Country Dr. at S.H. 16 in Kerrville. Under the direction of Mr. Charlie Hastings, Kerrville Public Works Director, the City of Kerrville will be working on this project in 2012-2013. Completion of the project will prevent the intersection from flooding, cutting off an access roadway to the hospital. Potential cost of the project is estimated at $750,000.

PRIORITIZATION OF PROJECTS USING RISK MANAGEMENT METHODOLOGY – QUALITATIVE:
At a previous meeting, the Local Hazard Mitigation Team had prioritized the six projects on the 2010-2015 Action Plan utilizing the qualitative risk management methodology instead of STAPLEE, recommended by FEMA. Each project on the Local Hazard Mitigation Action Project Plan was evaluated as follows:

- Potential Impacts to People (life safety, livelihood, etc)
    - Low (ex. Some injury possible but unlikely)
    - Moderate (ex. Injury expected some deaths possible)
    - High (ex. Several deaths expected)

- Potential Impacts to Buildings/Critical Facilities
    - Low (ex. cosmetic damages to structures, < 1 day LOF)
    - Moderate (ex. Some structural damages, 1-2 days LOF)
    - High (ex. Some structures irreparably damaged, > 3-5 days LOF)

- Potential Impacts to Infrastructure
    - Low (ex. Some roads/bridges temporarily blocked, temporary power loss)
    - Moderate (ex. Road/bridge closures, power and utility loss)
    - High (ex. Long term closures, long term power/utility loss).

The Team agreed on the priority ranking of each project. The responsibility of each project was generally assumed by the jurisdiction/jurisdictions in which it is located. The responsible jurisdiction/jurisdictions projected a project completion date if the project was not on-going. Finally, project implementation costs and, where applicable, any annual maintenance costs were estimated and included, and funding sources were identified.

REVIEW DRAFT OF LOCAL HAZARD MITIGATION PROJECTS PLAN FOR 2010-2015 FOR SUBMITTAL TO AACOG:

A discussion followed regarding any other projects to be included in the proposed 2010-2015 Local Hazard Mitigation Action Project Plan which is due to AACOG by December 3, 2010. However, it was pointed out that new projects can be added annually.

The State of Texas is tracking private dams. Envirosoft Technology sells an immediate notification system for flooding at low water bridges. Counties pay for the system and the Texas Department of

Transportation (TXDOT) provides the annual maintenance. Chief Beavers will check to see if this type of project is eligible for a grant. Indian Creek and Hermann Sons bridges could qualify for these systems. Bear Creek at Ingram and Arcadia Loop [Kerrville] would qualify as high priority. The Francisco Lemos Street Bridge is a TXDOT bridge and has a warning system installed. The G Street Bridge is a City of Kerrville bridge and doesn't qualify for TXDOT funds.

There were no other comments from the Team members.
The public hearing was opened to the public for comments at 11:40 a.m. There were no comments from the public present; the public hearing was closed.

G.1.21.5 Other Documentation

The City of Kerrville / City of Ingram / Kerr County Hazard Mitigation Team Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.22 Medina County

Medina County held their Local Hazard Mitigation Team Meeting on November 30, 2010. The meeting was held at the Medina County Courthouse, and was open to the public. The meeting was attended by representatives from the following municipalities in Medina County:

- City of Devine
- City of Hondo
- City of Natalia
- City of Castorville

Due to a scheduling conflict, representative from the City of Lacoste were unable to attend.

G.1.22.1 Meeting Notice

Though the Medina County meeting was open to the public, no formal notice was posted. However, the City of Devine held an additional meeting, which was advertised to the public. (Note: The copy presented is the best available image.)

Notice of Meeting of the
Governing Body of
The City of Devine

Notice is hereby given that a ***Special Meeting/Public Meeting*** *of the governing body of the City of Devine will be held on the* ***7th day of December, 2010 at 4:00 p.m.*** *in the Council Room at City Hall, 303 S. Teel Drive, Devine, Texas at which time the following subjects will be discussed, considered or action taken:*

1. **Call to Order.**
2. **Public Meeting: Hazard Mitigation Program and the 2010 Hazard Mitigation Plan Update.**
3. **Discuss and consider adopting a Resolution for the Texas Department of Rural Affairs under the Texas Community Development Block Grant Program to authorize certain individuals as signatories for contractual documents associated with this grant.**
4. **Adjourn.**

This is to certify that I, Dora V. Rodriguez, posted this Agenda at City Hall, 303 S. Teel Drive, Devine, Texas on ***the 3rd day of December, 2010 at 3:00 p.m.***

Dated this 3rd day of December 2010. *City of Devine*

_____
City Secretary

Pursuant to S.B. No. 1182, City Council Members may make a report about items of Community Interest during a Meeting of the Governing Body without having given notice of the report.

An Executive (Closed) meeting may be held anytime during the public (Open) meeting to consider matters of the sort described in Chapter 551 Subchapter D, Texas Government Code, Vernon's Texas Codes Annotated (The Texas Open Meeting Act).

Final action, decision or vote, if any with respect to any matter considered in the executive (Closed) meeting shall be made in public (Open) meeting following the executive (Closed) meeting or at any subsequent public (Open) meeting duly announced by notice as the Council shall determine.

IMPORTANT NOTICE: Persons with disabilities who plan to attend this meeting and who may need assistance are requested to contact Dora V. Rodriguez at 830-663-2804 forty-eight (48) hours prior to the meeting so that appropriate arrangements can be made.

G.1.22.2 Meeting Attendees

The following table lists the attendees at the Medina County Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
Medina County Hazard Mitigation Team			
Ruby Vera	Mayor	City of Natalia	City of Natalia
Wesley Beck	Emergency Management Coordinator	Medina County	Medina County
Lee McVay	Chief	City of Castroville Police Department	City of Castroville
Pam Muennink, RN	Not provided	Medina County Public Health	Medina County
Donny Whittaker	Not provided	Medina County	Medina County
Timothy Fousse	Director of Public Works and Aviation	City of Hondo	City of Hondo
Jim Barden	Judge	Medina County	Medina County
Esther Lopez	Nor provided	Medina County	Medina County
Rob Flores	Chief	City of Devine Police Department	City of Devine
Darrell Rawlings	Code Compliance Officer / Floodplain Administrator	City of Devine Code Compliance	City of Devine
Pat Brawner	Floodplain Manager	Medina County	Medina County
Kelly George	Hazard Mitigation Planner	Witt Associates	NA
Vince Velasquez	Project Manager	Witt Associates	NA
Mary Ruiz	Homeland Security Manager	AACOG	NA

G.1.22.3 Meeting Agenda

The following agenda was used to facilitate the meeting.

- Introductions
- Kelly introduction on Hazard Mitigation Plan
  - FEMA requirements and back ground of the plan
  - Discussion of the timeline for completion of the plan update
  - Overview of hazards
  - Team talked though and ranked hazards
  - Team discussed and identified critical facilities in county and municipalities
  - Discussion and explanation of the capability assessment
  - Review of mitigation actions from the 2005 plan
    - Review of existing actions
    - Identification of completed actions
    - Discussion of new/additional actions
    - Prioritization of all actions

G.1.22.4 Other Documentation

The Medina County Hazard Mitigation Team Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

G.1.23 Wilson County

Wilson County held their Local Hazard Mitigation Team Meeting on November 22, 2010. The meeting was held at the Wilson County Commissioner's Court, and was open to the public. The meeting was attended by representatives from the following municipalities in Wilson County:

- City of Stockdale

In addition, a representative from the San Antonio River Authority also attended and participated in the meeting.

G.1.23.1 Meeting Notice and Agenda

The following notice was posted regarding the City Wilson County Hazard Mitigation Team Meeting. The public notice also served as the agenda for the meeting. In addition, an invitation was sent to stakeholders, to notify them of the meeting. (Note: The copy presented is the best available image.)

EVA S. MARTINEZ
COUNTY CLERK
P.O. BOX 27
FLORESVILLE, TX. 78114
830 393 7308

COUNTY OF WILSON

THERE WILL BE A REGULAR MEETING OF THE WILSON COUNTY COMMISSIONERS' COURT IN THE WILSON COUNTY COMMISSIONERS' COURTROOM, IN FLORESVILLE, TEXAS ON MONDAY, NOVEMBER 22, 2010 AT 9:00 A.M.

AGENDA

1. CALL MEETING TO ORDER PRAYER AND PLEDGE TO THE AMERICAN AND TEXAS FLAGS.
2. PUBLIC COMMENT
3. CERTIFICATES OF COMPLETION
4. BARBARA BURDETTE - WILSON COUNTY CHILDRENS SERVICES
   APPROVE NEW BOARD MEMBER
5. SANDRA GUERRA - APPOINTMENT OF LOCAL HEALTH AUTHORITY, TWO YEAR TERM, TO THE TEXAS DEPARTMENT STATE HEALTH SERVICES REGION 8.
6. RENEWAL OF TERM MEMBERSHIP TO THE BOARD OF DIRECTORS OF ALAMO AREA COUNCIL OF GOVERNMENTS.
7. LEANN HOSEK, EMC
   a. UPDATE ON OIL AND GAS DEVELOPMENT
      i.) REQUIREMENTS FOR DEVELOPMENT IN THE FLOODPLAIN
      ii.) OIL AND GAS UTILITY PERMITS FOR LINES CROSSING COUNTY ROADS DISCUSS AND TAKE ACTION
      iii.) HEAVY LOAD/OVERWEIGHT VEHICLE PERMITING - SET DATE FOR MEETING
   b. UTILITY PERMIT #392 - EOG RESOURCES, INC. - COUNTY ROAD 246 - PCT.#2 REVIEW AND APPROVE
   c. UTILITY PERMIT #393 - EOG RESOURCES, INC. - COUNTY ROAD 247 - PCT.#2 REVIEW AND APPROVE
   d. WILSON COUNTY PERMIT FEES - UPDATE FEE SHEET - REVIEW AND APPROVE
   e. 2010 SOLID WASTE GRANT
      i.) UPDATE
      ii.) SCHEDULE ANOTHER EVENT
   f. REGIONAL MITIGATION PLAN WORKSHOP
      i.) MEETING PURPOSE & HAZARD MITIGATION OVERVIEW
      ii.) IDENTIFY CURRENT MITIGATION ACTIONS
         A. IDENTIFY ACTIONS TO CARRY OVER
         B. IDENTIFY ACTION COMPLETED
         C. IDENTIFY ACTIONS TO ELIMINATE AND REASON FOR ELIMINATION
      iii.) IDENTIFY FUTURE MITIGATION ACTIONS
      iv.) PRIORITIZE PROJECTS USING STAPLEE
      v.) CONCLUSION AND ALTERNATIVE METHODS
      vi.) PRIORITIZATION OF IDENTIFIED MITIGATION ACTIONS
8. FINANCIAL REPORT
9. PAYROLL/PERSONNEL CHANGES
10. BILLS
11. ADJOURNMENT

COMMISSIONERS' COURT RESERVES THE RIGHT TO GO INTO EXECUTIVE SESSION PURSUANT TO

Office of Emergency Management
LeAnn Hosek, EMC/911 Coordinator
800 Tenth St., Bldg. B
Floresville, Texas 78114-2200
830.393.8351 fax: 830.393.8379
leannema@felpsis.net

November 10, 2010

Dear Hazard Mitigation Team Members,

The Alamo Area Council of Governments is in the process of updating the AACOG Regional Hazard Mitigation Plan, of which Wilson County is a participating jurisdiction. Made possible by a grant provided through the Texas Division of Emergency Management and the Federal Emergency Management Agency, the plan update will build upon the current approved plan.

The plan update will identify and document potential mitigation opportunities within the County focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying projects suitable for future federal funding as it becomes available and will address past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation team, to conduct a workshop so that we may review the mitigation actions from the previous plan, identify any new mitigation actions that would benefit the community, and prioritize the actions for inclusion in the plan update. This workshop will be held during the regularly scheduled Commissioners Court Meeting on Monday, November 22, 2010 at 9:00 am. This workshop will be the last item on the Commissioners Court meeting agenda. The meeting agenda will be forwarded to you once it is posted.

Your participation and support are greatly appreciated, as is information you can add to the planning process. I ask that you make every effort to attend this meeting.

If you have questions regarding the plan update process or the meeting, please contact me at 830-393-8351/8357.

Cordially,

LeAnn Hosek, EMC/911 Coordinator

G.1.23.2 Meeting Attendees

The following table lists the attendees at the Wilson County Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
Wilson County Hazard Mitigation Team			
LeAnn Hosek	Emergency Management Coordinator	Wilson County Emergency Management	Wilson County
Tom Repino	EMG	CMMC	Not provided
Debra Conoly	Resident	NA	Wilson County
Reha Cimen	Project Manager	San Antonio River Authority	San Antonio River Authority
Albert Gamez, Jr.	Commissioner	Wilson County	Wilson County
Leonard Rotter	Commissioner	Wilson County	Wilson County
Bobby Lynn	Commissioner	Wilson County	Wilson County
Ray Wolff	Auditor	Wilson County	Wilson County
Tom Prusk	Resident	NA	Wilson County
Larry Wiley	Commissioner	Wilson County	Wilson County
Edwin Baker	H&PSO	WCFM	Wilson County
Ralph Gerhardt	Resident	NA	Wilson County
Joe Tackitt, Jr.	Sheriff	Wilson County Sheriff's Office	Wilson County
Mike Hansen	Not provided	Not provided	Wilson County
Banks Akin	City Manager	City of Stockdale	City of Stockdale
Rafael Arias Jr	Engineer	San Antonio River Authority	San Antonio River Authority
Eva Martinez	County Clerk	Wilson County	Wilson County

G.1.23.3 Meeting Minutes

The following excerpt from the minutes of the County Commission meeting pertains to the Wilson County Hazard Mitigation Team.

IN THE MATTER OF REGIONAL MITIGATION PLAN
Item #7f(I,ii.A,B,C,iii,iv,v,vi) Regional Mitigation Plan Workshop

G.1.23.4 Other Documentation

The Wilson County Hazard Mitigation Team Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 9 of this Plan Update.

The City of Stockdale submitted their list of actions separate from the County's list. Stockdale's list also appears in Section 8 of this Plan Update.

G.1.24 City of La Vernia (Wilson County)

The City of La Vernia held their Local Hazard Mitigation Team Meeting on December 17, 2010. The meeting was held at the La Vernia City Hall, and was open to the public.

G.1.24.1 Meeting Notice

The following item was published in the La Vernia News, announcing the City of La Vernia Hazard Mitigation Team Meeting. (Note: The copy presented is the best available image.)



LVNews 12/16/10

Classifieds

Pag

Public Notice

More public notice, p. 12

NOTICE OF PUBLIC MEETING

The City of La Vernia Emergency Management Office has scheduled a public meeting on its hazard mitigation plan update as part of a grant program administered by the Federal Emergency Management Agency (FEMA). The Local Hazard Mitigation Team Meeting will be at 9:00 a.m., Friday, December 17, 2010 at the La Vernia City Hall, 102 E. Chihuahua Street, La Vernia, Wilson County, Texas. This meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard Mitigation Plan Update.

Under the direction of the City of La Vernia Emergency Management Office, officials began work to update the above-mentioned hazard mitigation plan update. The primary intent of this project is to identify and document potential projects that are suitable for future federal funding as it becomes available. The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigation plan, La Vernia, Wilson County, Texas will be eligible for those competitive grant funds.

For more information on the meeting in general, contact Chief Robert Hyatt, Emergency Management Coordinator at 830.779.4541 Ext 1.

G.1.24.2 Meeting Attendees

The following table lists the attendees at the City of La Vernia Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of La Vernia Hazard Mitigation Team			
Harold Schott	Mayor	City of La Vernia	City of La Vernia
Jennifer Moczygemba	Commissioner	City of La Vernia Planning and Zoning Commission	City of La Vernia
Bobby Hyatt	Chief	City of La Vernia	City of La Vernia
Danny Pitts	Not provided	Not provided	City of La Vernia
Angela Cantu	Secretary / Treasurer	City of La Vernia	City of La Vernia
Janet Thelen	Officer	City of La Vernia Code Enforcement	City of La Vernia

G.1.24.3 Meeting Agenda

The following agenda was used to facilitate the meeting.

Alamo Area Regional Hazard Mitigation Plan Update Meeting
City of La Vernia Local Mitigation Team

La Vernia City Hall
102 E. Chihuahua Street
La Vernia, Wilson County, Texas

Date – December 17, 2010-
Time - 9:00 A.M.

- Introductions
- Meeting Purpose & Hazard Mitigation Overview
- Identify current mitigation actions
  - Identify actions to carry over
  - Identify actions completed
  - Identify actions to eliminate and reason for elimination
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods
- Prioritization of identified mitigation actions
- Adjourn

G.1.24.4 Meeting Presentation

For this meeting, the City of La Vernia Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.24.5 Other Documentation

The City of La Vernia Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.25 City of Floresville (Wilson County)

The City of Floresville held their Local Hazard Mitigation Team Meeting on November 18, 2010. The meeting was held at the Floresville City Hall, and was open to the public.

G.1.25.1 Meeting Notice

The following notice was posted to inform the public about the City of Floresville's Hazard Mitigation Team Meeting. (Note: The copy presented is the best available image.)

PUBLIC HEARING

November 18, 2010 – The Floresville Police Department has scheduled a public meeting on its hazard mitigation plan update as part of a grant program administered by the Federal Emergency management Agency (FEMA). The Local Hazard Mitigation Team Meeting will be at 6:00 p.m. on Thursday, November 18, 2010, at Floresville City Hall Chamber room. This meeting will give the public an opportunity to learn more about the hazard mitigation program and the 2010 Hazard mitigation Plan Update.

Under the direction of the Floresville Police Department, City of Floresville officials began work to update the above mentioned hazard mitigation plan update. The primary intent of this project is to identify and document potential projects that are suitable for future federal funding as it becomes available.

The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This updating process includes input from a Local Hazard Mitigation Team made up of community stakeholders.

Each year, millions of federal homeland security grants dollars are made available to eligible applicants via programs such as the hazard mitigation program. With an approved hazard mitigations plan, Wilson County will be eligible for these competitive grant funds.

For more information on the meeting in general, contact Jesse Evins, Floresville Police Department, 830-393-3105.

G.1.25.2 Meeting Attendees

The following table lists the attendees at the City of Floresville Hazard Mitigation Team Meeting.

Name	Title	Agency/Organization	Jurisdiction
City of Floresville Hazard Mitigation Team			
Jesse Evins	Lieutenant	City of Floresville Police Department	City of Floresville
Vicente Griego	Director	City of Floresville Public Works	City of Floresville
Cyndi Nichols	Floodplain Coordinator	City of Floresville	City of Floresville
Daniel Martinez	Chief	City of Floresville Police Department	City of Floresville
Lorenzo Ortiz	Chief	City of Floresville Volunteer Fire Department	City of Floresville

G.1.25.3 Meeting Agenda

The following agenda was used to facilitate the meeting.

- Introductions
- Meeting purpose and hazard mitigation overview
- Identify current mitigation actions
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods

G.1.25.4 Meeting Presentation

For this meeting, the City of Floresville Hazard Mitigation Team used the presentation that appears at the end of this appendix.

G.1.25.5 Other Documentation

The City of Floresville Hazard Mitigation Team Meeting produced the prioritized mitigation actions found in Section 8 of this Plan Update.

No notes or minutes were taken during the meeting.

G.1.26 San Antonio River Authority

While not a governing jurisdiction, the San Antonio River Authority (SARA) was an active participant in this Plan Update. Representatives from SARA attended and participated in Hazard Mitigation Team Meetings in those areas where they are the most active, specifically:

- Bexar County
- Karnes County
- Wilson County

In addition, SARA also compiled and submitted mitigation actions for inclusion in this Plan Update. These prioritized actions can be found in Section 9 of this Plan Update.

G.2 Local Mitigation Team Meeting Presentation

To facilitate and expedite the local meeting process, each participating jurisdiction was provided with a packet of sample documents and templates, to aid in the facilitation of their meeting. The packet included the following items:

- A handout describing a variety of mitigation project types
- A sample press release/public notice
- A template table for mitigation action items
- A sample invitation letter
- A sample agenda
- A sample presentation to facilitate the meeting

The sample presentation that was provided to the participating jurisdictions appears on the following pages. Participants were encouraged to customize the presentation for their use.

1/7/2011

AACOG Regional Hazard Mitigation Plan Update

Local Hazard Mitigation Team Meeting
(INSERT MUNICIPALITY OR COUNTY)
(INSERT DATE)

Agenda

- Introductions
- Meeting Purpose & Hazard Mitigation Overview
- Identify current mitigation actions
- Identify future mitigation actions
- Prioritizing projects using STAPLEE
- Conclusion and alternative methods

Purpose of Today's Meeting:

To identify and prioritize mitigation actions and measures.

The following slides start with examples of mitigation concepts and measures and conclude with an overview of the preferred FEMA method for mitigation action prioritization, STAPLEE.

What is "Hazard Mitigation"?

Any measures undertaken to reduce the risks posed by natural and/or manmade hazards on a place and its population.



Hazard Mitigation Measures



Hazard mitigation measures include projects that limit hazard impacts, such as levees, dams, or safe rooms







Hazard Mitigation Measures

Also, projects that move assets out of harm's way, like acquisition or elevation of buildings, or burying utilities





1

1/7/2011

Hazard Mitigation Measures

...or training and educational programs for communities, the public and local agencies



Hazard Mitigation Measures



...and regulatory practices like enacting or enforcing building codes, permits, or land use policies

Identify Current Mitigation Actions

Provide information regarding Mitigation Actions from 2005 Plan

The 2005 plan is downloadable from AACOG's website (www.aacog.com)

Identify Additional Mitigation Actions and Measures

When thinking of mitigation actions keep the broad context of your decisions in mind by asking these questions :

- What hazards present the greatest risk to your county or municipality?
- What are the most effective ways to reduce those risks?

Identify Future Mitigation Actions and Measures

Refer to and review your handouts:

•Mitigation Project Types

•Mitigation Project Type Table (Sample)

Complete the Mitigation Project Type Table (handwriting is okay, as long as it's legible)

Prioritizing Mitigation Actions - STAPLEE

Now that the projects have been identified, the projects must be prioritized. FEMA recommends using the STAPLEE criteria to identify, evaluate, and prioritize proposed mitigation actions, based on existing local conditions. It stands for:

Social
Technical
Administrative
Political
Legal
Economic
Environmental

1



1/7/2011

STAPLEE – Safe Room Example

Use STAPLEE to consider the construction of a stand-alone safe room, to protect 100 residents of a mobile home park during extreme wind events.

The safe room would be maintained by the community, and would be constructed on land donated by the park's owner.

The project is anticipated to cost $2M, and is expected to be partially funded through an HMGP grant. The non-federal cost share is anticipated to be $500k, cash and in-kind.

The first area to look at is the associated **social** considerations ...

STAPLEE – Social

The public must support the overall implementation strategy and the specific mitigation action.

Actions must be evaluated in terms of the community's acceptance of them.

We can safely presume the public would support a life saving measure for an at risk community.

However, is the measure **technically** feasible? (i.e., is it capable of being built in the location available?)

STAPLEE – Technical

Mitigation actions must:

- Be technically feasible;
- Be capable of long-term loss reduction; and
- Have minimal secondary impacts.

•Actions should either solve a problem, or provide a partial solution to a problem.

Safe rooms prevent the loss of life in extreme wind events and are typically a cost-effective measure if developed with the correct technical approach. For example, just one of the technical considerations to keep in mind is the location of the structure, it should not be in a Special Flood Hazard Area, and it must be readily accessible to the people it is intended to protect.

Can the community provide the necessary **administrative** resources for the project?

STAPLEE – Administrative

Consider the capability of the municipality to provide the following support:

Does the community have the capability to implement and manage the action without negatively impacting normal operations?

Does the community have the capability to manage the financial portion of the action?

Does the community have the capability to maintain the action after completion?

Will the community need to hire/contract for additional staff to implement/manage the action?

Once these questions are answered, what are the **political** considerations?

STAPLEE – Political

Proposed mitigation actions sometimes fail due to a lack of political acceptability and support.

Is the action likely to be politically unpopular?

Is the action likely to have political support?

Is the action likely to become abnormally political?

If the political environment is not prohibitive, **legal** considerations should be evaluated.

STAPLEE – Legal

Is the proposed location within the municipality or county's jurisdiction?

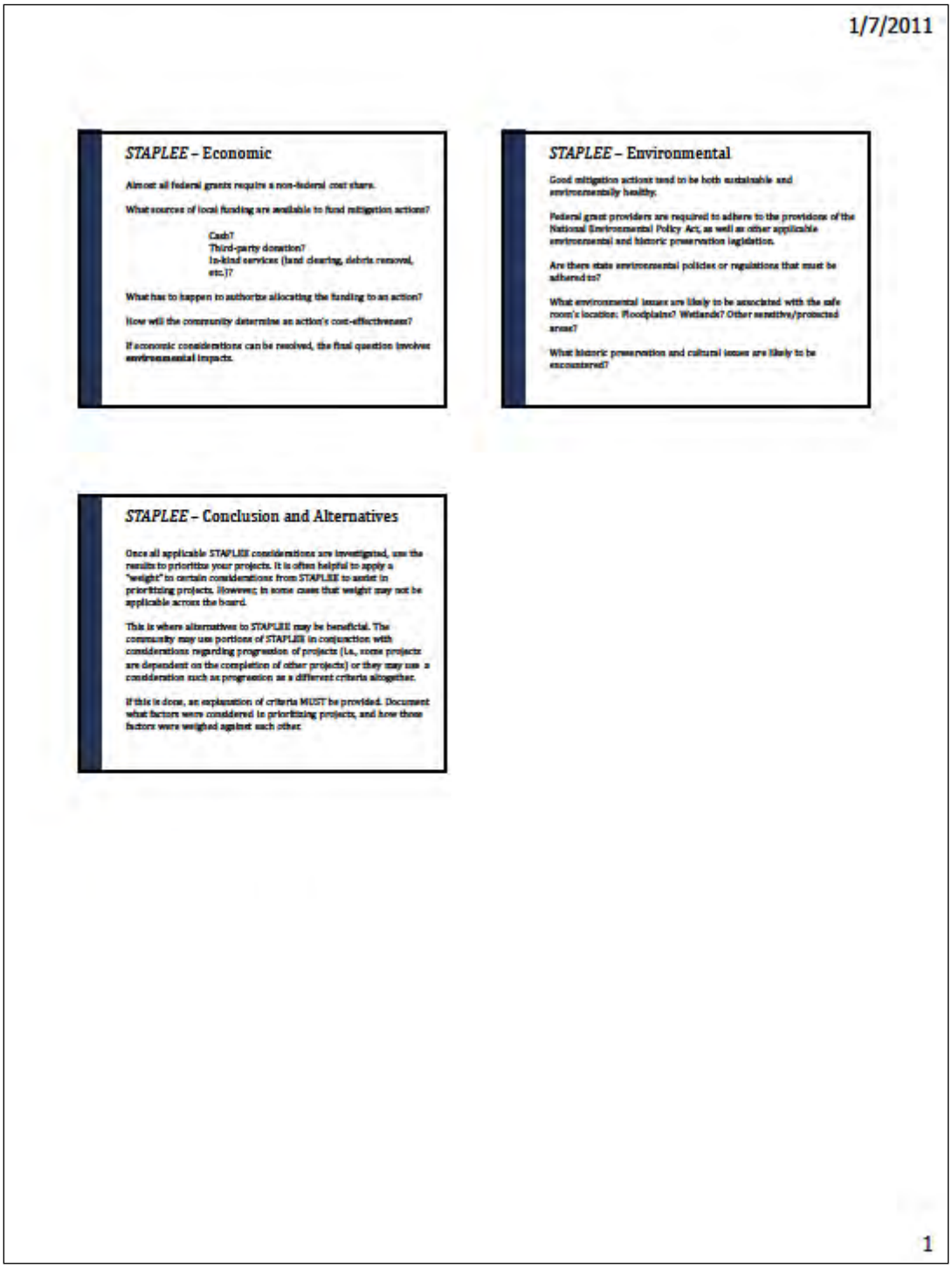
Does the land owner have the authority to donate the land? (no back taxes, liens, mortgages, etc.)

Who will be responsible for donation costs (appraisals, closing, attorney's fees, etc)?

Is the municipality the correct entity to implement the action, or would be action be better served by another entity?

If the community can satisfactorily address the legal considerations, the next consideration is **economic.**

1



1/7/2011

STAPLEE – Economic

Almost all federal grants require a non-federal cost share.

What sources of local funding are available to fund mitigation actions?

Cash?
Third-party donation?
In-kind services (land clearing, debris removal, etc.)?

What has to happen to authorize allocating the funding to an action?

How will the community determine an action's cost-effectiveness?

If economic considerations can be resolved, the final question involves environmental impacts.

STAPLEE – Environmental

Good mitigation actions tend to be both sustainable and environmentally healthy.

Federal grant providers are required to adhere to the provisions of the National Environmental Policy Act, as well as other applicable environmental and historic preservation legislation.

Are there state environmental policies or regulations that must be adhered to?

What environmental issues are likely to be associated with the safe room's location: Floodplains? Wetlands? Other sensitive/protected areas?

What historic preservation and cultural issues are likely to be encountered?

STAPLEE – Conclusion and Alternatives

Once all applicable STAPLEE considerations are investigated, use the results to prioritize your projects. It is often helpful to apply a "weight" to certain considerations from STAPLEE to assist in prioritizing projects. However, in some cases that weight may not be applicable across the board.

This is where alternatives to STAPLEE may be beneficial. The community may use portions of STAPLEE in conjunction with considerations regarding progression of projects (i.e., some projects are dependent on the completion of other projects) or they may use a consideration such as progression as a different criteria altogether.

If this is done, an explanation of criteria MUST be provided. Document what factors were considered in prioritizing projects, and how those factors were weighed against each other.

1

Meeting Presentations

Contents of this Section

F.1 Kickoff Meeting Presentation
F.2 Meeting #2 Presentation
F.3 Meeting #3 Presentation

This appendix contains information regarding the Executive Committee meetings. For information regarding the local Hazard Mitigation Team meetings, please see Appendix G.

Prior to the commencement of the plan development meetings, the 2005 planning process was analyzed and discussed by the consultants and AACOG. It was determined that the process to develop the 2010 Plan Update would be designed to be as similar to the 2005 process as possible, to ensure continuity and familiarity among the participants.

Wherever possible and practical, discussion, exercises and decisions were held or made using comparative information from the 2005 Plan with the results of the 2010 Plan Update development process. Evidence of this comparison can be found in the slide presentations that follow.

F.1 Kickoff Meeting Presentation

This section contains the presentation used to facilitate the Kickoff Meeting, held June 18, 2010.


WITT
AACOG Regional Hazard Mitigation Plan Update
Meeting # 1
June 18, 2010
Agenda
WITT
Introductions
Benefits of Participation
Hazard Mitigation Planning Overview
Hazard Overview
Data Requests
Mitigation Project Types
Next Steps
Benefits of Participating
WITT
$1 in mitigation saves $4 in recovery costs*
1955-2005, mitigation measures prevented 220 deaths and 4,700 injuries*
For every eligible $1 spent locally on FEMA-funded grant projects, the feds pay $3-$9
Opportunity to lower flood insurance premiums
* Source: The Multi-hazard Mitigation Council, "Hazard Mitigation Saves," 2005 an independent review of FEMA mitigation activities
Benefits of Participating
WITT
Eligibility for pre-disaster grant programs (PDM, FMA, SRL, RFC)
Eligibility for post-disaster grant programs (HMGP, certain PA categories)
Break the cycle of destruction followed by increasingly costly recoveries
What is "Hazard Mitigation"?
WITT
Any measures undertaken to reduce the risks posed by natural and/or human-caused hazards on a place and its population.
Hazard Mitigation Measures
WITT
Hazard mitigation measures include projects that limit hazard impacts, such as levees, dams, or safe rooms


Hazard Mitigation Measures
WITT
Also, projects that move assets out of harm's way, like acquisition or elevation of buildings, or burying utilities
Hazard Mitigation Measures
WITT
...or training and educational programs for communities and local agencies
Hazard Mitigation Measures
WITT
...regulatory practices like enacting or enforcing building codes, permits, or land use policies
How is the Plan Updated?
WITT
Organize resources, including agencies & people
Assess risks
Identify mitigation opportunities & priorities
Develop plan
Implement plan
(Graphic shows the process as recommended by FEMA.)
Updating a Hazard Mitigation Plan
WITT
It boils down to two basic questions:
What hazards present the greatest risk to AACOG and its jurisdictions?
What are the most effective ways to reduce those risks?
Hazard Identification Worksheet
WITT

Mitigation Project Types

WITT

Wet Floodproofing:

- Modifying uninhabited portions of the structure to allow floodwaters to enter without causing significant damage
- Materials must be water resistant
- Not practical for most slab-on-grade structures with living space near ground level
- Does not reduce damage from high velocity floods
- Only appropriate in limited situations

Mitigation Project Types

WITT

Wet Floodproofing:



Mitigation Project Types

WITT

Dry Floodproofing:

- Making the structure watertight below the level that needs flood protection
- Requires sealing the walls and providing waterproof closures for any openings such as doors
- Effective for low duration flooding with depths under 3 feet
- Not effective for high velocity flooding

Mitigation Project Types

WITT

Dry Floodproofing:



Mitigation Project Types

WITT

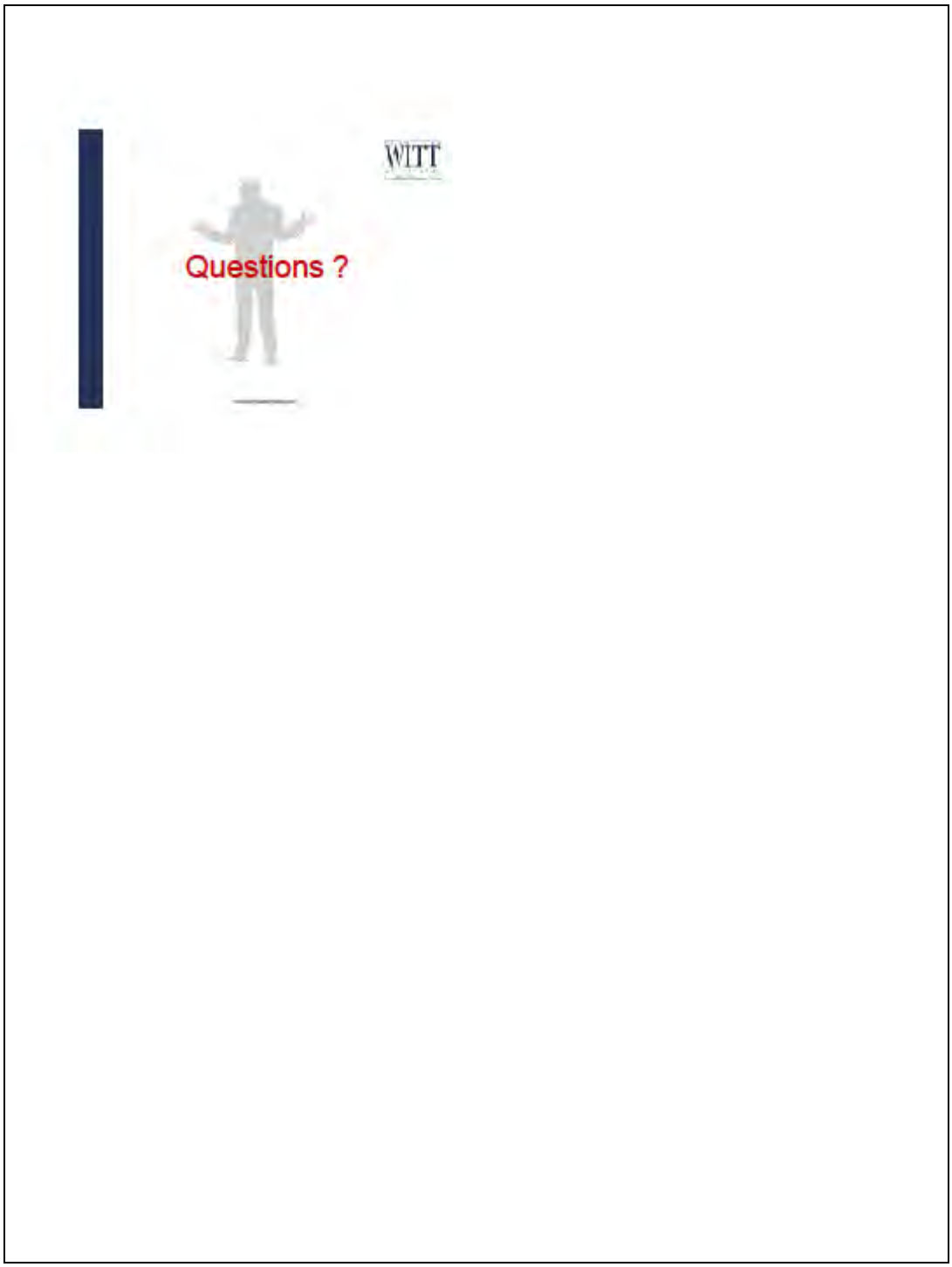
Community Shelters:

- A structure that is:
  1. accessible to the public, and
  2. built to withstand extreme winds and flying debris from tornadoes, hurricanes, and other storms
- Guidelines can be found in FEMA 361
- Effective for low duration flooding with depths under 3 feet
- The shelter cannot be used for anything else

Important Dates

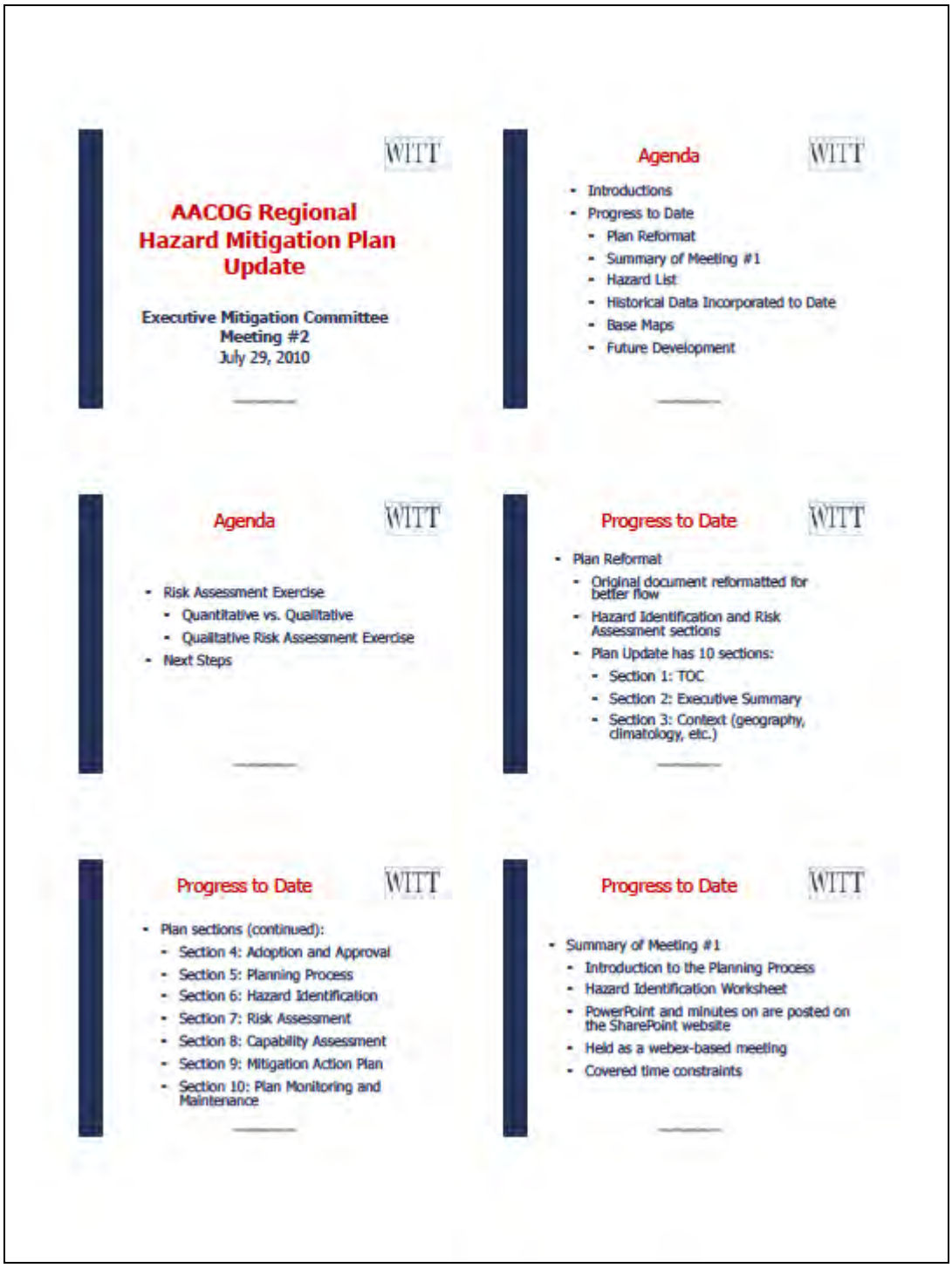
WITT

Steering Committee Meeting #2	Web Mtg, July 6
Jurisdictional Meetings	July 29 & 30
Steering Committee Meeting #3	August 18
Draft for Review	August


WITT
Questions ?

F.2 Meeting #2 Presentation

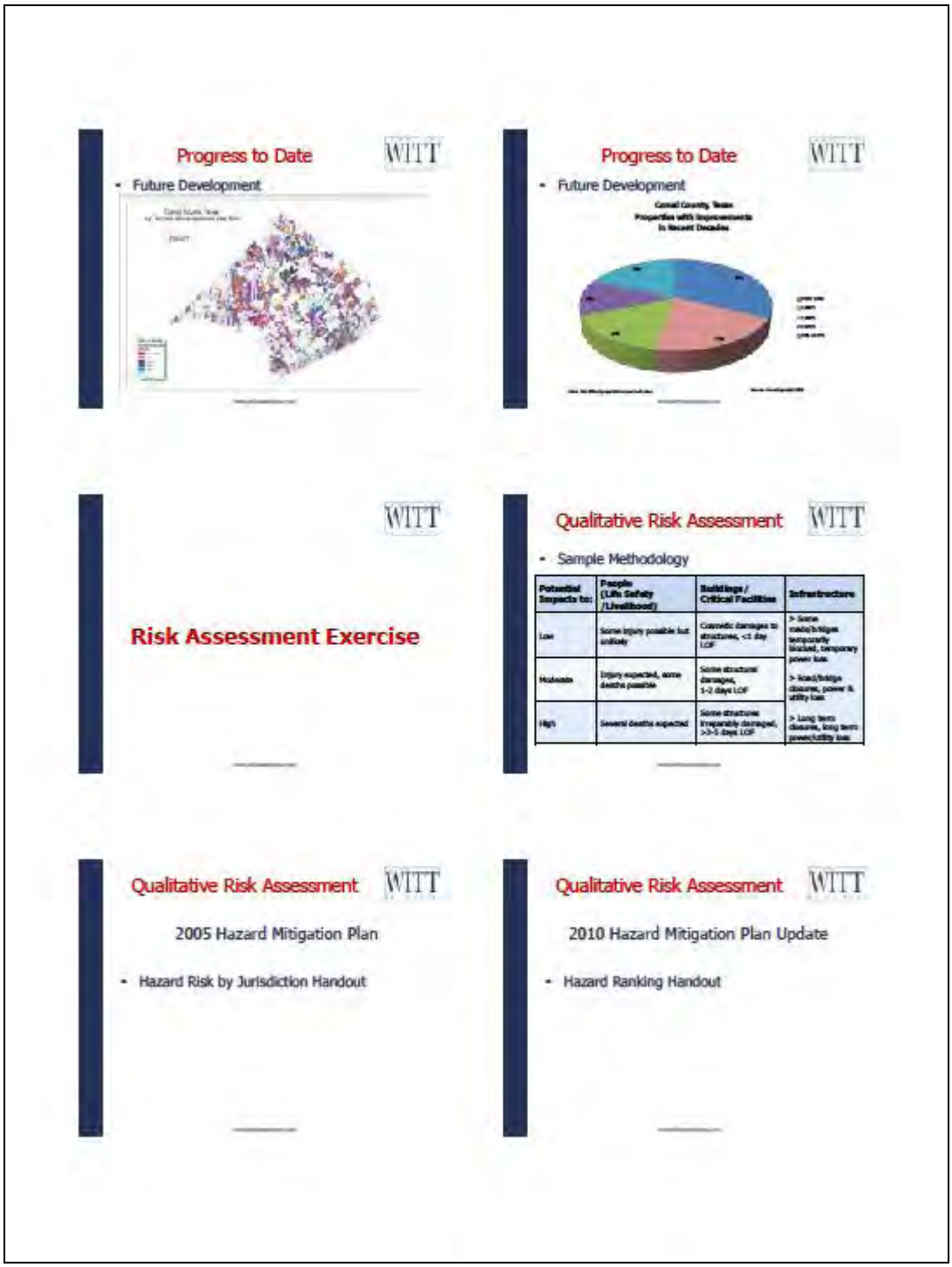
This section contains the presentation used to facilitate Meeting #2, held July 29 and 30, 2010. The same presentation was used to facilitate both sessions of the meeting.

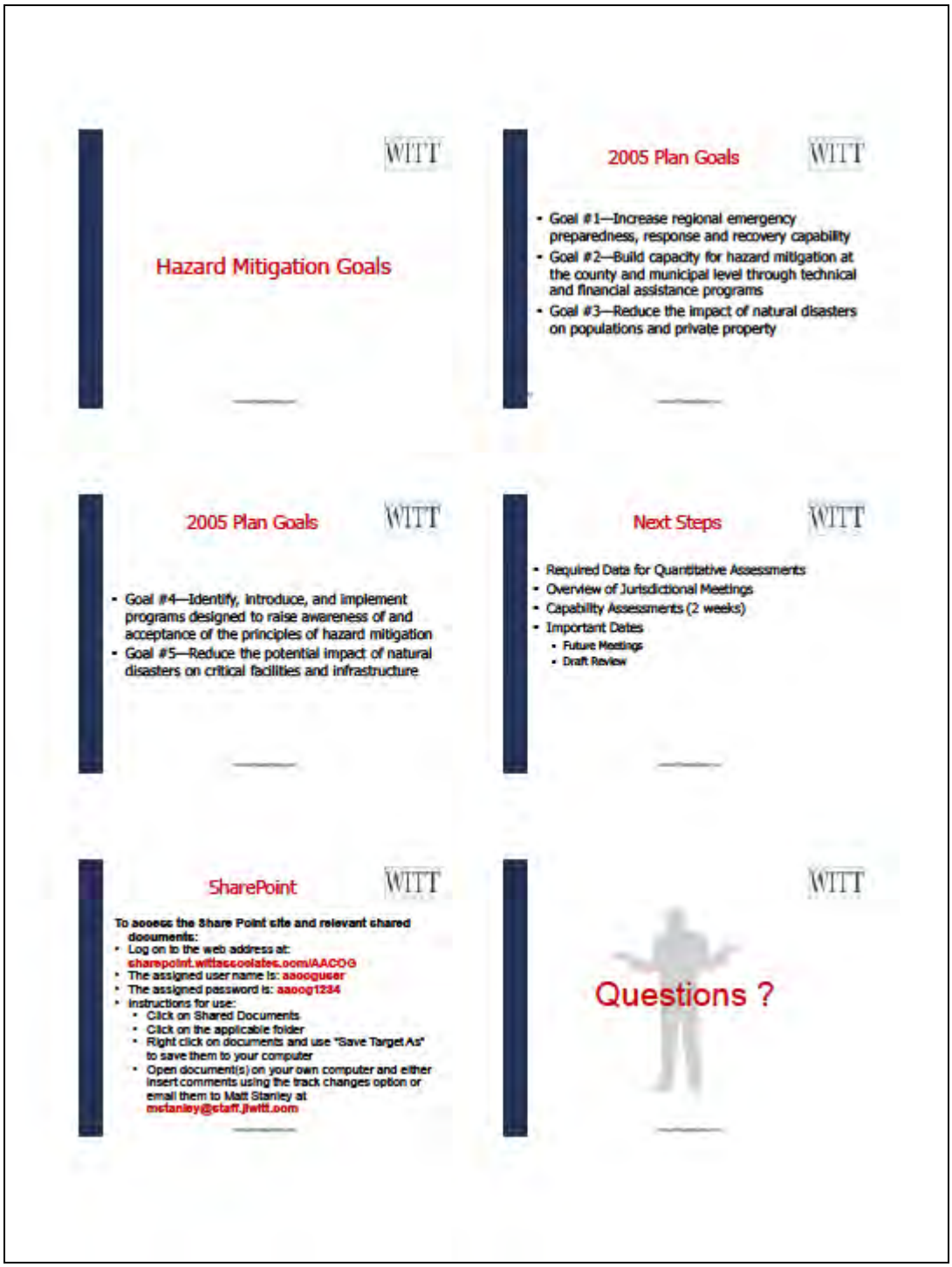

WITT
AACOG Regional Hazard Mitigation Plan Update
Executive Mitigation Committee Meeting #2
July 29, 2010
WITT
Agenda
Introductions
Progress to Date
Plan Reformat
Summary of Meeting #1
Hazard List
Historical Data Incorporated to Date
Base Maps
Future Development
WITT
Agenda
Risk Assessment Exercise
Quantitative vs. Qualitative
Qualitative Risk Assessment Exercise
Next Steps
WITT
Progress to Date
Plan Reformat
Original document reformatted for better flow
Hazard Identification and Risk Assessment sections
Plan Update has 10 sections:
Section 1: TOC
Section 2: Executive Summary
Section 3: Context (geography, climatology, etc.)
WITT
Progress to Date
Plan sections (continued):
Section 4: Adoption and Approval
Section 5: Planning Process
Section 6: Hazard Identification
Section 7: Risk Assessment
Section 8: Capability Assessment
Section 9: Mitigation Action Plan
Section 10: Plan Monitoring and Maintenance
WITT
Progress to Date
Summary of Meeting #1
Introduction to the Planning Process
Hazard Identification Worksheet
PowerPoint and minutes on are posted on the SharePoint website
Held as a webex-based meeting
Covered time constraints


Progress to Date
WITT
Hazard List
Flood (Flash and Riverine)
Flood (Levee and Dam Failure)
Tornado
Tropical Systems and Hurricanes
Thunderstorms
Drought
Hail
Progress to Date
WITT
Hazard List (continued)
Wildfire
Winter Storms
Earthquakes and Sinkholes
Energy Pipeline Failures
Hazardous Materials Incidents (Transportation and Fixed Site)
Pandemic (Human and Animal)
Progress to Date
WITT
Historical Data Incorporated to Date
Data Requests
NCDC Data
Presidential Declarations
Local Mitigation Teams
Status of Existing Mitigation Actions
Local Plans and Studies
Progress to Date
WITT
NCDC Data - Atascosa
29 Flash Flood
14 Hail
1 High Wind
1 Lightning
8 Thunderstorm Wind
1 Winter Storm
Progress to Date
WITT
NCDC Data - Bandera
37 Flash Flood
3 Flood
18 Hail
1 Lightning
1 High Wind
5 Thunderstorm Wind
1 Winter Storm
Progress to Date
WITT
NCDC Data - Bexar
1 Cold/Windchill
61 Flash Flood
16 Flood
3 Funnel Cloud
48 Hail
1 Heat
1 Strong Wind
23 Thunderstorm Wind
5 Tornado
1 Winter Weather


Progress to Date
WITT
NCDC Data - Comal
39 Flash Flood
4 Flood
1 Funnel Cloud
11 Hail
1 Lightning
4 Thunderstorm Wind
1 Tornado
3 Winter Storm
Progress to Date
WITT
NCDC Data - Frio
35 Flash Flood
5 Flood
13 Hail
1 Strong Wind
3 Thunderstorm Wind
Progress to Date
WITT
NCDC Data - Gillespie
31 Flash Flood
34 Hail
5 Thunderstorm Wind
3 Tornado
2 Winter Storm
Progress to Date
WITT
NCDC Data - Guadaloupe
1 Drought
34 Flash Flood
3 Floods
11 Hail
3 Heavy Snow
113 High Wind
1 Ice Storm
1 Lightning Event
1 Strong Wind
5 Thunderstorm Wind
2 Tornado
2 Winter Storm
1 Winter Weather/Mix
Progress to Date
WITT
NCDC Data - Goliad
10 Flash Flood
6 Hail
27 Drought
1 Heavy Snow
1 Excessive Heat
1 Frost/Freeze
1 Winter Weather
1 Tornado
2 Wildfire
Progress to Date
WITT
NCDC Data - Karnes
25 Flash Flood
7 Flood
1 Funnel Cloud
7 Hail
1 Heavy Snow
1 Thunderstorm Wind
1 Tornado


Progress to Date
WITT
NCDC Data - Kerr
23 Flash Flood
4 Flood
34 Hail
1 Heavy Rain
1 High Wind
7 Thunderstorm Wind
1 Winter Storm
Progress to Date
WITT
NCDC Data - Medina
39 Flash Flood
3 Flood
19 Hail
1 High Wind
10 Thunderstorm Wind
3 Tornado
1 Wind Storm
Progress to Date
WITT
NCDC Data - Wilson
27 Flash Flood
1 Funnel Cloud
3 Hail
8 Thunderstorm Wind
1 Tornado
1 Winter Storm
Progress to Date
WITT
Presidential Disaster Declarations
Hurricane Rita 09/24/05
Wildfire 01/11/06
Storm Flood 06/29/07 (Medina County)
Tropical Storm Erin 10/02/07 (Bexar, Kendall, Medina Counties)
Progress to Date
WITT
Base Map
Progress to Date
WITT
Future Development

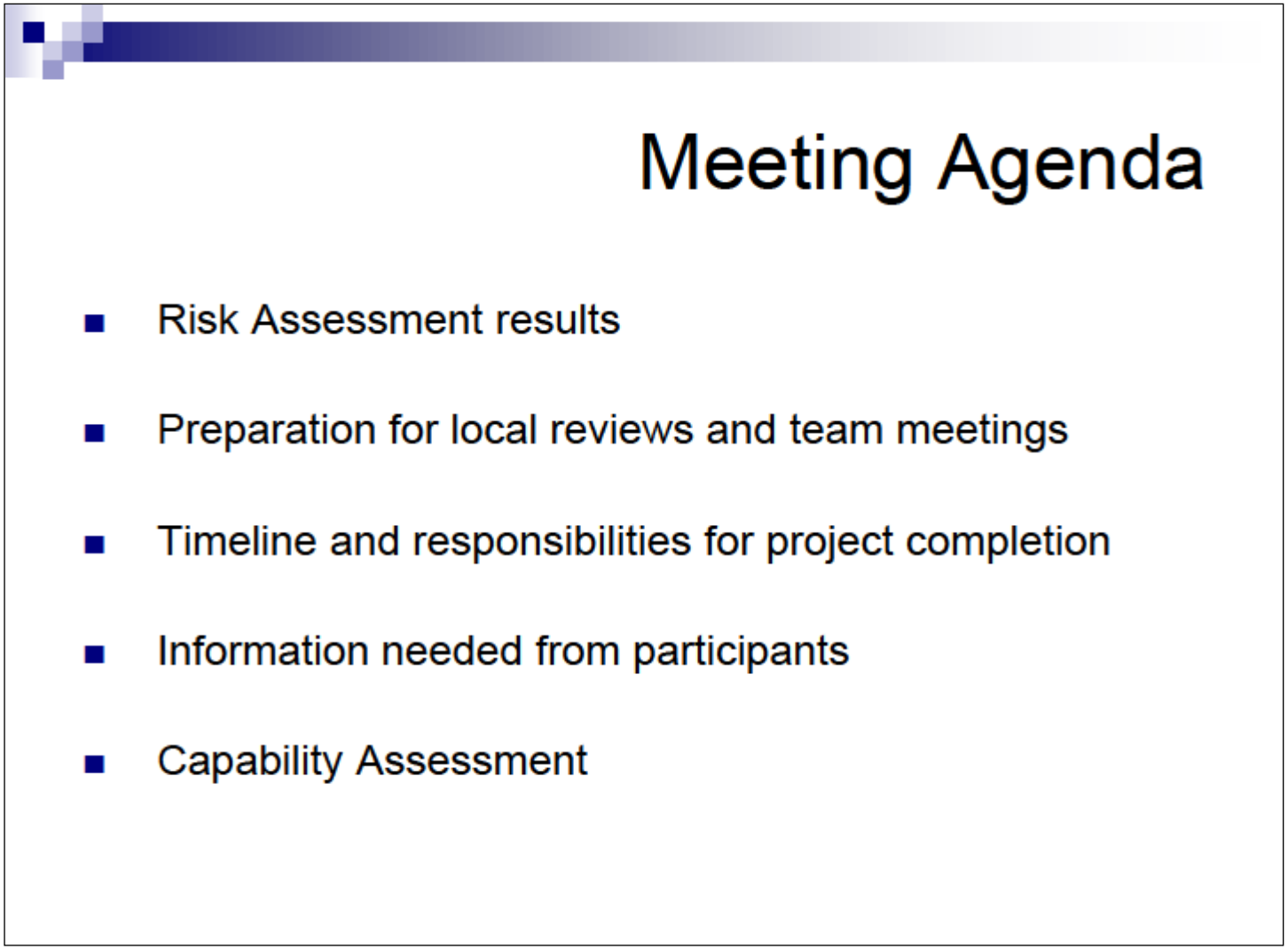

Progress to Date
WITT
Future Development
Progress to Date
WITT
Future Development
Comal County, Texas
Properties with Improvements
In Recent Decades
WITT
Risk Assessment Exercise
Qualitative Risk Assessment
WITT
Sample Methodology
Potential Impacts to:
People (Life Safety /Livelihood)
Buildings / Critical Facilities
Infrastructure
Low
Some injury possible but unlikely
Cosmetic damages to structures, <1 day LOF
> Some roads/bridges temporarily blocked, temporary power loss
Moderate
Injury expected, some deaths possible
Some structural damages, 1-2 days LOF
> Road/bridge closures, power & utility loss
High
Several deaths expected
Some structures irreparably damaged, >2-5 days LOF
> Long term closures, long term power/utility loss
Qualitative Risk Assessment
WITT
2005 Hazard Mitigation Plan
Hazard Risk by Jurisdiction Handout
Qualitative Risk Assessment
WITT
2010 Hazard Mitigation Plan Update
Hazard Ranking Handout

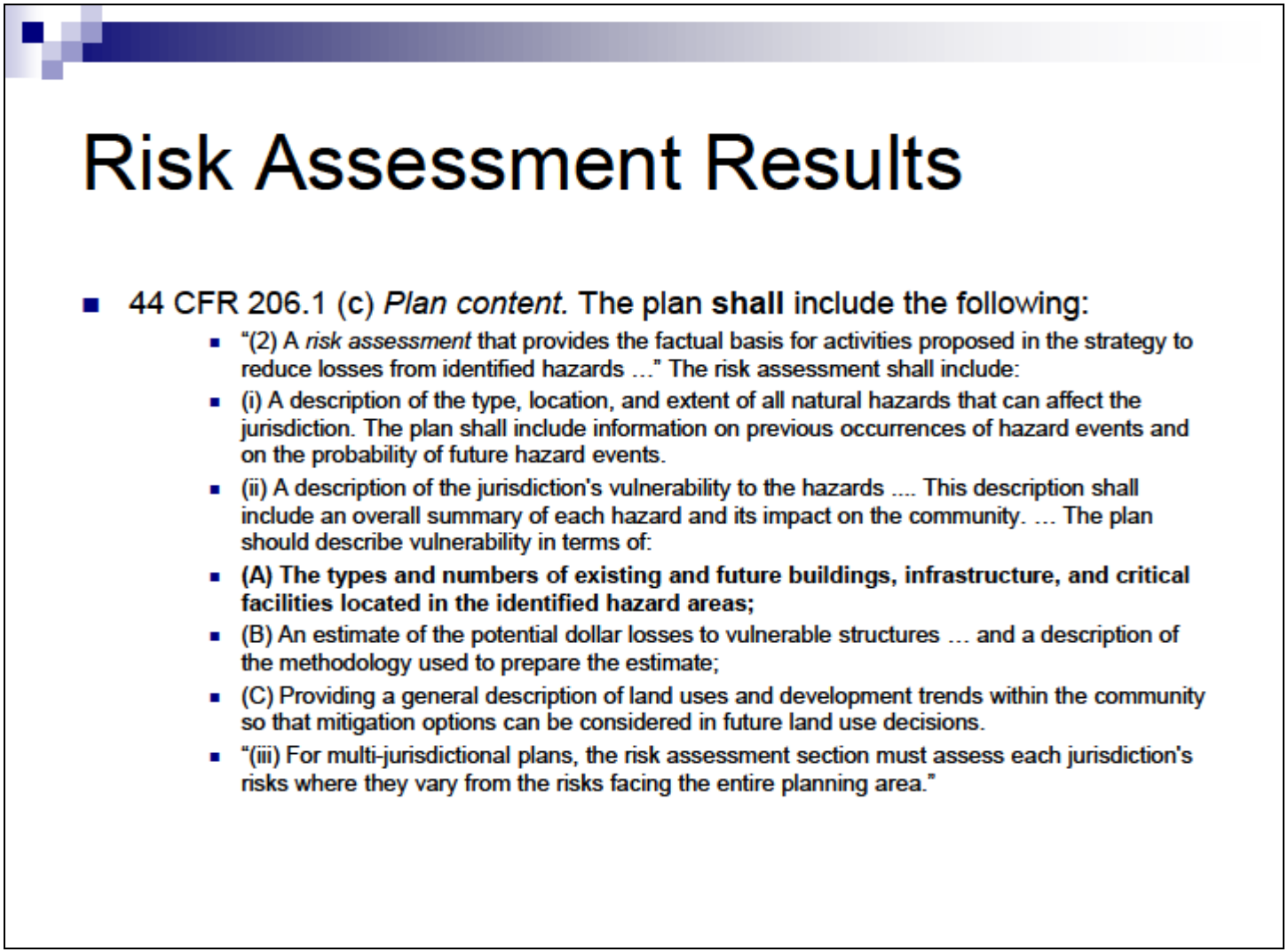

WITT
Hazard Mitigation Goals
WITT
2005 Plan Goals
• Goal #1—Increase regional emergency preparedness, response and recovery capability
• Goal #2—Build capacity for hazard mitigation at the county and municipal level through technical and financial assistance programs
• Goal #3—Reduce the impact of natural disasters on populations and private property
WITT
2005 Plan Goals
• Goal #4—Identify, introduce, and implement programs designed to raise awareness of and acceptance of the principles of hazard mitigation
• Goal #5—Reduce the potential impact of natural disasters on critical facilities and infrastructure
WITT
Next Steps
• Required Data for Quantitative Assessments
• Overview of Jurisdictional Meetings
• Capability Assessments (2 weeks)
• Important Dates
• Future Meetings
• Draft Review
WITT
SharePoint
To access the Share Point site and relevant shared documents:
• Log on to the web address at:
sharepoint.wittassociates.com/AACOG
• The assigned user name is: aaocguser
• The assigned password is: aaocg1234
• Instructions for use:
• Click on Shared Documents
• Click on the applicable folder
• Right click on documents and use "Save Target As" to save them to your computer
• Open document(s) on your own computer and either insert comments using the track changes option or email them to Matt Stanley at
mstanley@staff.jwitt.com
WITT
Questions ?

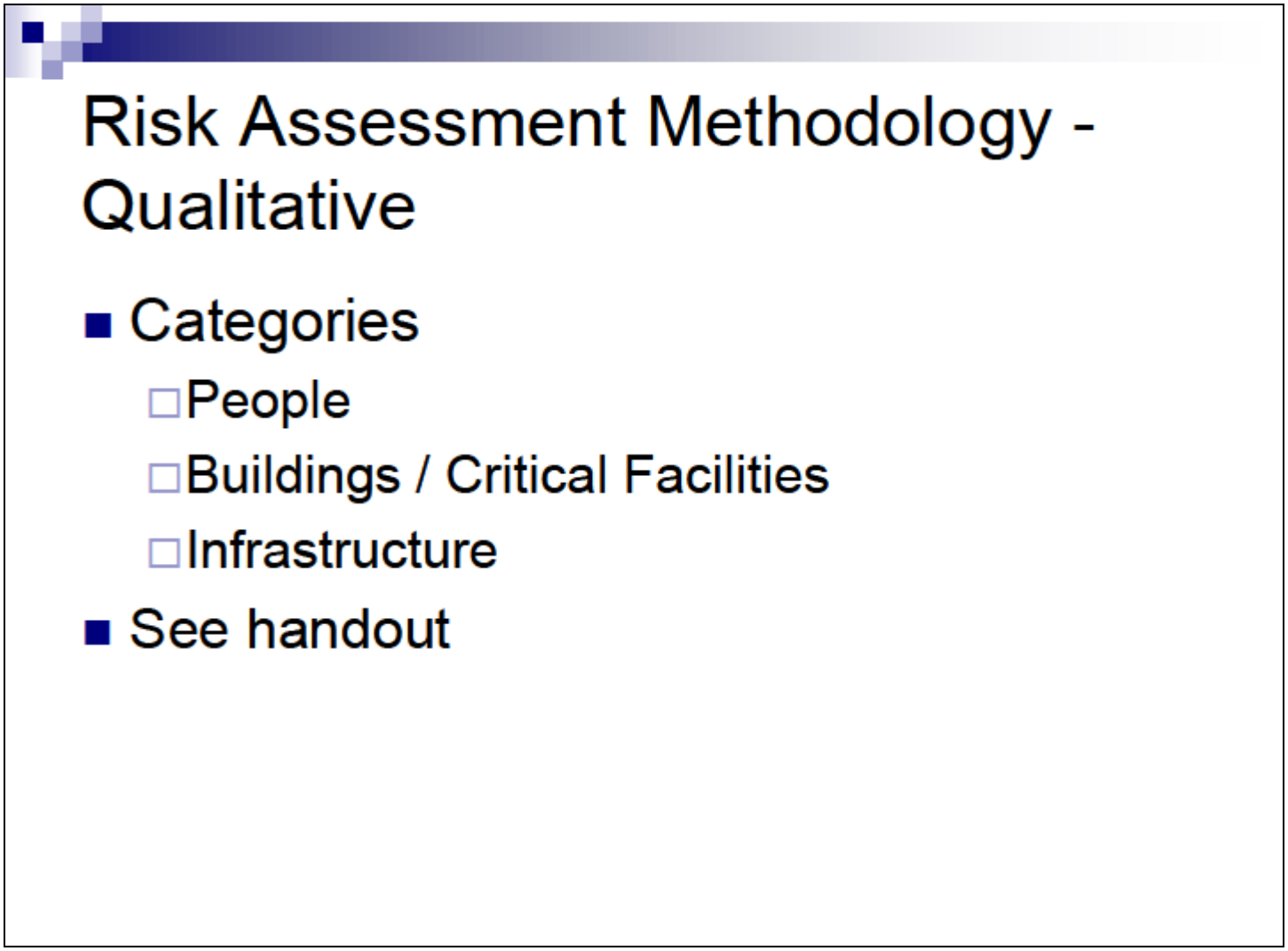
F.3 Meeting #3 Presentation

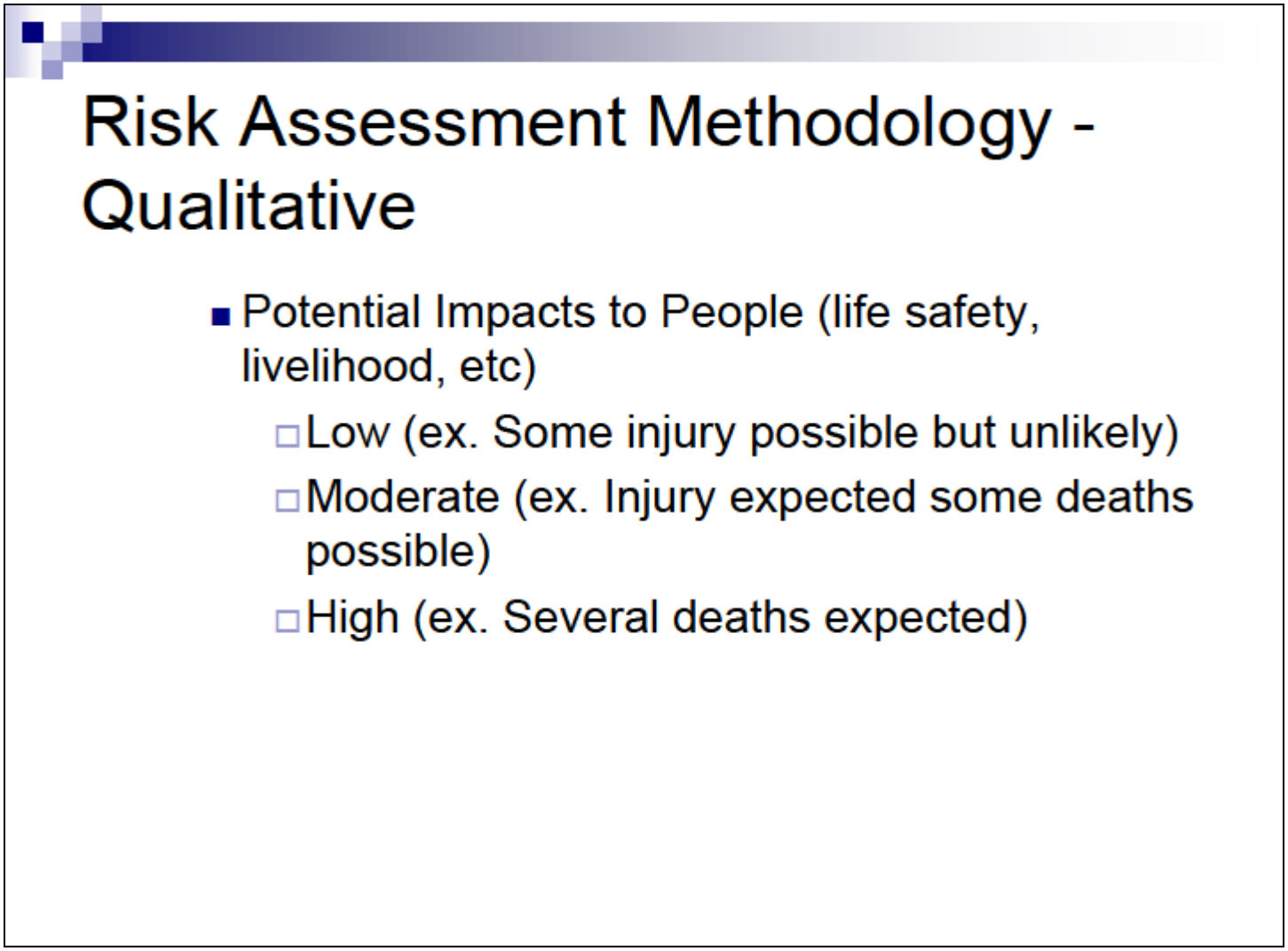
This section contains the presentation used to facilitate Meeting #3, held October 18, 2010. The same presentation was used to facilitate both sessions of the meeting.

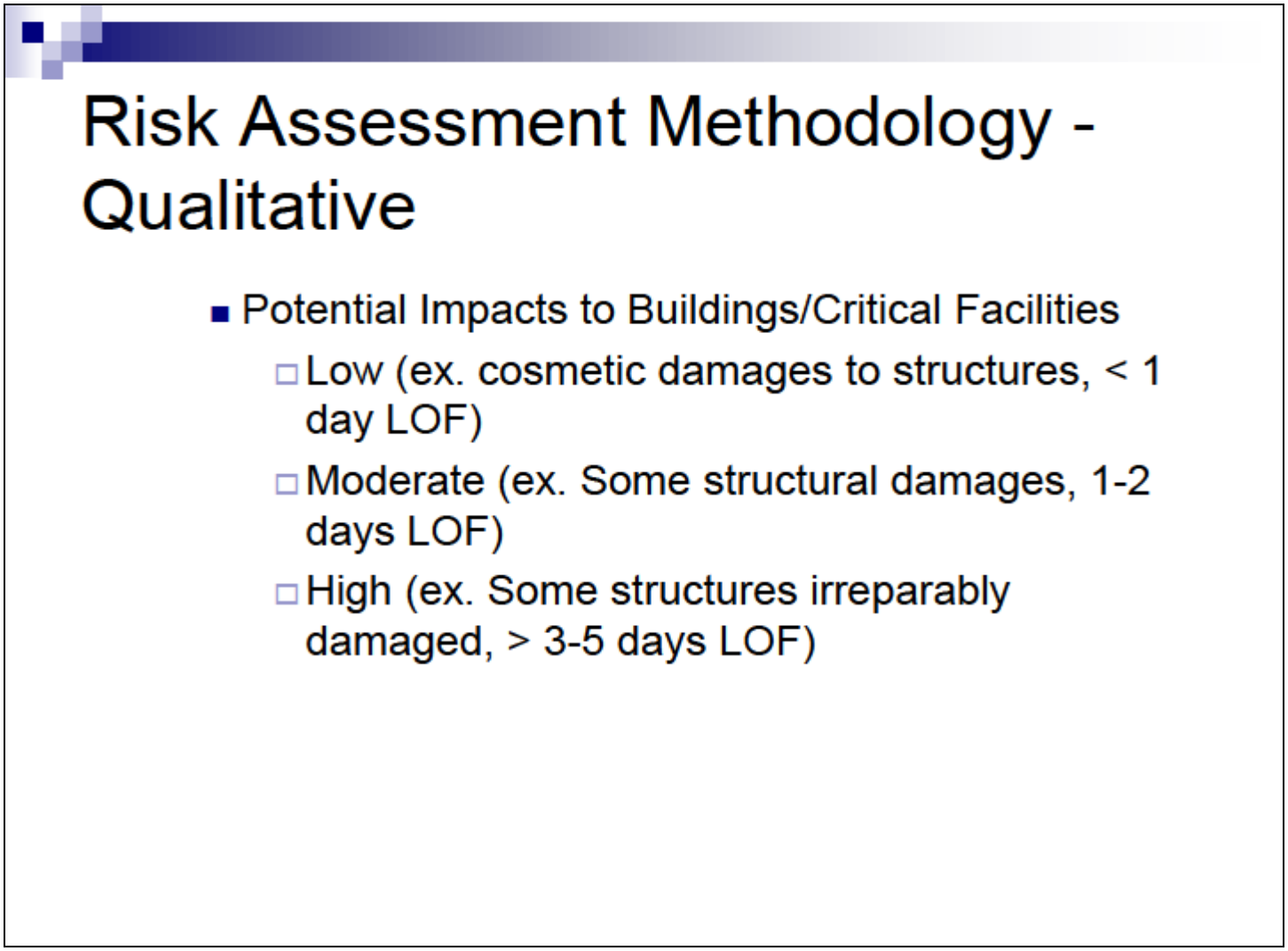

Alamo Area Regional
Hazard Mitigation
Plan Update Meeting
Monday October 18th, 2010

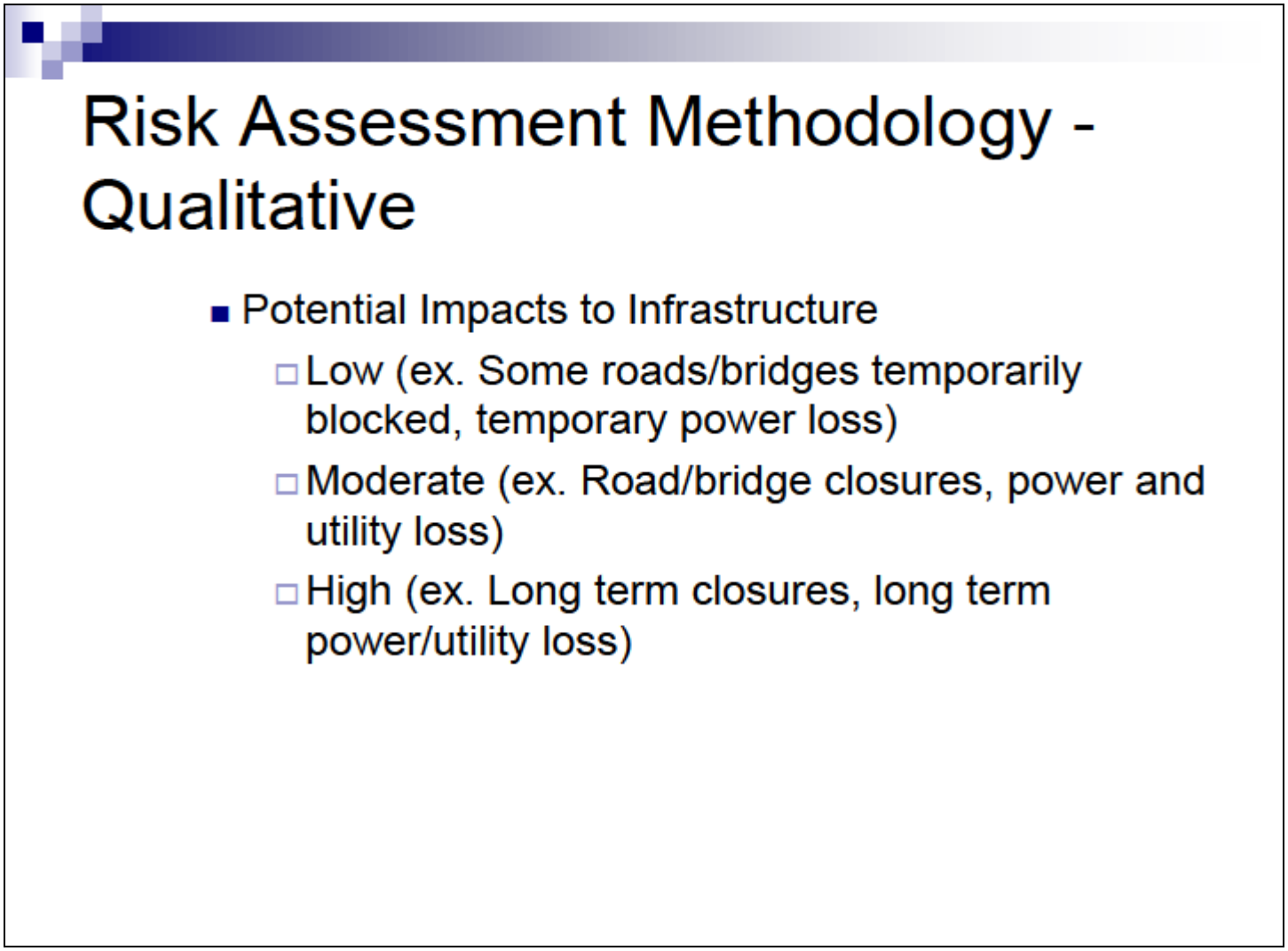

Meeting Agenda
Risk Assessment results
Preparation for local reviews and team meetings
Timeline and responsibilities for project completion
Information needed from participants
Capability Assessment

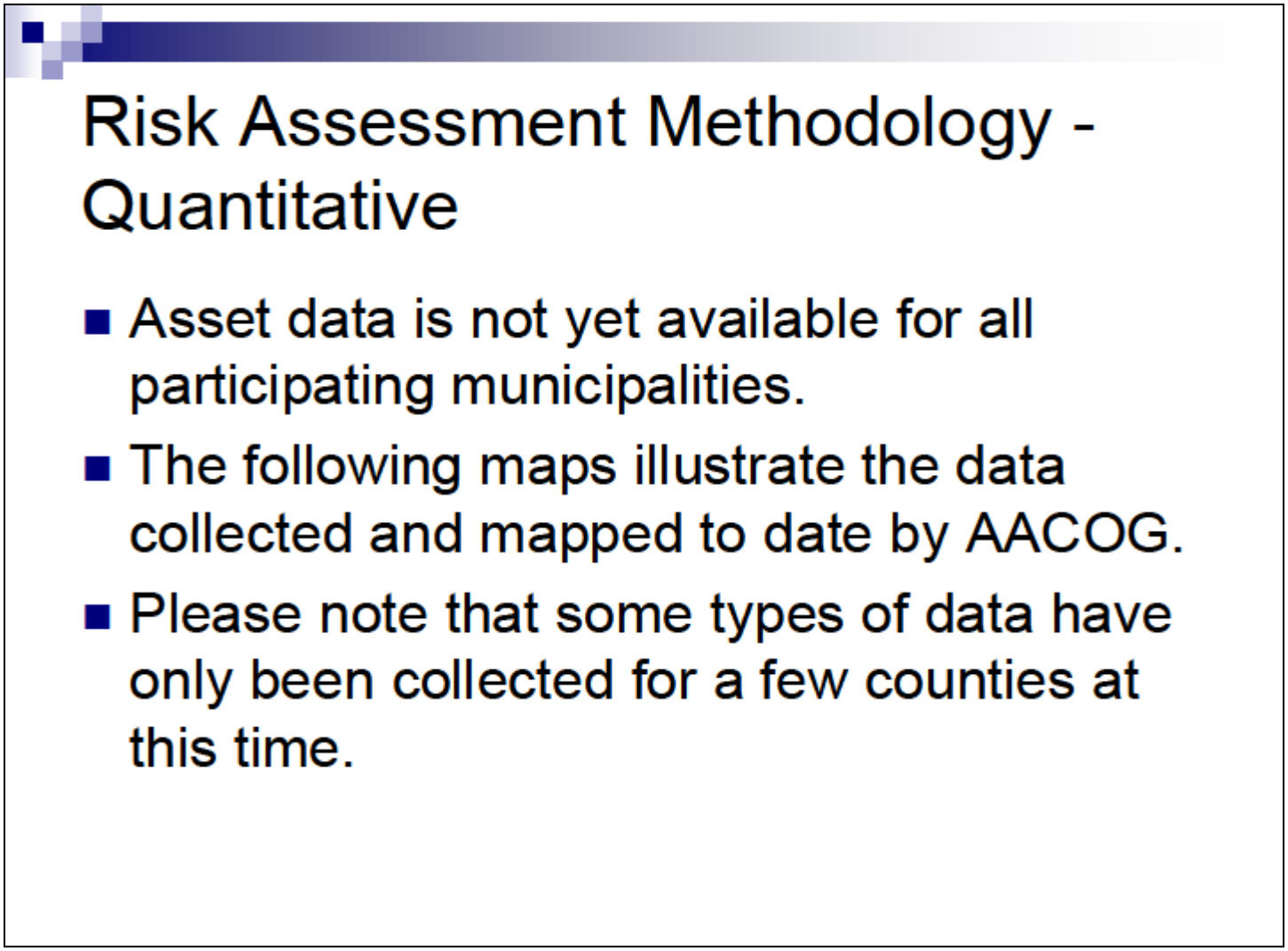

Risk Assessment Results
44 CFR 206.1 (c) Plan content. The plan shall include the following:
"(2) A risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards …" The risk assessment shall include:
(i) A description of the type, location, and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.
(ii) A description of the jurisdiction's vulnerability to the hazards .... This description shall include an overall summary of each hazard and its impact on the community. … The plan should describe vulnerability in terms of:
(A) The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas;
(B) An estimate of the potential dollar losses to vulnerable structures … and a description of the methodology used to prepare the estimate;
(C) Providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.
"(iii) For multi-jurisdictional plans, the risk assessment section must assess each jurisdiction's risks where they vary from the risks facing the entire planning area."

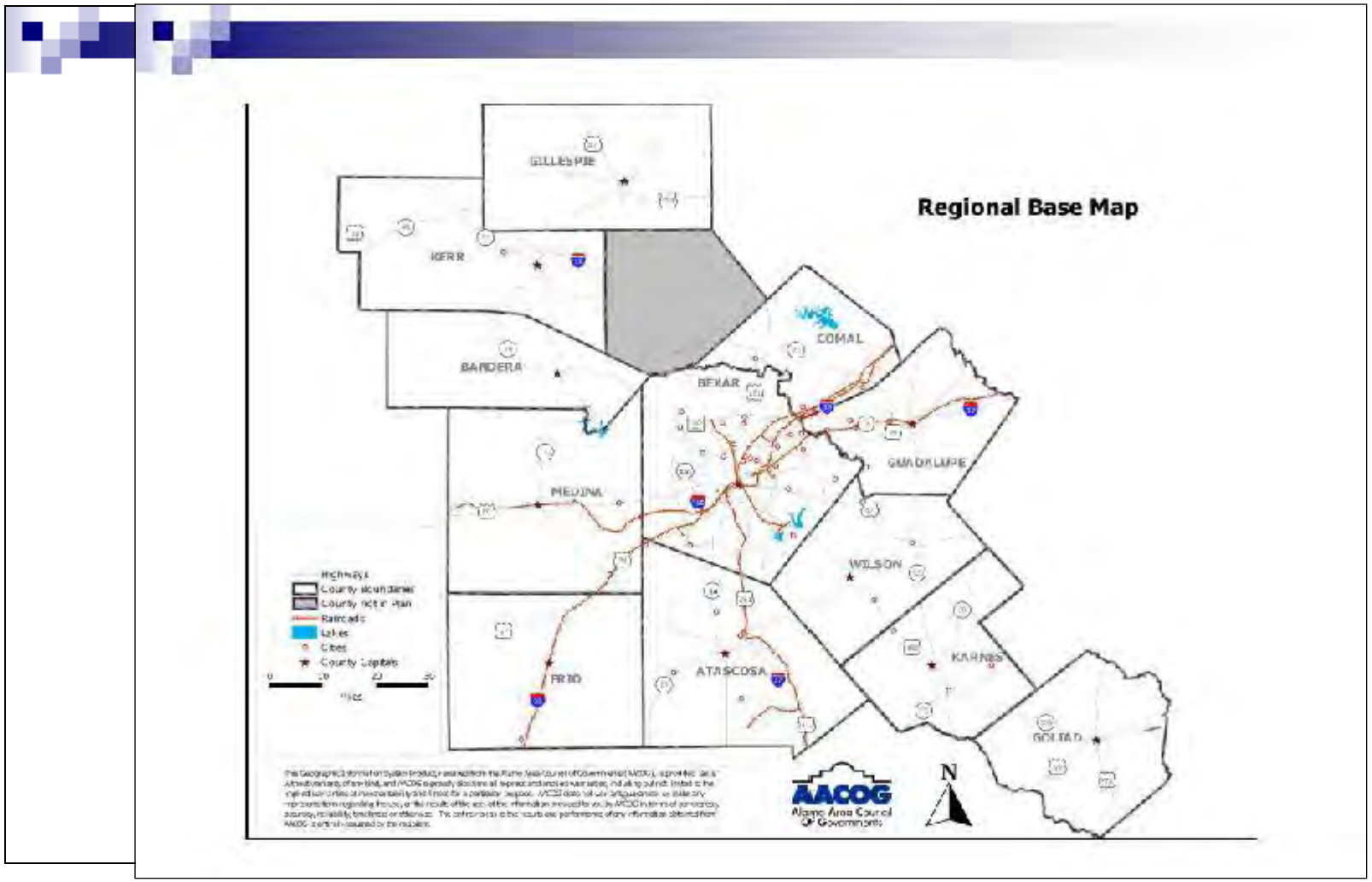

Risk Assessment Methodology - Qualitative
Categories
People
Buildings / Critical Facilities
Infrastructure
See handout

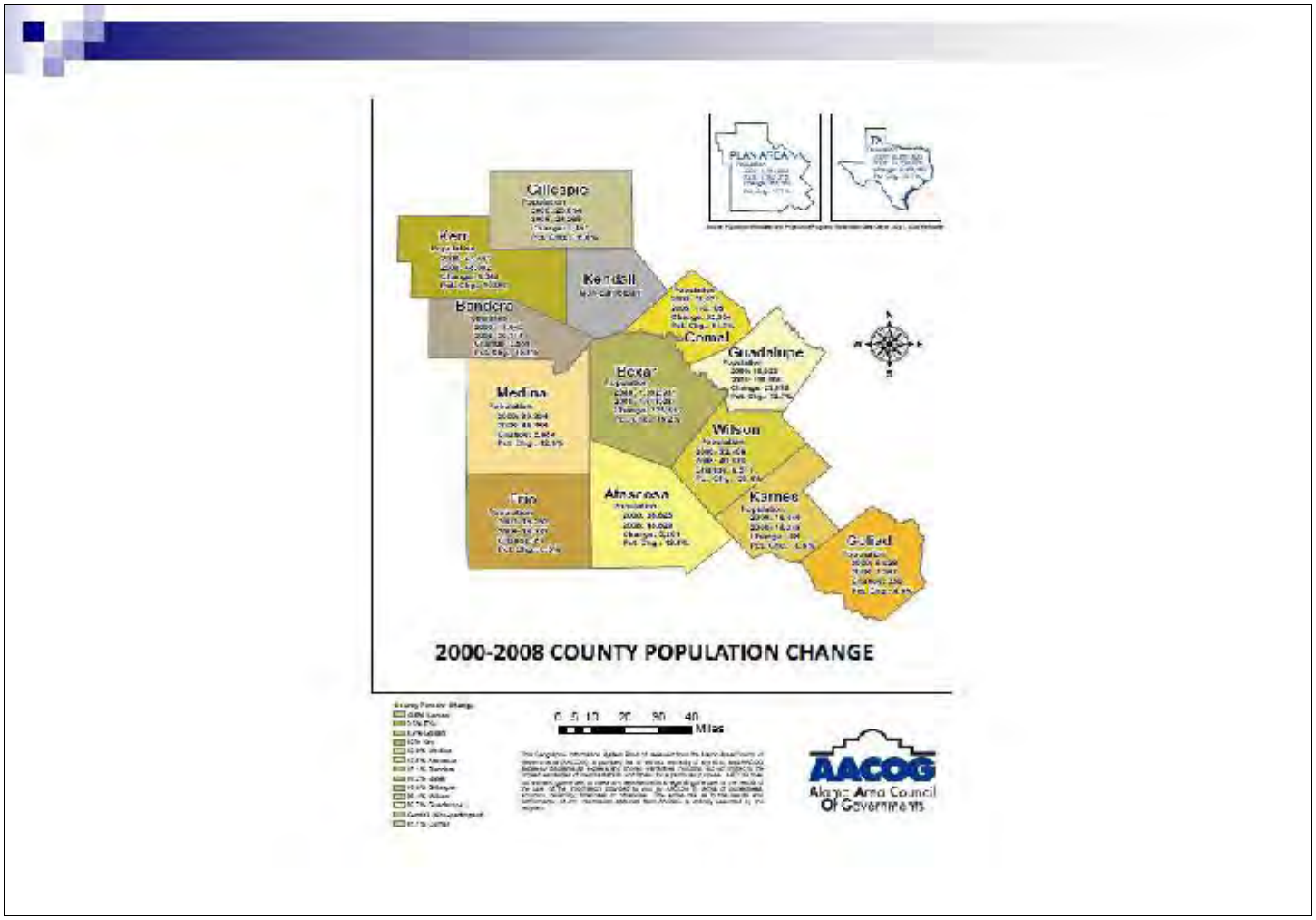

Risk Assessment Methodology - Qualitative
Potential Impacts to People (life safety, livelihood, etc)
Low (ex. Some injury possible but unlikely)
Moderate (ex. Injury expected some deaths possible)
High (ex. Several deaths expected)

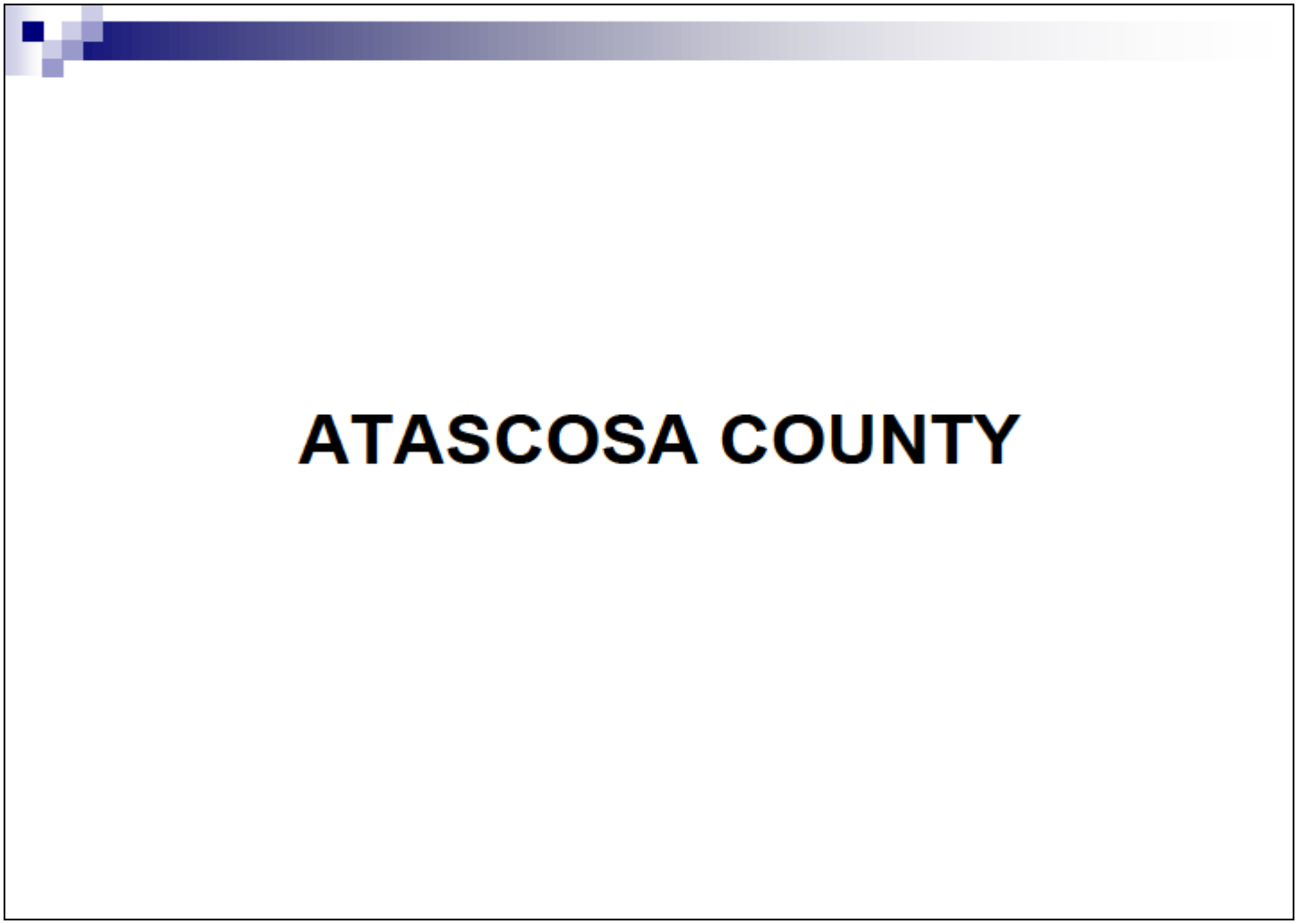

Risk Assessment Methodology - Qualitative
Potential Impacts to Buildings/Critical Facilities
Low (ex. cosmetic damages to structures, < 1 day LOF)
Moderate (ex. Some structural damages, 1-2 days LOF)
High (ex. Some structures irreparably damaged, > 3-5 days LOF)

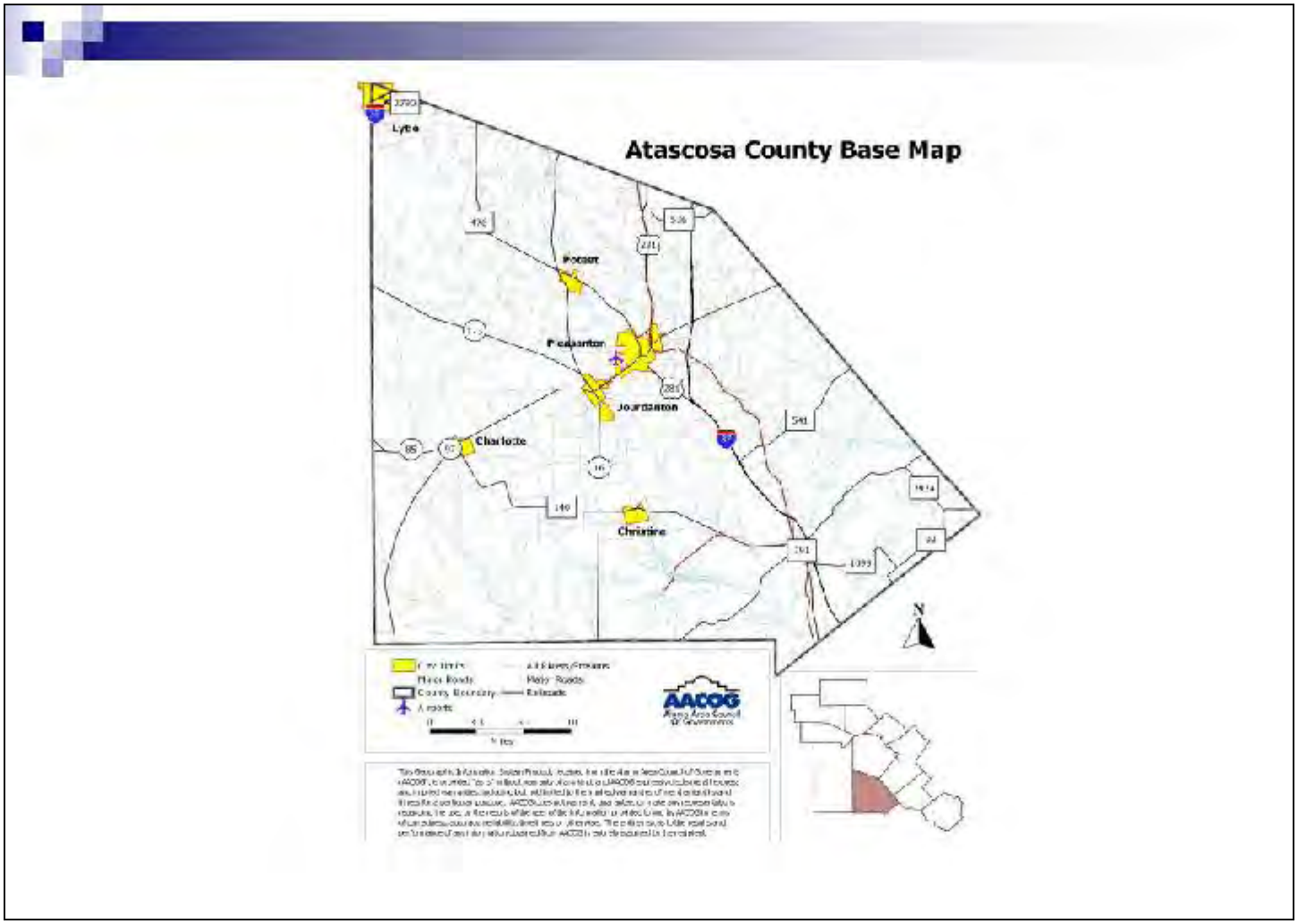

Risk Assessment Methodology - Qualitative
Potential Impacts to Infrastructure
Low (ex. Some roads/bridges temporarily blocked, temporary power loss)
Moderate (ex. Road/bridge closures, power and utility loss)
High (ex. Long term closures, long term power/utility loss)

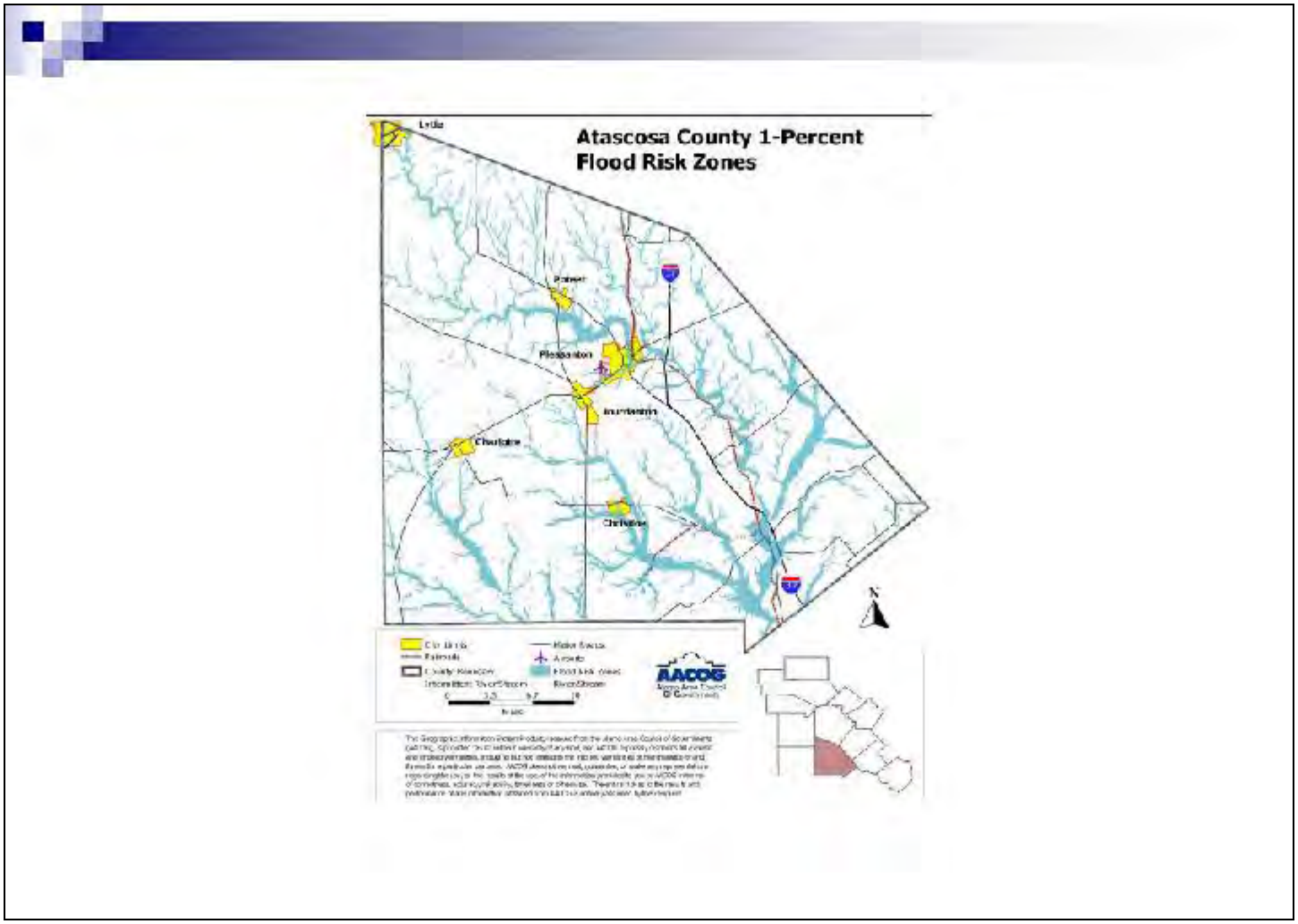

Risk Assessment Methodology - Quantitative
Asset data is not yet available for all participating municipalities.
The following maps illustrate the data collected and mapped to date by AACOG.
Please note that some types of data have only been collected for a few counties at this time.

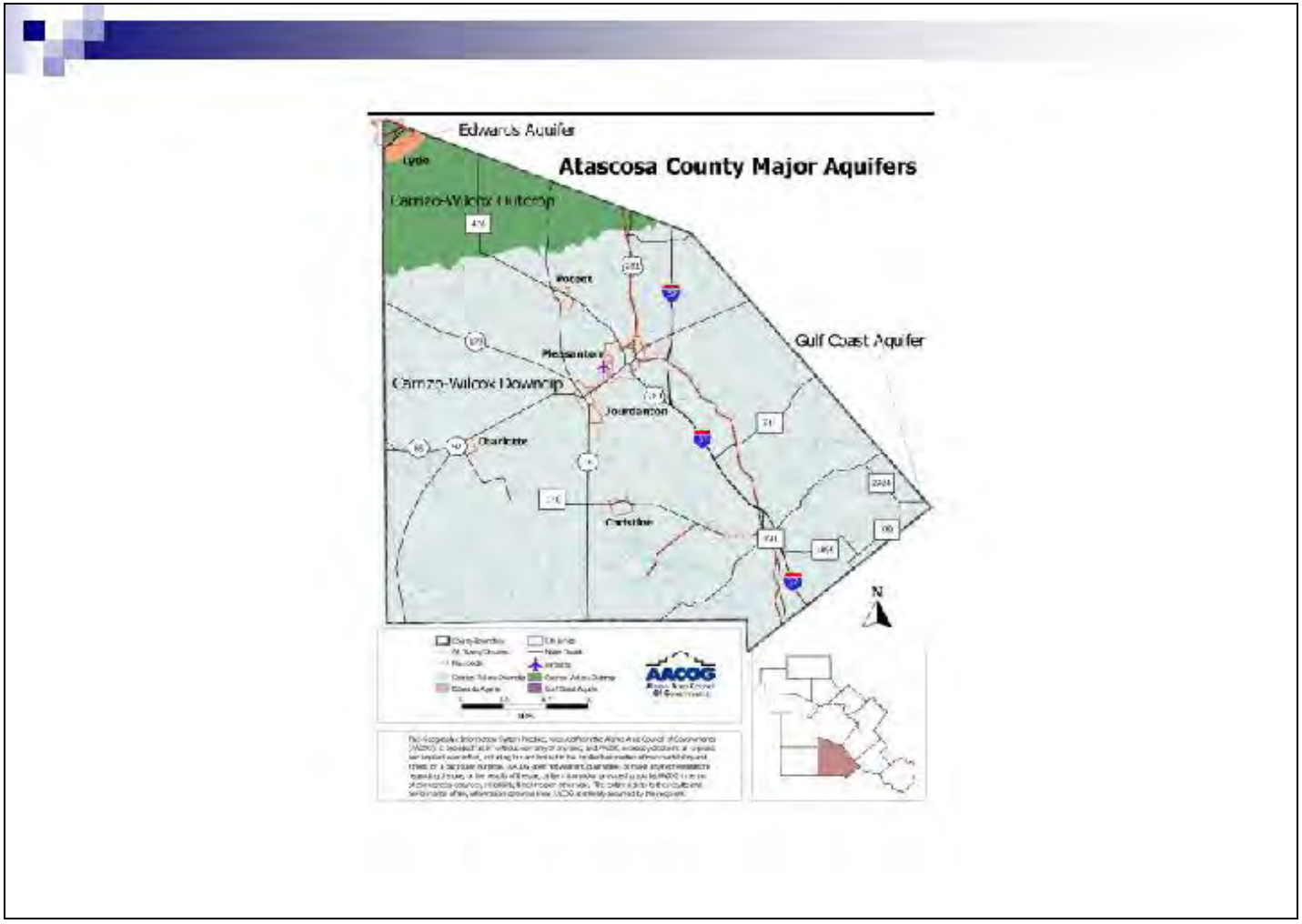

Regional Base Map
GILLESPIE
KERR
BANDERA
MEDINA
FRIO
ATASCOSA
BEXAR
COMAL
GUADALUPE
WILSON
KARNES
GOLIAD
Highways
County Boundaries
County Water Plan
Railroads
Lakes
Cities
County Capitals
AACOG
Alamo Area Council of Governments
N

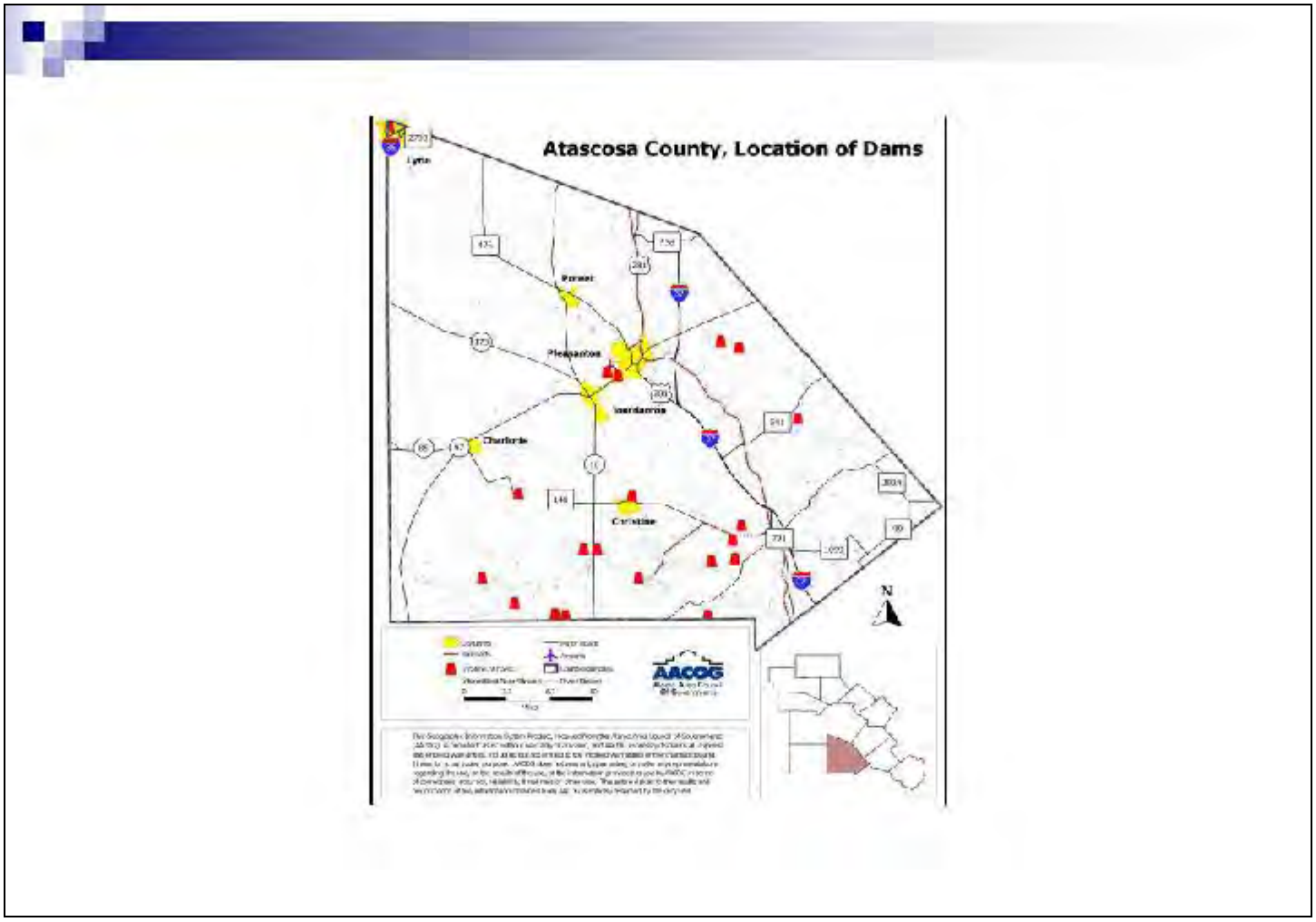

PLAN AREA
Gillespie
Kerr
Kendall
Bandera
Comal
Guadalupe
Bexar
Medina
Wilson
Atascosa
Karnes
Frio
Goliad
2000-2008 COUNTY POPULATION CHANGE
0 5 10 20 30 40
Miles
AACOG
Alamo Area Council Of Governments

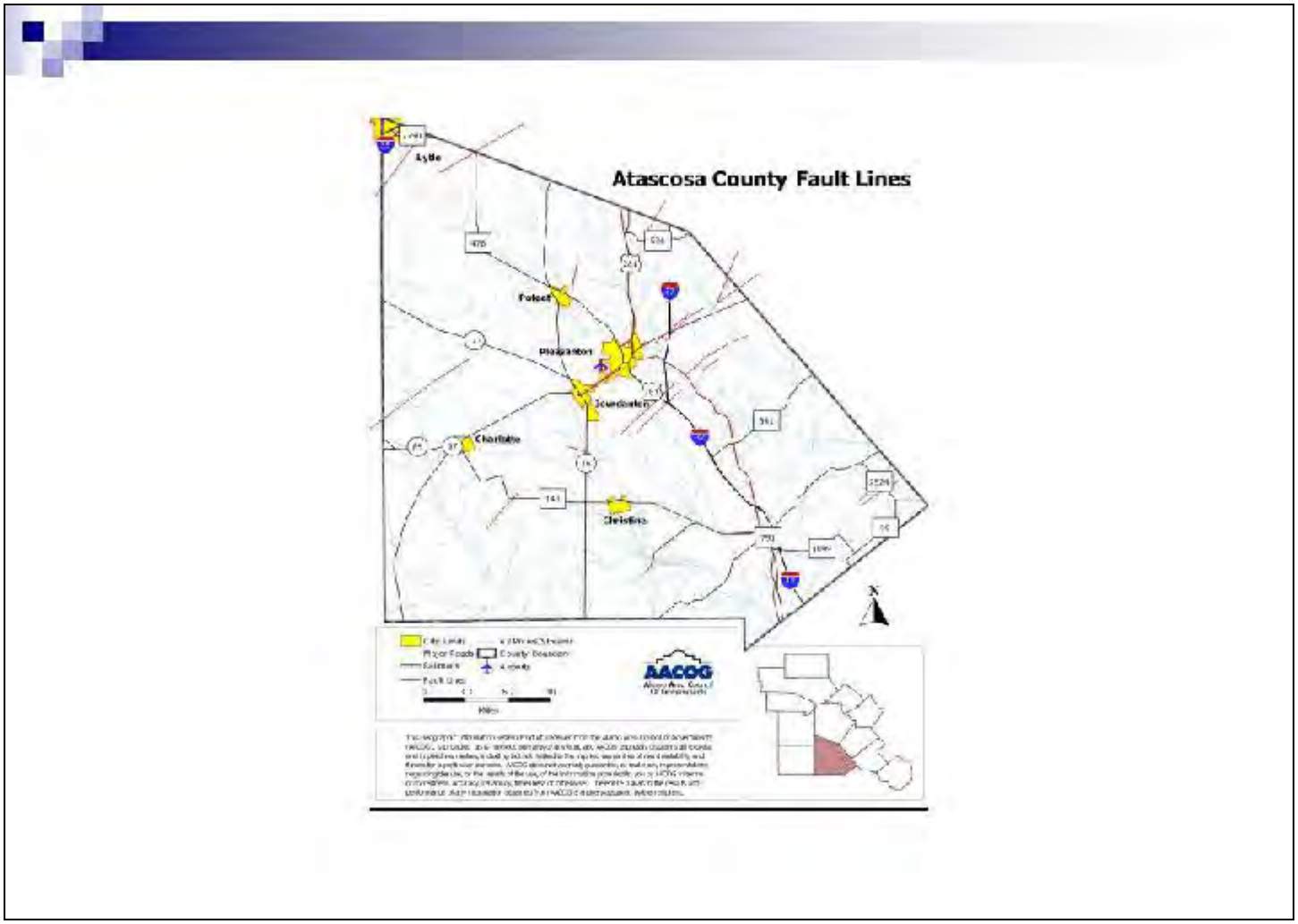

ATASCOSA COUNTY

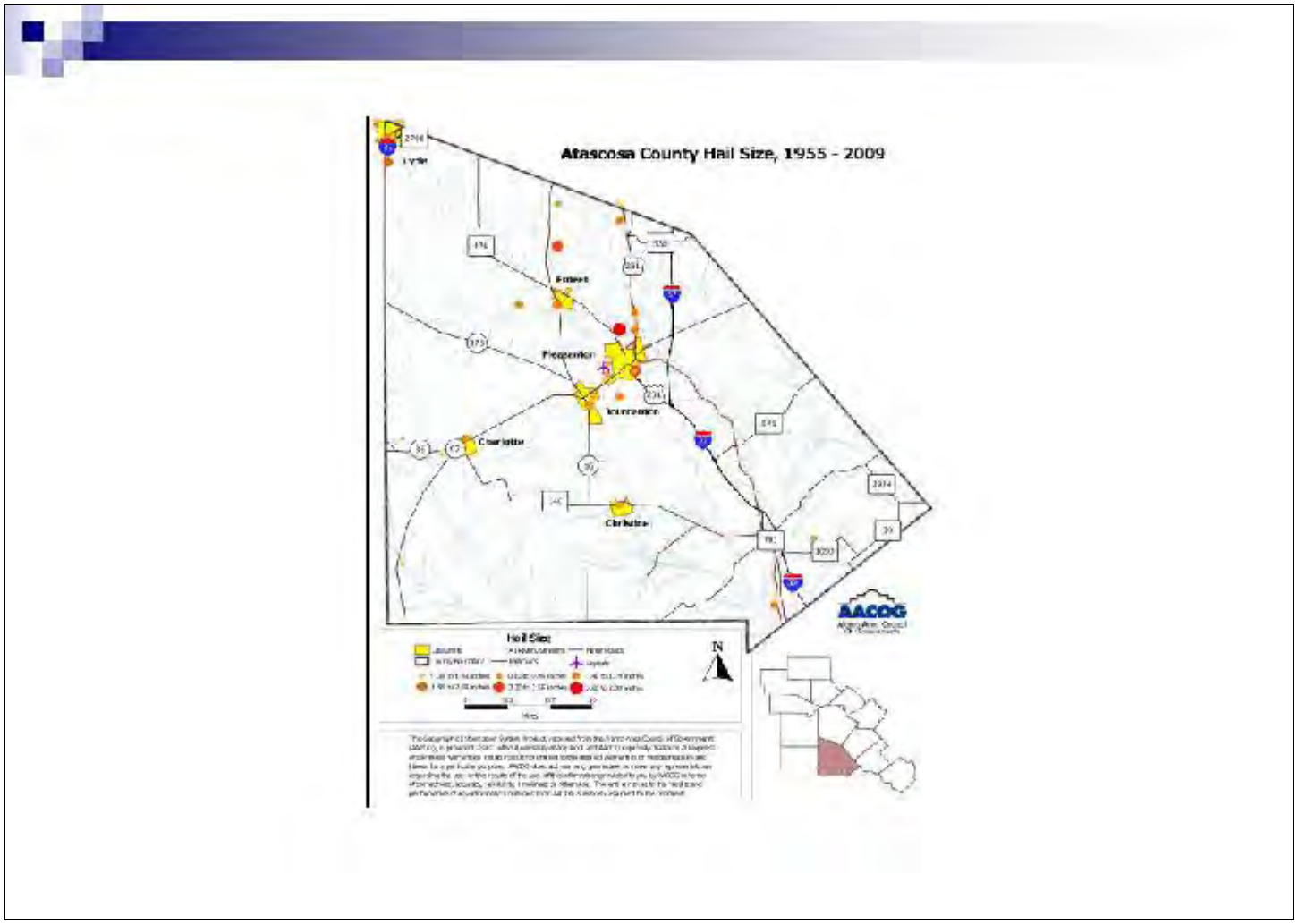

Atascosa County Base Map
Lytle
Pleasanton
Jourdanton
Charlotte
Christine
Poteet
N
AACOG

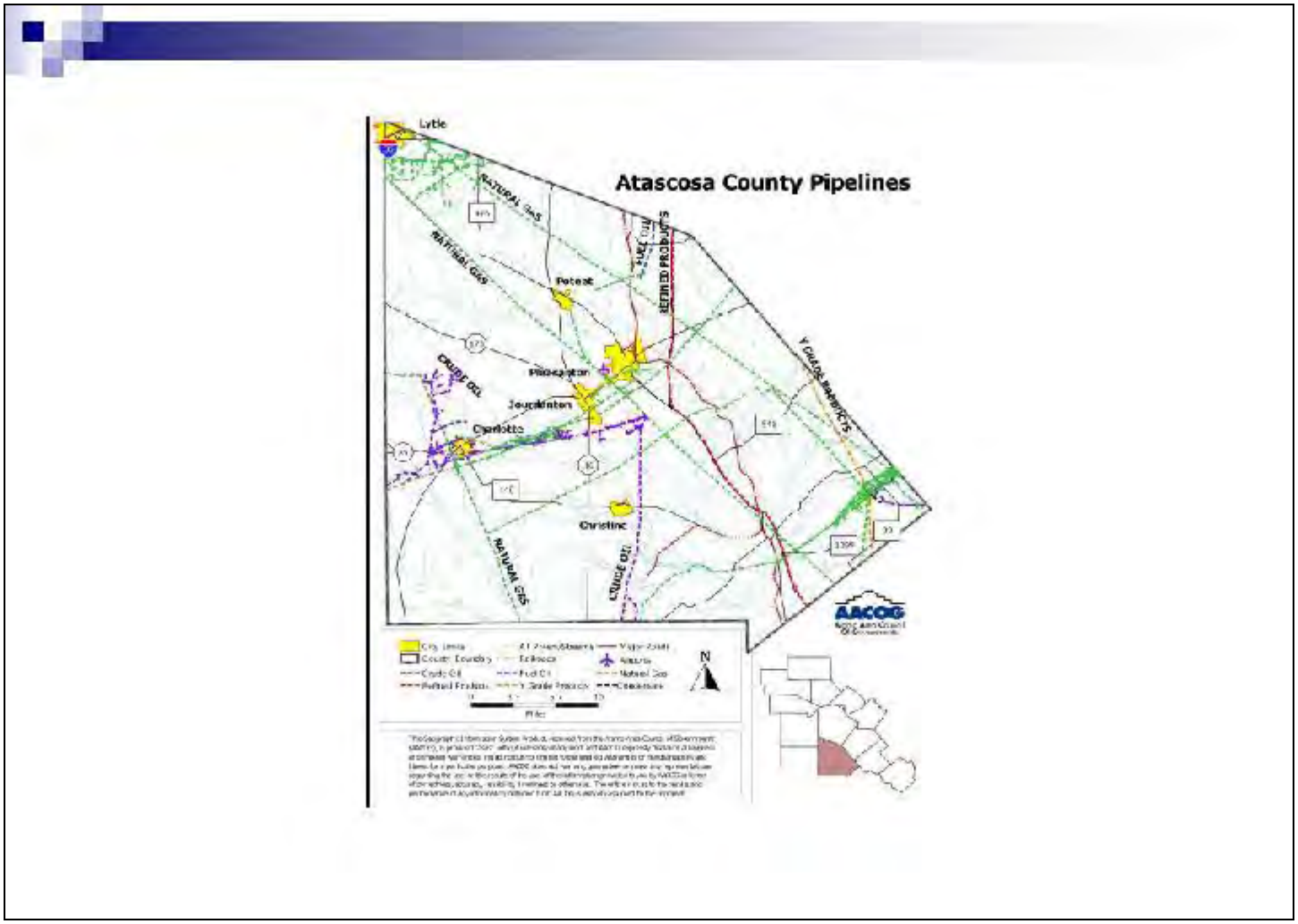

Atascosa County 1-Percent
Flood Risk Zones
Lytle
Poteet
Pleasanton
Jourdanton
Charlotte
Christine
N
AACOG

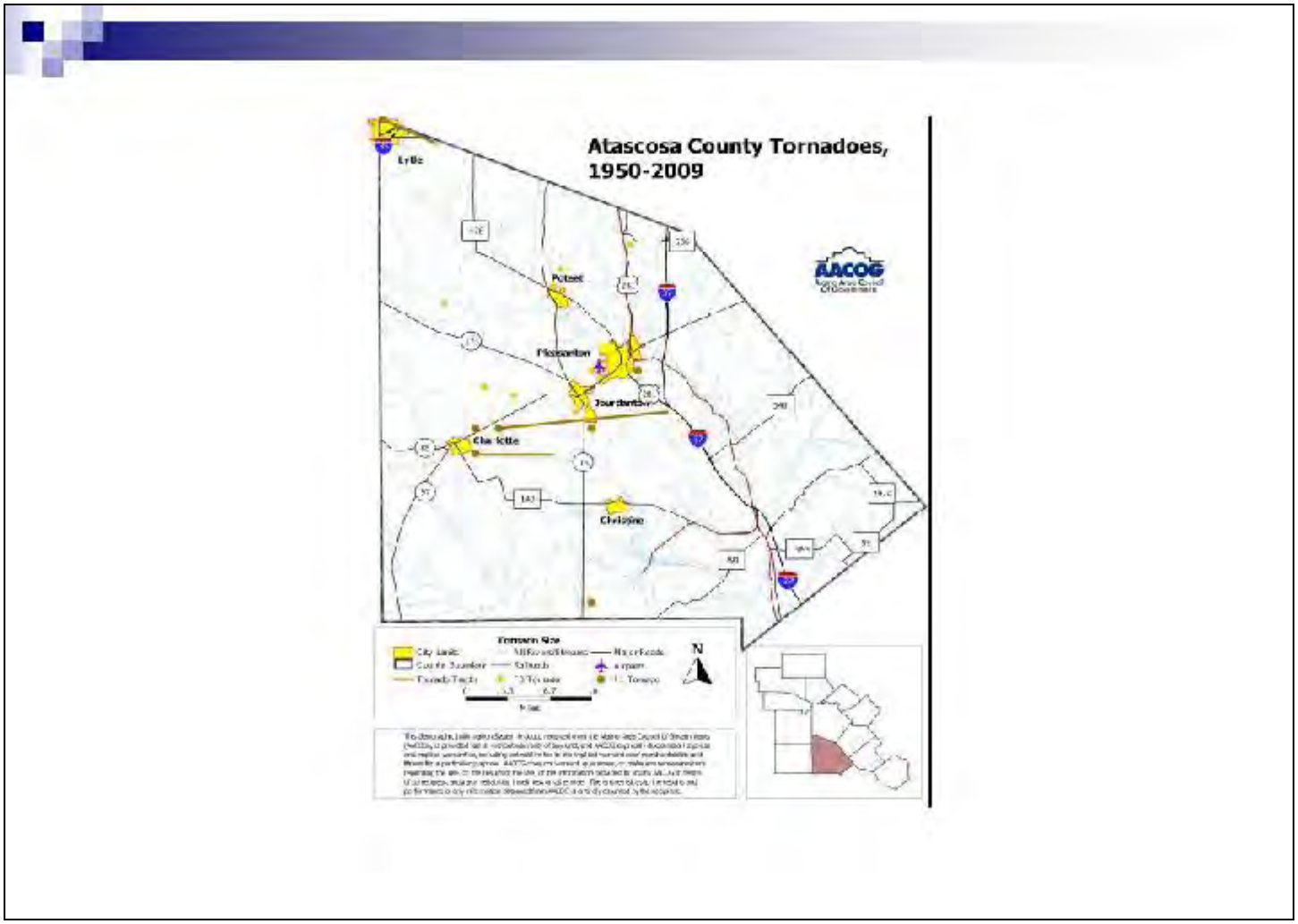

Edwards Aquifer
Atascosa County Major Aquifers
Carrizo-Wilcox Outcrop
Pleasanton
Gulf Coast Aquifer
Carrizo-Wilcox Downdip
Jourdanton
Charlotte
Christine
N
AACOG

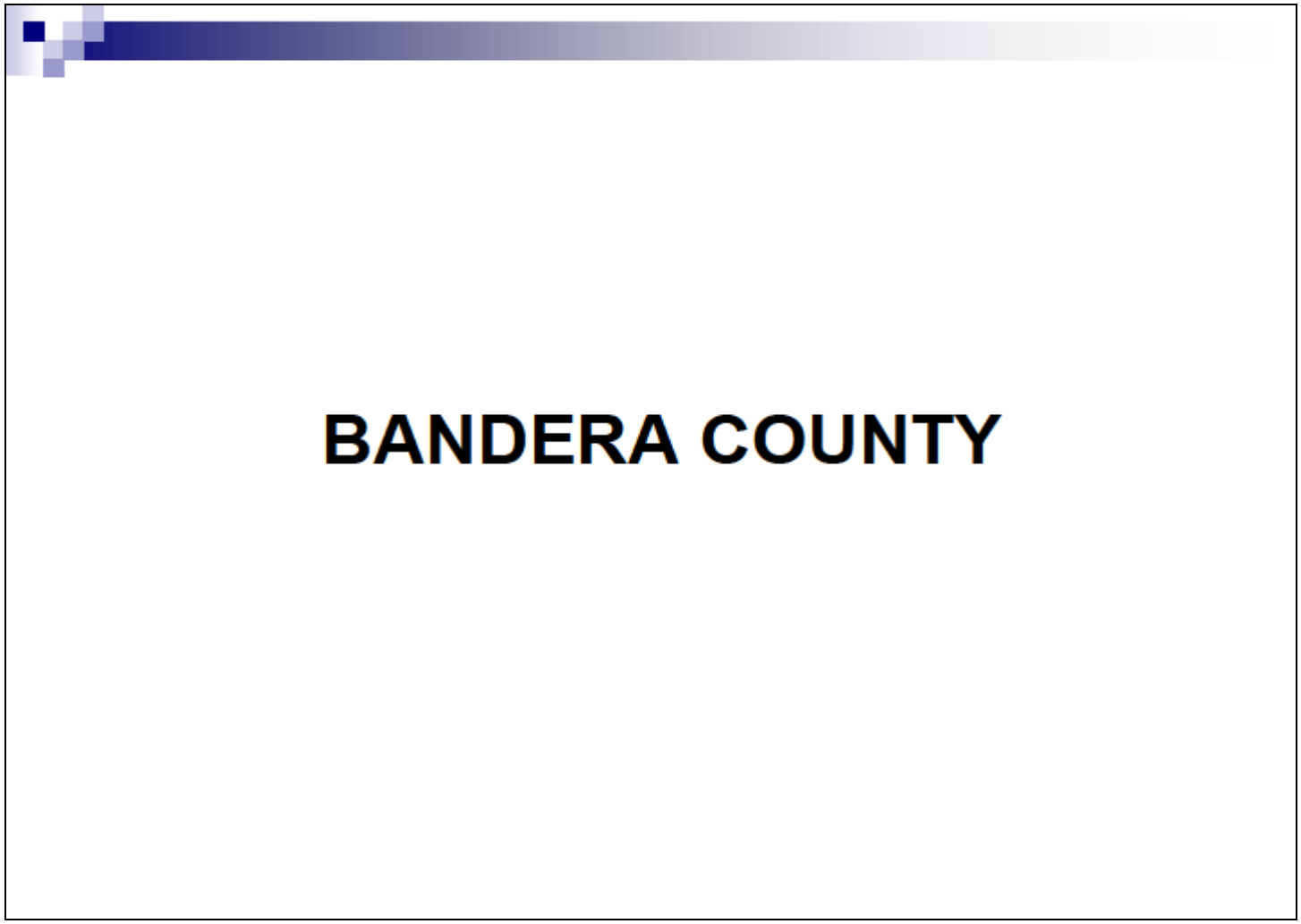

Atascosa County, Location of Dams
Pleasanton
Charlotte
Christine
N
AACOG

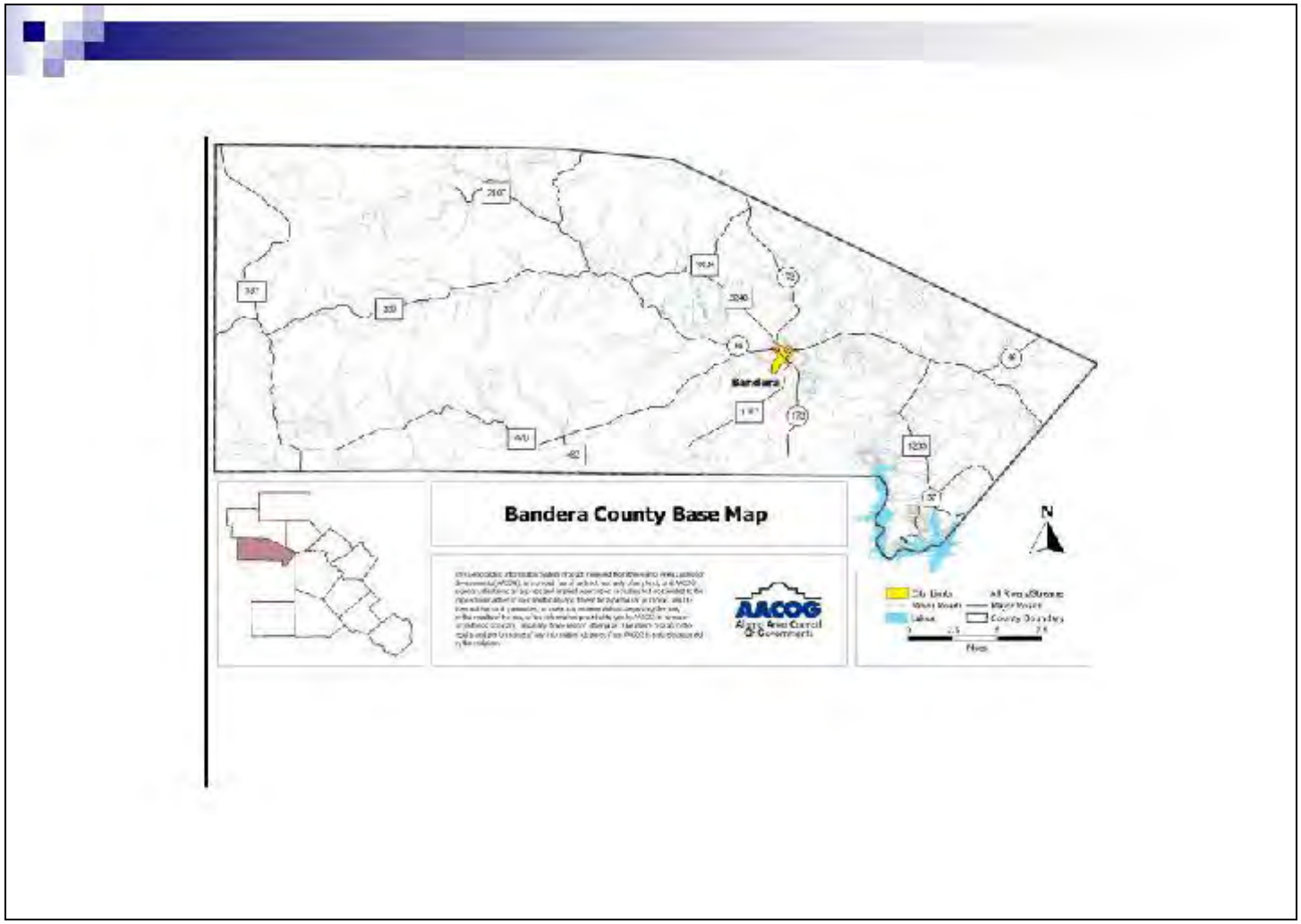

Atascosa County Fault Lines
Lytle
Poteet
Pleasanton
Jourdanton
Charlotte
Geistens
AACOG

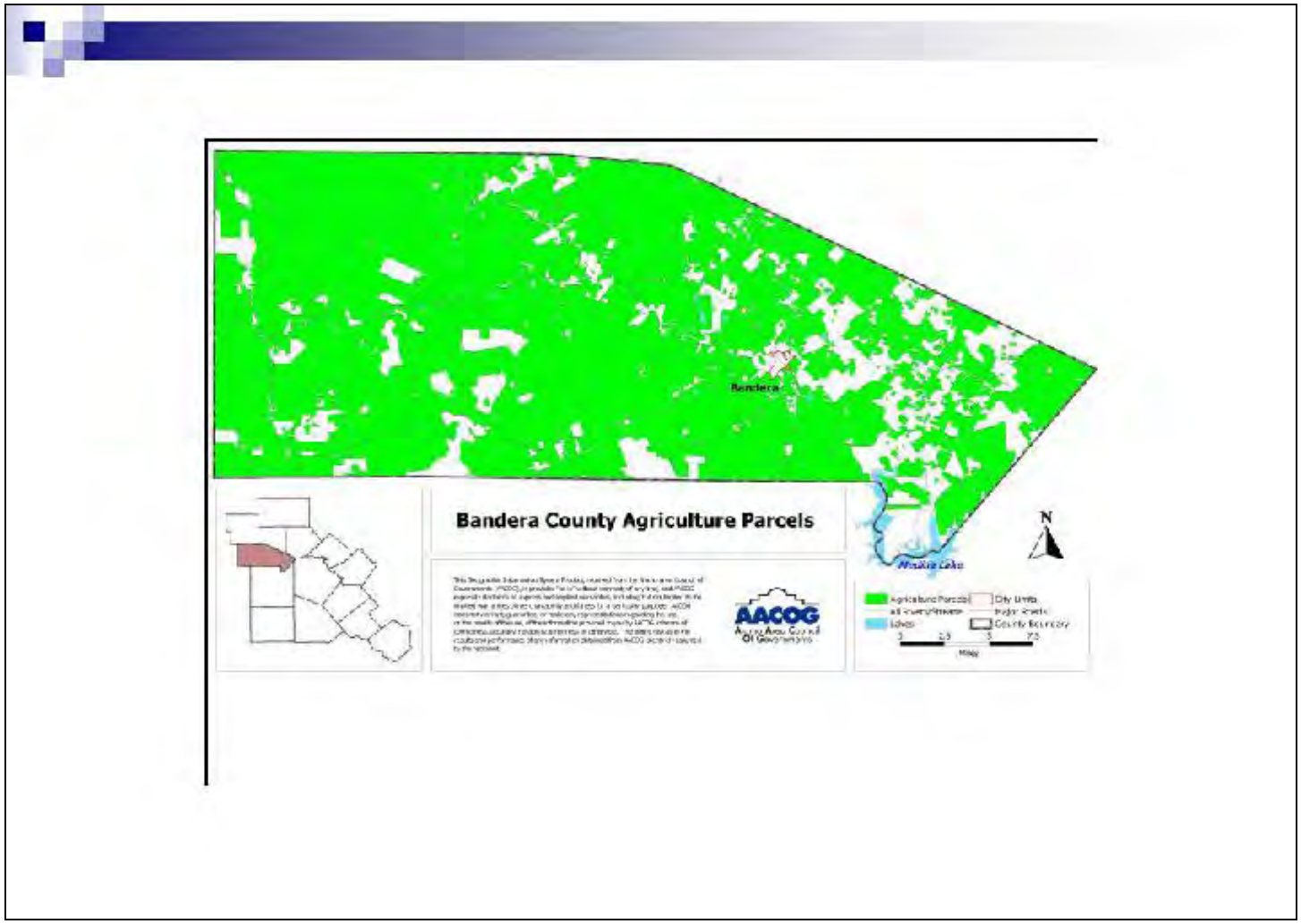

Atascosa County Hail Size, 1955 - 2009
Pleasanton
Jourdanton
Charlotte
Christine
Hail Size
N
AACOG

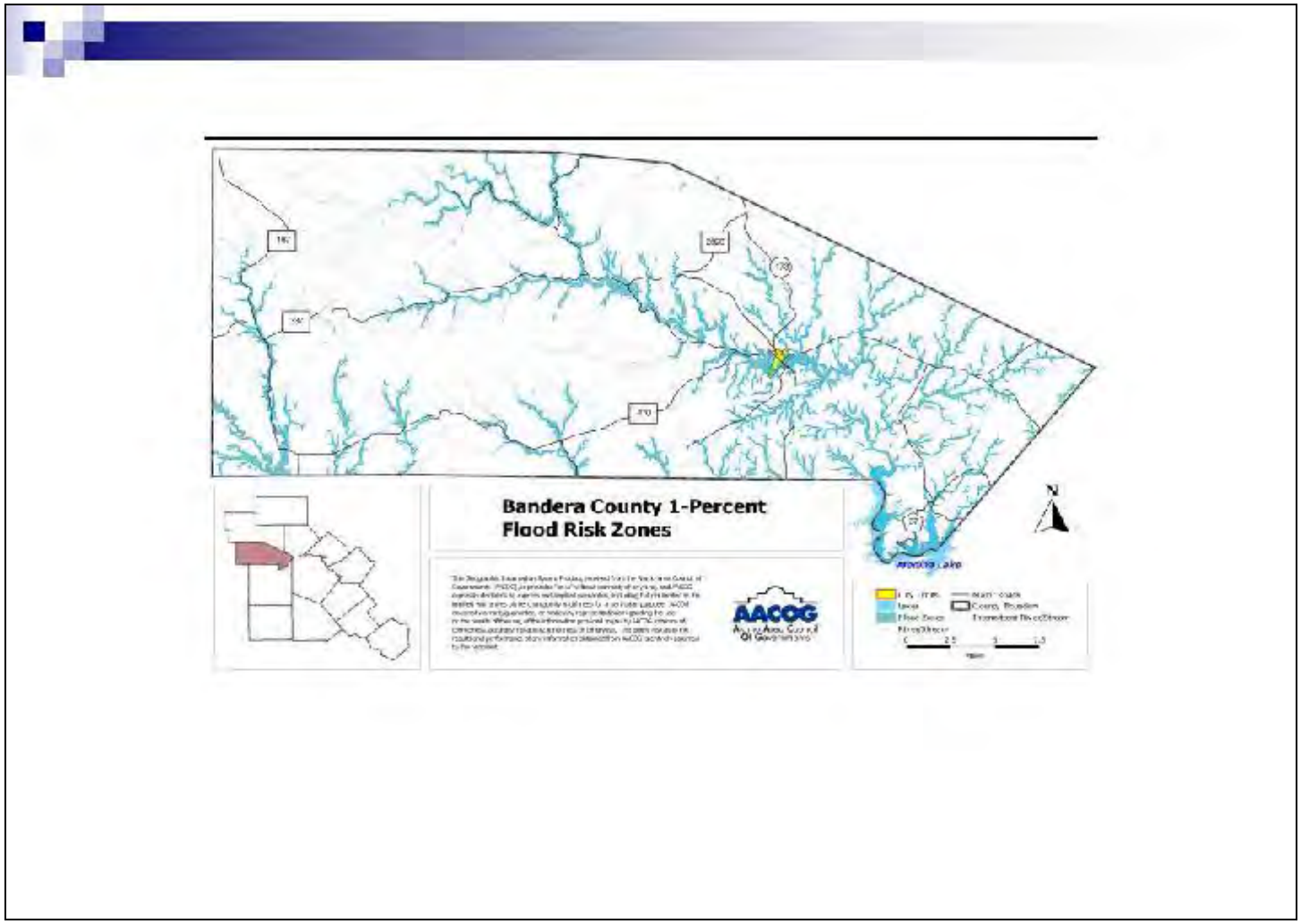

Atascosa County Pipelines
Lytle
Poteet
Jourdanton
Charlotte
Christine
NATURAL GAS
CRUDE OIL
REFINED PRODUCTS
AACOG

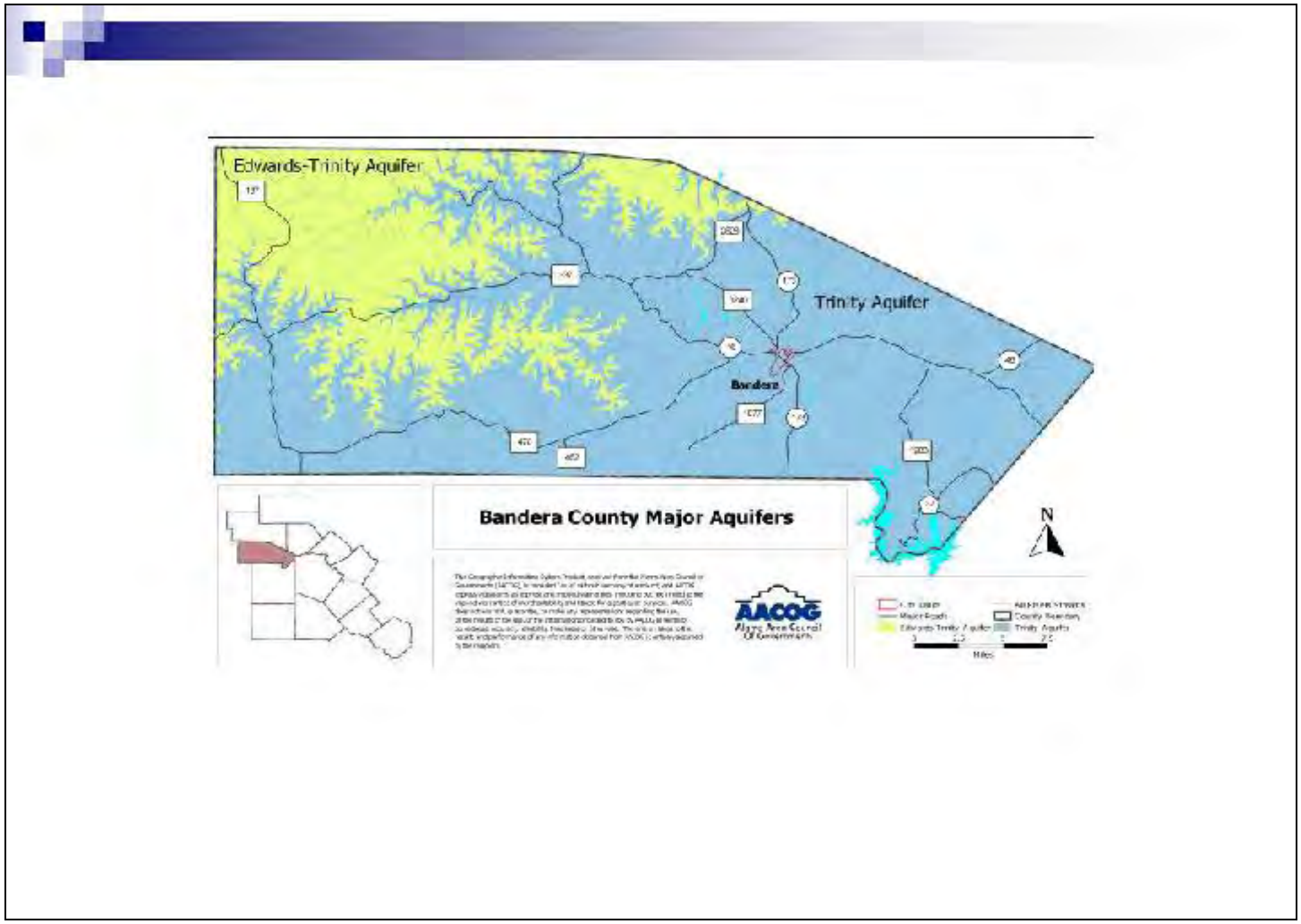

Atascosa County Tornadoes,
1950-2009
AACOG
Pleasanton
Charlotte
Christine
N

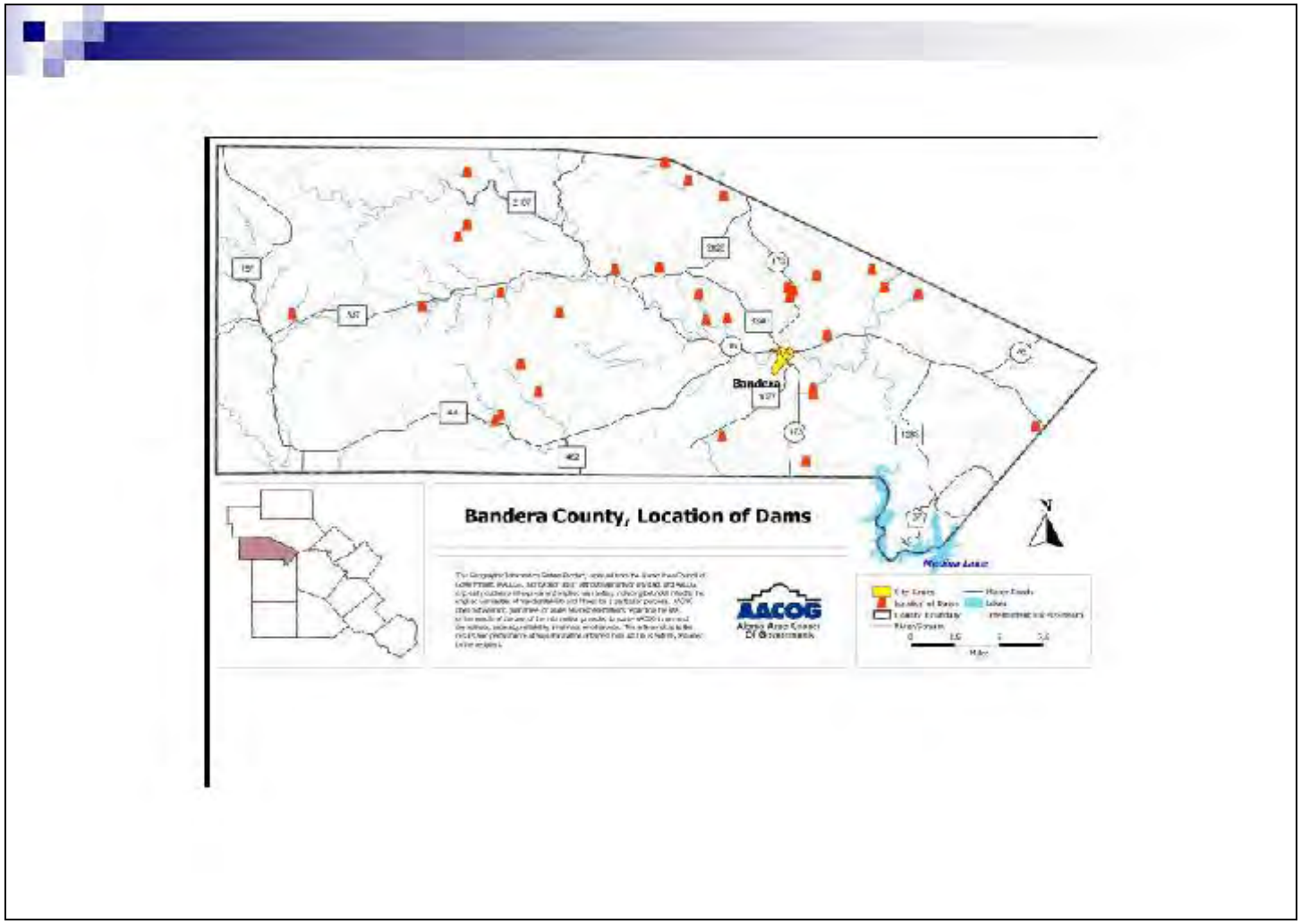

BANDERA COUNTY

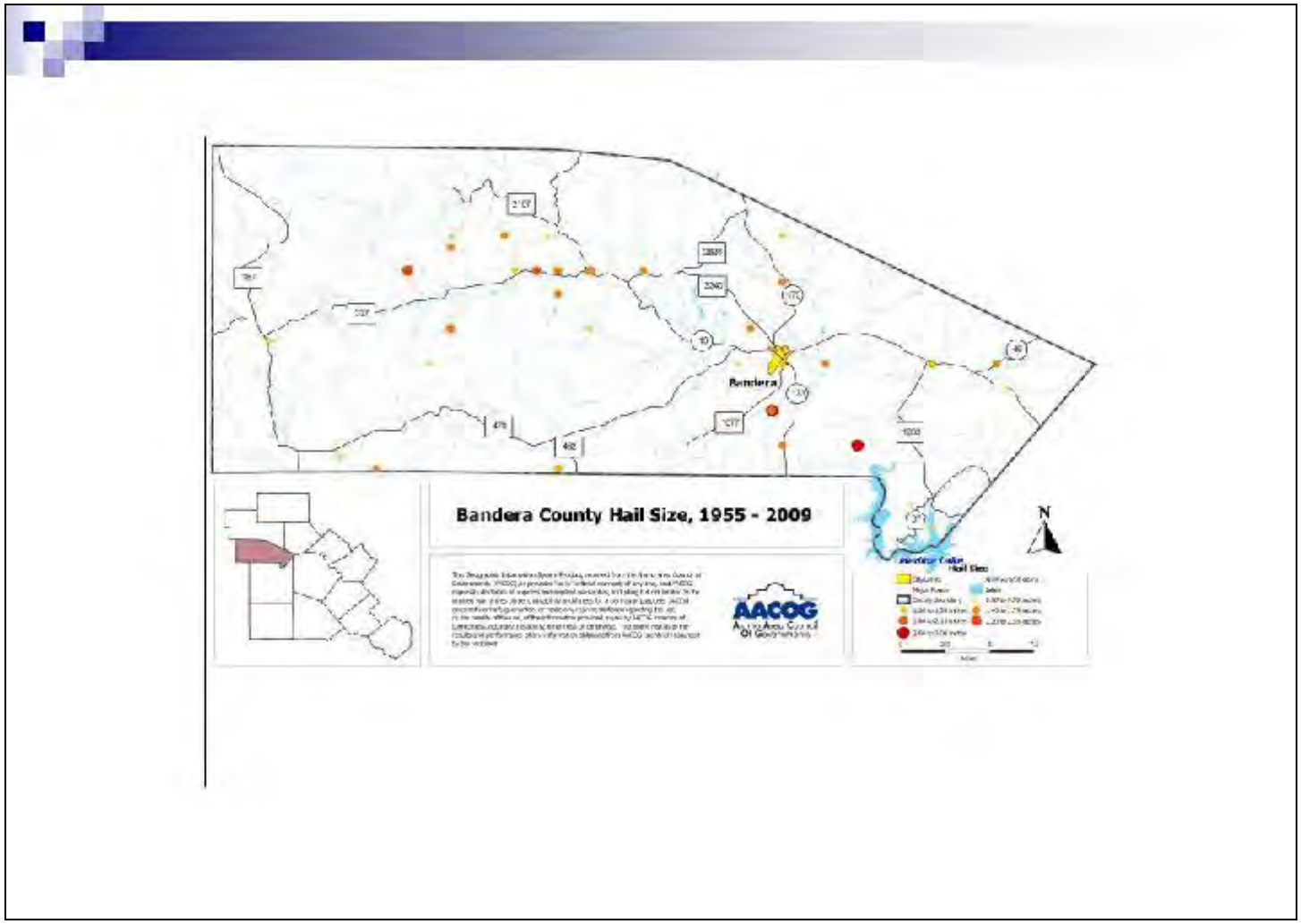

Bandera
Bandera County Base Map
AACOG
Alamo Area Council of Governments
N

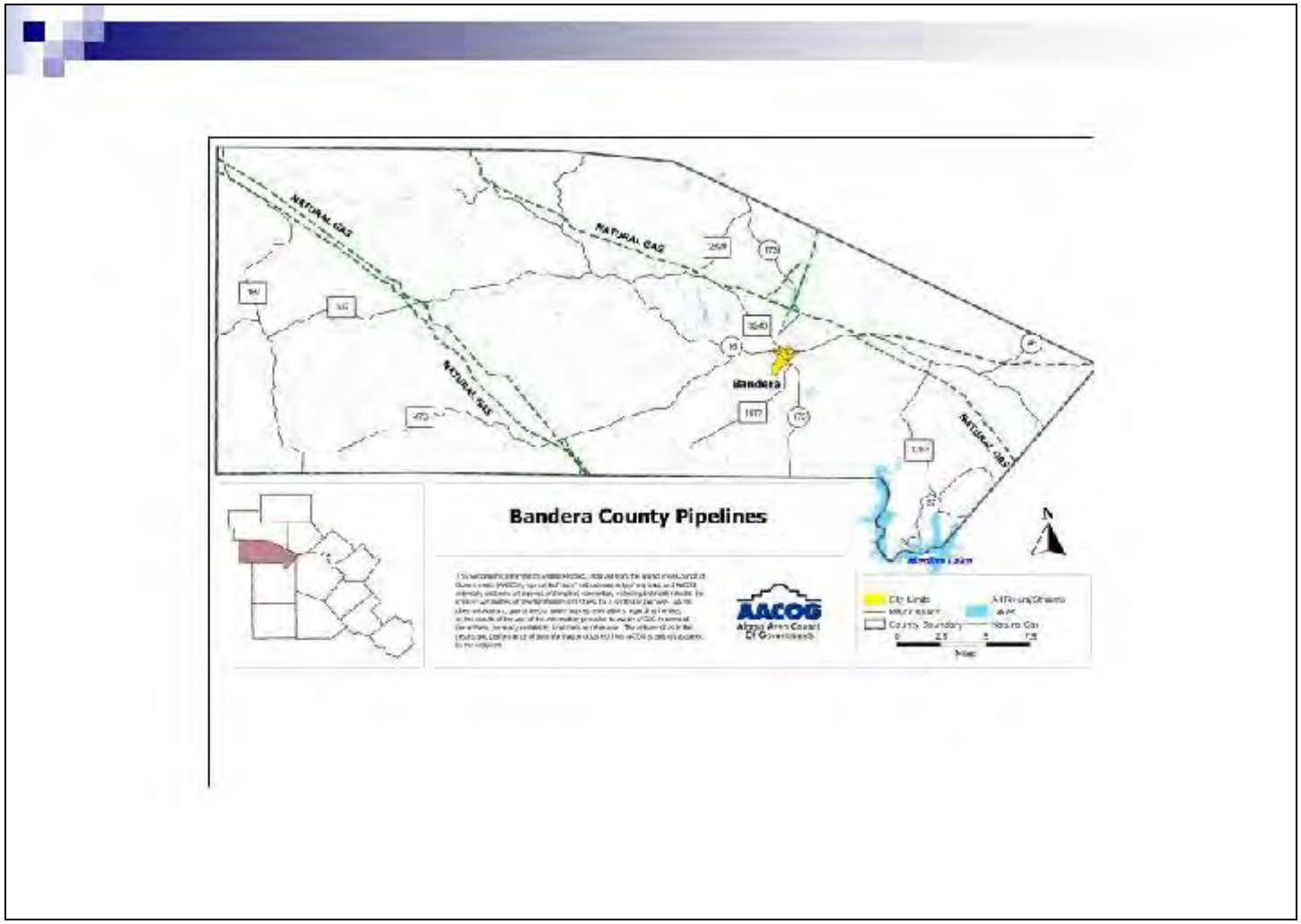

Bandera
Bandera County Agriculture Parcels
AACOG
N

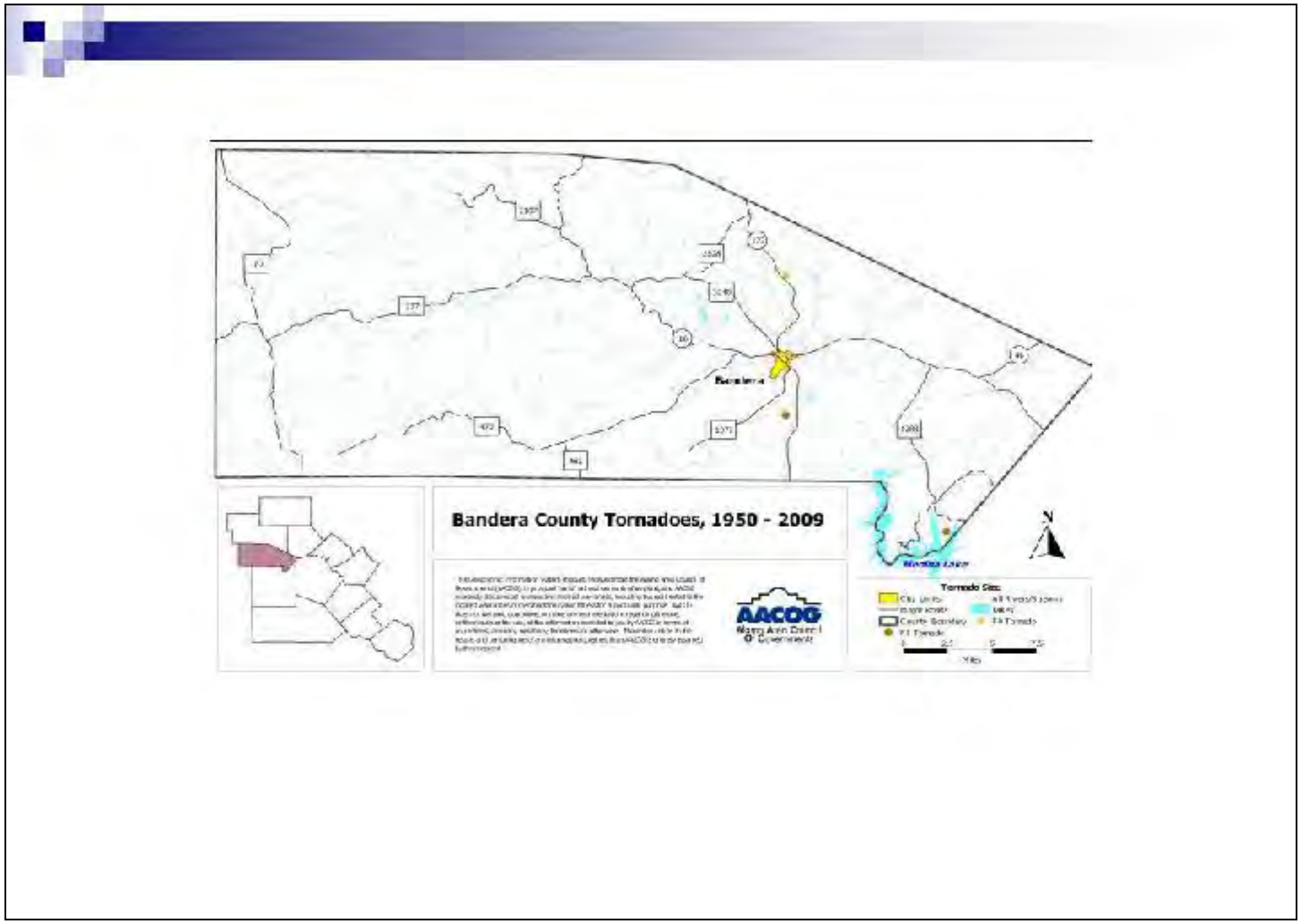

Bandera County 1-Percent
Flood Risk Zones
AACOG

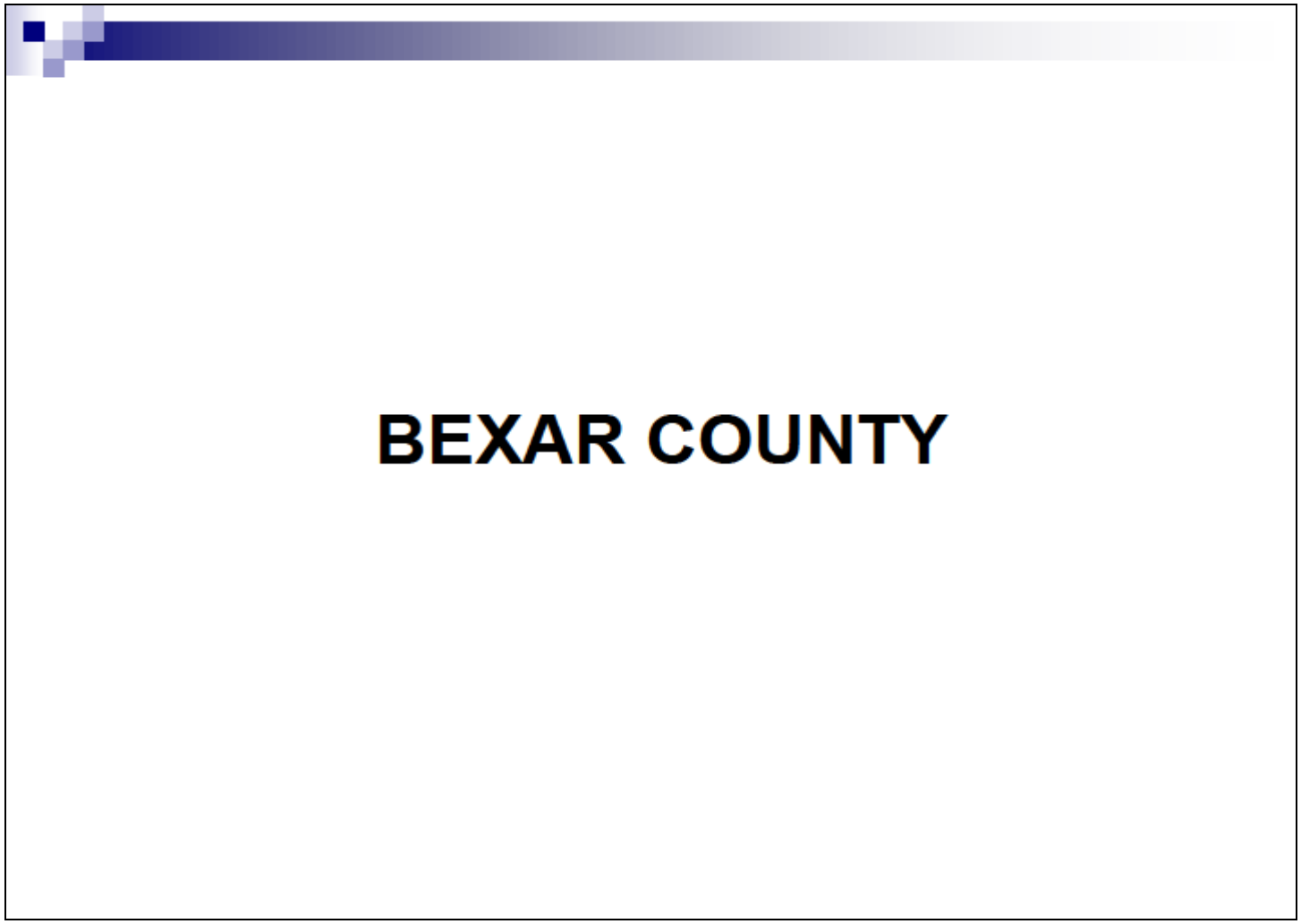

Edwards-Trinity Aquifer
Trinity Aquifer
Bandera
Bandera County Major Aquifers
AACOG
Alamo Area Council Of Governments
N

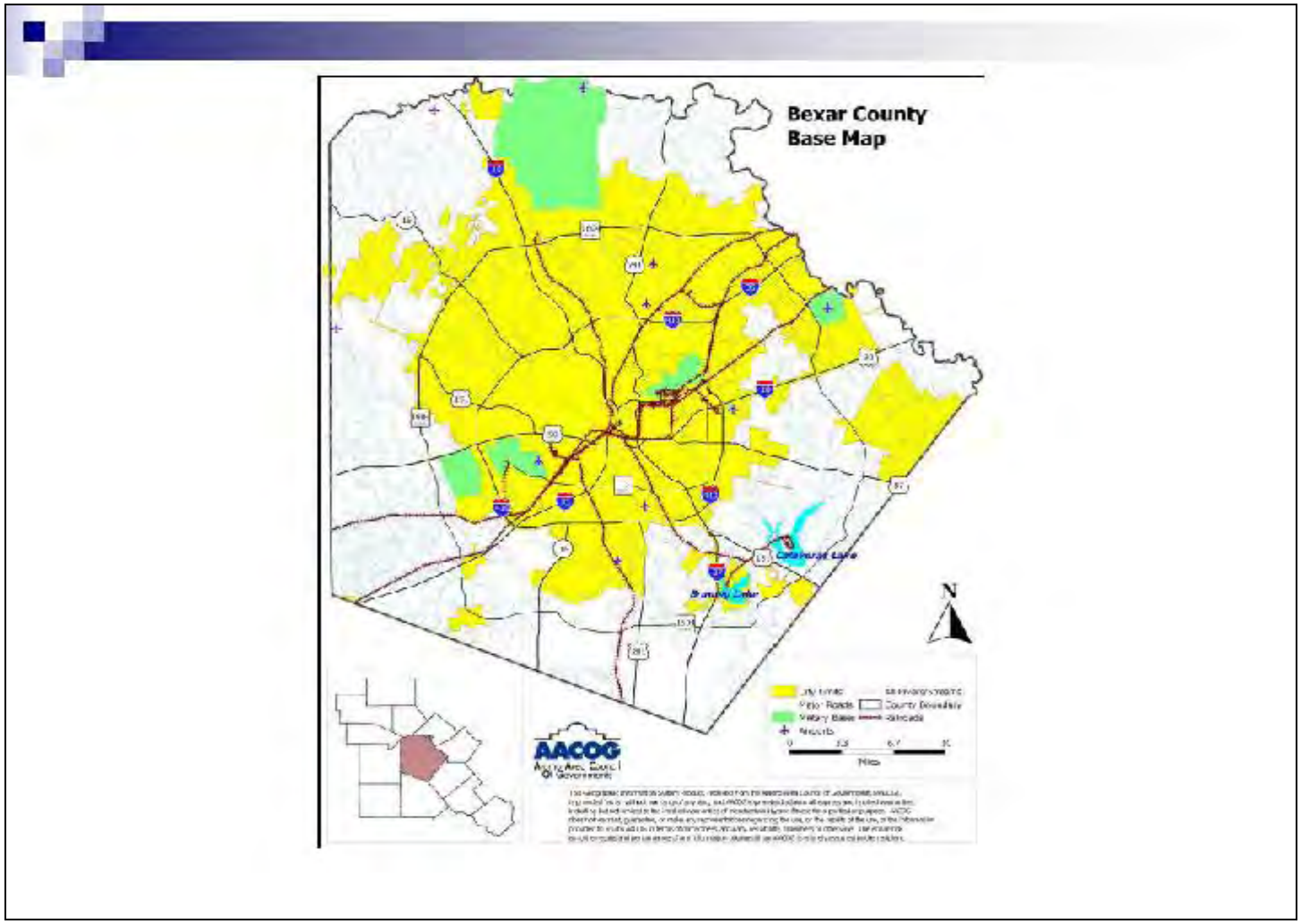

Bandera County, Location of Dams
AACOG
Alamo Area Council Of Governments

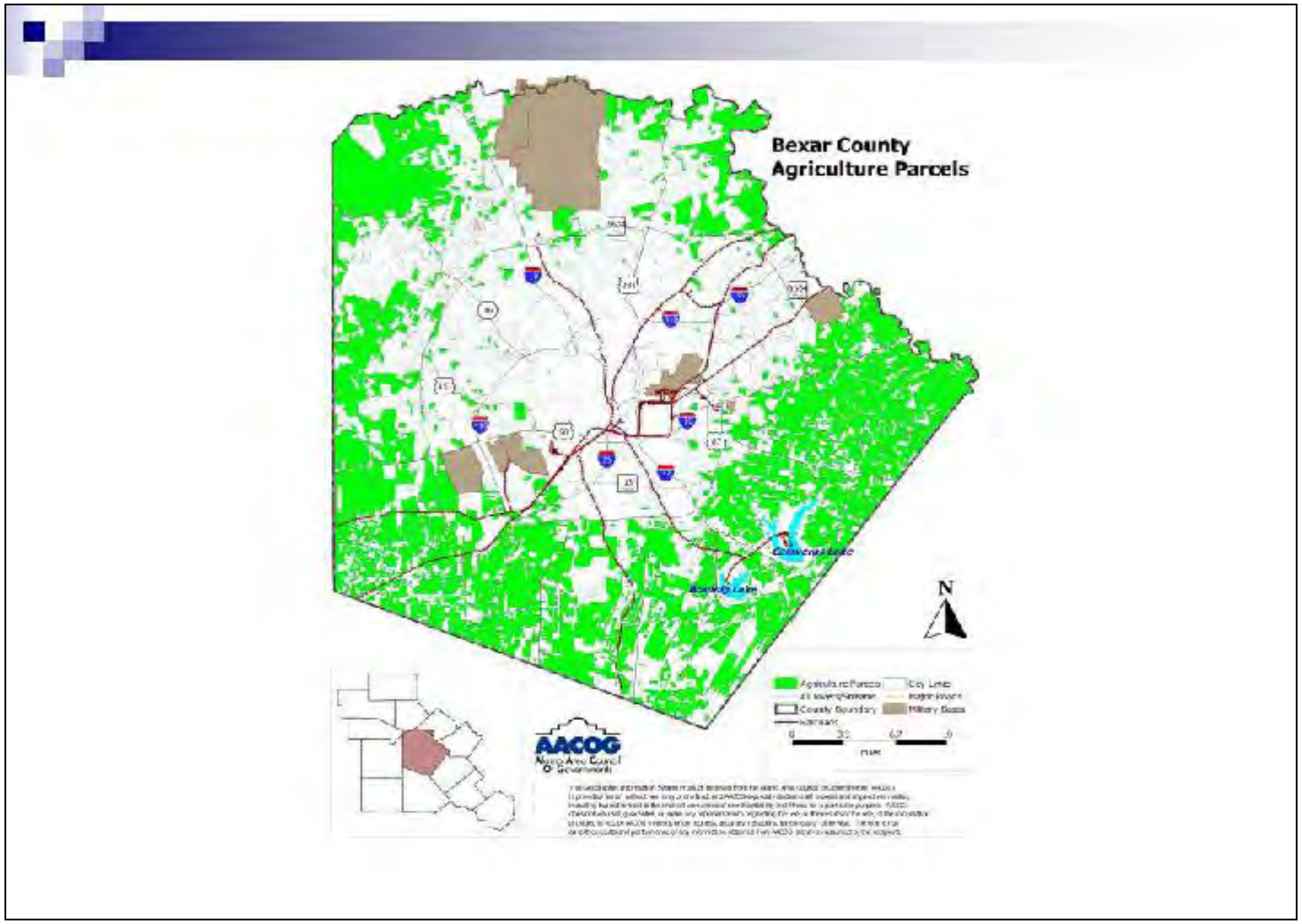

Bandera
Bandera County Hail Size, 1955 - 2009
AACOG
N

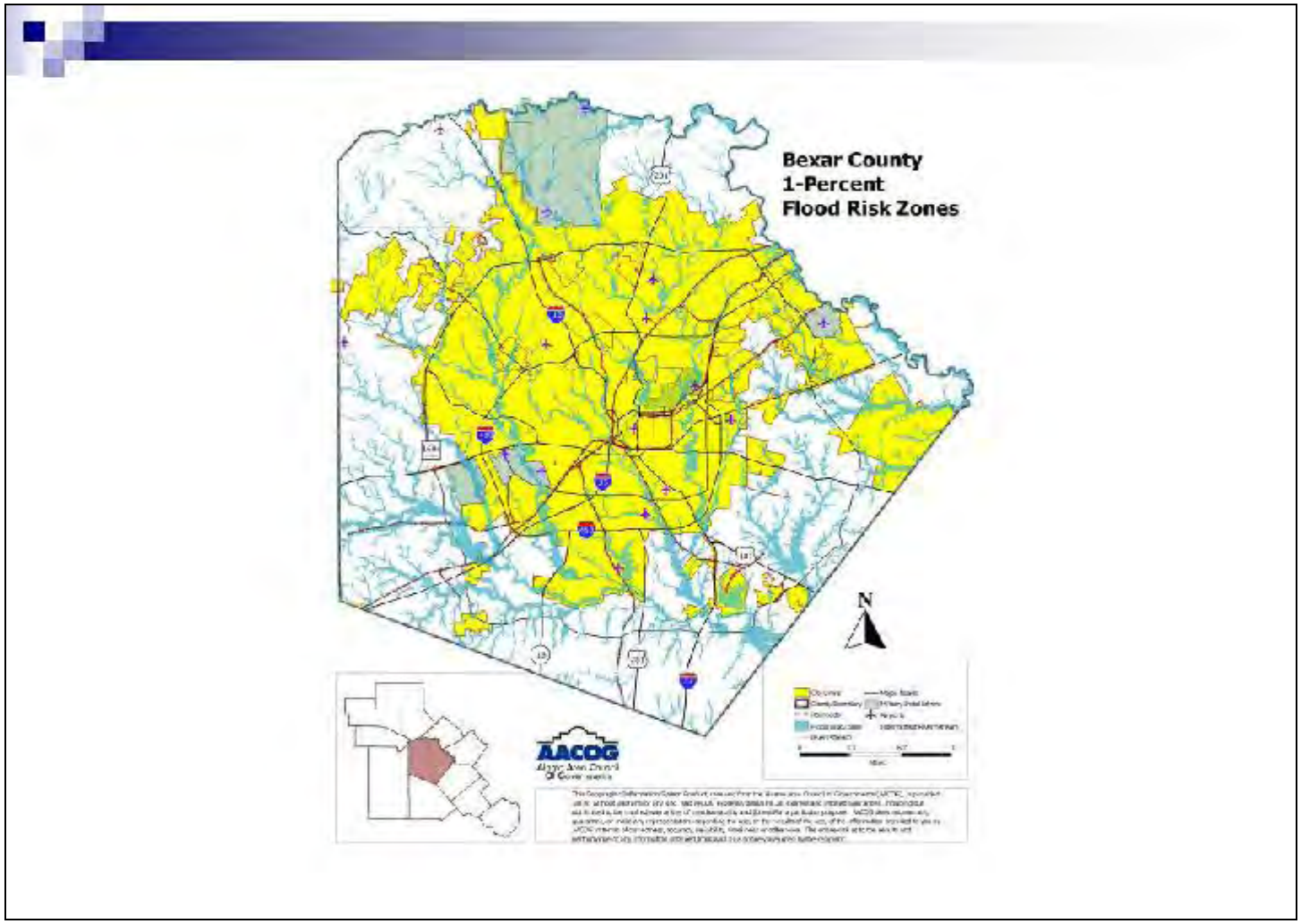

NATURAL GAS
NATURAL GAS
NATURAL GAS
NATURAL GAS
Bandera
Bandera County Pipelines
AACOG
Alamo Area Council of Governments
N

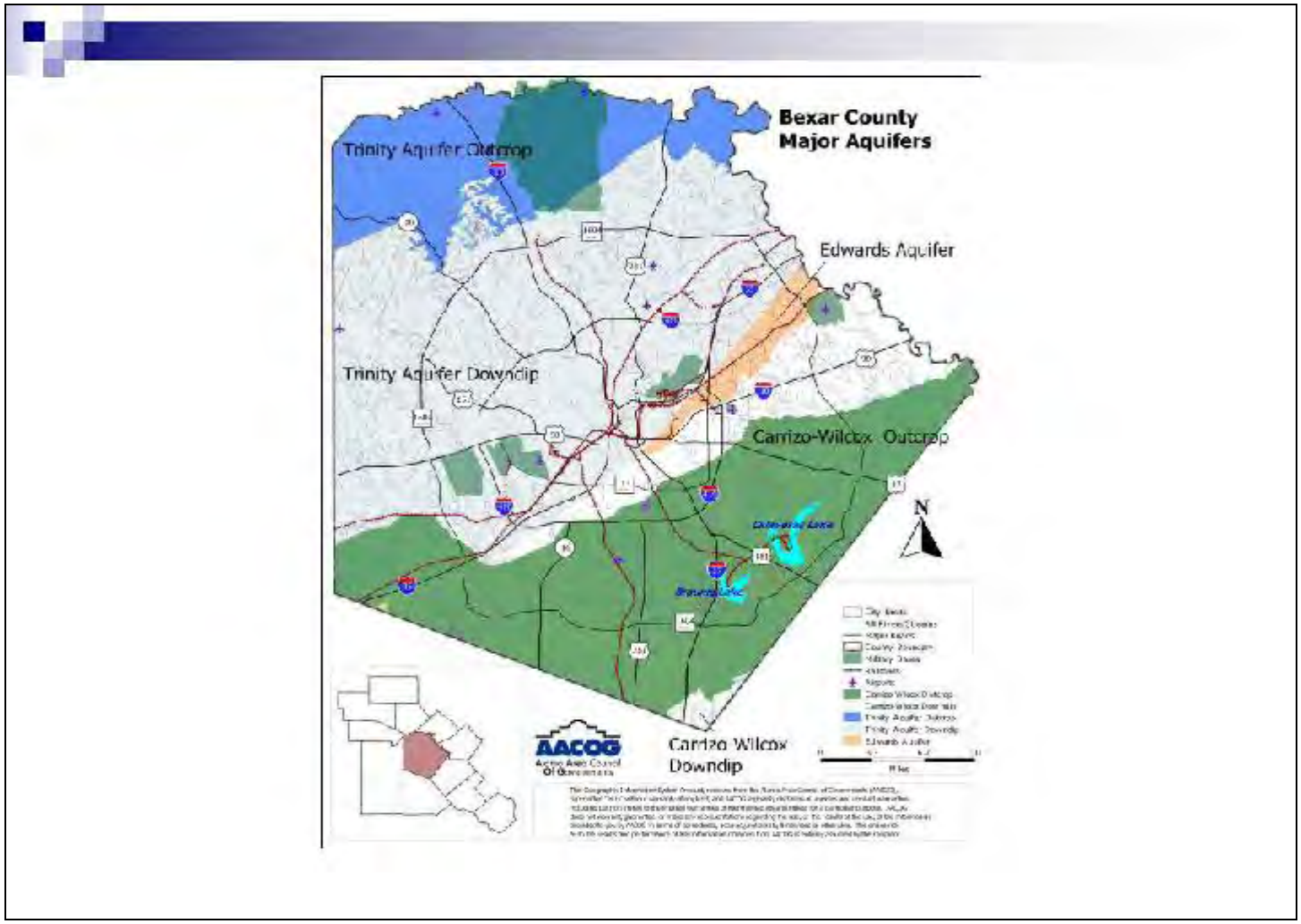

Bandera County Tornadoes, 1950 - 2009
AACOG
N

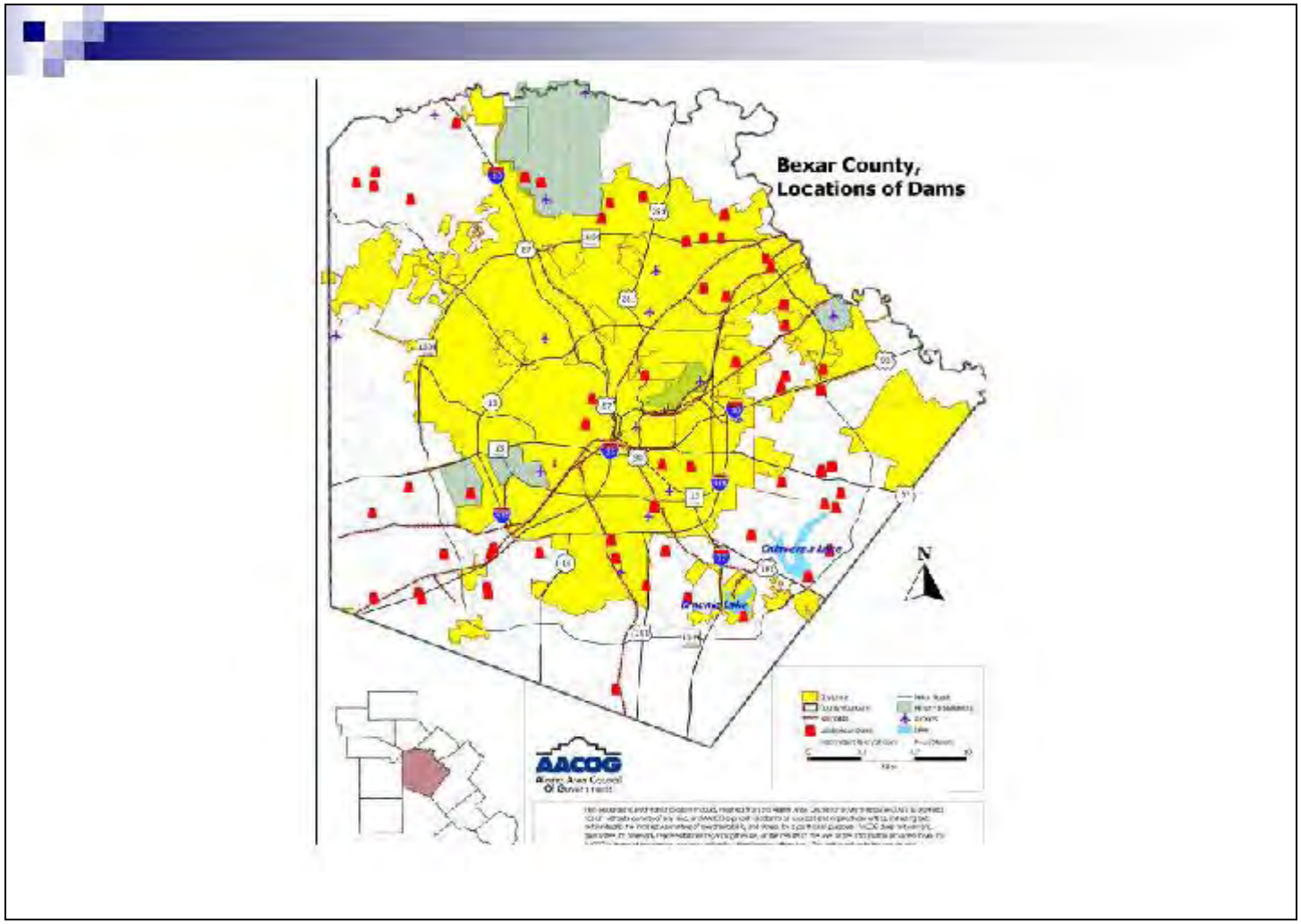

BEXAR COUNTY

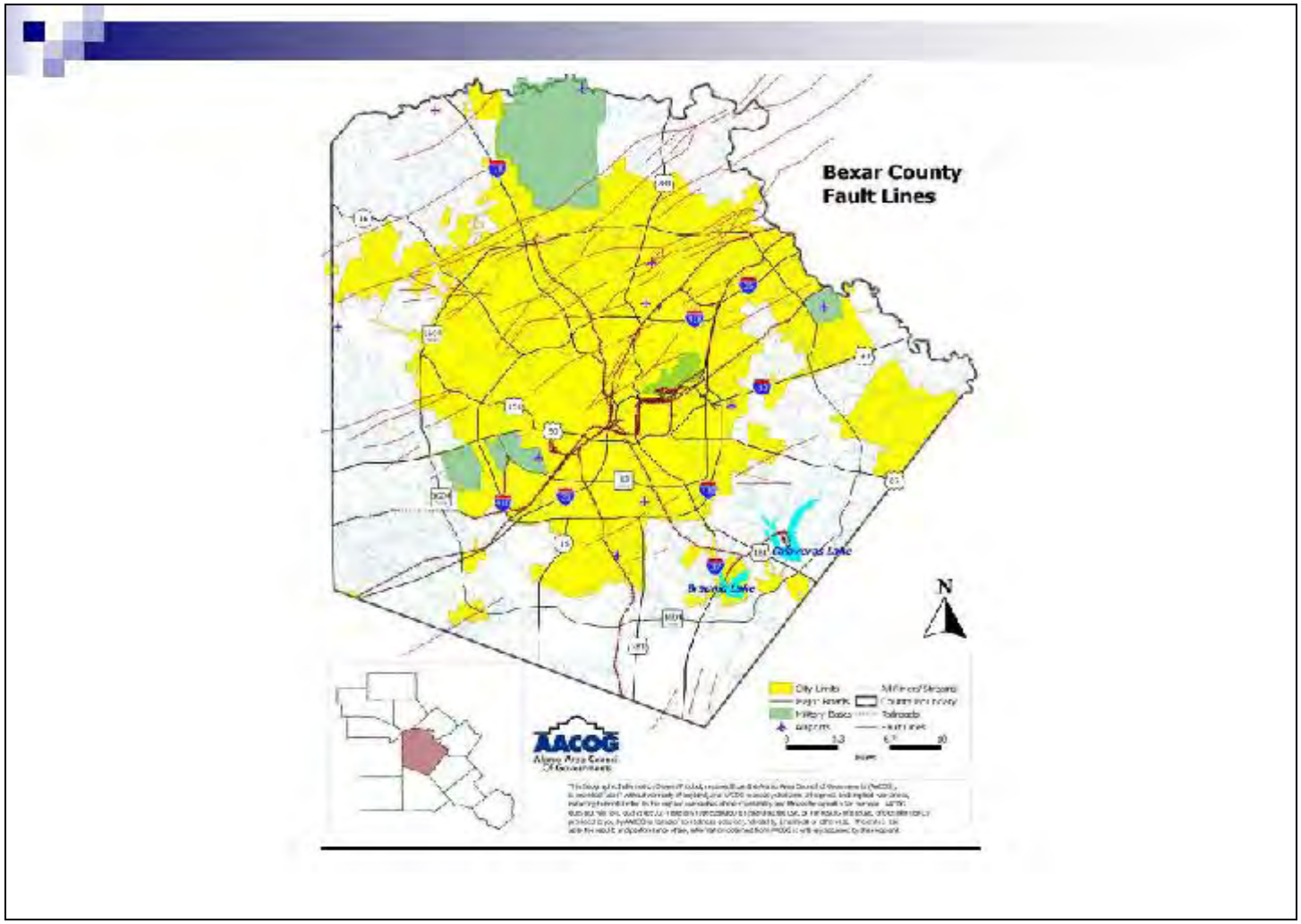

Bexar County
Base Map
N
AACOG

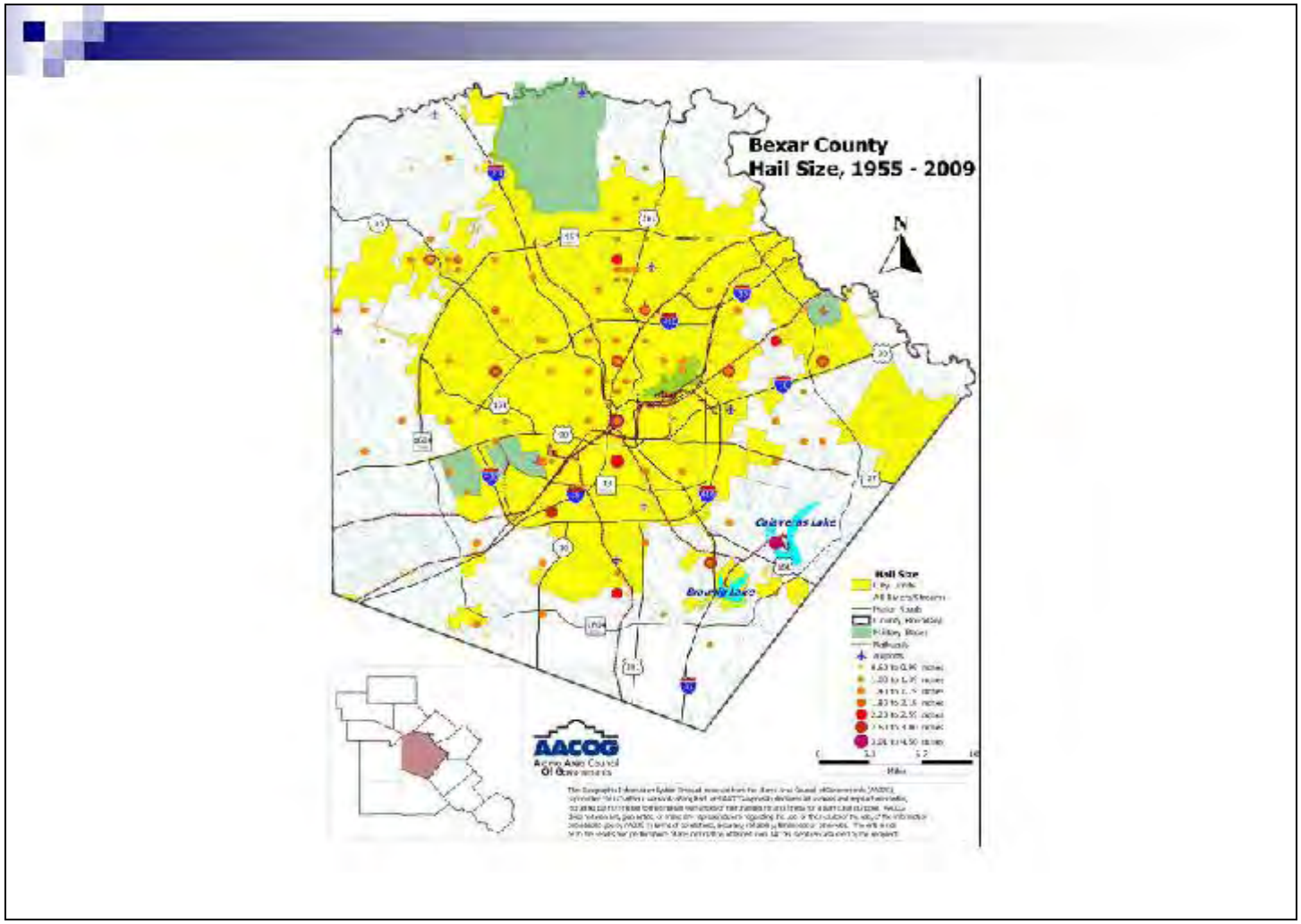

Bexar County
Agriculture Parcels
N
AACOG

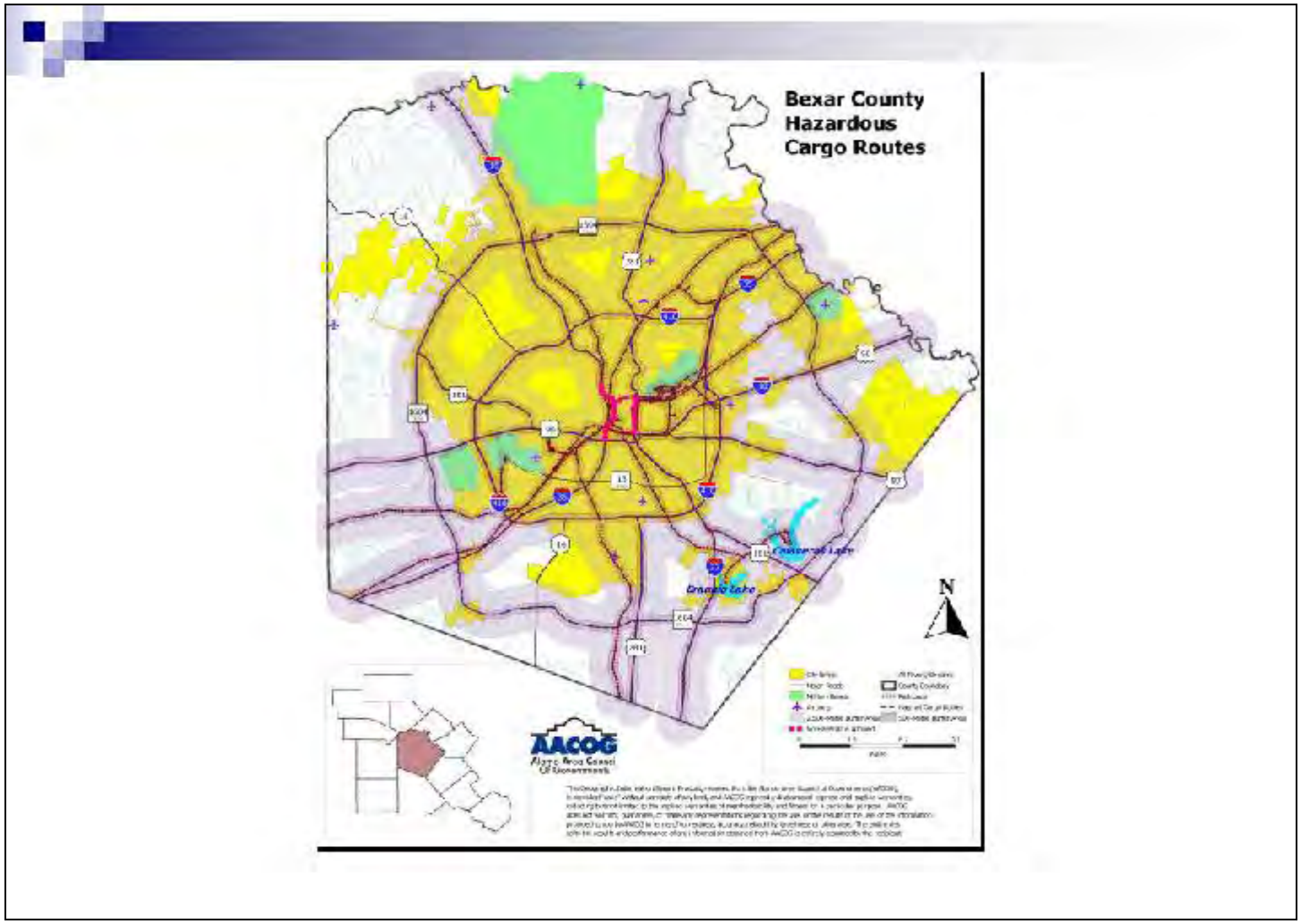

Bexar County
1-Percent
Flood Risk Zones
N
AACOG

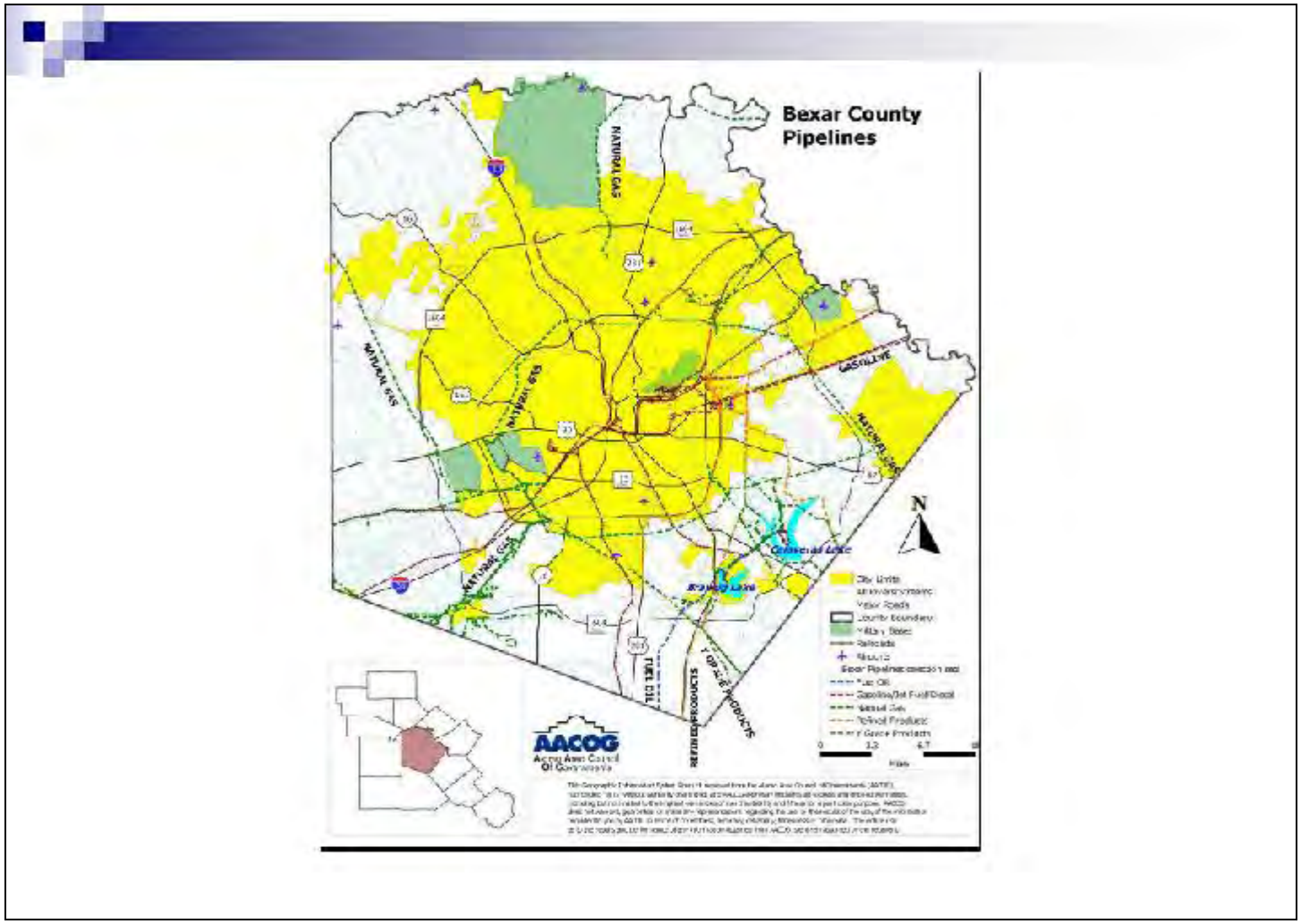

Bexar County
Major Aquifers
Trinity Aquifer Outcrop
Edwards Aquifer
Trinity Aquifer Downdip
Carrizo-Wilcox Outcrop
N
AACOG
Carrizo Wilcox
Downdip

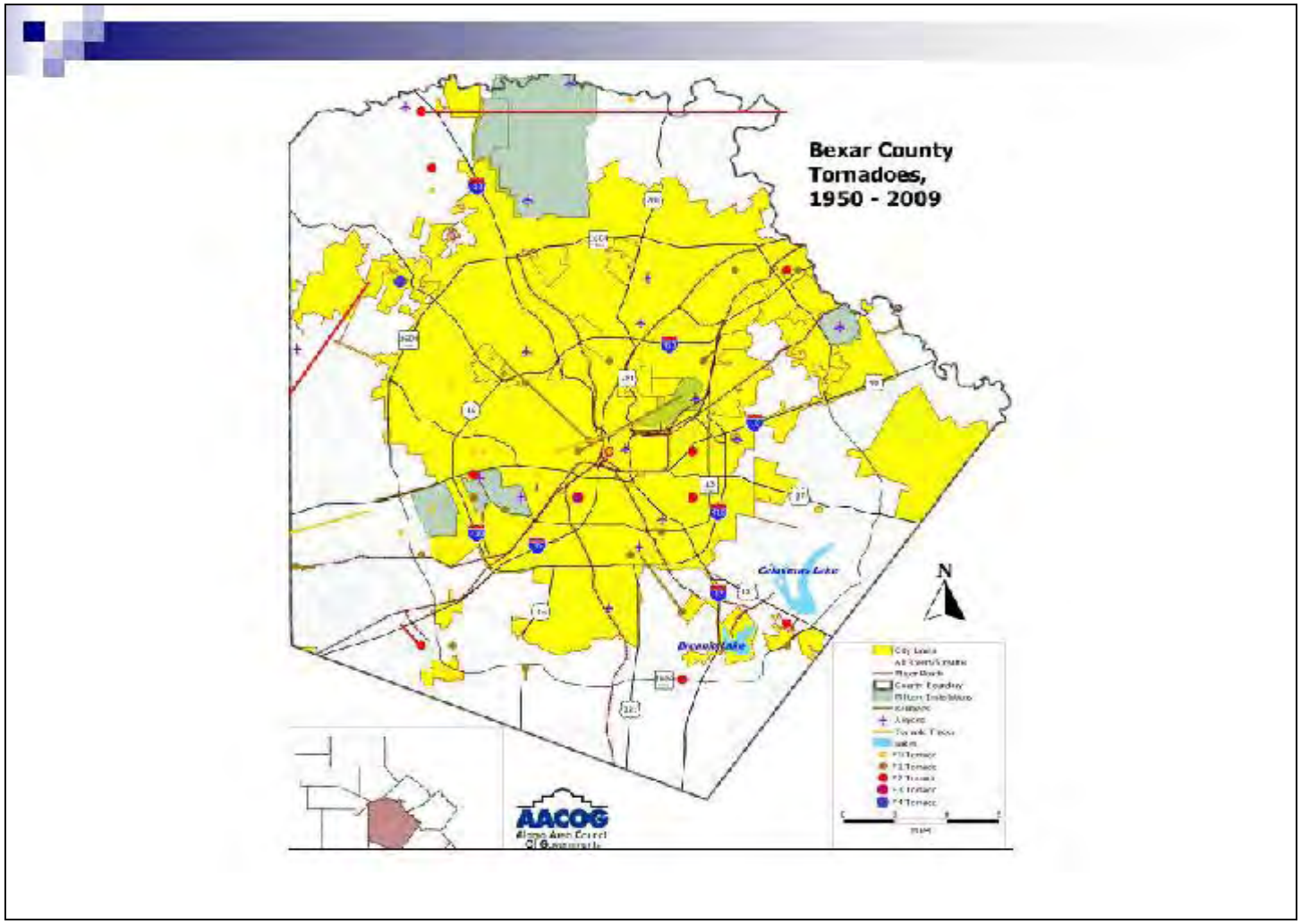

Bexar County,
Locations of Dams
N
AACOG

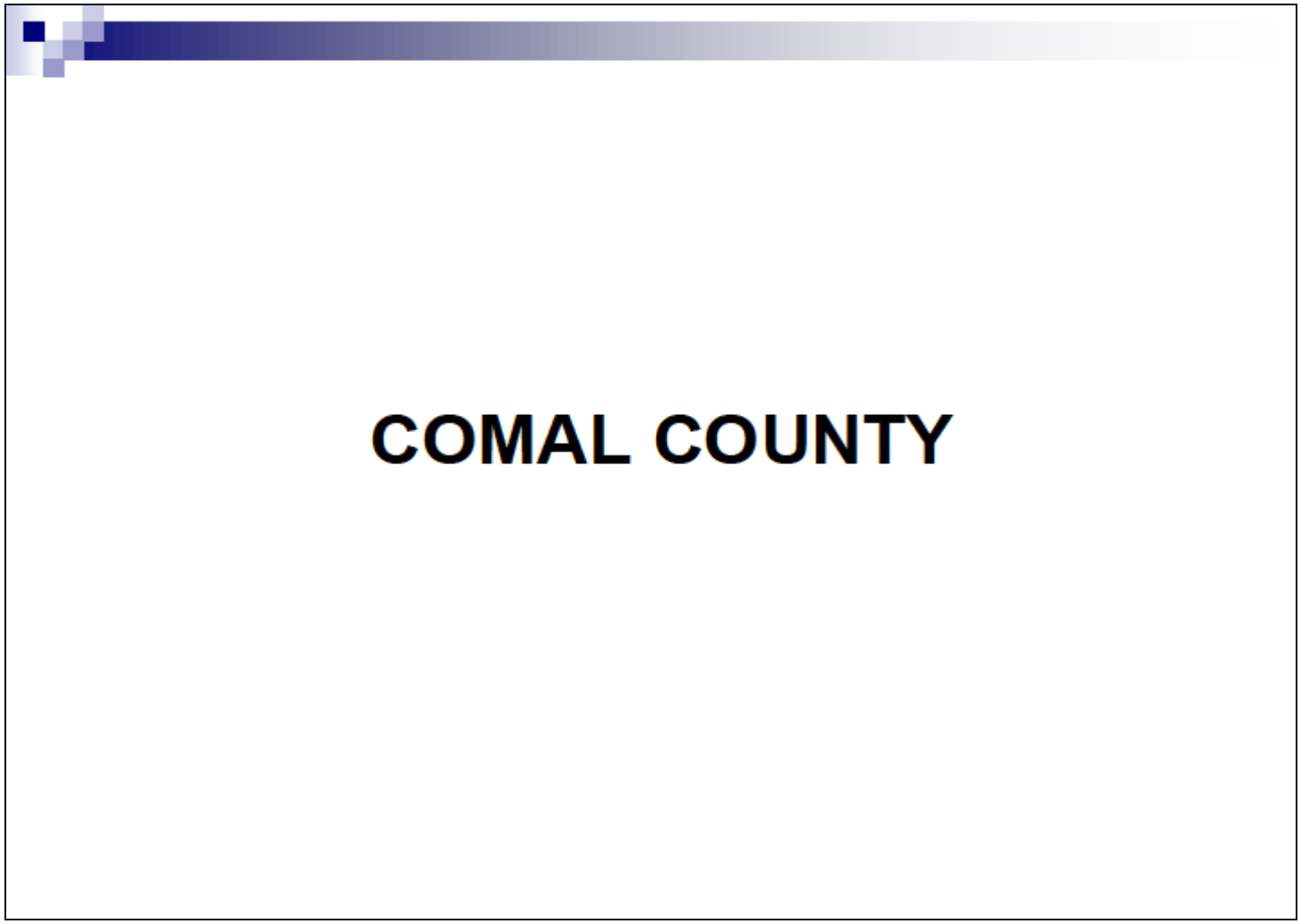

Bexar County
Fault Lines
N
AACOG

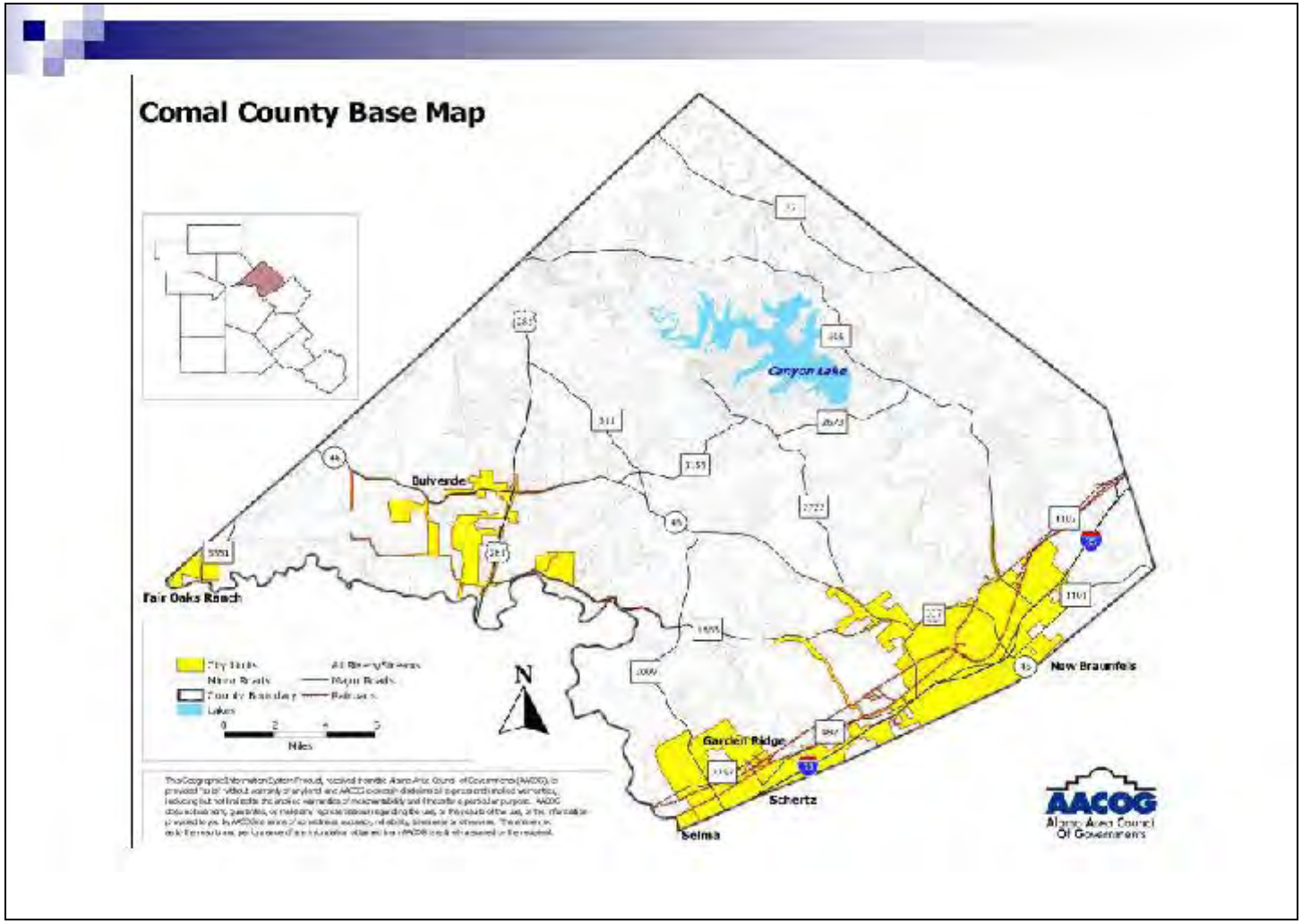

Bexar County
Hail Size, 1955 - 2009
N
Canyon Lake
Braunig Lake
Hail Size
AACOG
Alamo Area Council Of Governments

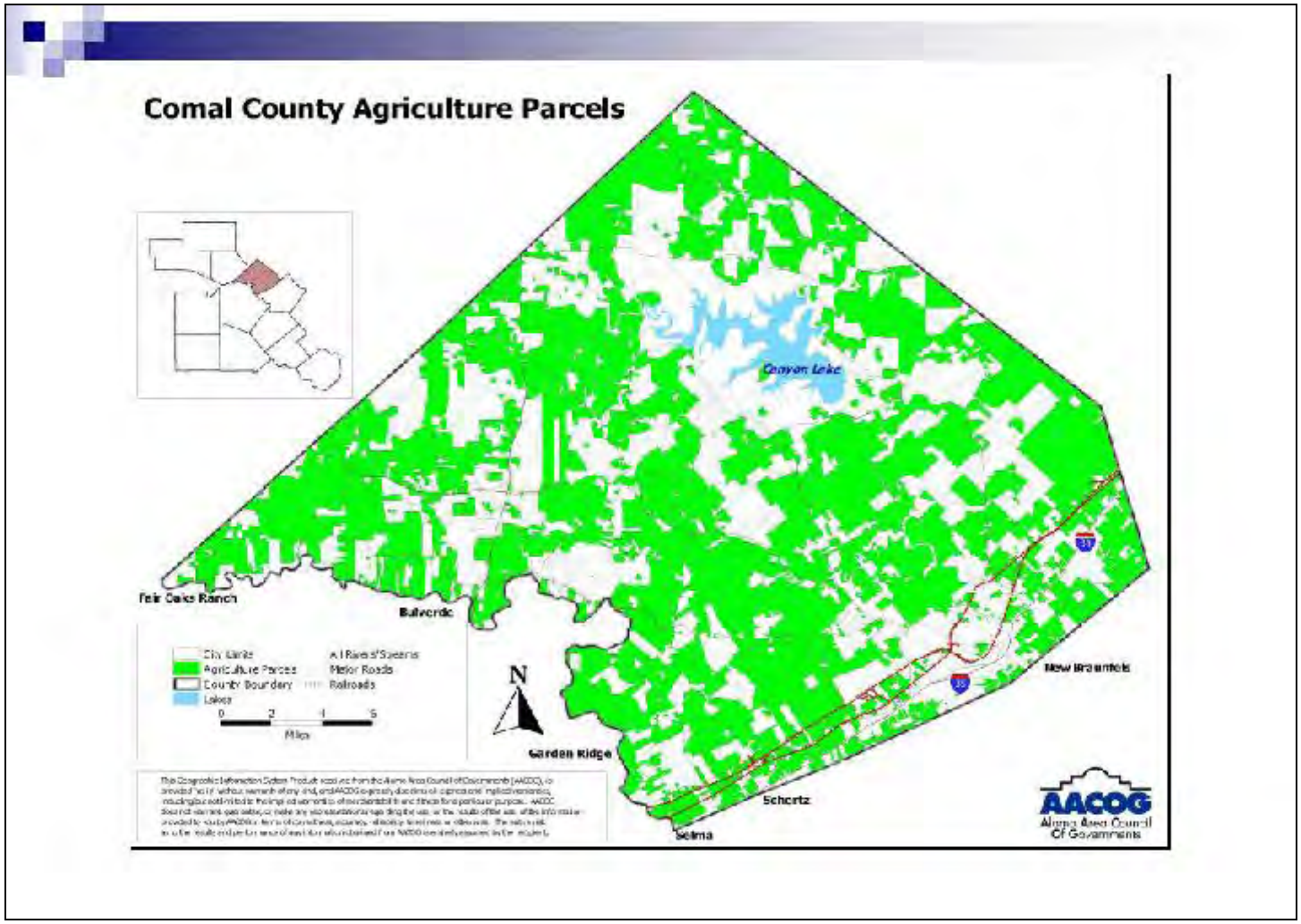

Bexar County
Hazardous
Cargo Routes
N
AACOG

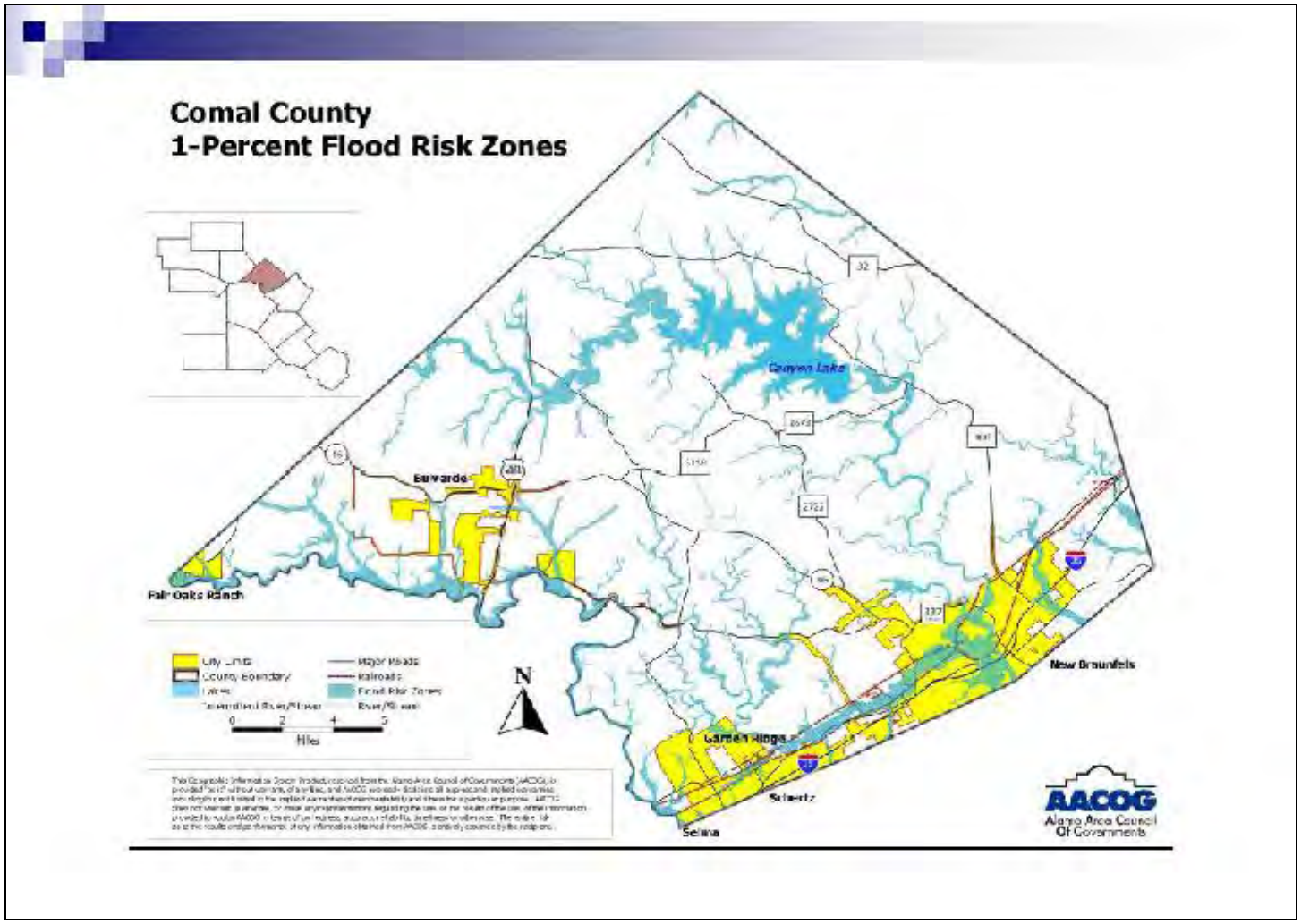

Bexar County
Pipelines
NATURAL GAS
GASOLINE
TUEL OIL
REFINED PRODUCTS
N
AACOG

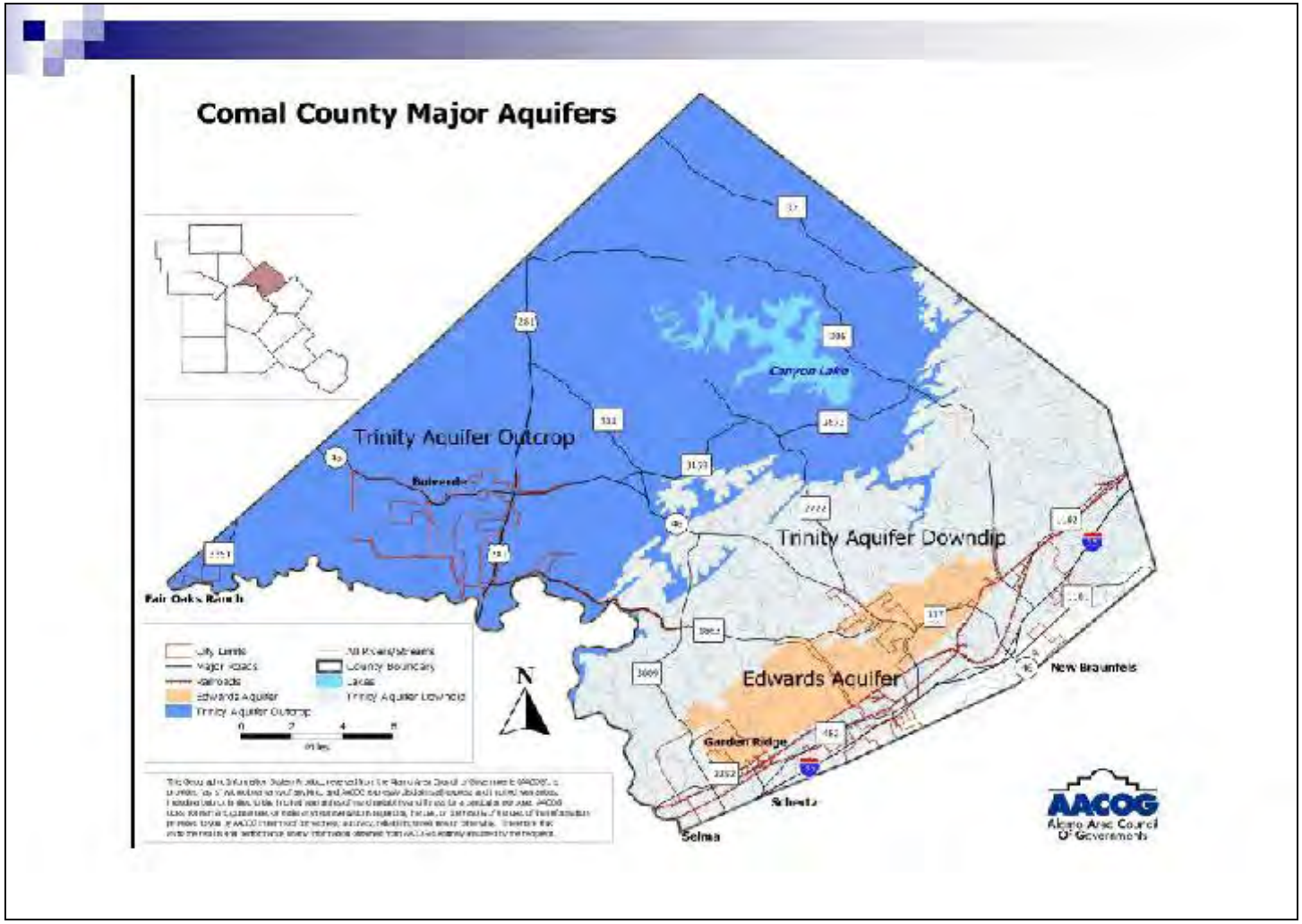

Bexar County
Tornadoes,
1950 - 2009
N
AACOG

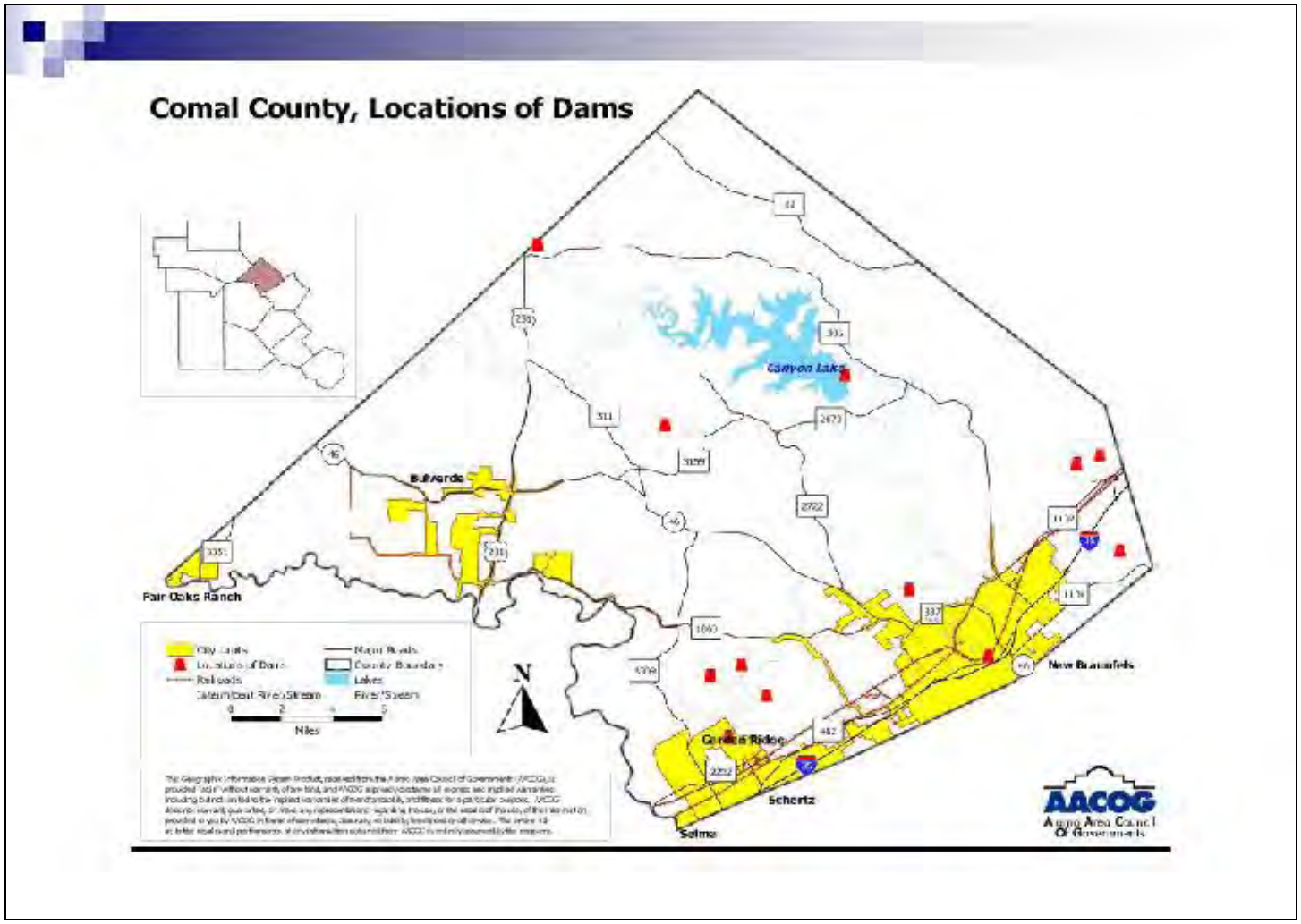

COMAL COUNTY

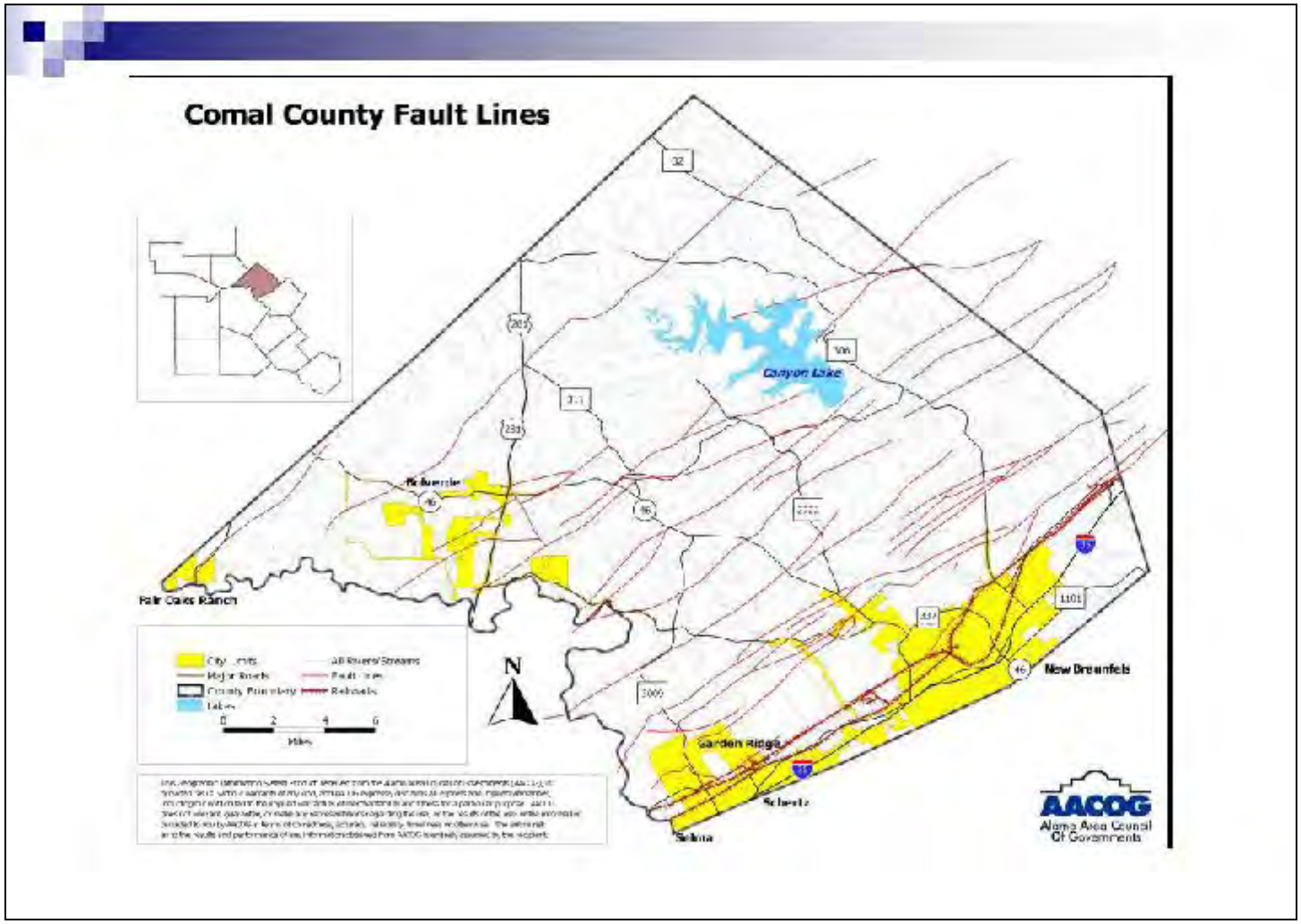

Comal County Base Map
Canyon Lake
Bulverde
Fair Oaks Ranch
New Braunfels
Garden Ridge
Schertz
Selma
N
Miles
AACOG
Alamo Area Council Of Governments

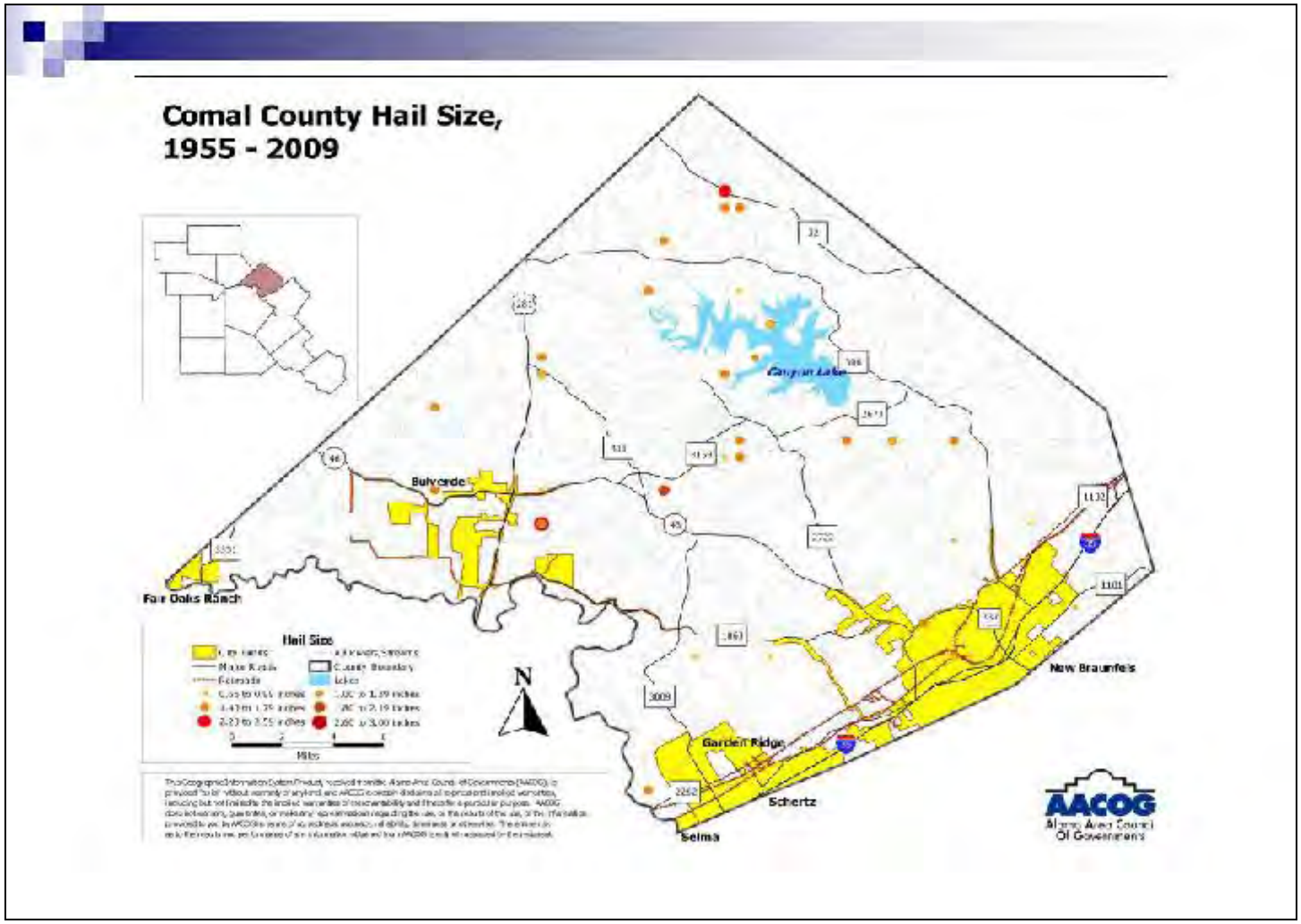

Comal County Agriculture Parcels
Canyon Lake
Fair Oaks Ranch
Bulverde
New Braunfels
Garden Ridge
Schertz
Selma
N
Agriculture Parcels
County Boundary
Lakes
All Rivers/Streams
Major Roads
Railroads
Miles
AACOG
Alamo Area Council Of Governments

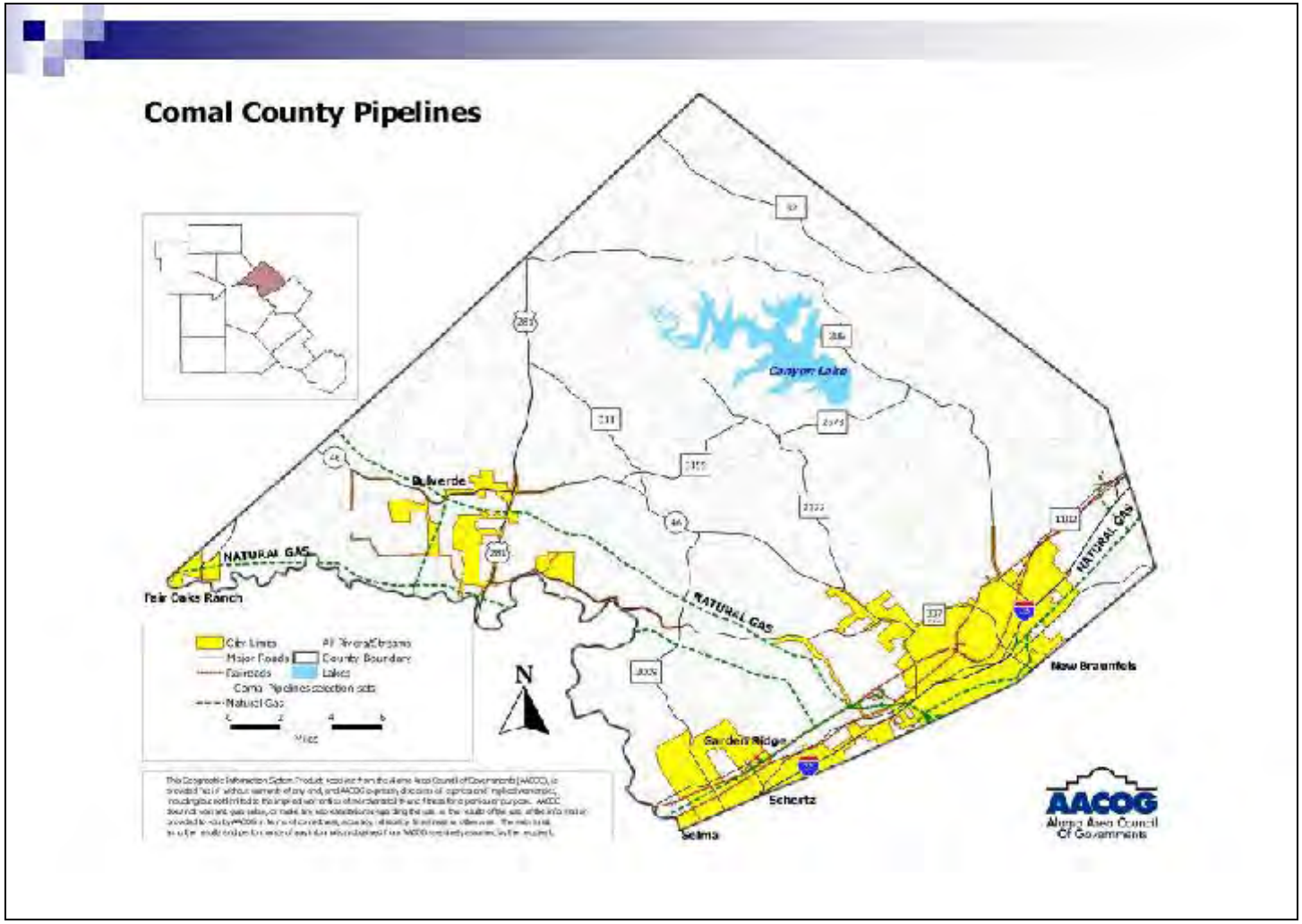

Comal County
1-Percent Flood Risk Zones
Canyon Lake
Bulverde
Fair Oaks Ranch
Garden Ridge
Selma
Schertz
New Braunfels
N
Miles
AACOG
Alamo Area Council Of Governments

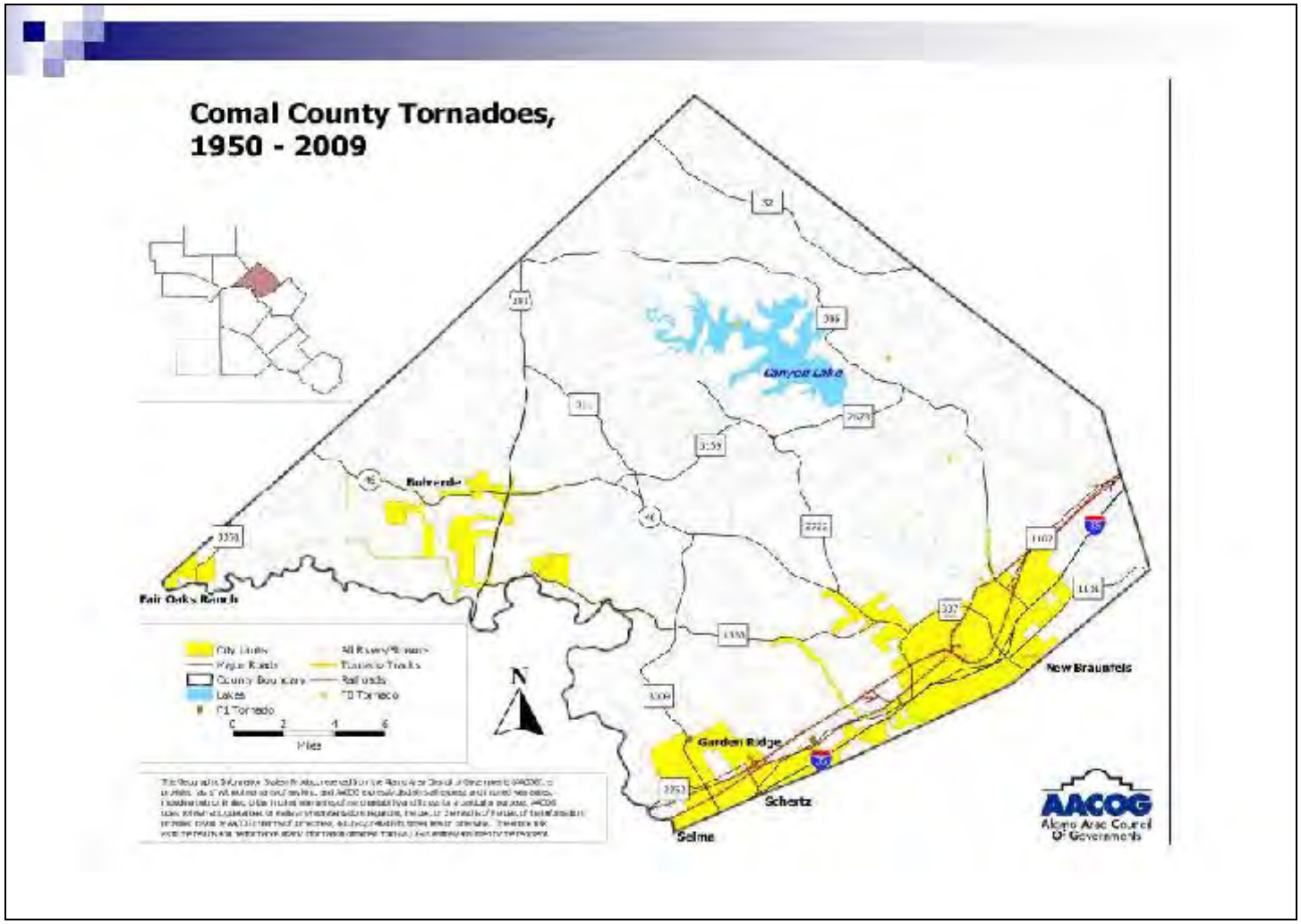

Comal County Major Aquifers
Trinity Aquifer Outcrop
Trinity Aquifer Downdip
Edwards Aquifer
Canyon Lake
Boerne
Fair Oaks Ranch
Garden Ridge
Schertz
Selma
New Braunfels
N
AACOG
Alamo Area Council Of Governments

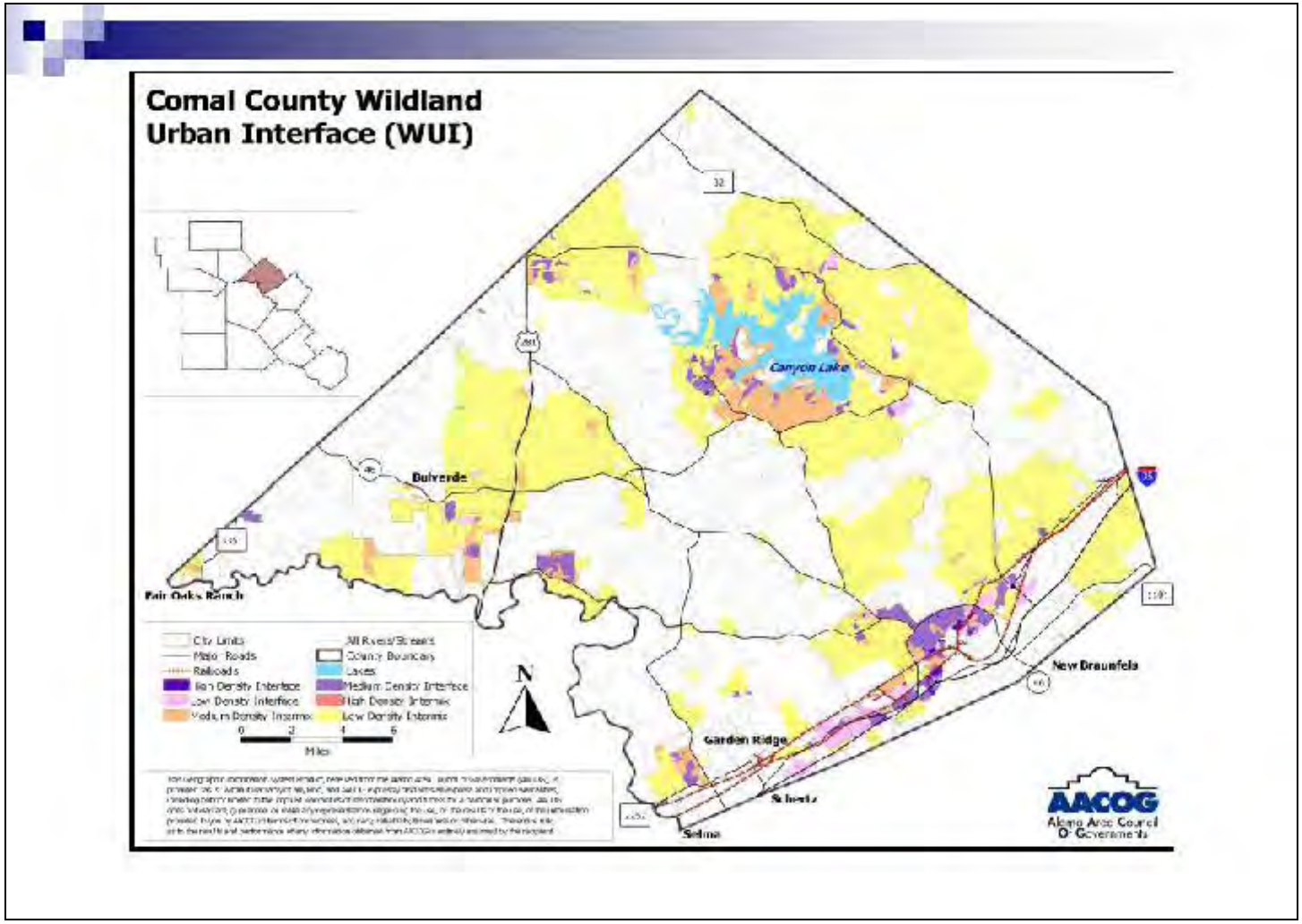

Comal County, Locations of Dams
Canyon Lake
Bulverde
Fair Oaks Ranch
Garden Ridge
Schertz
Selma
New Braunfels
Miles
AACOG
Alamo Area Council Of Governments


Comal County Fault Lines
Canyon Lake
Fair Oaks Ranch
New Braunfels
Garden Ridge
Schertz
Selma
N
AACOG
Alamo Area Council Of Governments

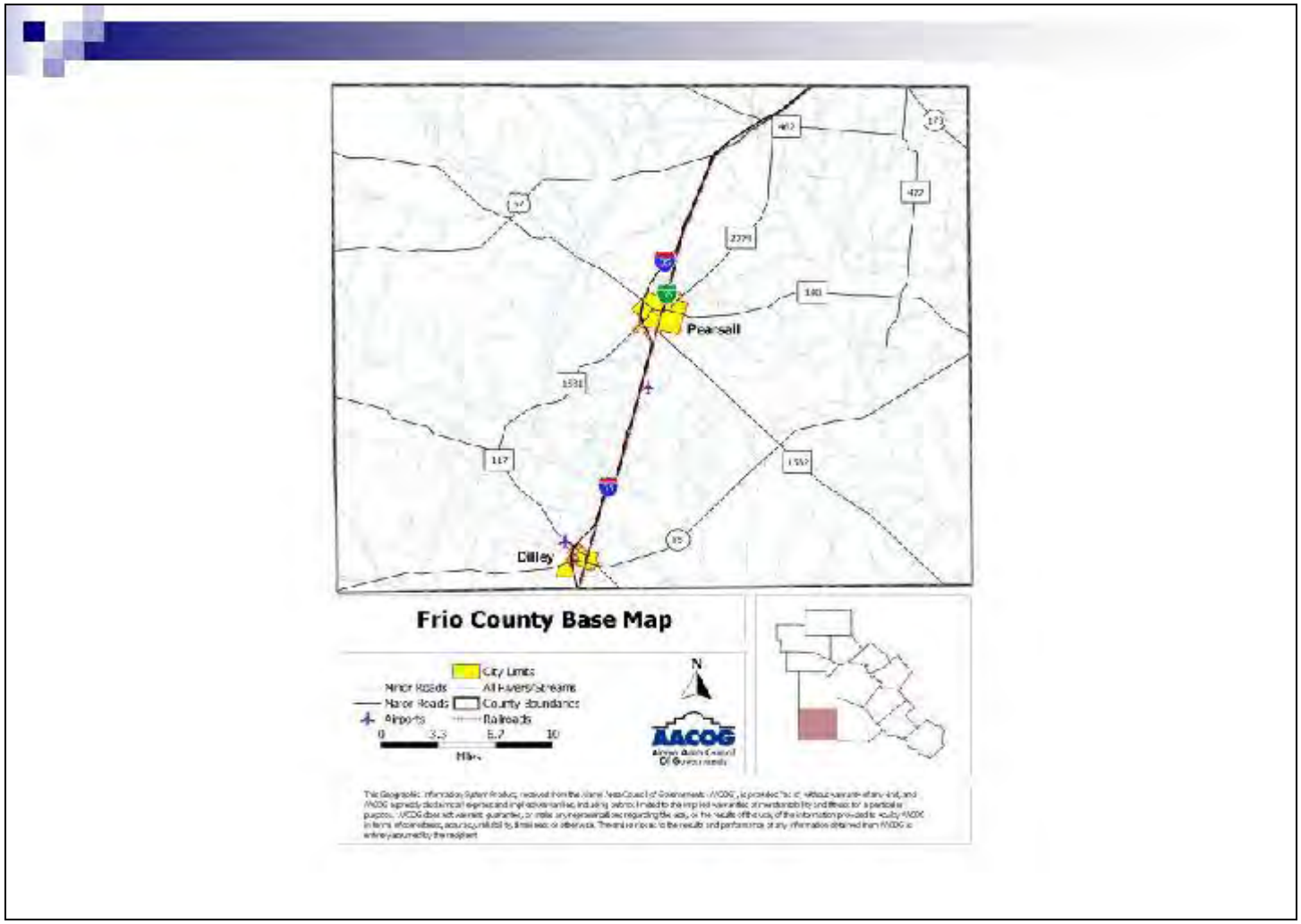

Comal County Hail Size,
1955 - 2009
Bulverde
Fair Oaks Ranch
New Braunfels
Garden Ridge
Schertz
Selma
Hail Size
N
AACOG

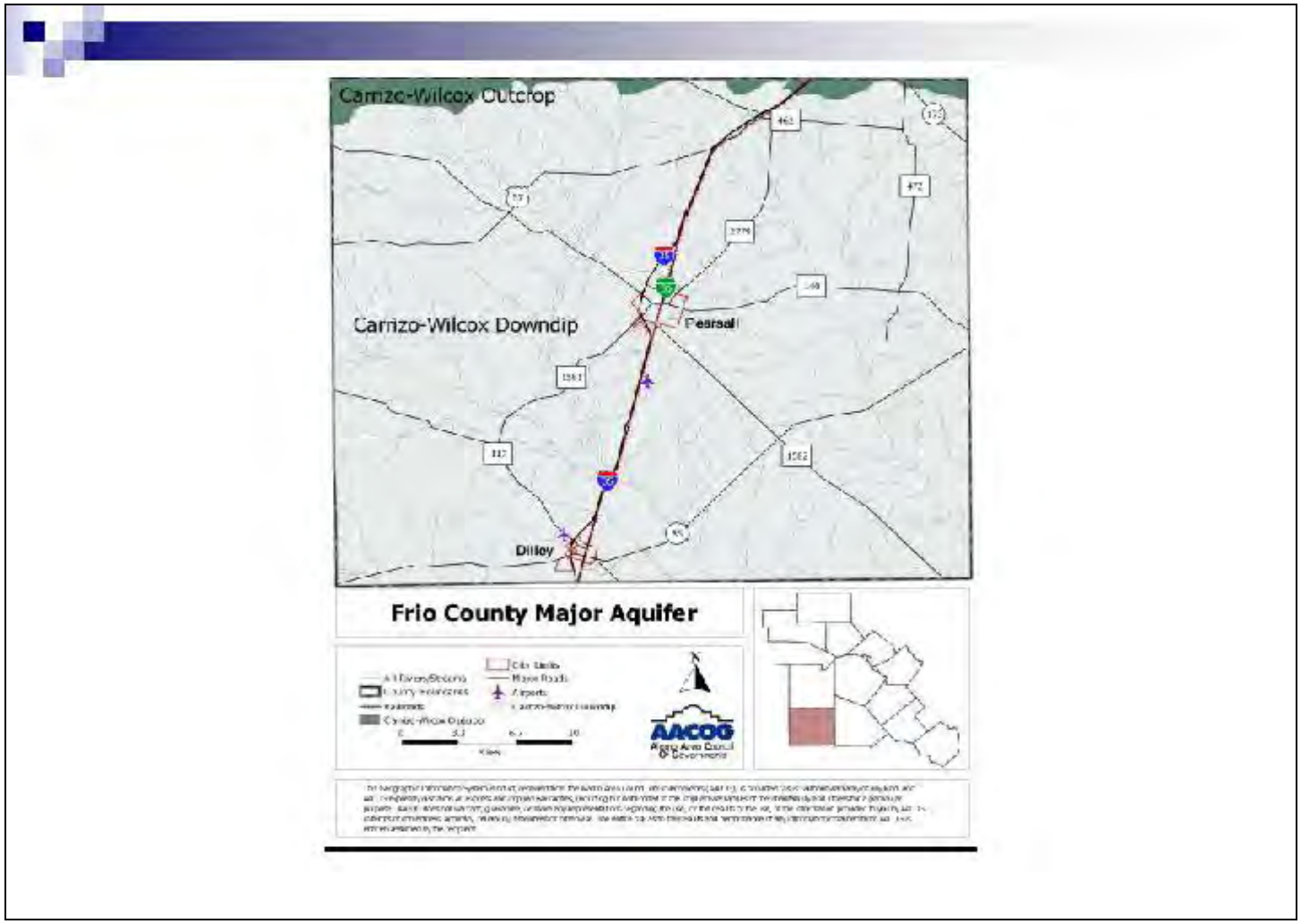

Comal County Pipelines
Canyon Lake
Bulverde
NATURAL GAS
Fair Oaks Ranch
NATURAL GAS
NATURAL GAS
New Braunfels
Garden Ridge
Schertz
Selma
N
AACOG
Alamo Area Council Of Governments

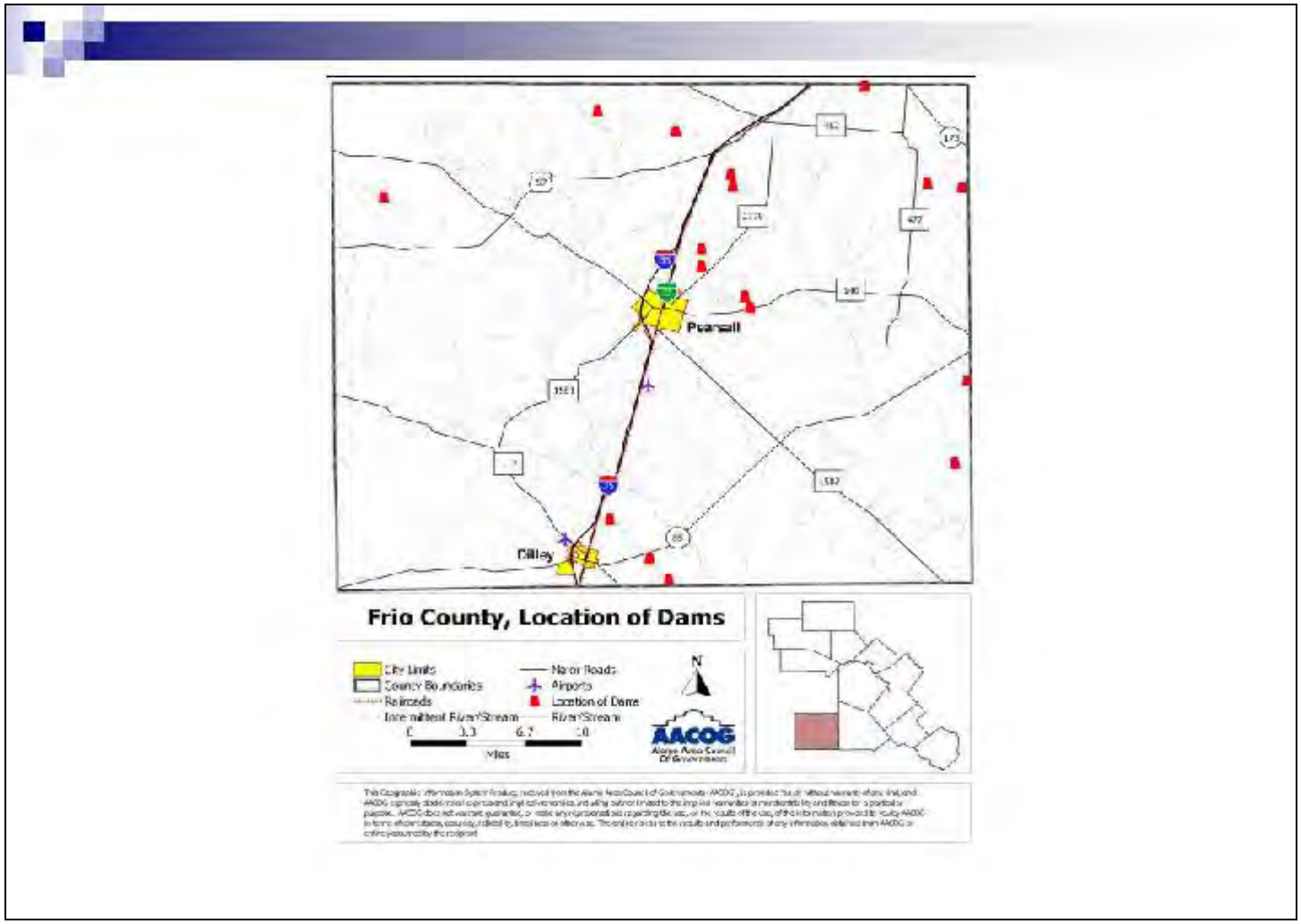

Comal County Tornadoes,
1950 - 2009
Canyon Lake
Bulverde
Fair Oaks Ranch
Garden Ridge
Schertz
Selma
New Braunfels
N
Miles
AACOG
Alamo Area Council Of Governments

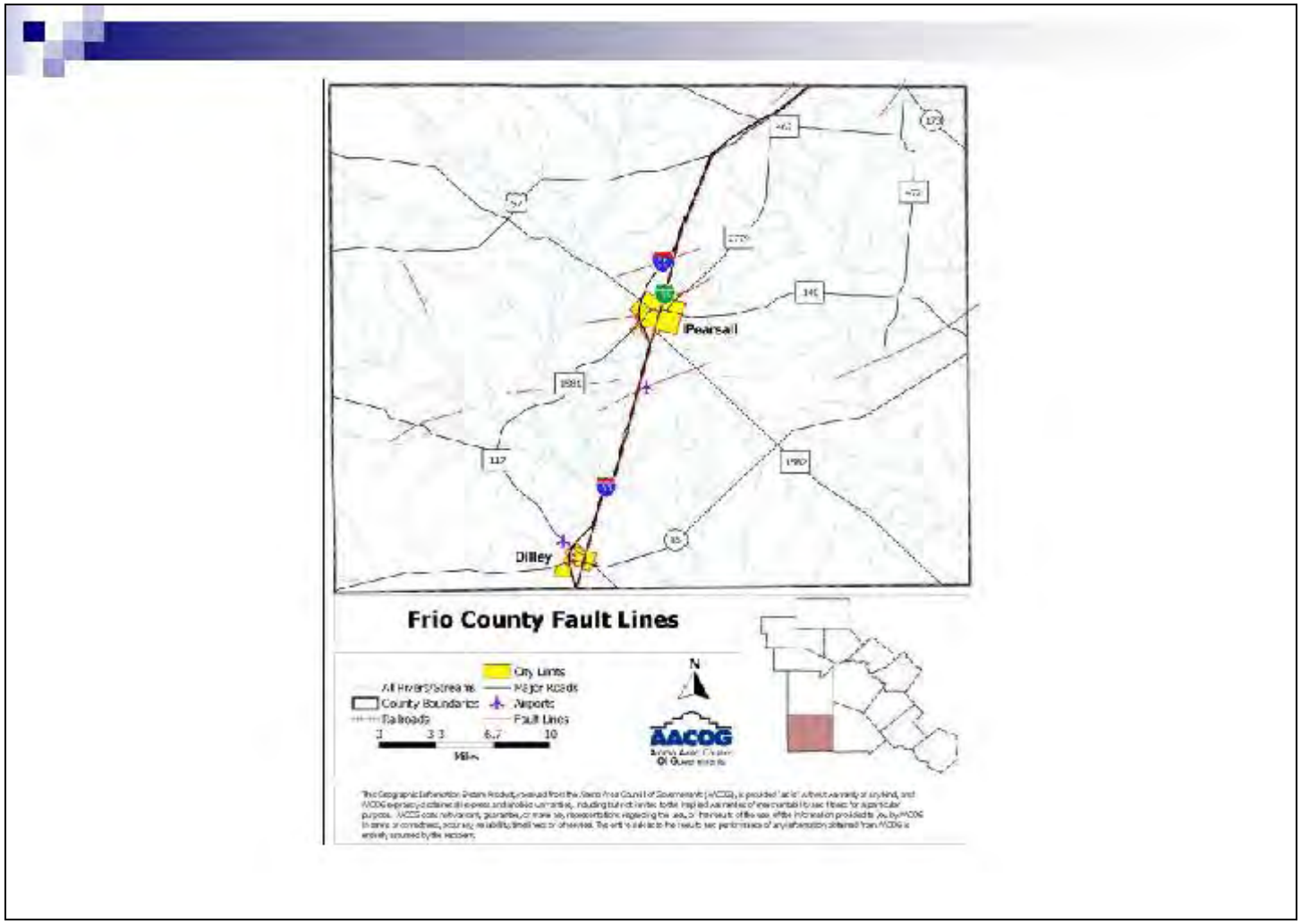

Comal County Wildland
Urban Interface (WUI)
Canyon Lake
Bulverde
Fair Oaks Ranch
New Braunfels
Garden Ridge
Schertz
Selma
N
Miles
AACOG
Alamo Area Council
Of Governments

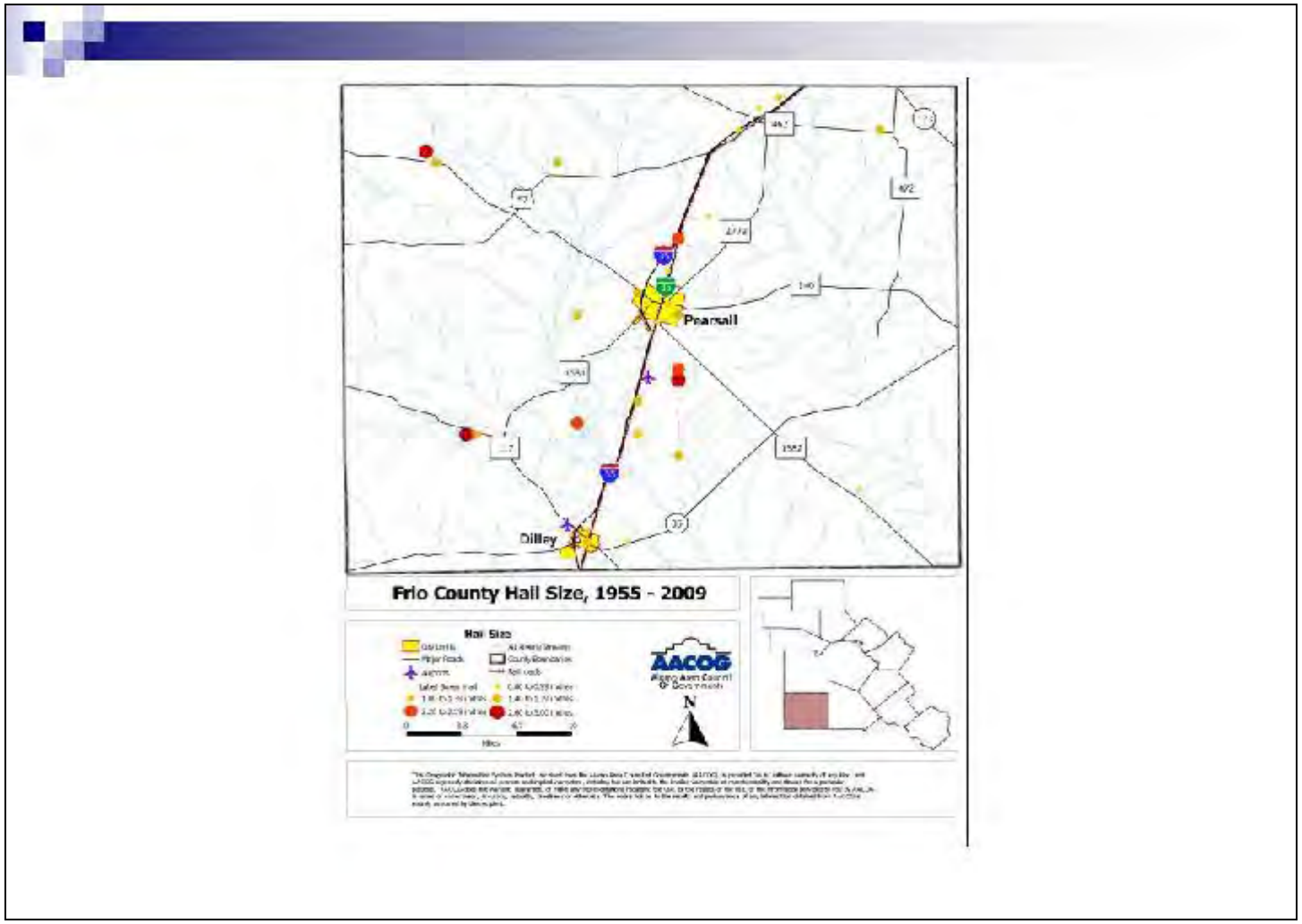
FRIO COUNTY

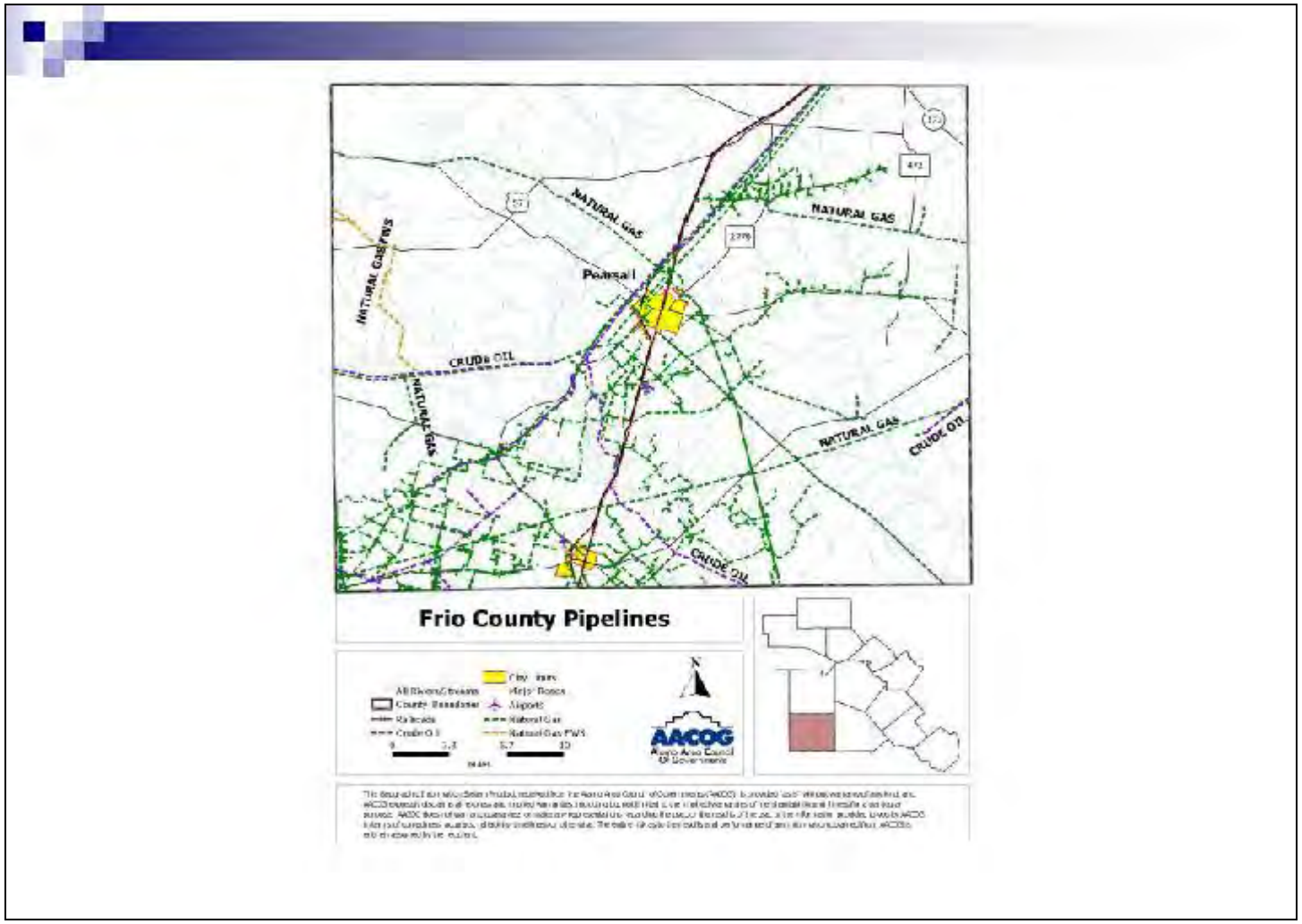

Pearsall
Dilley
Frio County Base Map
City Limits
Minor Roads
All Rivers/Streams
Major Roads
County Boundaries
Airports
Railroads
0
3.3
6.7
10
Miles
N
AACOG

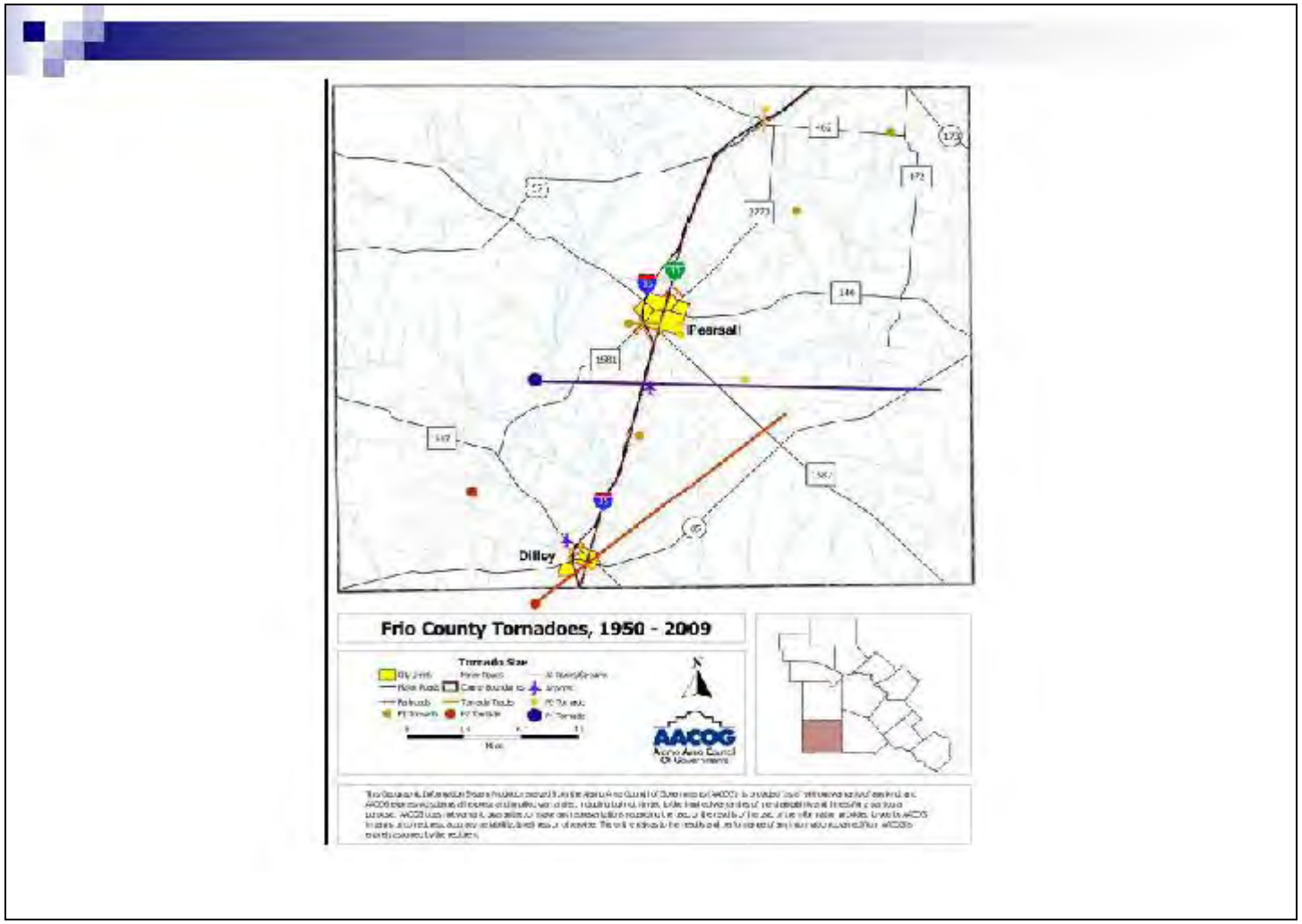

Carrizo-Wilcox Outcrop
Carrizo-Wilcox Downdip
Pearsall
Dilley
Frio County Major Aquifer
AACOG

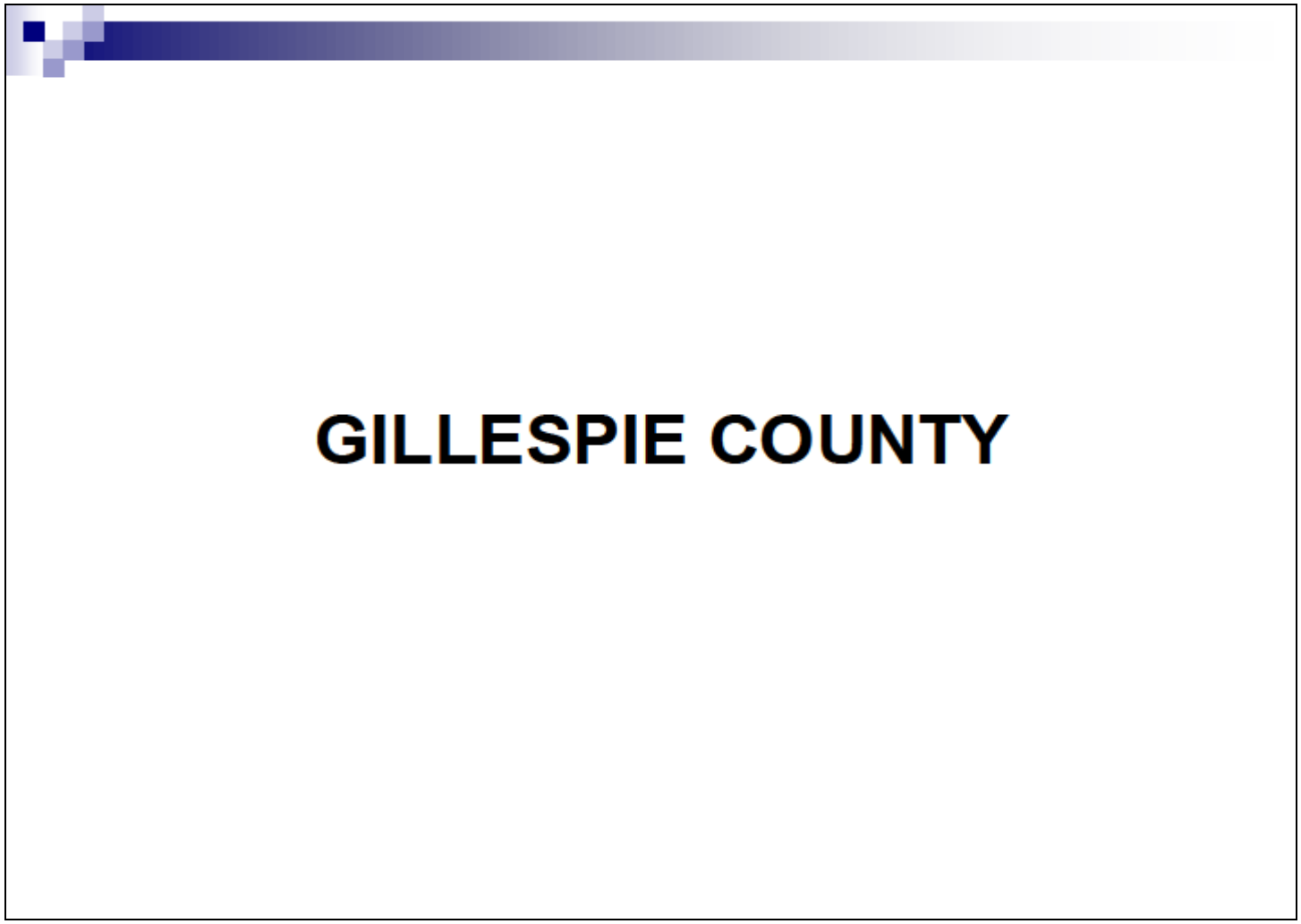

Pearsall
Dilley
Frio County, Location of Dams
City Limits
County Boundaries
Railroads
Minor Roads
Airports
Location of Dams
River/Stream
Miles
N
AACOG

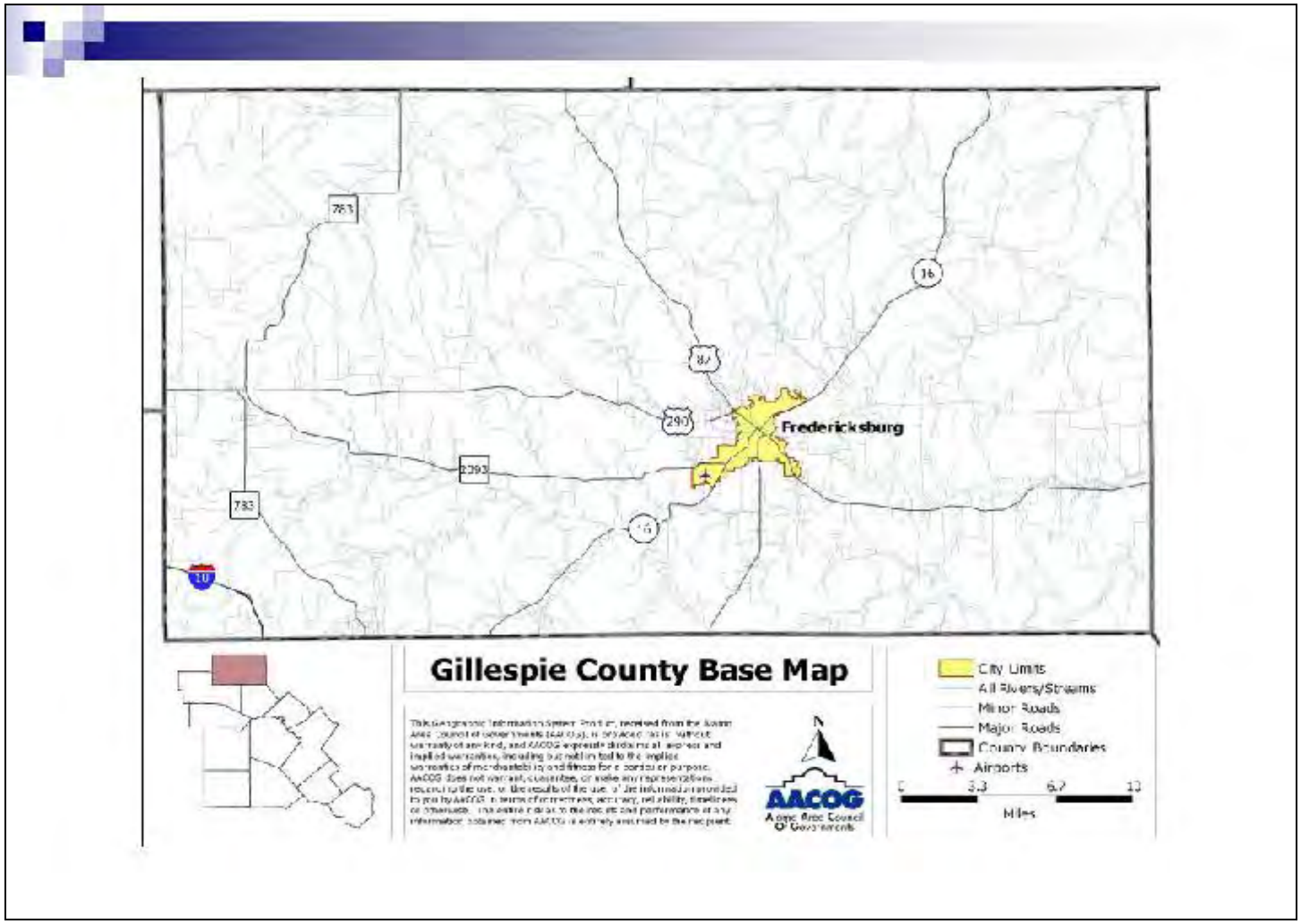

Pearsall
Dilley
Frio County Fault Lines
City Limits
All Rivers/Streams
Major Roads
County Boundaries
Airports
Railroads
Fault Lines
3 3 6.7 10
Miles
N
AACOG

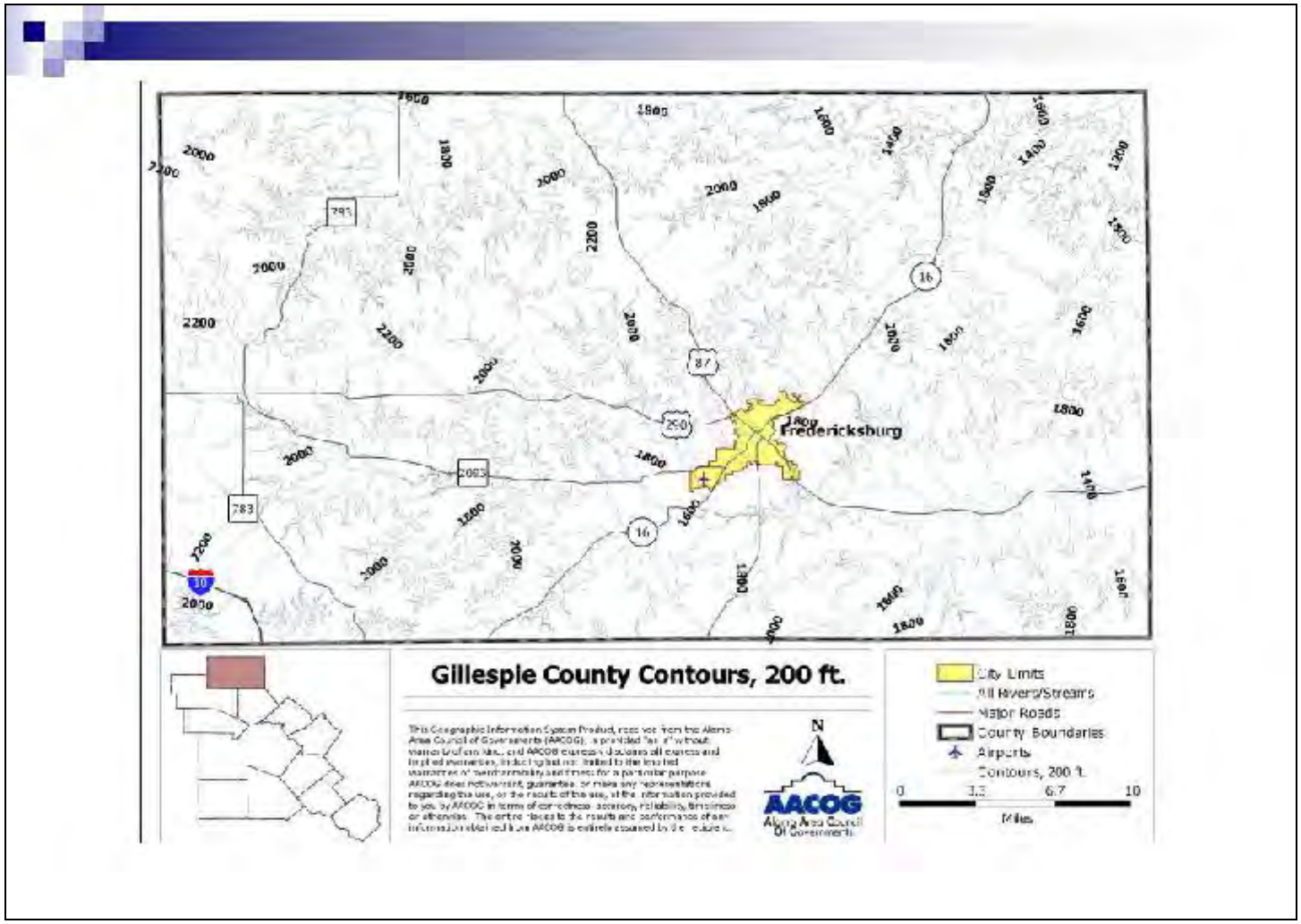

Pearsall
Dilley
Frio County Hail Size, 1955 - 2009
Hail Size
AACOG
N

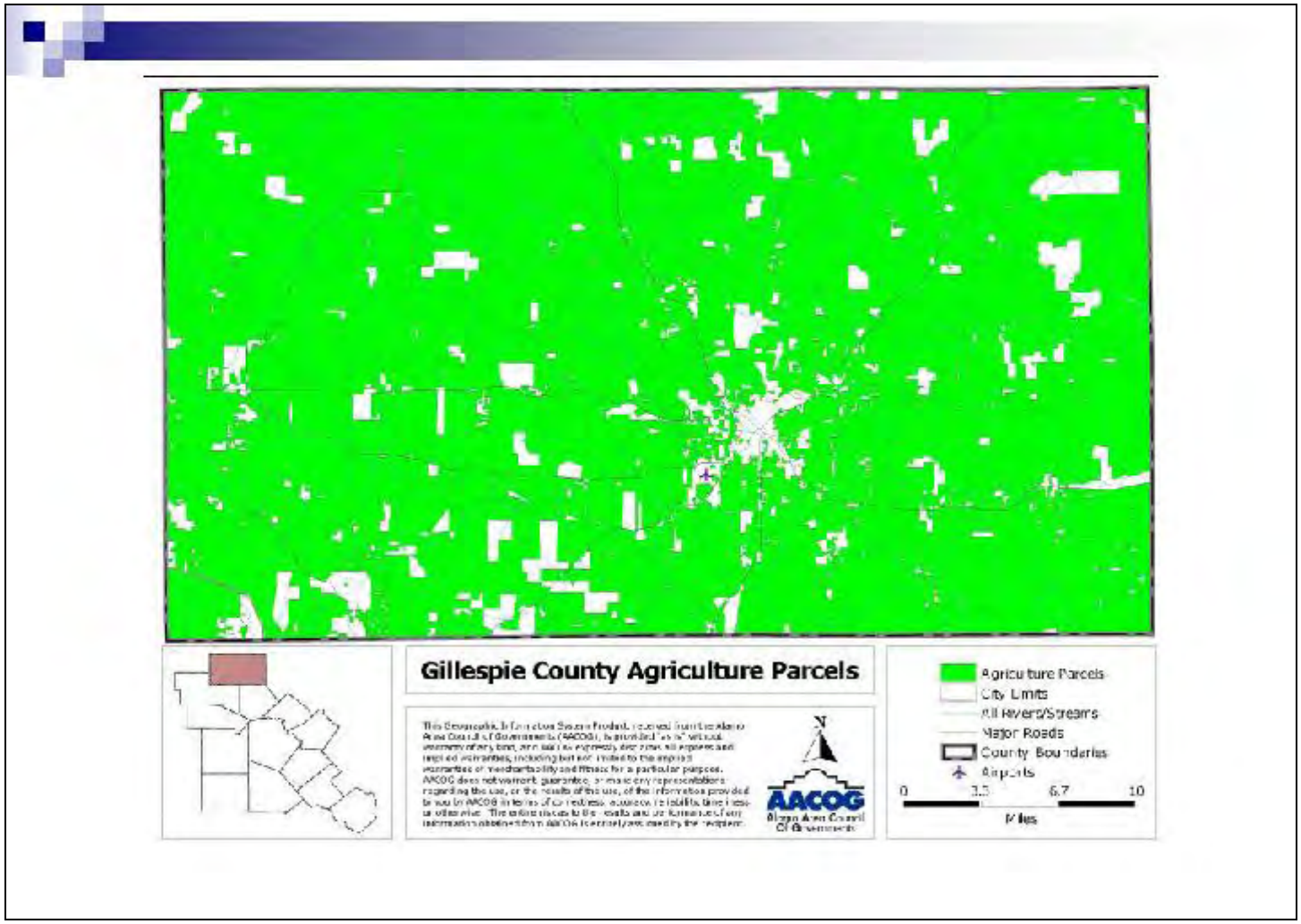

NATURAL GAS
NATURAL GAS PWS
Pearsall
CRUDE OIL
NATURAL GAS
CRUDE OIL
Frio County Pipelines
AACOG

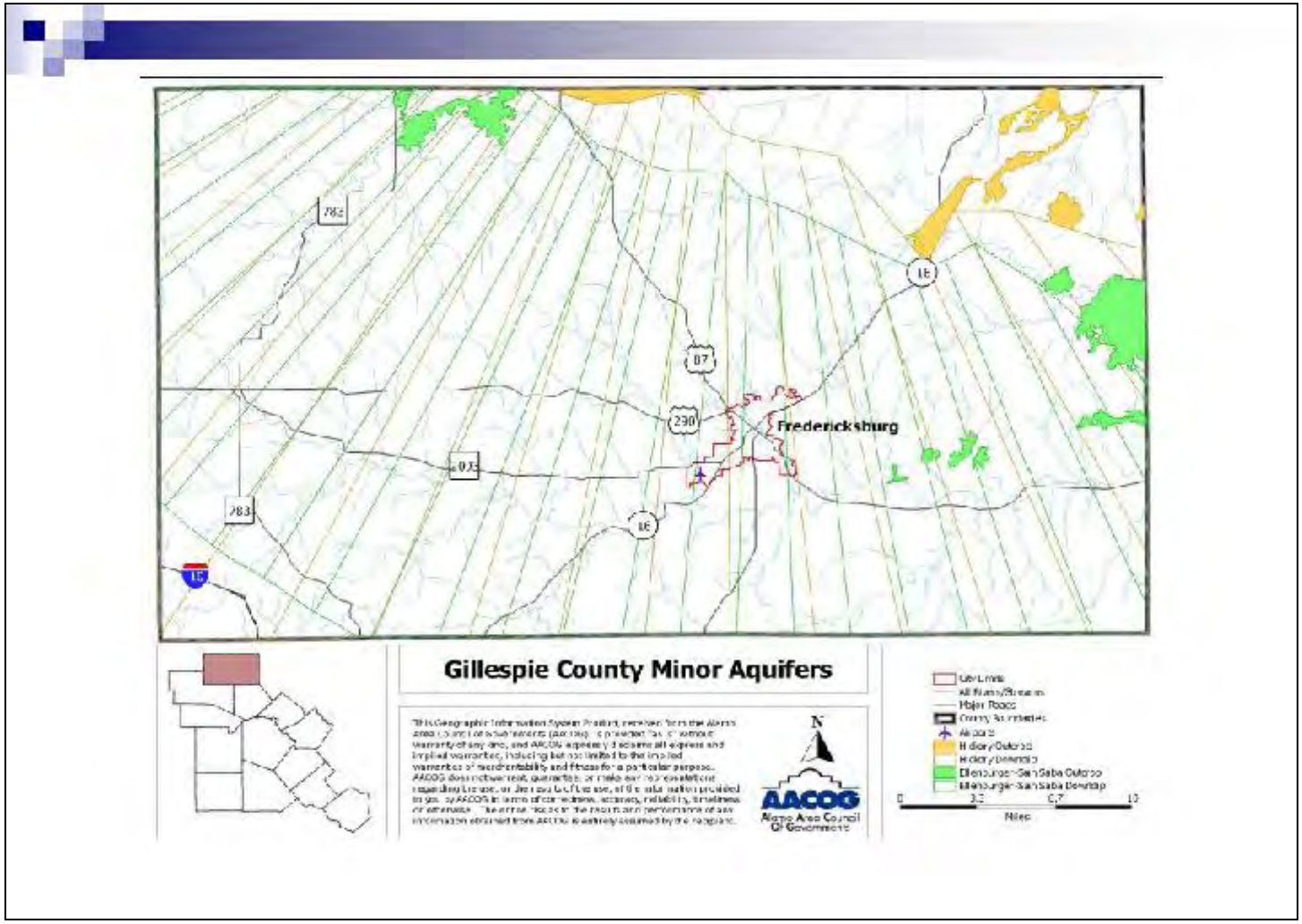

Pearsall
Dilley
Frio County Tornadoes, 1950 - 2009
Tornado Size
AACOG

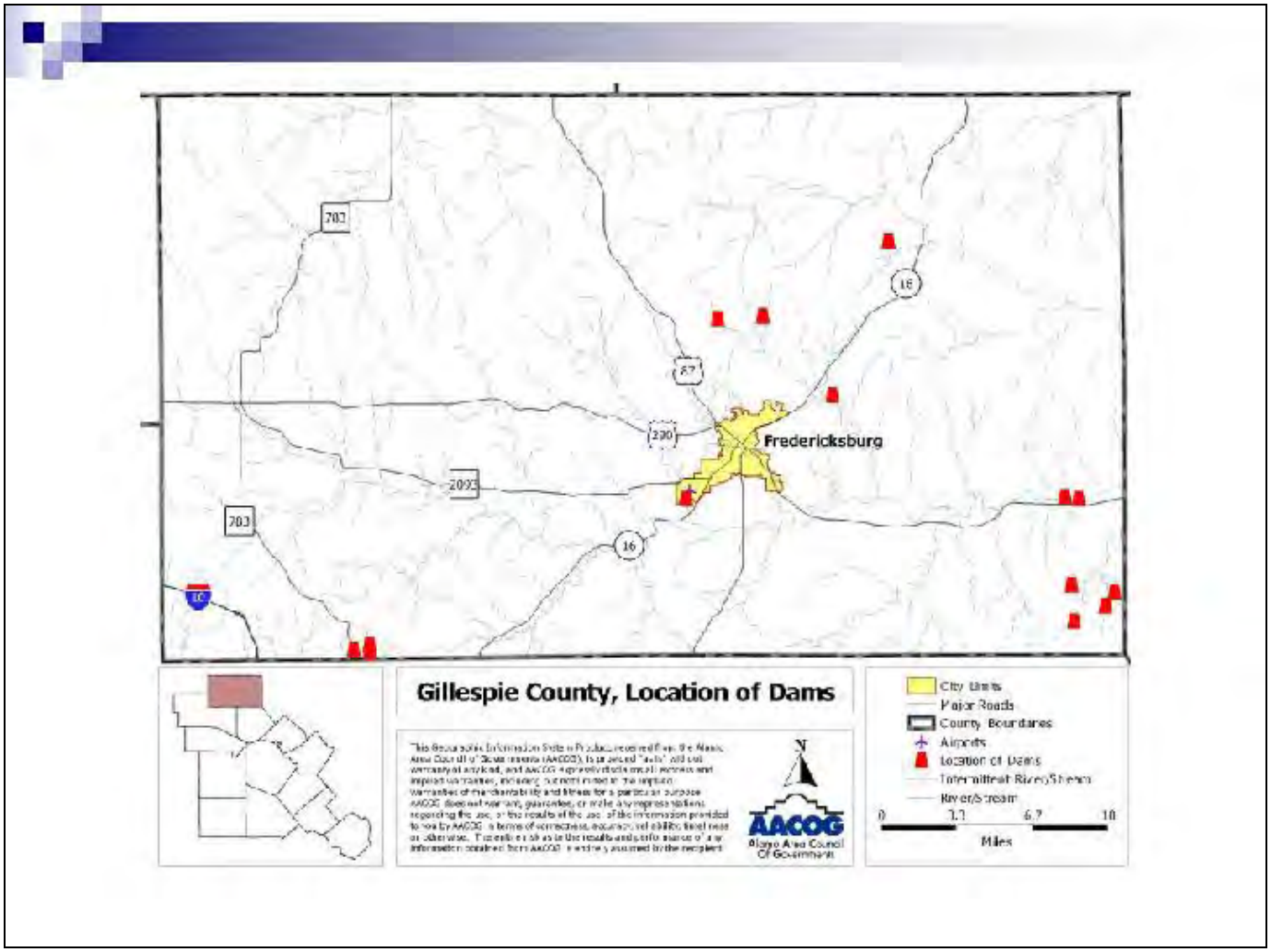

GILLESPIE COUNTY

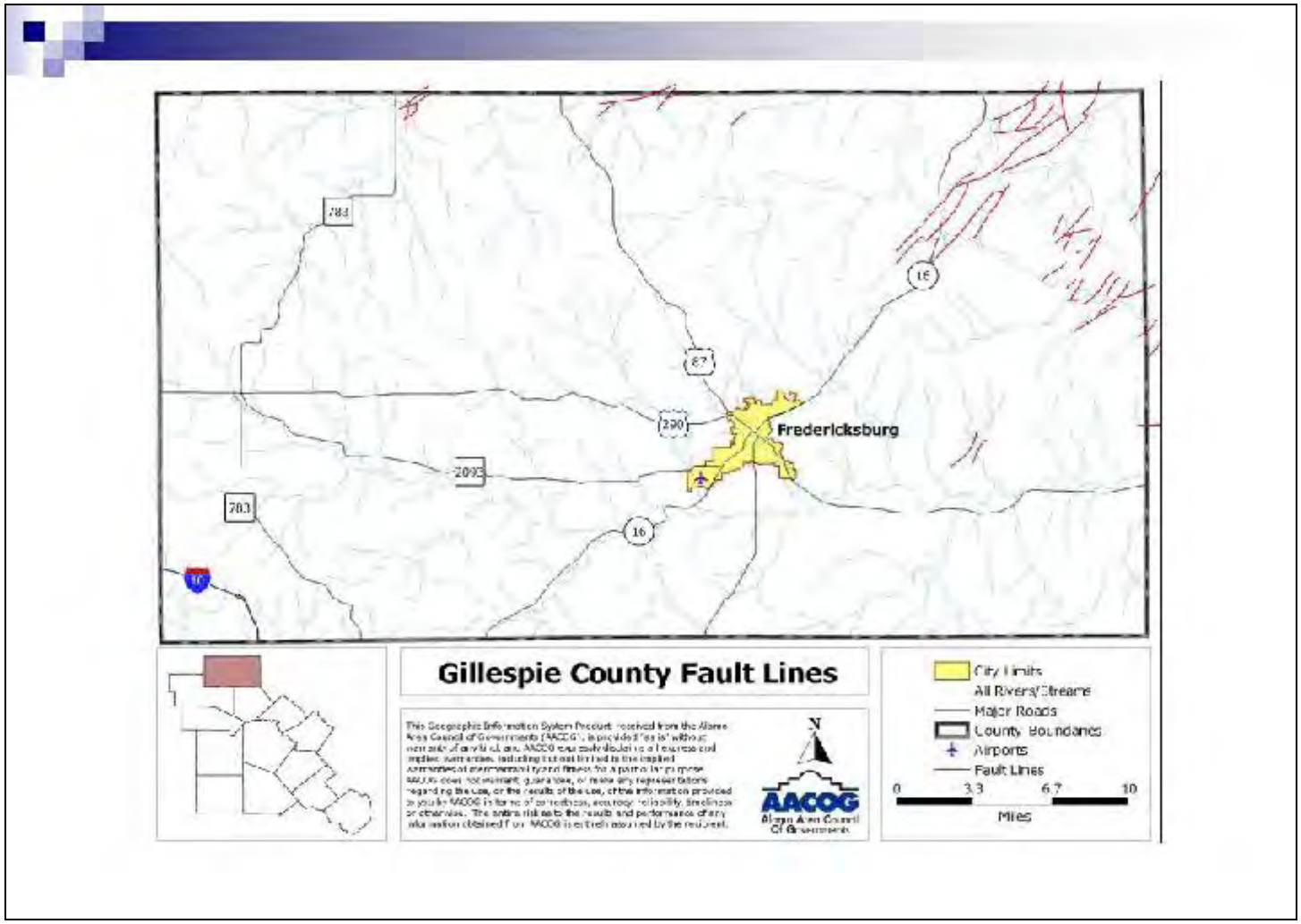

783
16
87
290
Fredericksburg
2093
783
10
Gillespie County Base Map
AACOG
Area Area Council Of Governments
City Limits
All Rivers/Streams
Minor Roads
Major Roads
County Boundaries
Airports
0
3.3
6.7
10
Miles

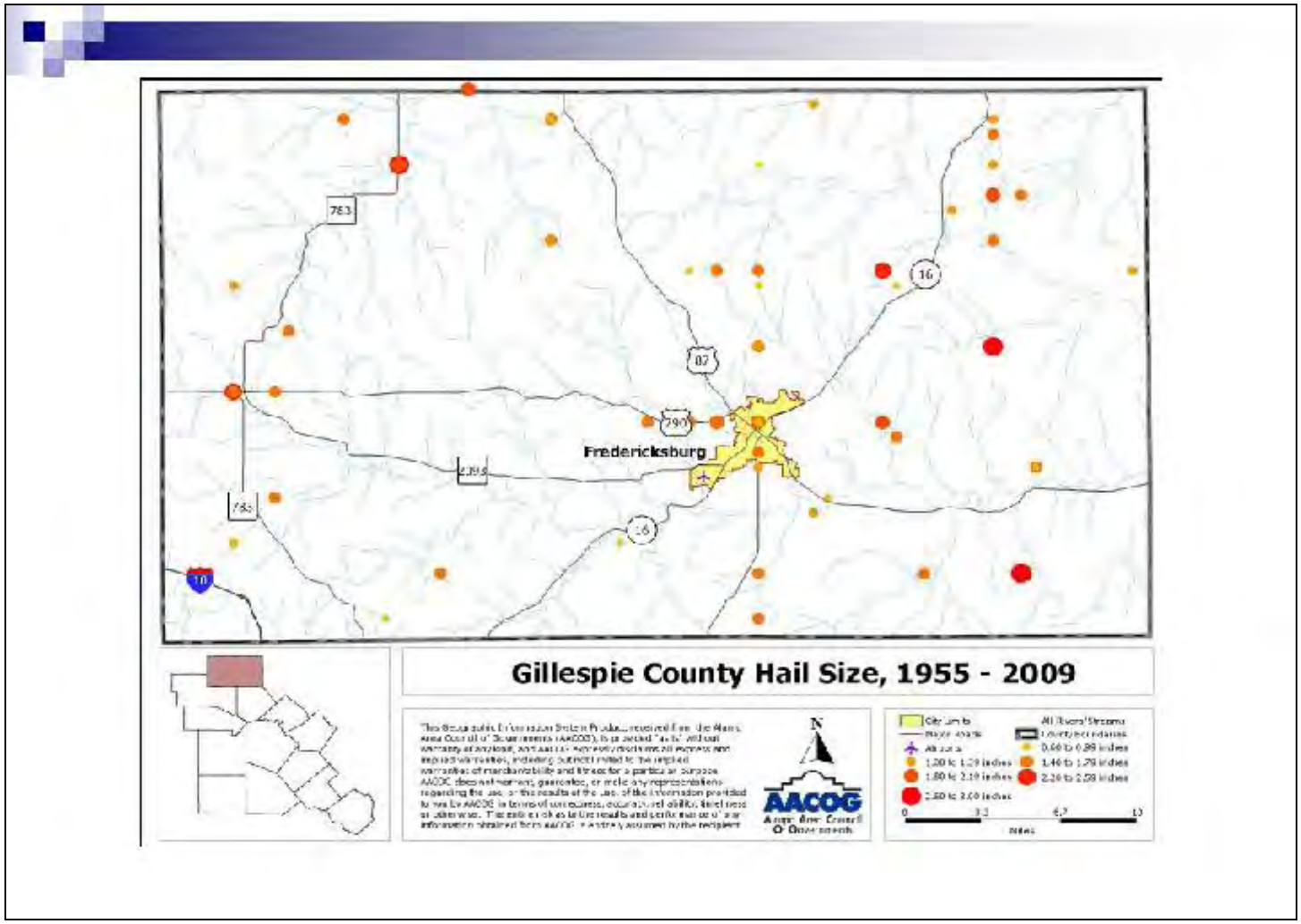

Fredericksburg
Gillespie County Contours, 200 ft.
City Limits
All Rivers/Streams
Major Roads
County Boundaries
Airports
Contours, 200 ft.
0
3.3
6.7
10
Miles
N
AACOG
Alamo Area Council Of Governments

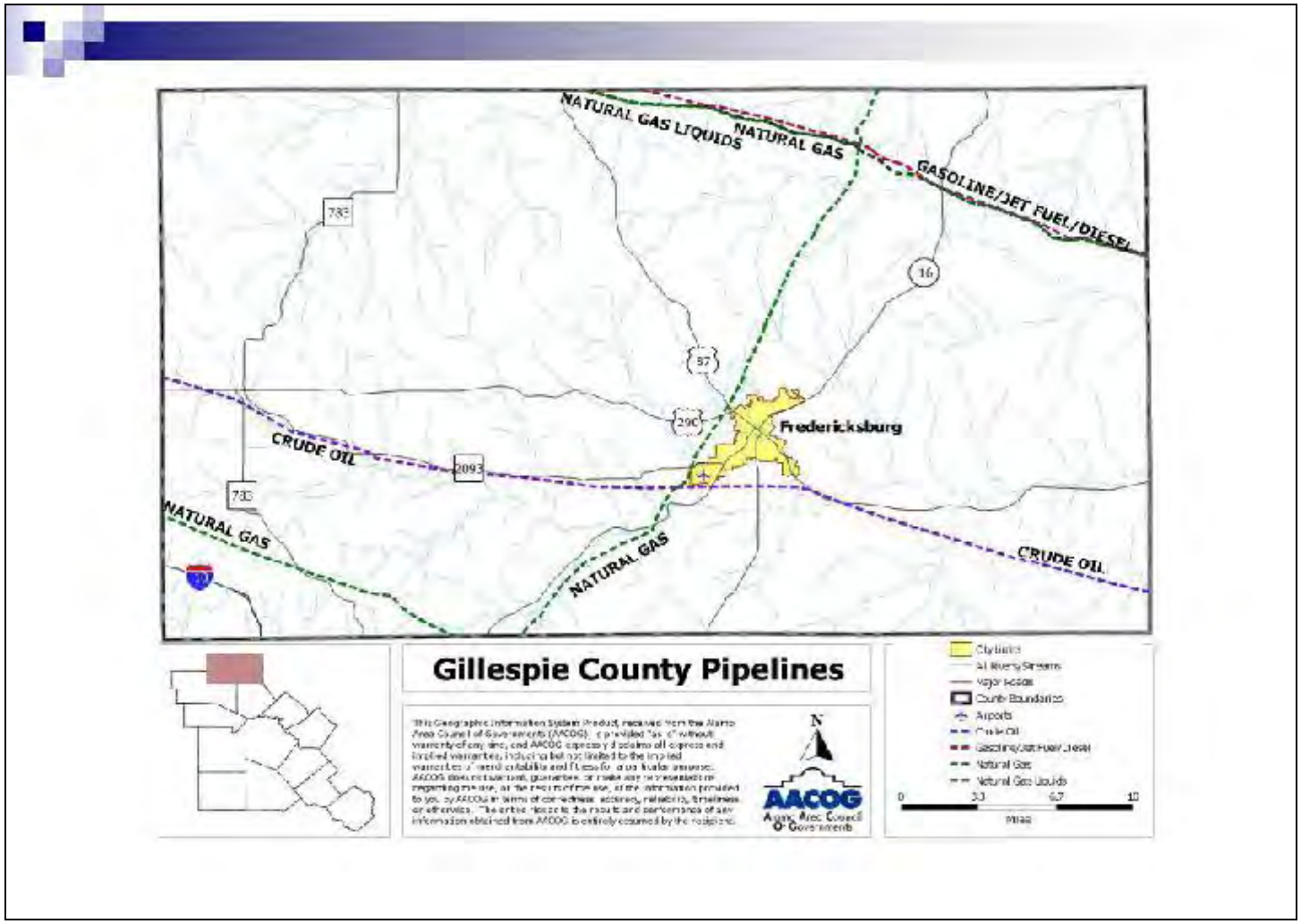

Gillespie County Agriculture Parcels
Agriculture Parcels
City Limits
Rivers/Streams
Major Roads
County Boundaries
Airports
0
3.3
6.7
10
Miles
AACOG

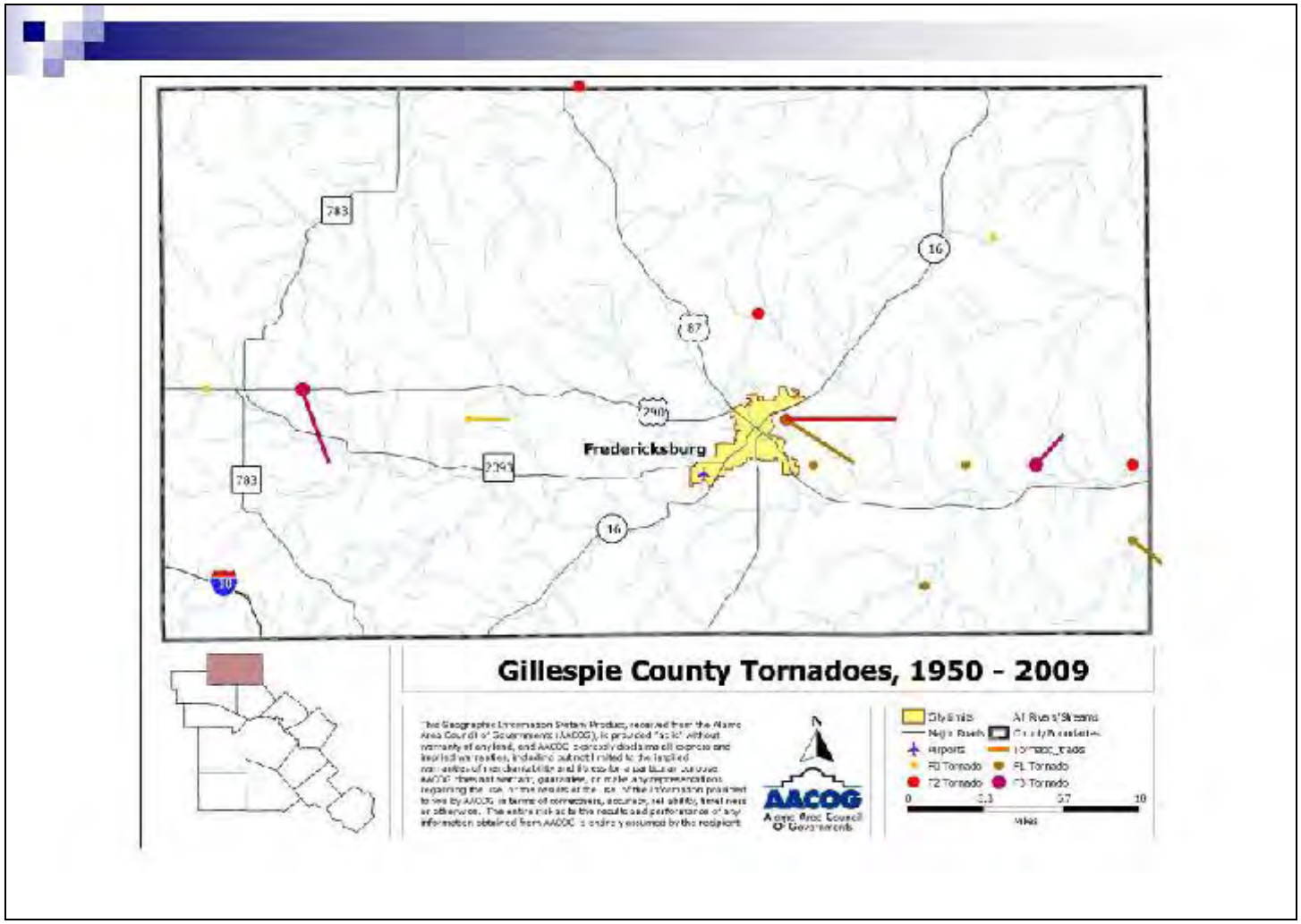

Fredericksburg
Gillespie County Minor Aquifers
N
AACOG
Alamo Area Council Of Governments
Miles

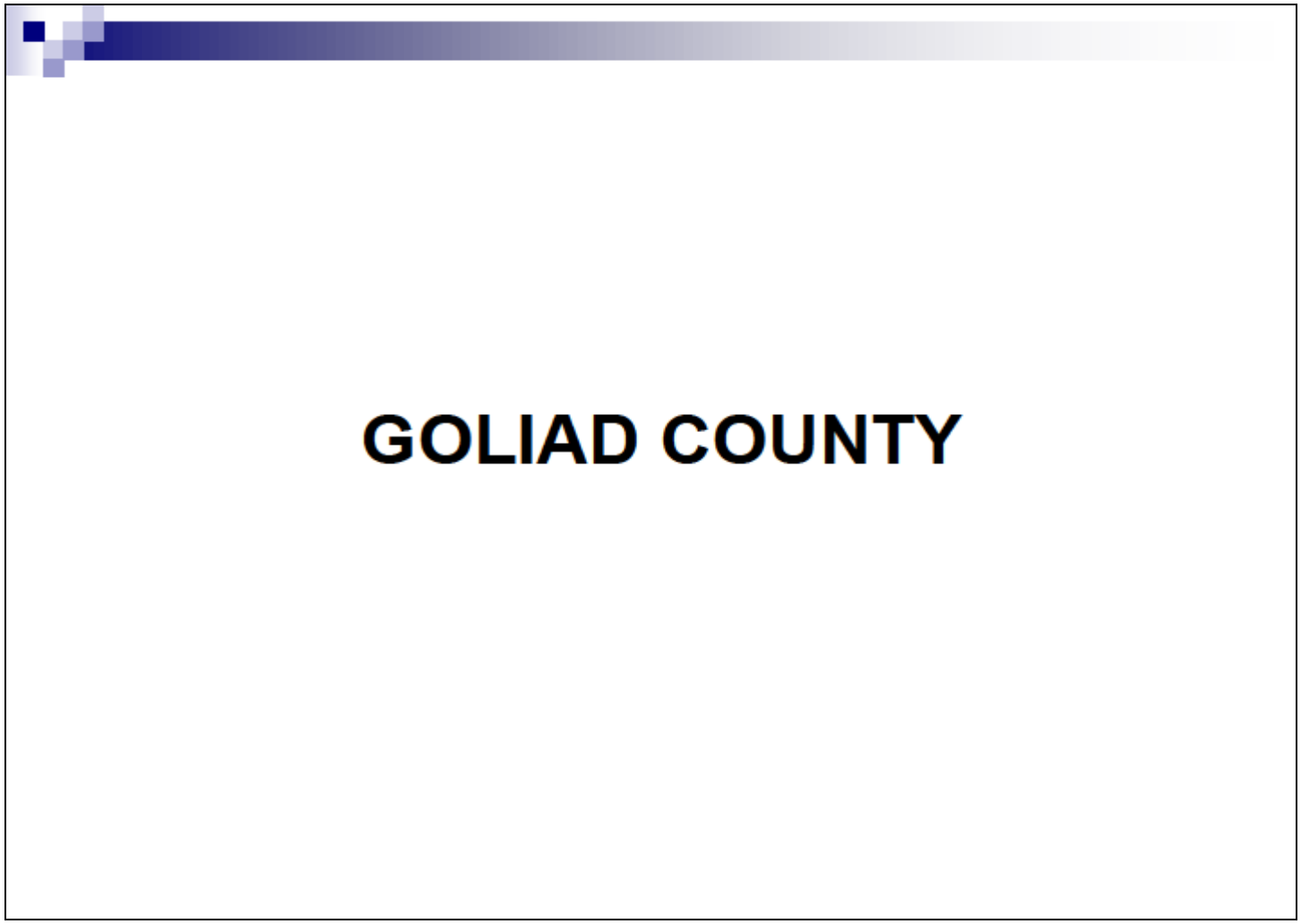

Fredericksburg
Gillespie County, Location of Dams
City Limits
Major Roads
County Boundaries
Airports
Location of Dams
Intermittent River/Stream
River/Stream
0
3.3
6.7
10
Miles
AACOG
Alamo Area Council Of Governments

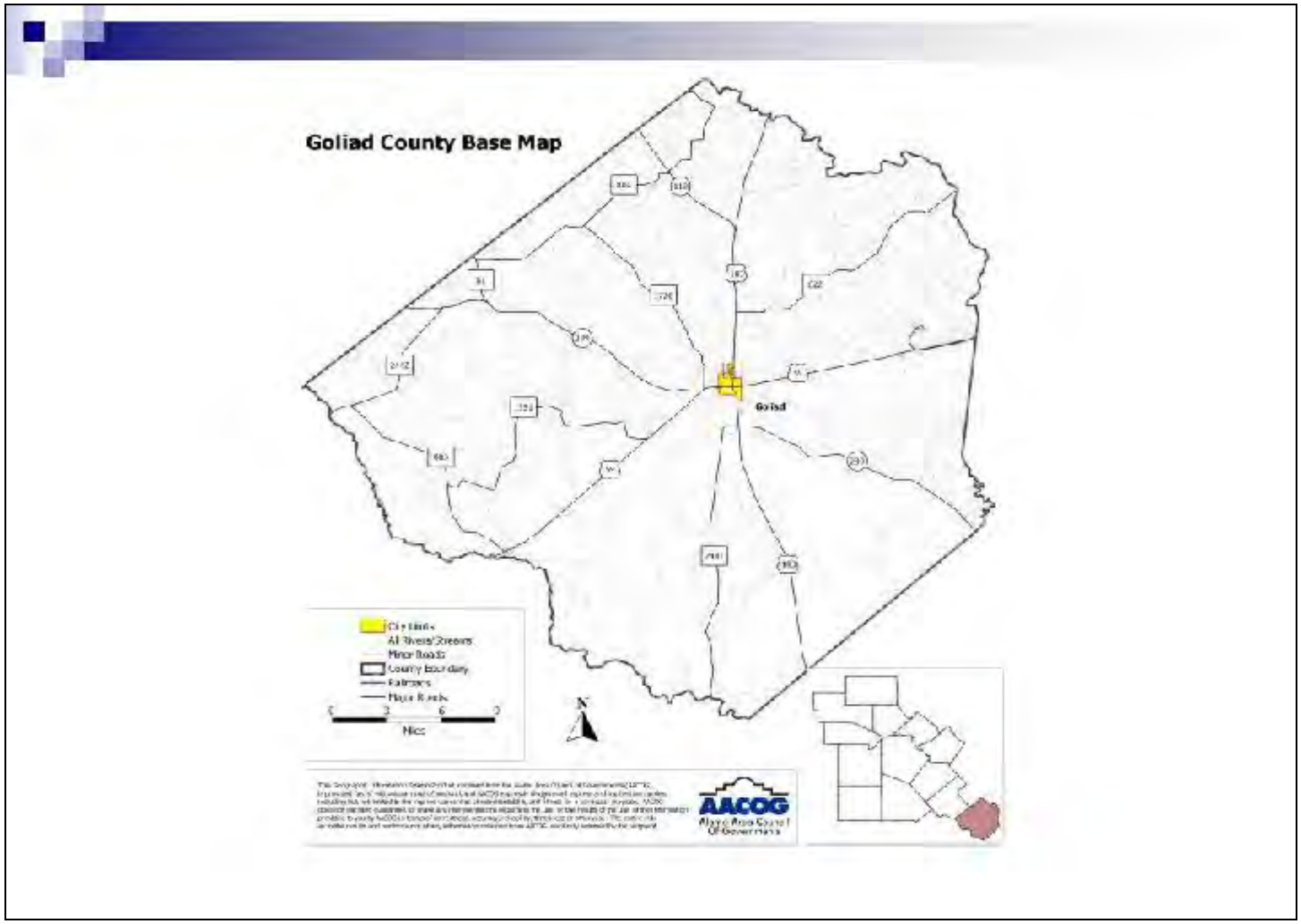

Fredericksburg
Gillespie County Fault Lines
City Limits
All Rivers/Streams
Major Roads
County Boundaries
Airports
Fault Lines
0
3.3
6.7
10
Miles
AACOG

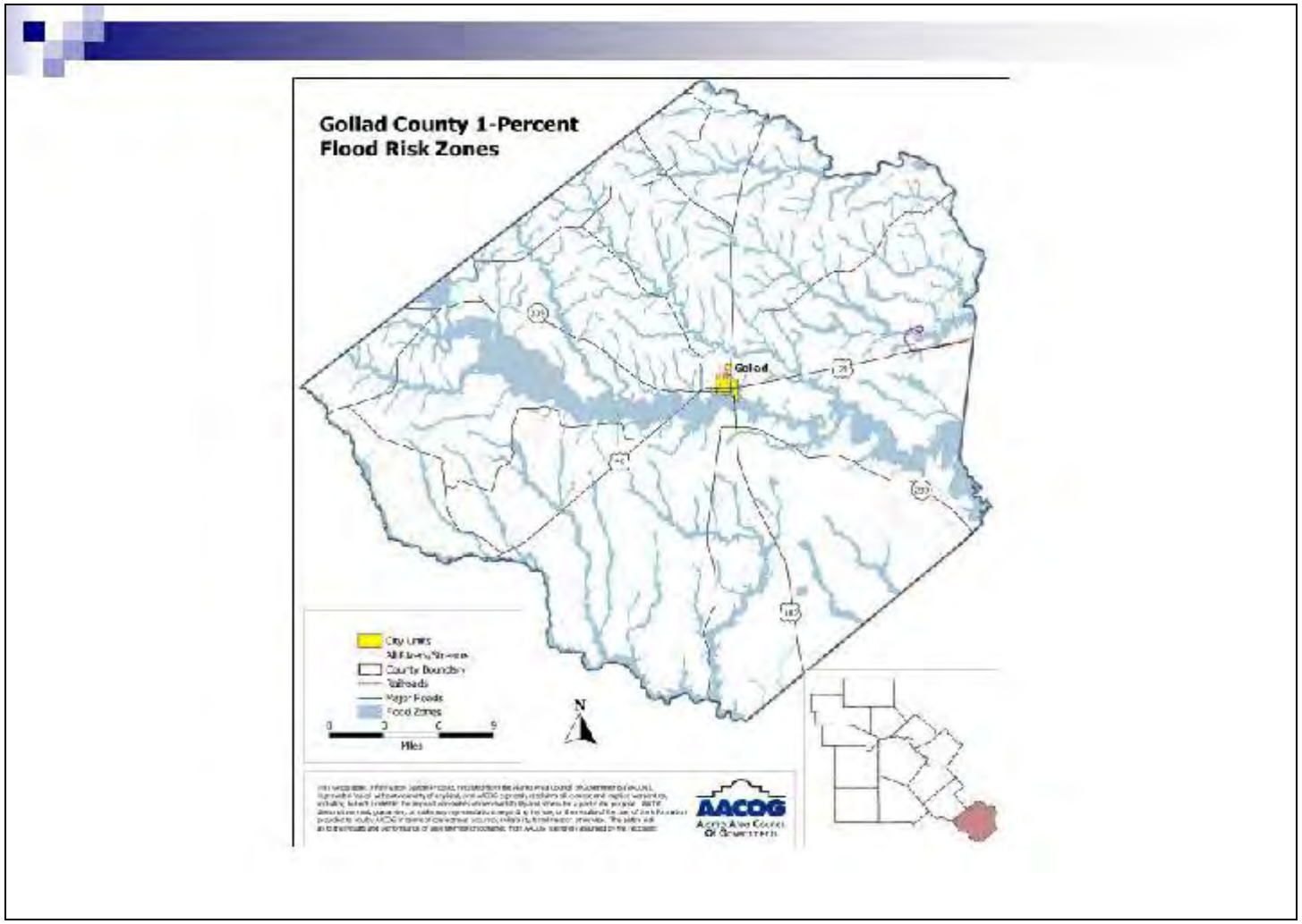

Fredericksburg
Gillespie County Hail Size, 1955 - 2009
AACOG

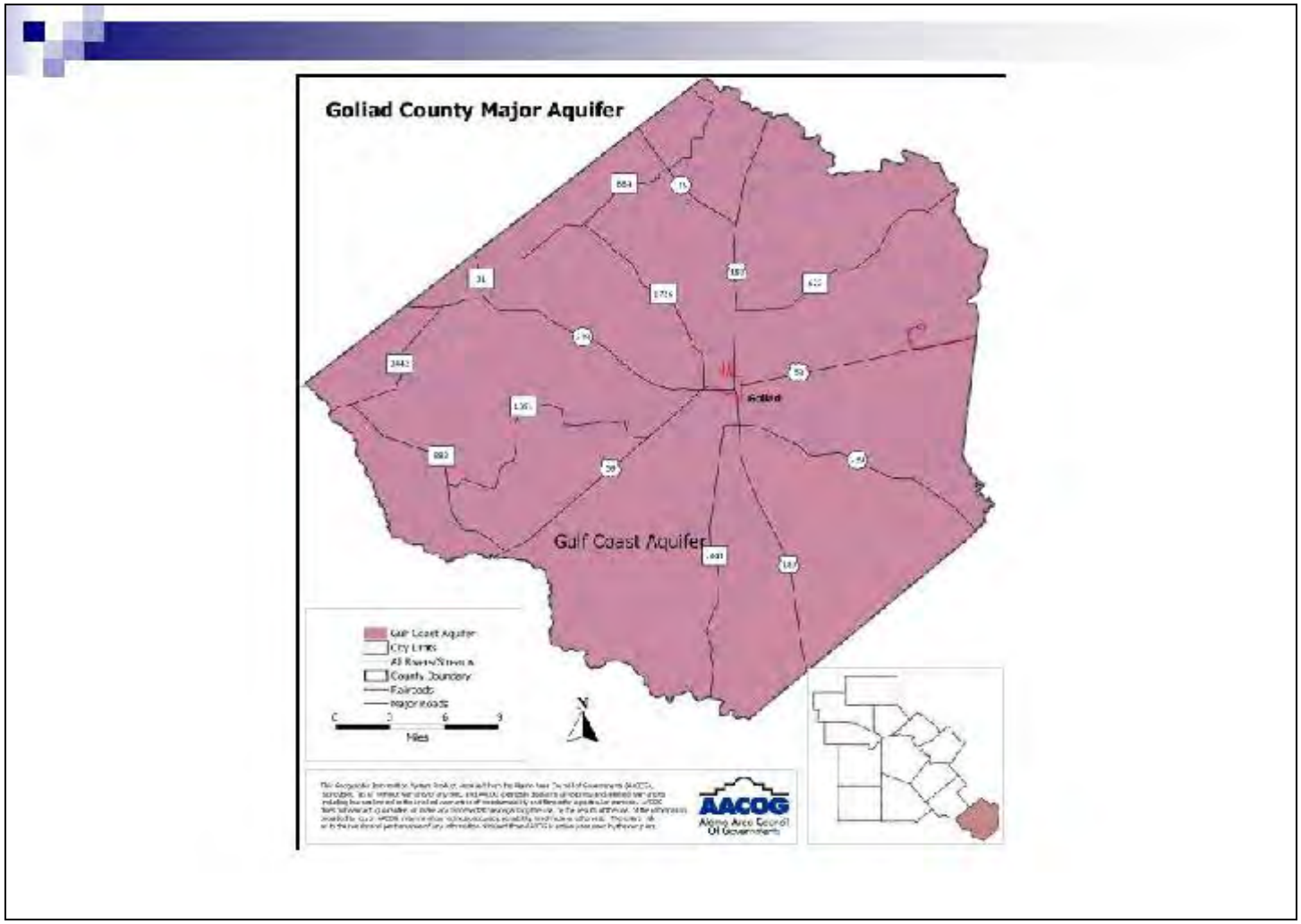

NATURAL GAS LIQUIDS
NATURAL GAS
GASOLINE/JET FUEL/DIESEL
CRUDE OIL
NATURAL GAS
NATURAL GAS
CRUDE OIL
Fredericksburg
Gillespie County Pipelines
AACOG

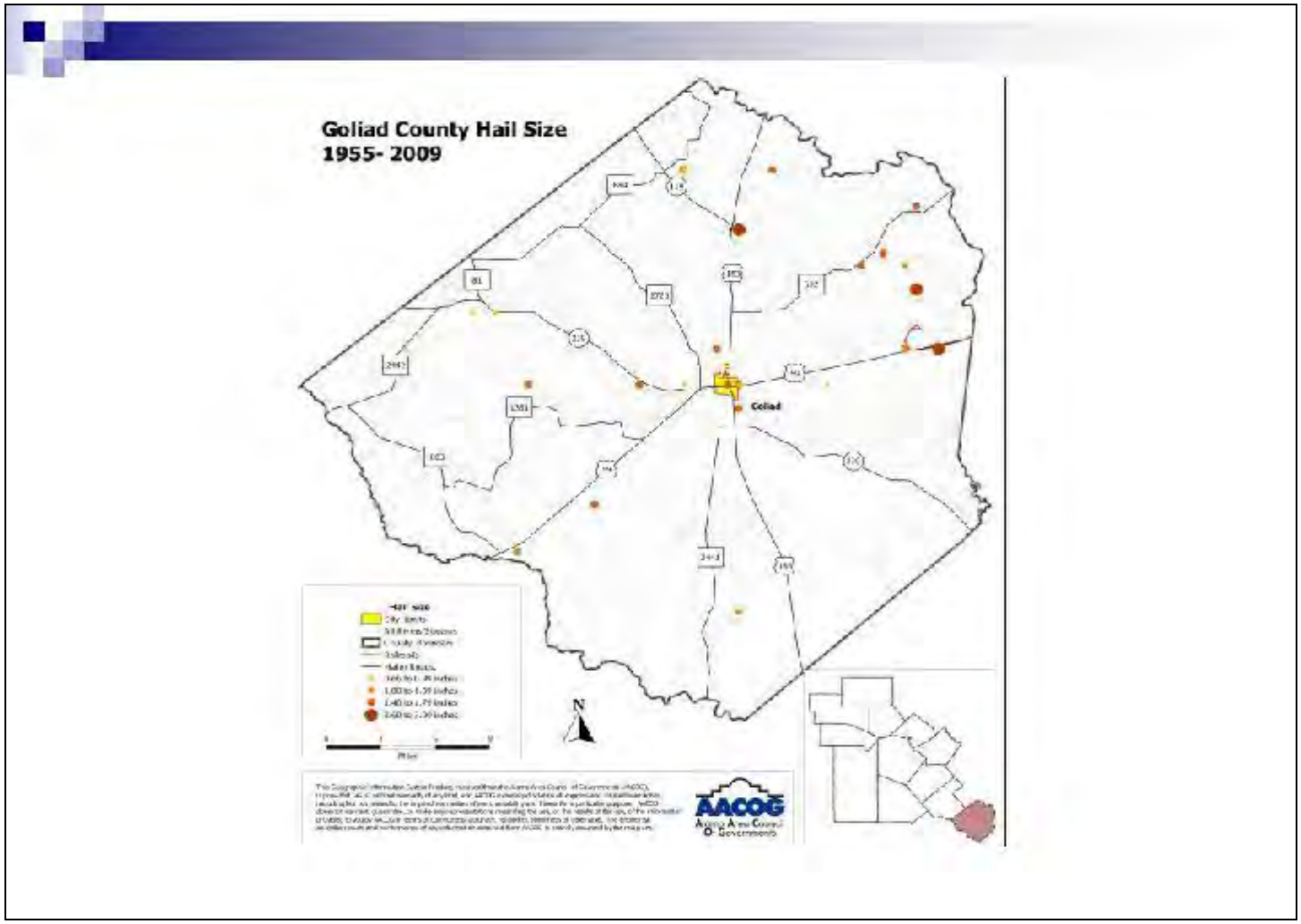

783
16
87
290
Fredericksburg
783
16
Gillespie County Tornadoes, 1950 - 2009
AACOG

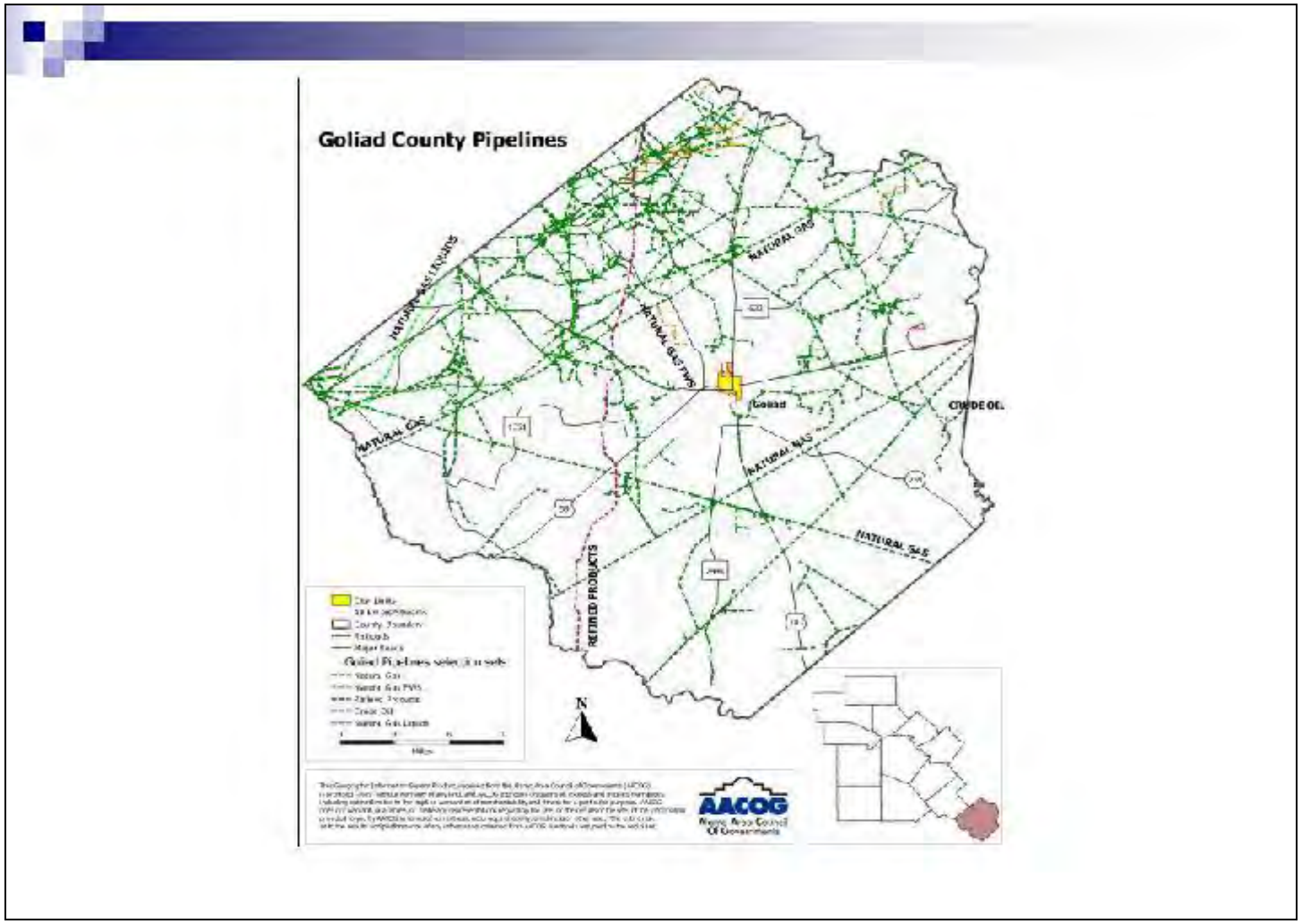

GOLIAD COUNTY

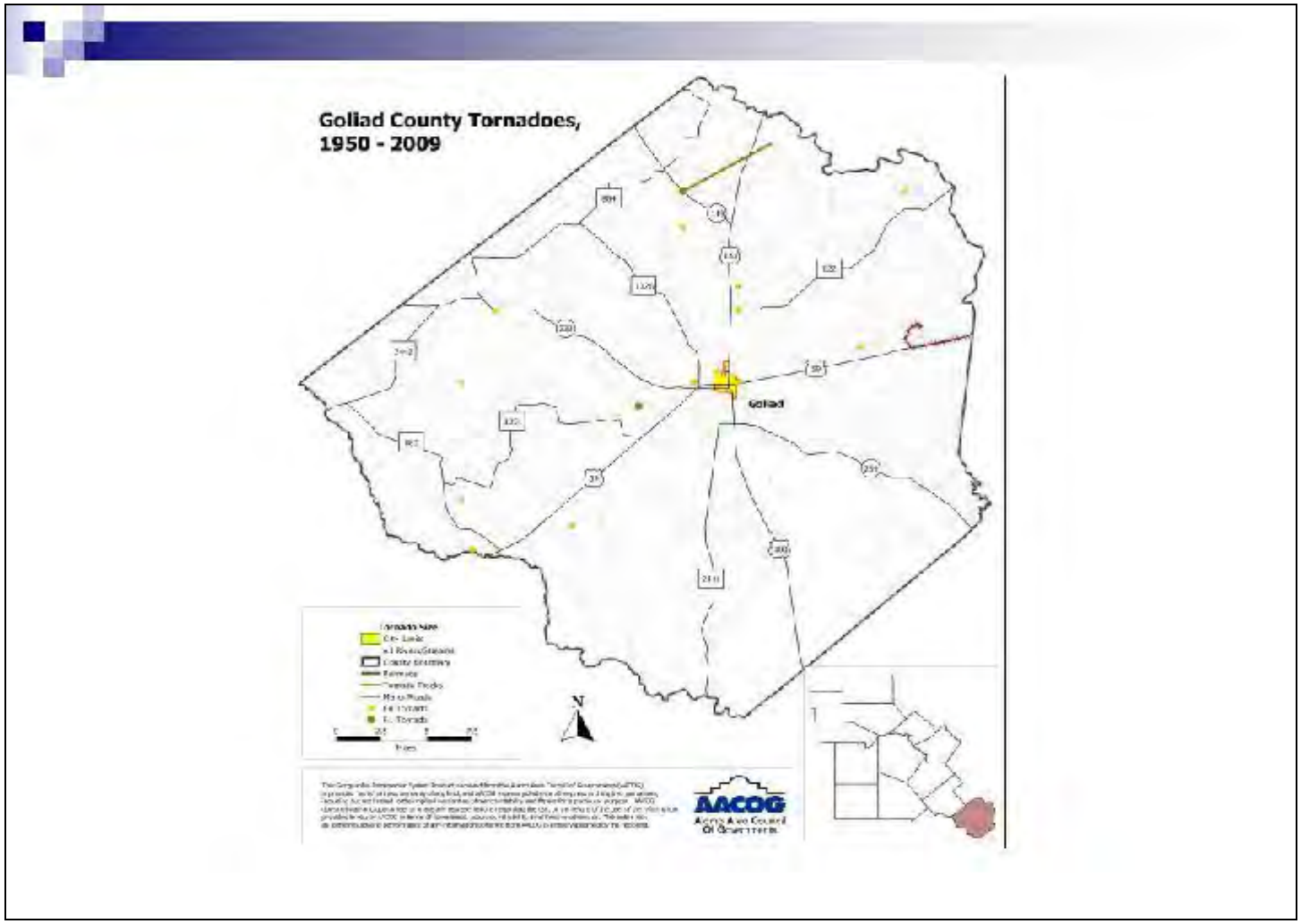

Goliad County Base Map
Goliad
AACOG

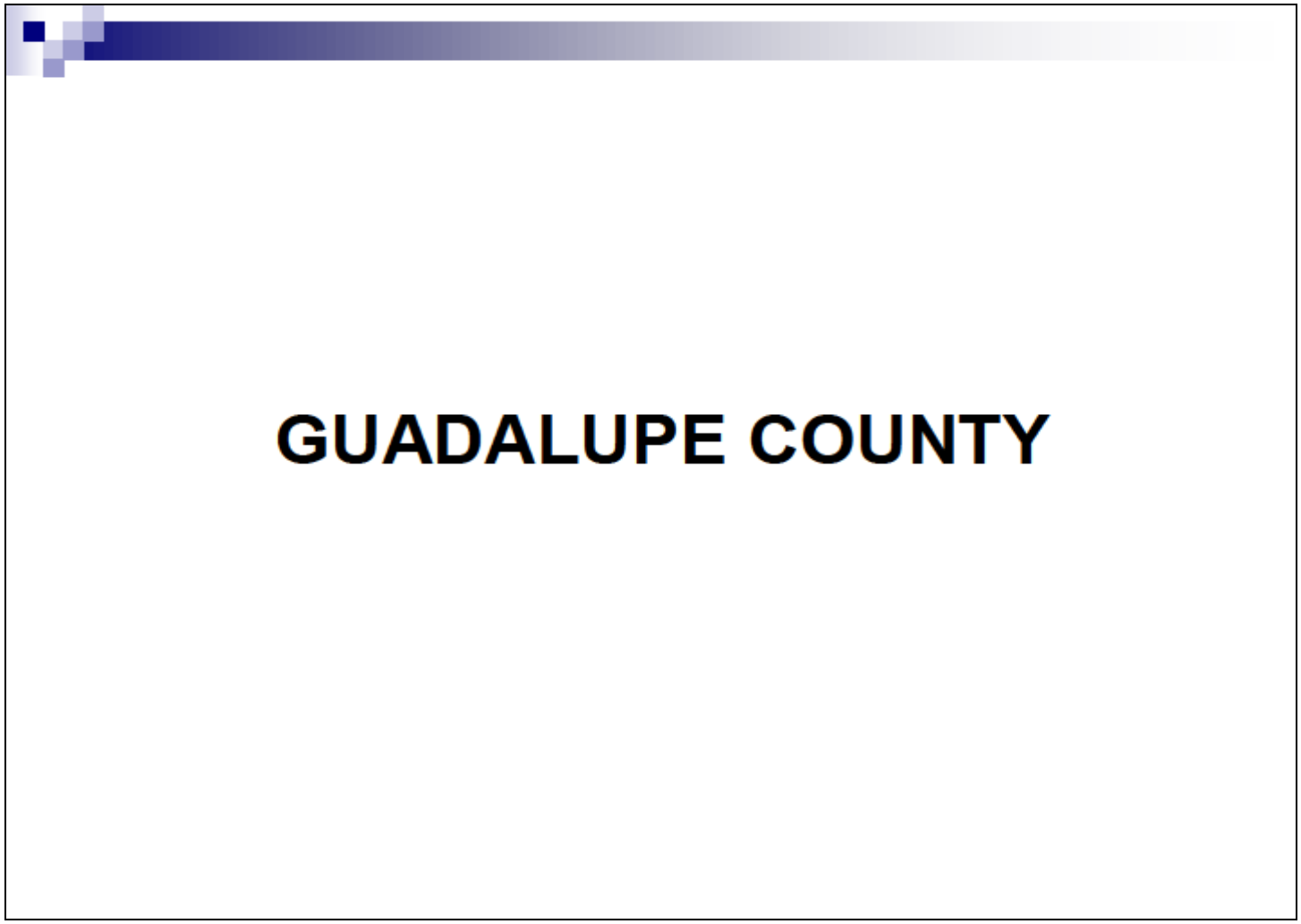

Goliad County 1-Percent
Flood Risk Zones
Goliad
City Limits
County Boundary
Railroads
Major Roads
Flood Zones
0
3
6
9
Miles
N
AACOG

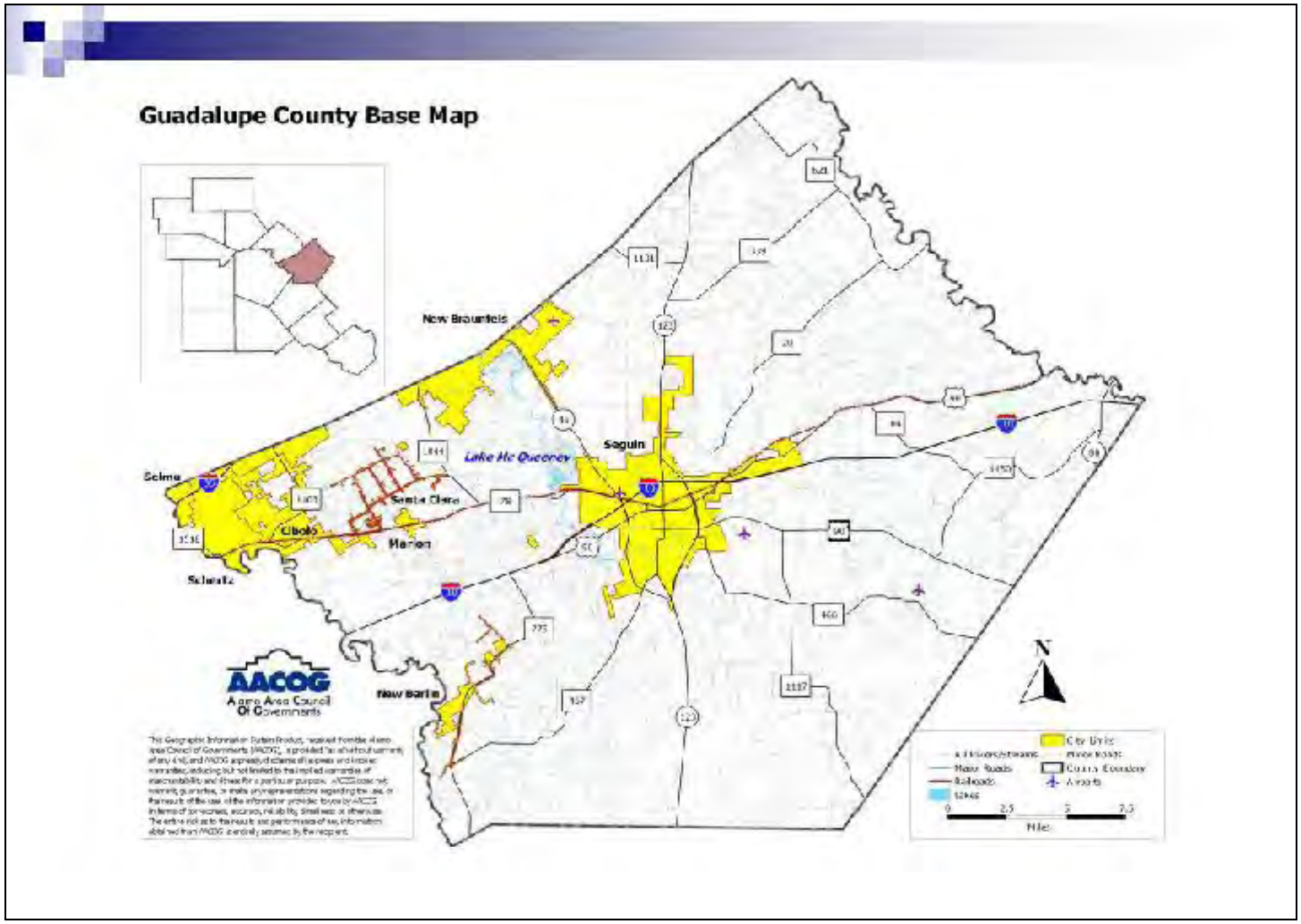

Goliad County Major Aquifer
Gulf Coast Aquifer
Gulf Coast Aquifer
City Limits
County Boundary
Railroads
Major Roads
Miles
AACOG

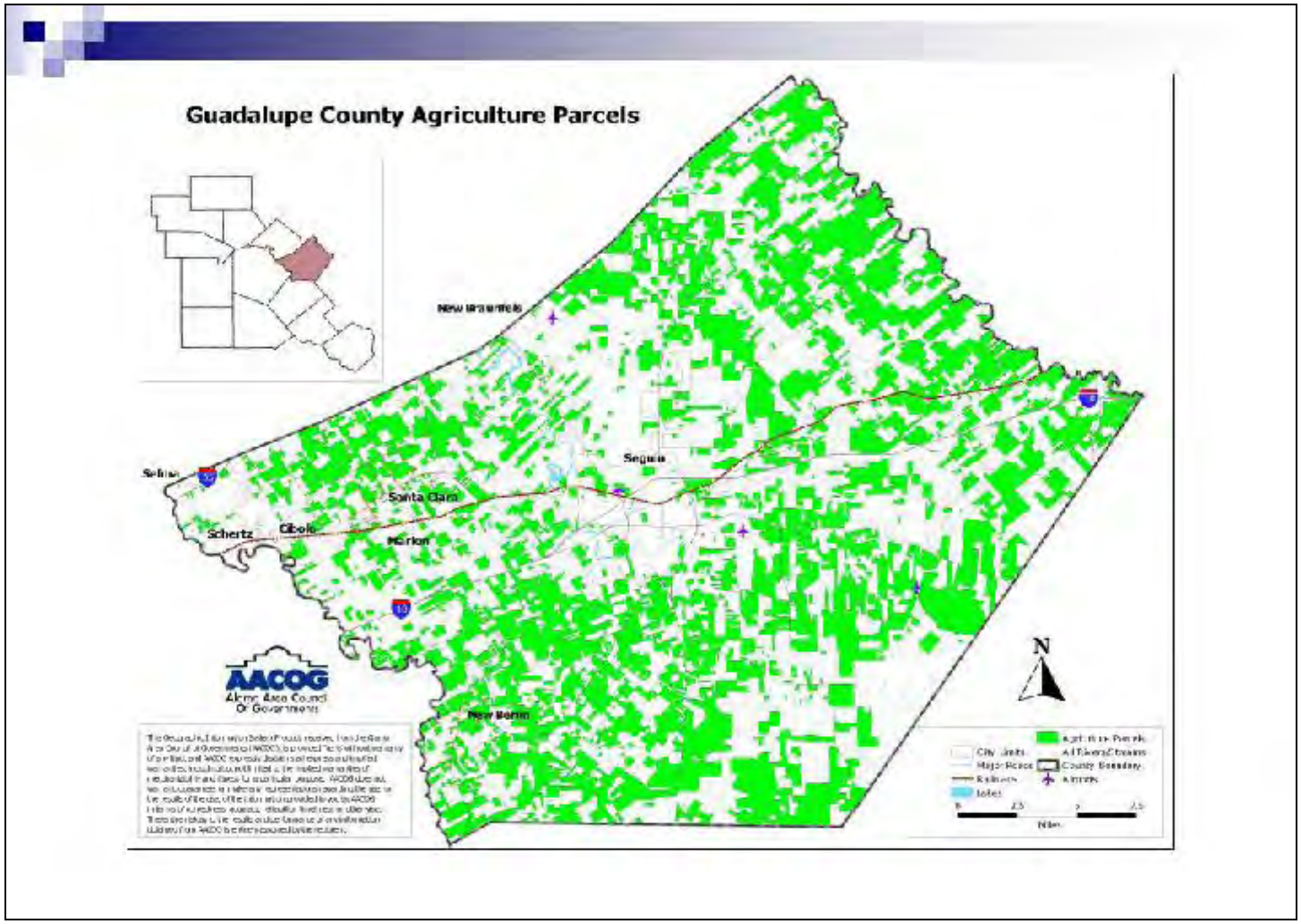

Goliad County Hail Size
1955- 2009
Goliad
N
AACOG

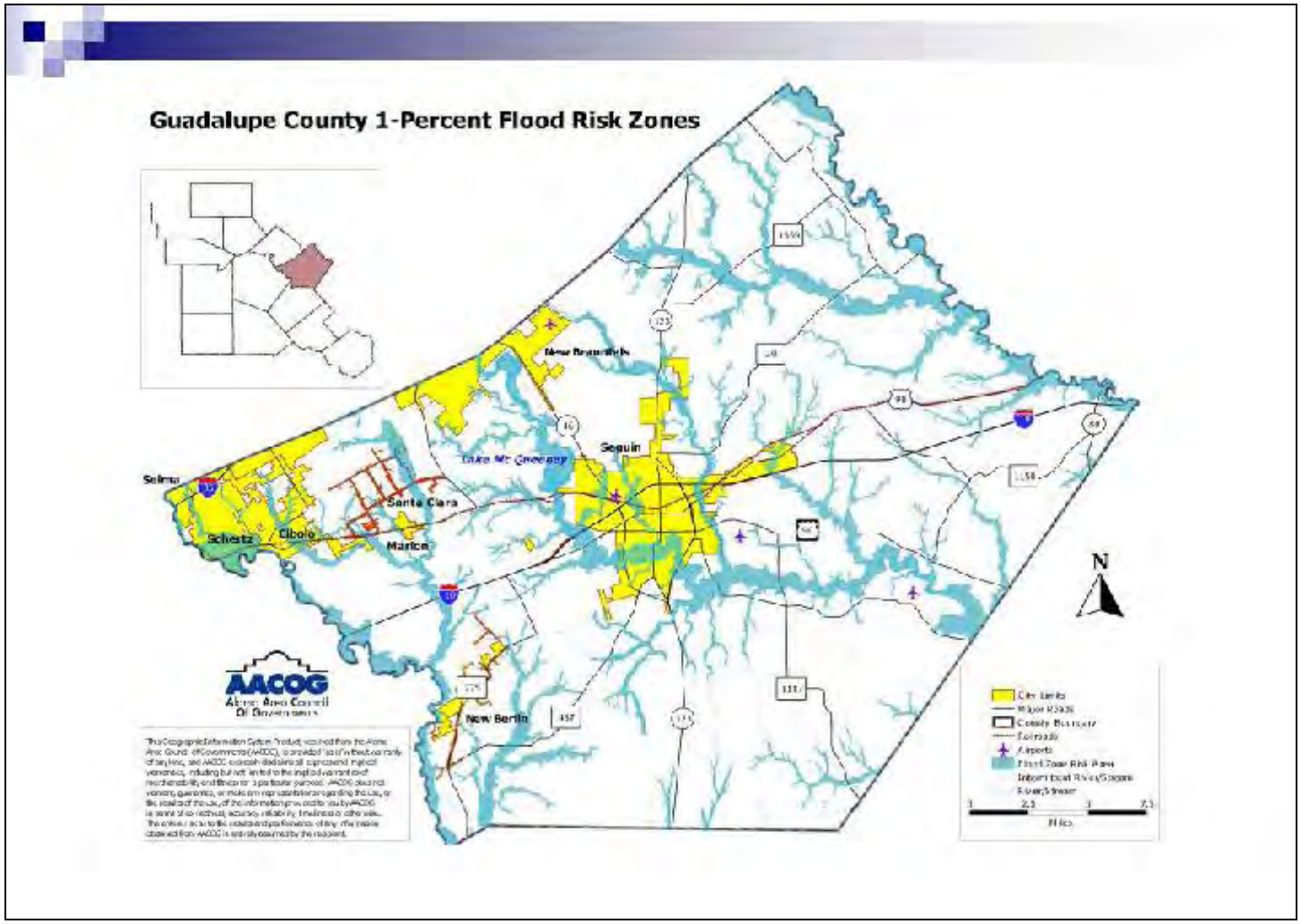

Goliad County Pipelines
NATURAL GAS
NATURAL GAS PIPELINES
NATURAL GAS
NATURAL GAS
NATURAL GAS
REFINED PRODUCTS
Goliad
CRUDE OIL
N
AACOG

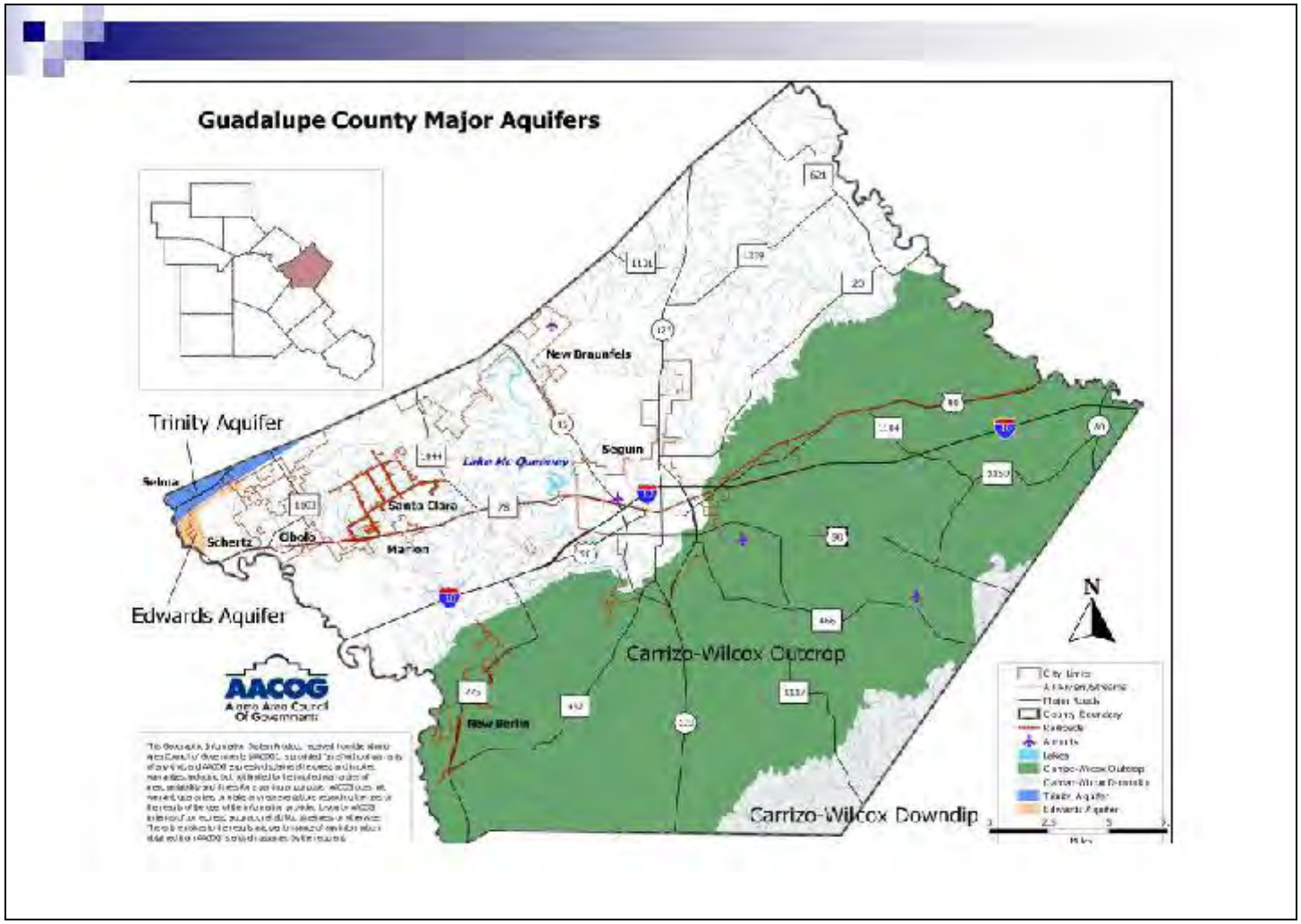

Goliad County Tornadoes,
1950 - 2009
Goliad
N
AACOG

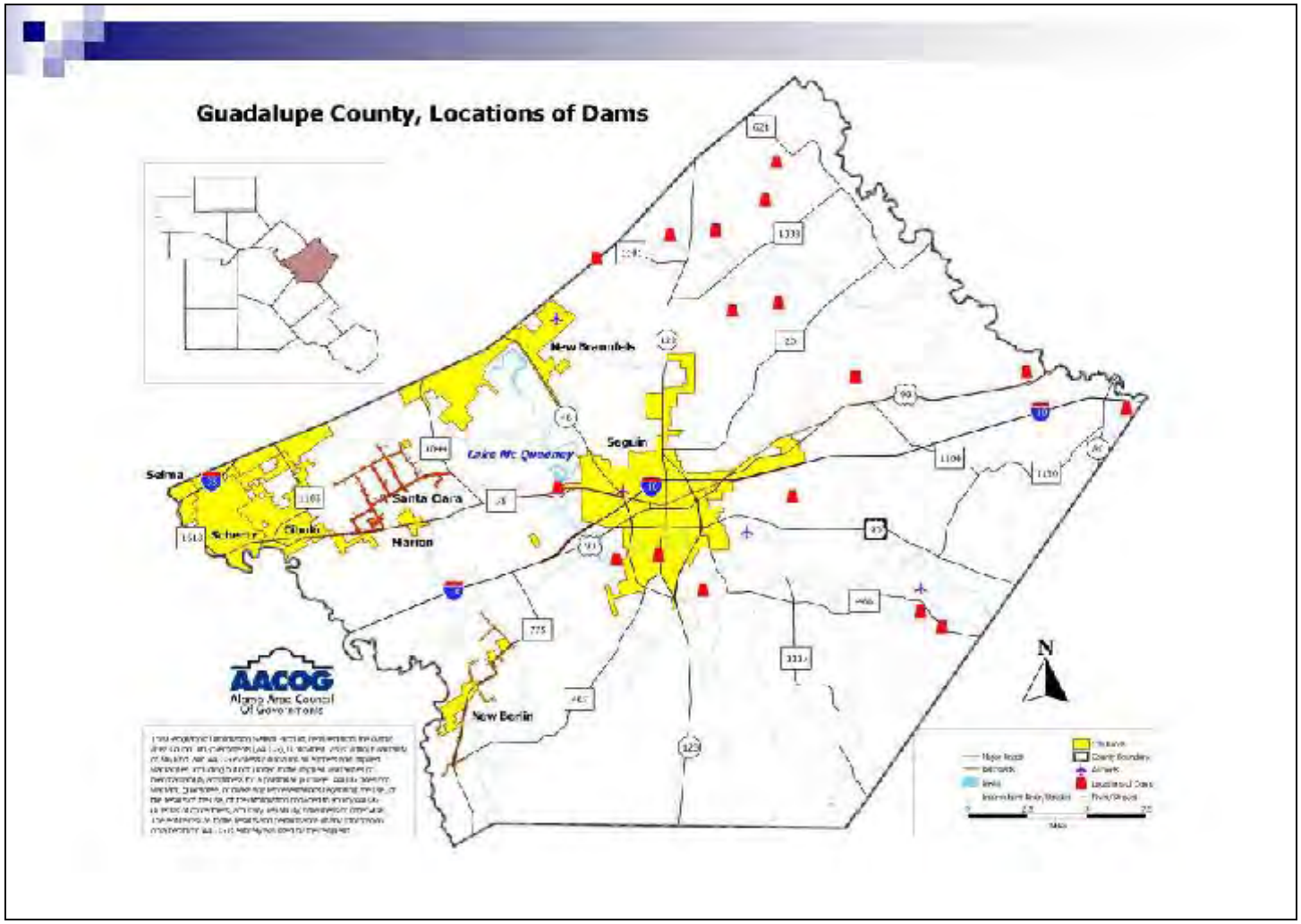

GUADALUPE COUNTY

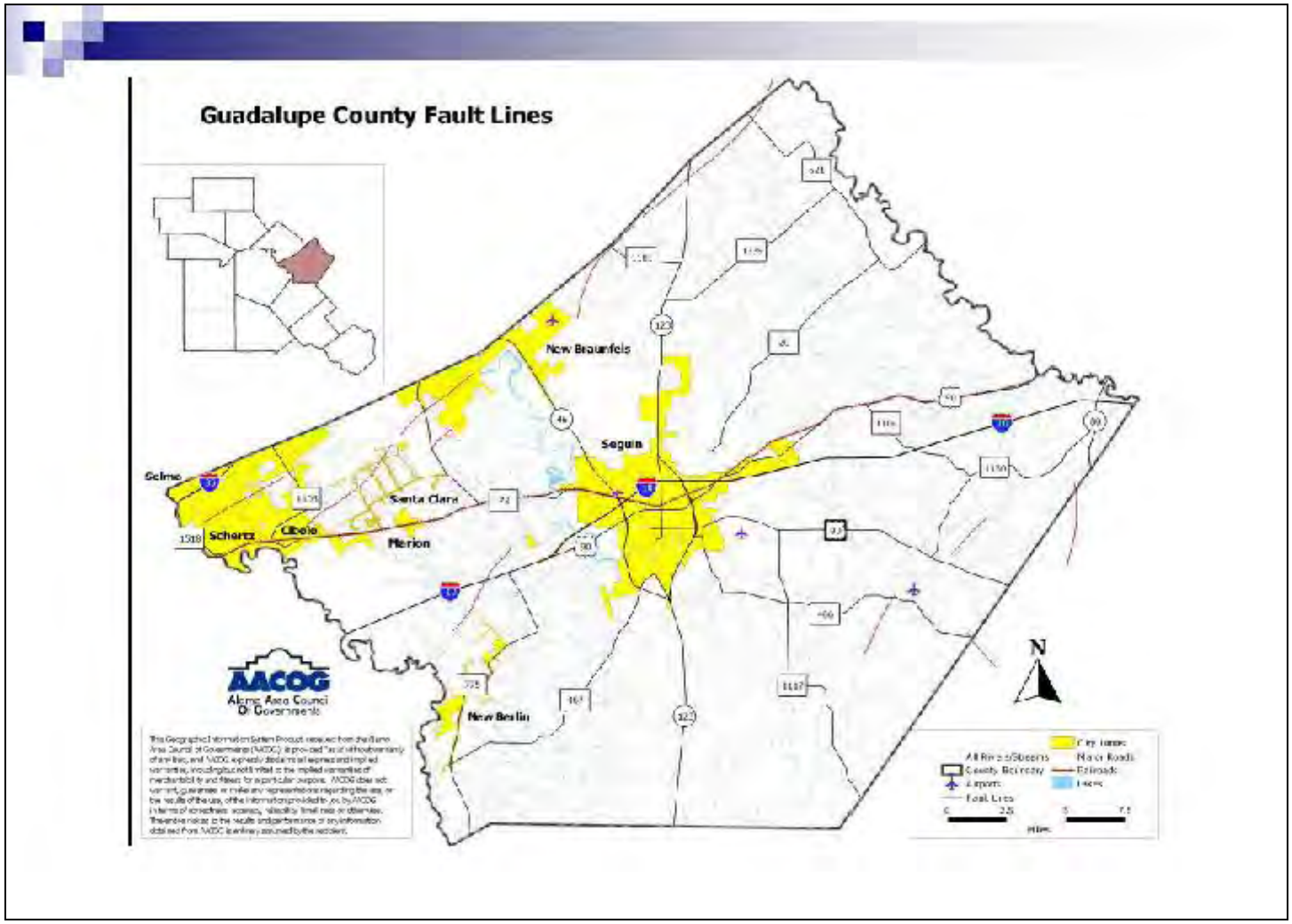

Guadalupe County Base Map
New Braunfels
Seguin
Lake Mc Queeney
Selma
Santa Clara
Cibolo
Marion
Schertz
New Berlin
AACOG
Alamo Area Council Of Governments
N
City Limits
Major Roads
Railroads
Counties
Airports
Miles

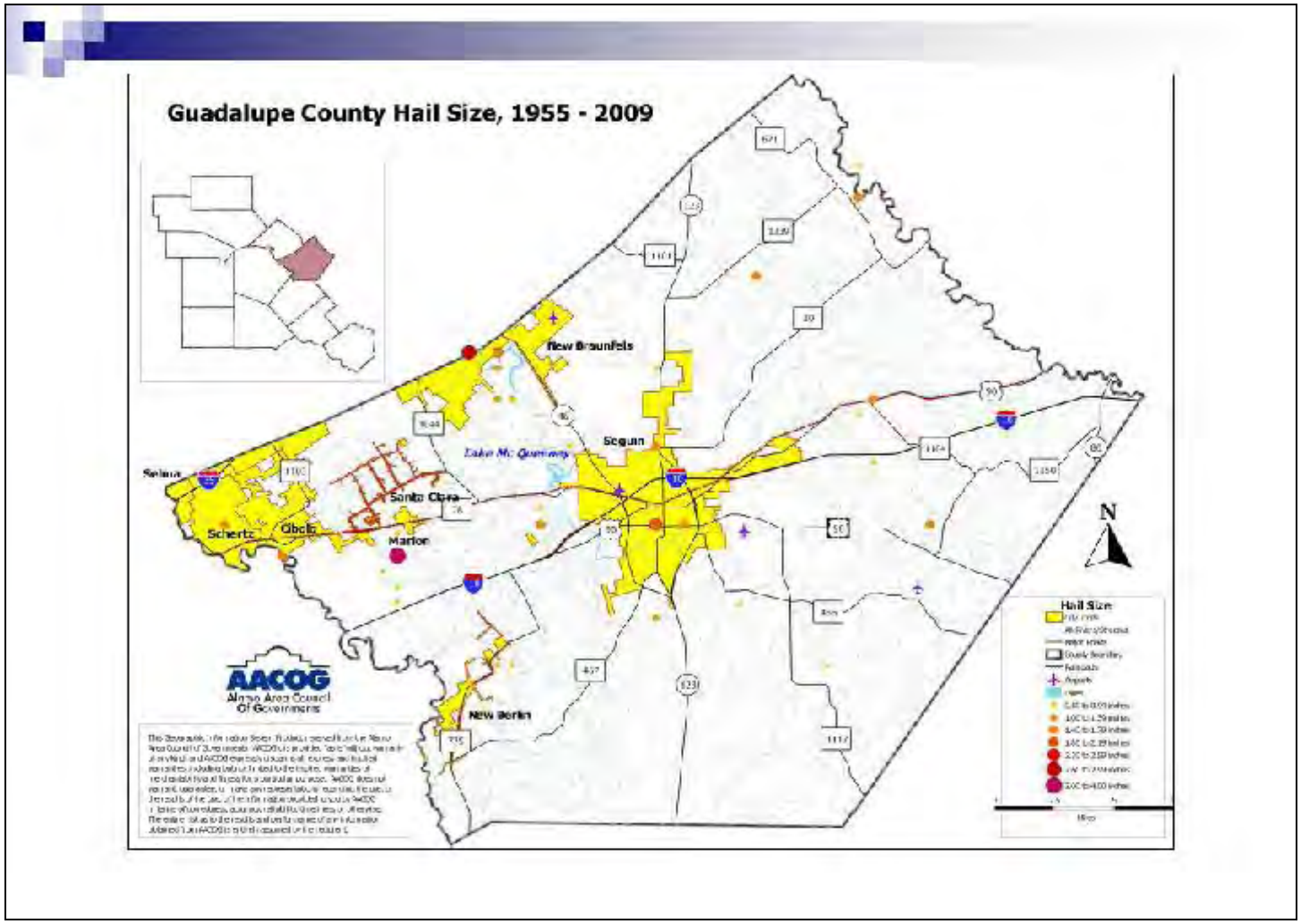

Guadalupe County Agriculture Parcels
New Braunfels
Seguin
Santa Clara
Schertz
Cibolo
Marion
New Berlin
AACOG
Alamo Area Council Of Governments
N

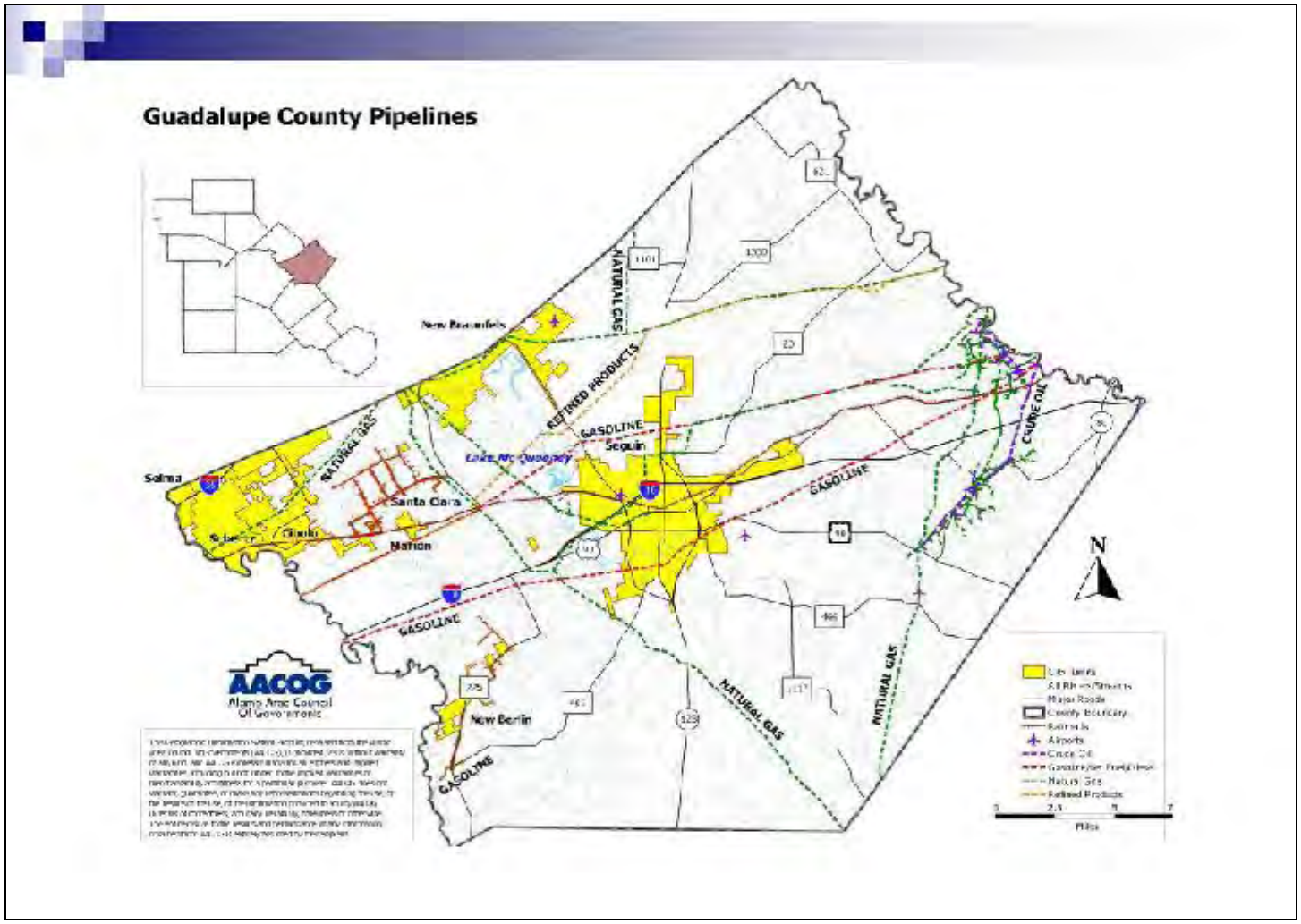

Guadalupe County 1-Percent Flood Risk Zones
Seguin
Lake McQueeney
Selma
Santa Clara
Schertz
Cibolo
Marion
New Berlin
AACOG
N

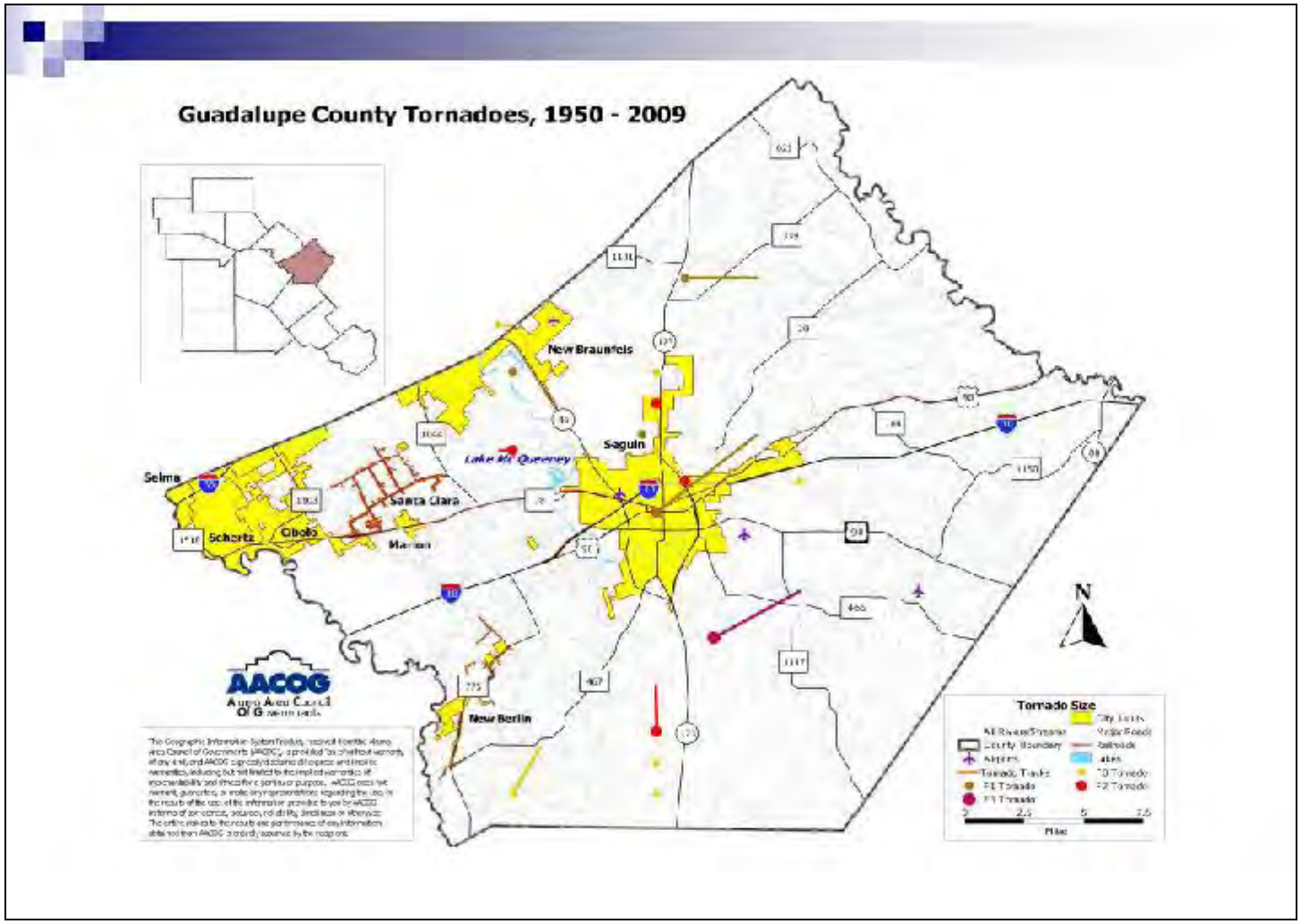

Guadalupe County Major Aquifers
New Braunfels
Trinity Aquifer
Seguin
Lake Mc Queeney
Selma
Santa Clara
Schertz
Cibolo
Marion
Edwards Aquifer
Carrizo-Wilcox Outcrop
New Berlin
Carrizo-Wilcox Downdip
N
AACOG
Alamo Area Council Of Governments

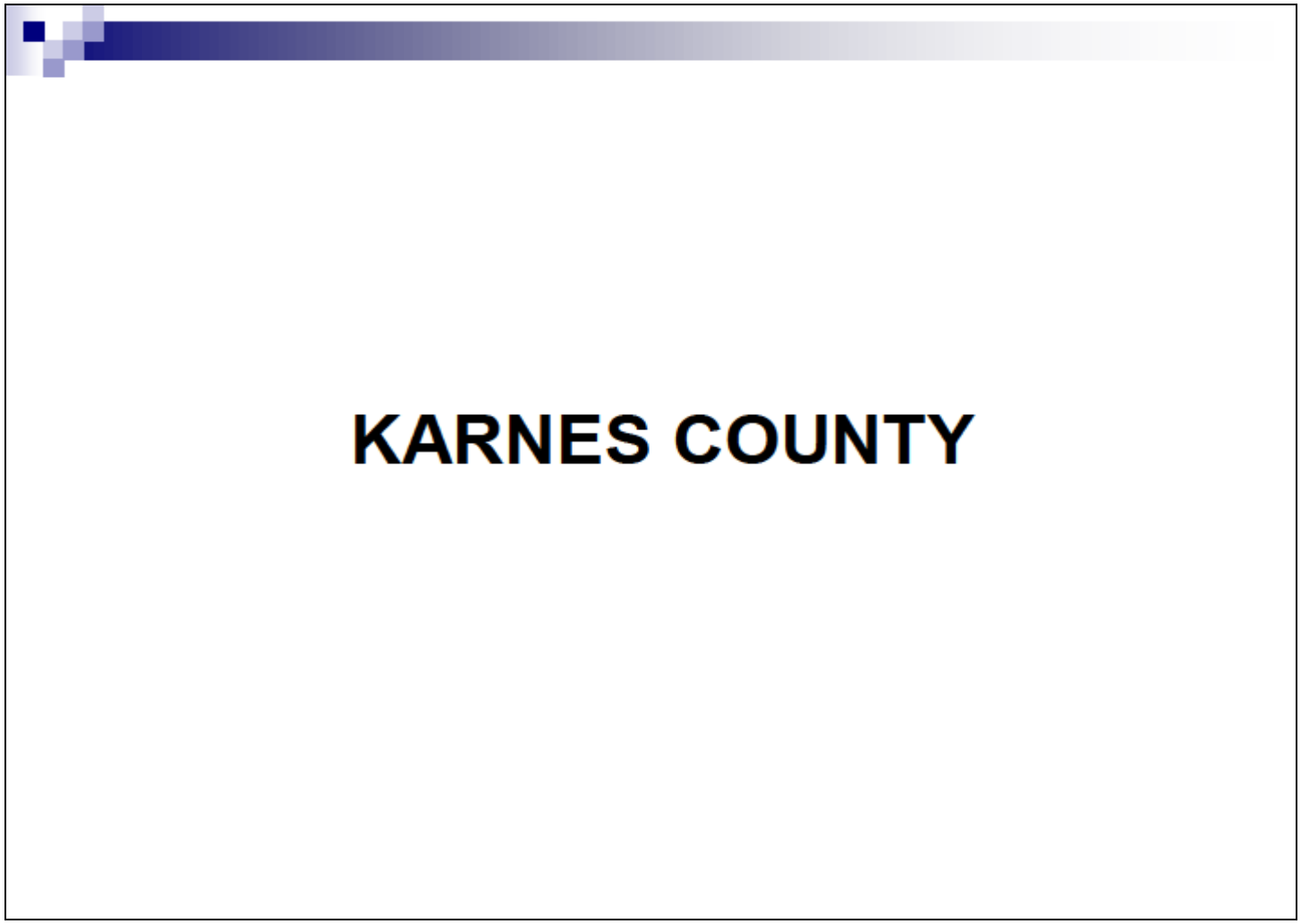

Guadalupe County, Locations of Dams
Seguin
Santa Clara
Marion
New Berlin
Lake Mc Queeney
N
AACOG
Alamo Area Council Of Governments

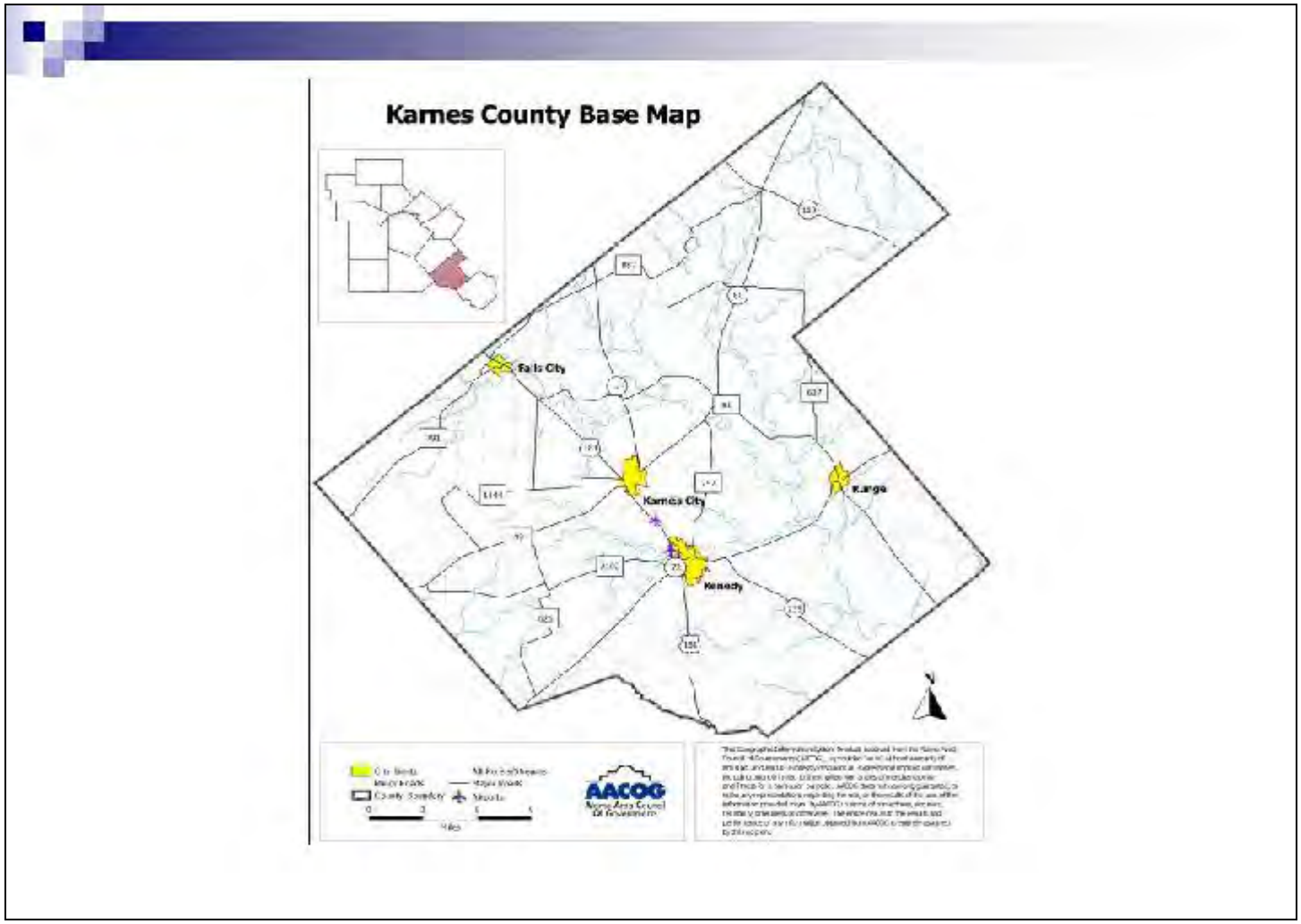

Guadalupe County Fault Lines
New Braunfels
Seguin
Selma
Santa Clara
Schertz
Cibolo
Marion
New Berlin
AACOG
Alamo Area Council Of Governments
N

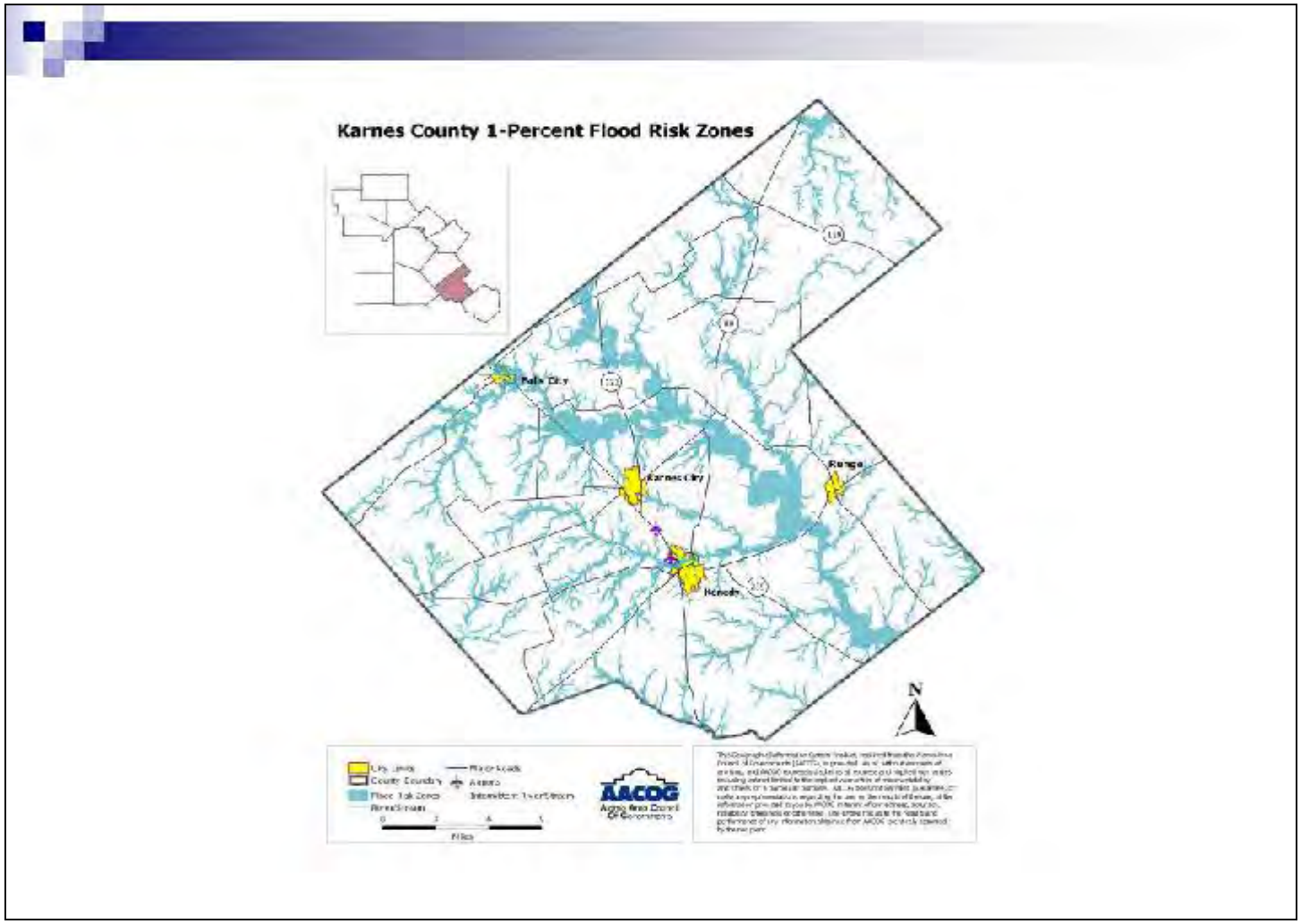

Guadalupe County Hail Size, 1955 - 2009
New Braunfels
Seguin
Schertz
Cibolo
Marion
Santa Clara
New Berlin
AACOG
Alamo Area Council of Governments
N
Hail Size

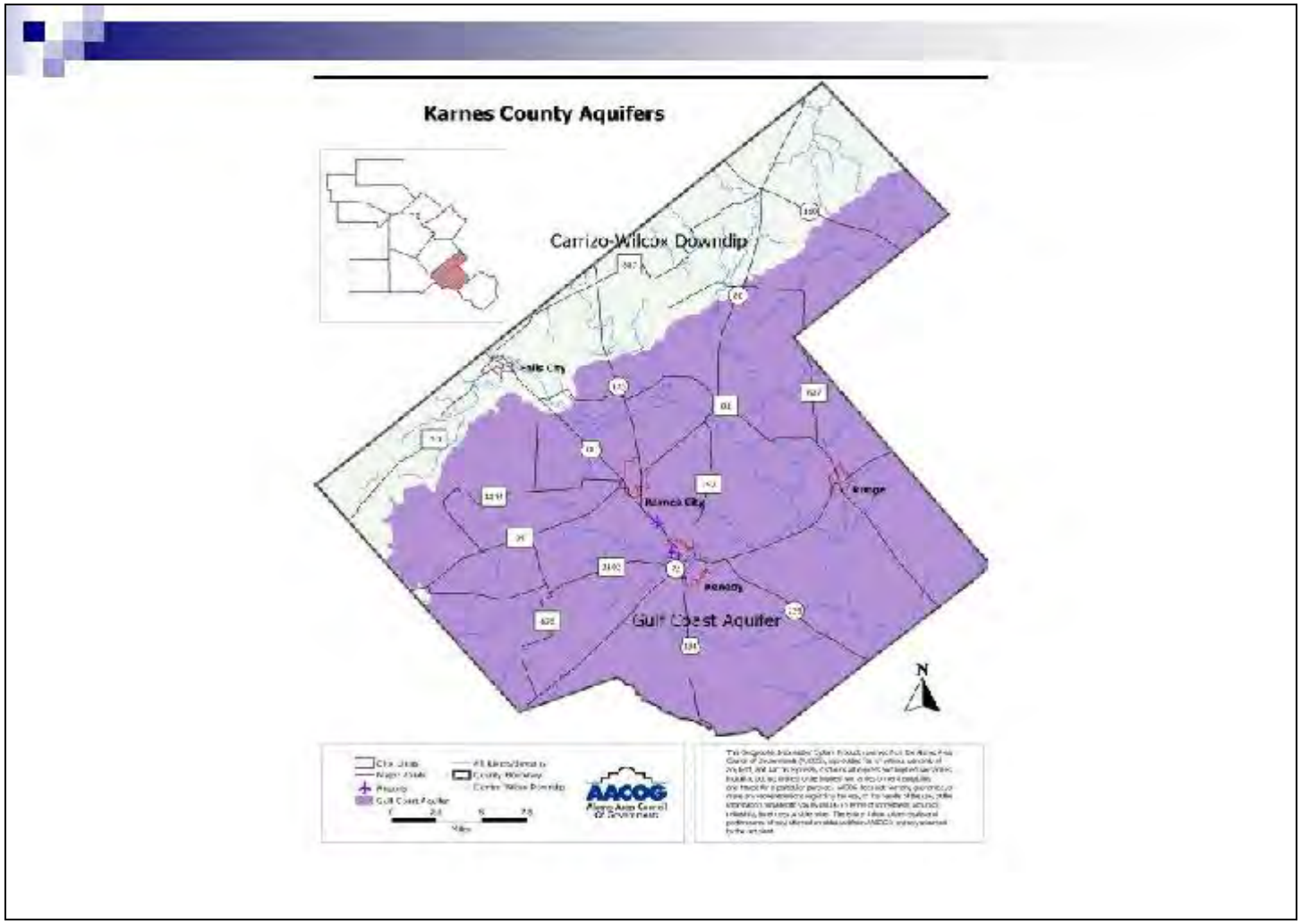

Guadalupe County Pipelines
NATURAL GAS
REFINED PRODUCTS
GASOLINE
CRUDE OIL
Seguin
Santa Clara
Marion
Schertz
New Berlin
AACOG
Alamo Area Council Of Governments
N
Major Roads
County Boundary
Railroads
Airports
Natural Gas
Refined Products
Miles

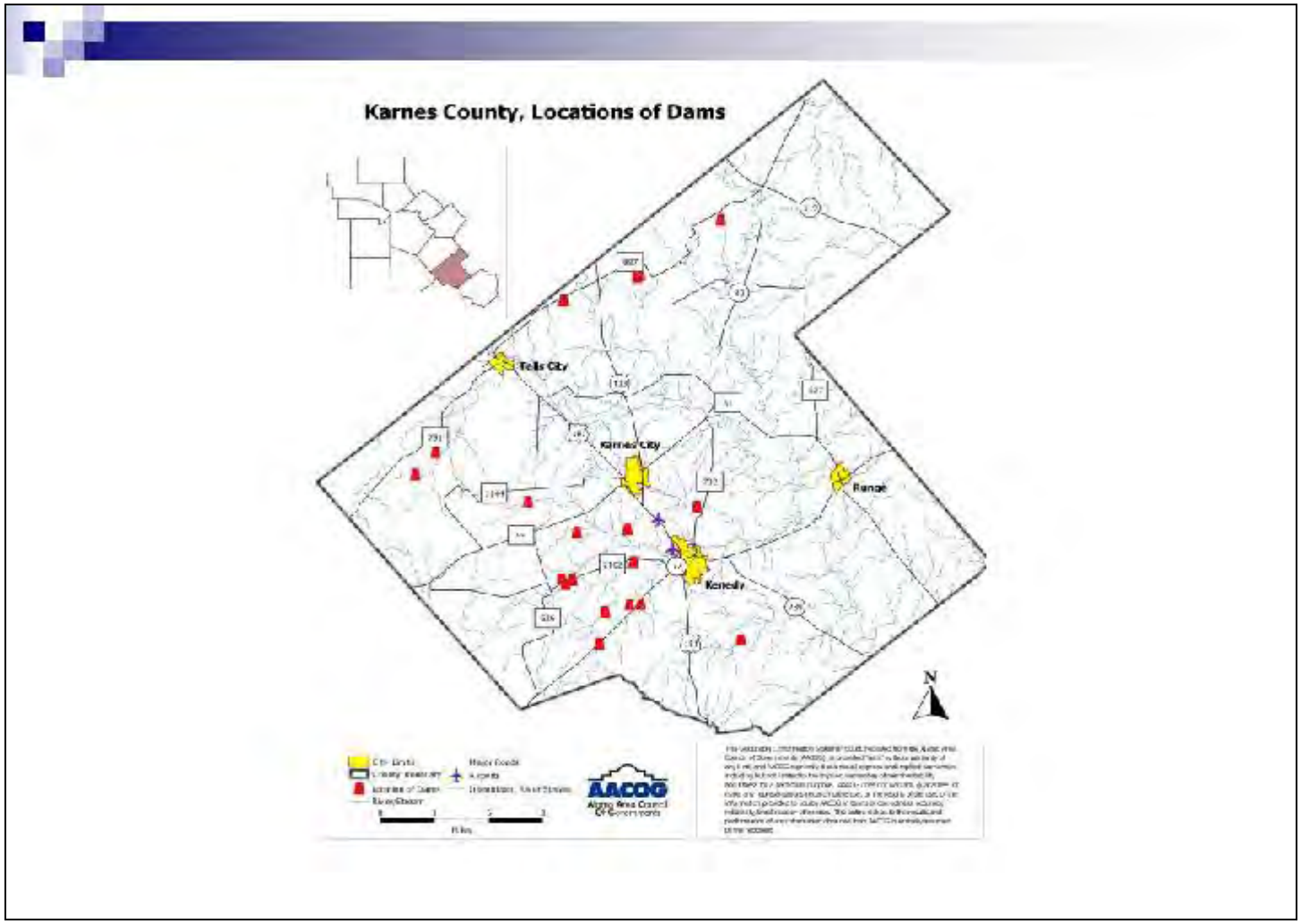

Guadalupe County Tornadoes, 1950 - 2009
New Braunfels
Seguin
Selma
Schertz
Cibolo
Santa Clara
Marion
New Berlin
AACOG
N
Tornado Size

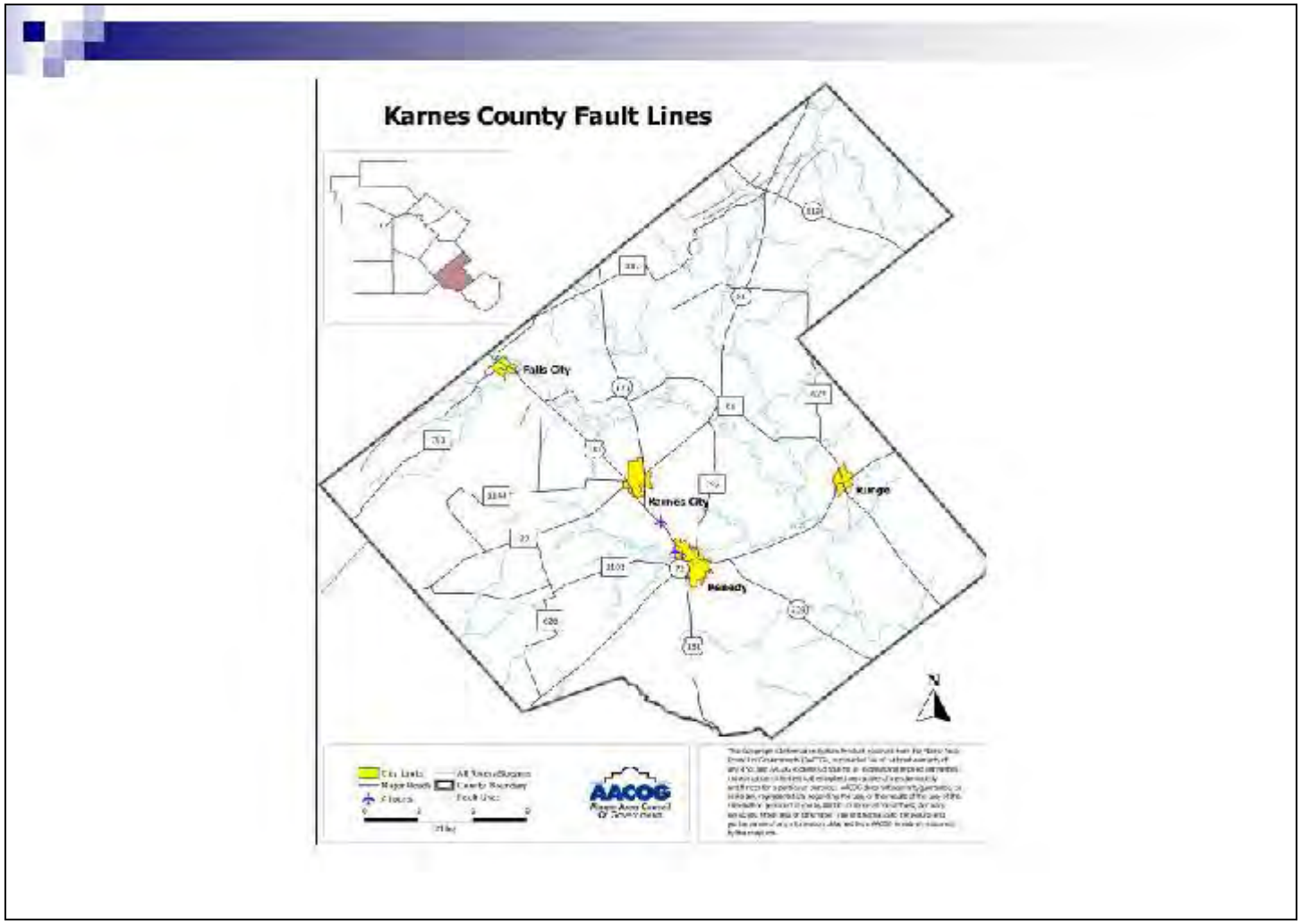

KARNES COUNTY

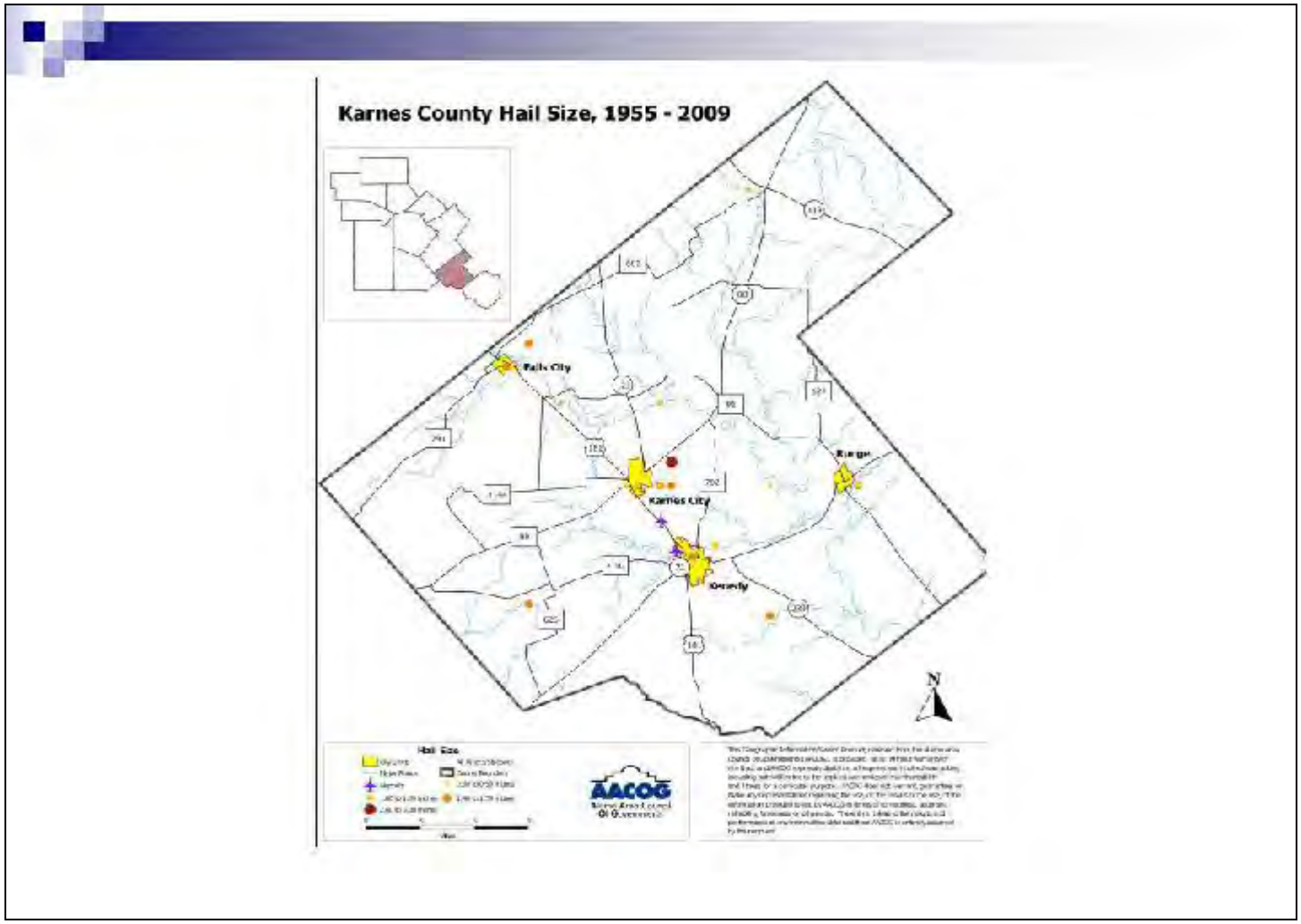

Karnes County Base Map
Falls City
Karnes City
Kenedy
Karnes City Base Map

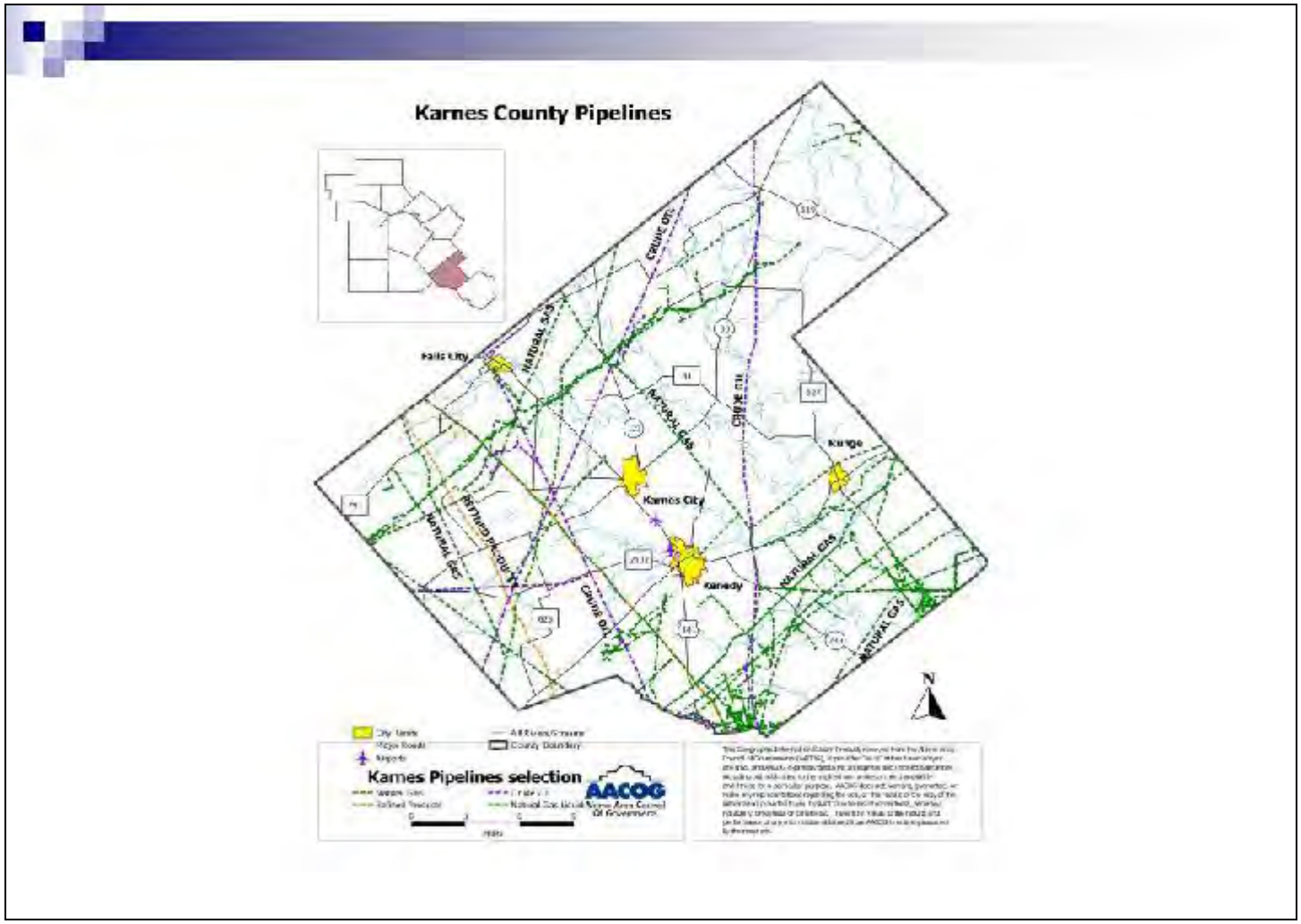

Karnes County 1-Percent Flood Risk Zones
Falls City
Karnes City
Runge
Kenedy
N
AACOG

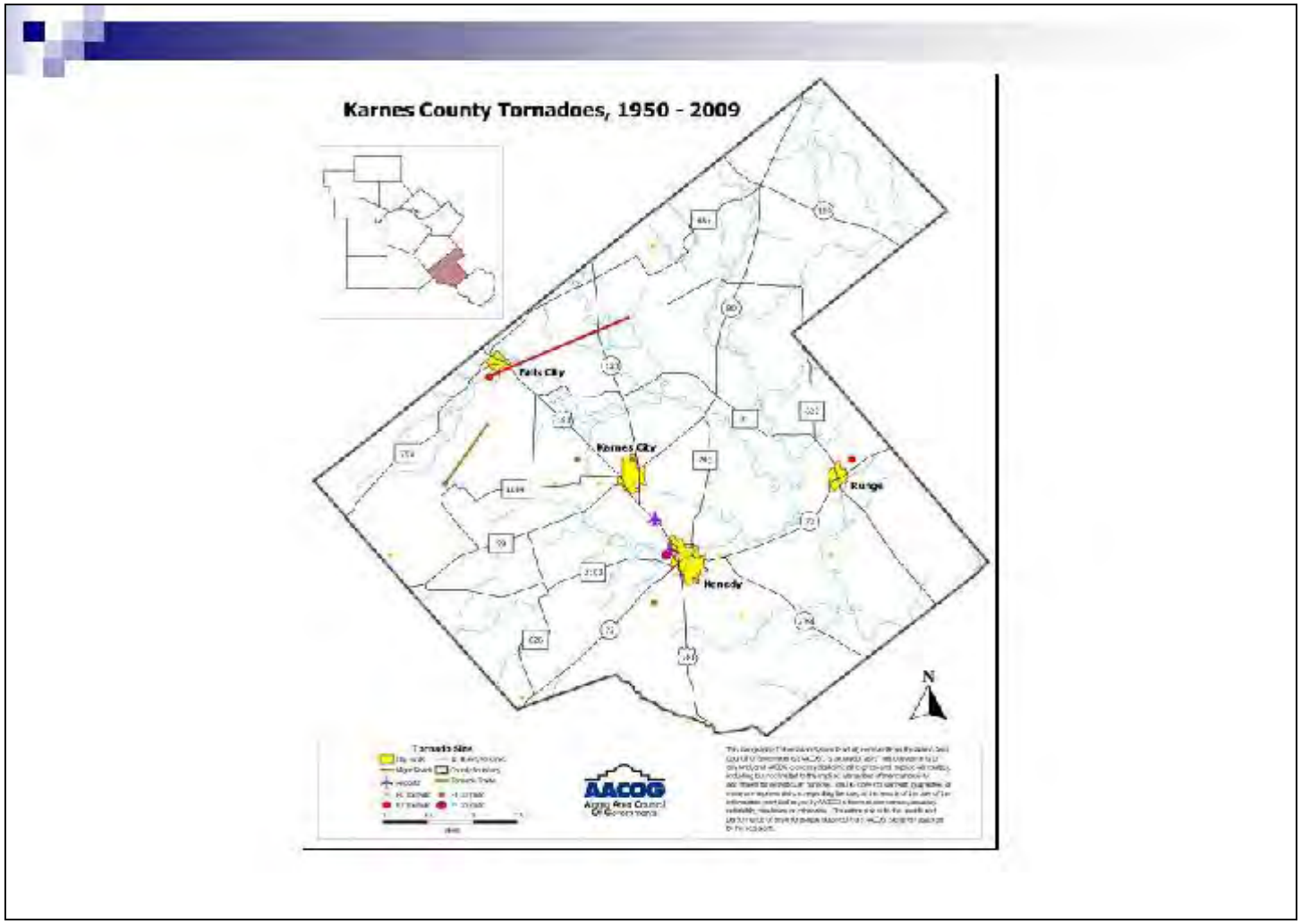

Karnes County Aquifers
Carrizo-Wilcox Downdip
Gulf Coast Aquifer
N
AACOG

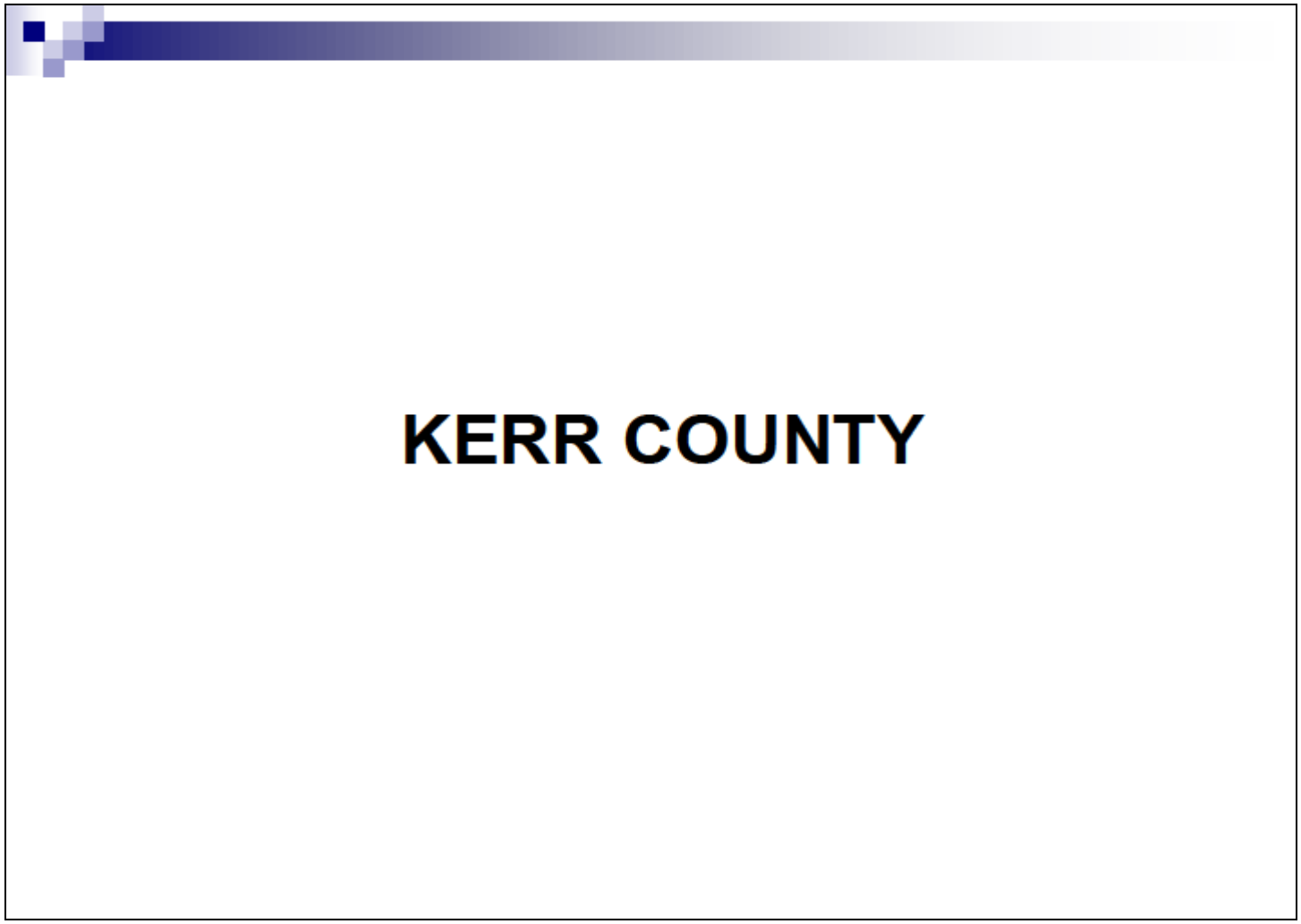

Karnes County, Locations of Dams
Falls City
Karnes City
Kenedy
Runge
N
AACOG
Alamo Area Council of Governments

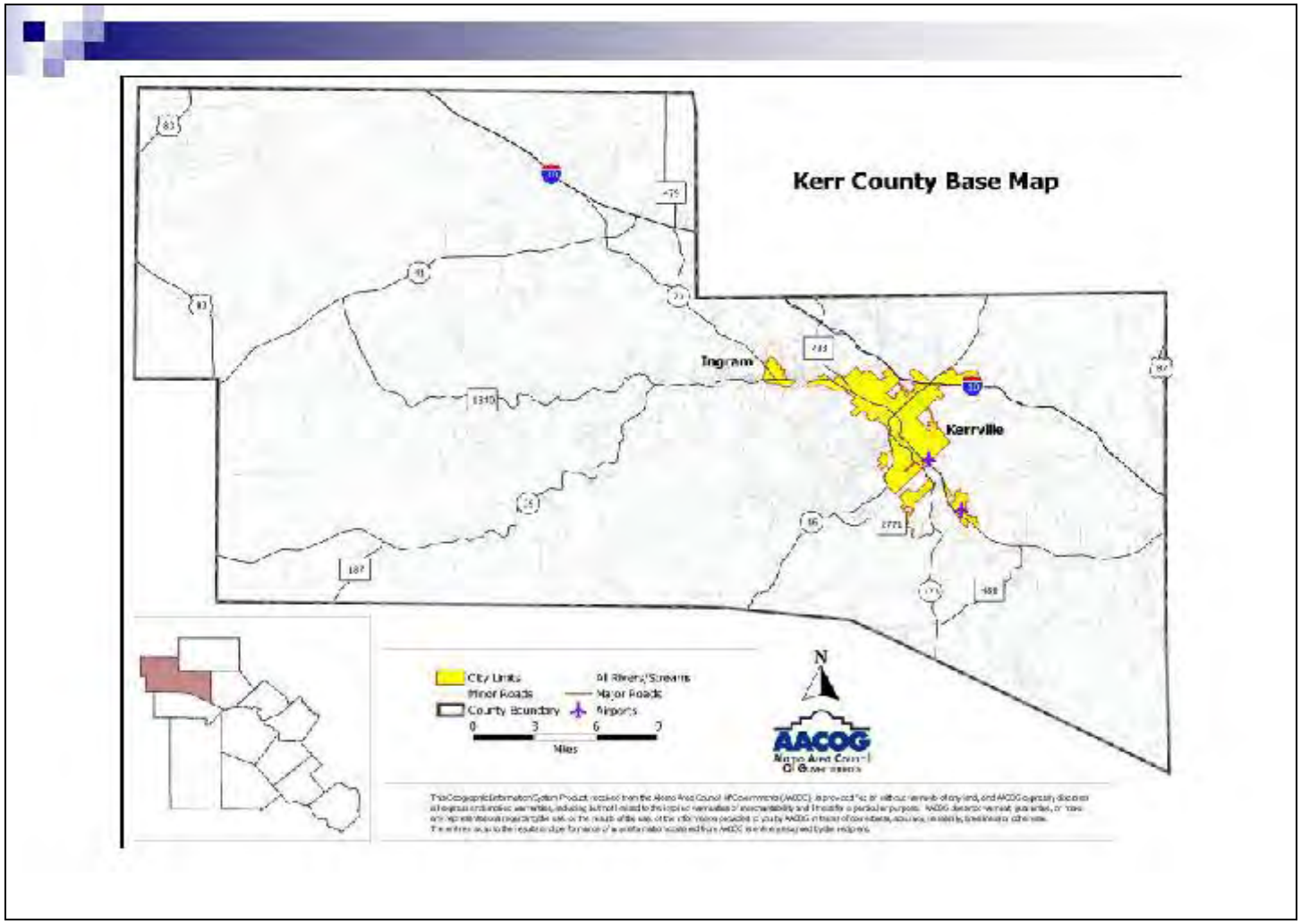

Karnes County Fault Lines
Falls City
Karnes City
Kenedy
Kenedy
AACOG

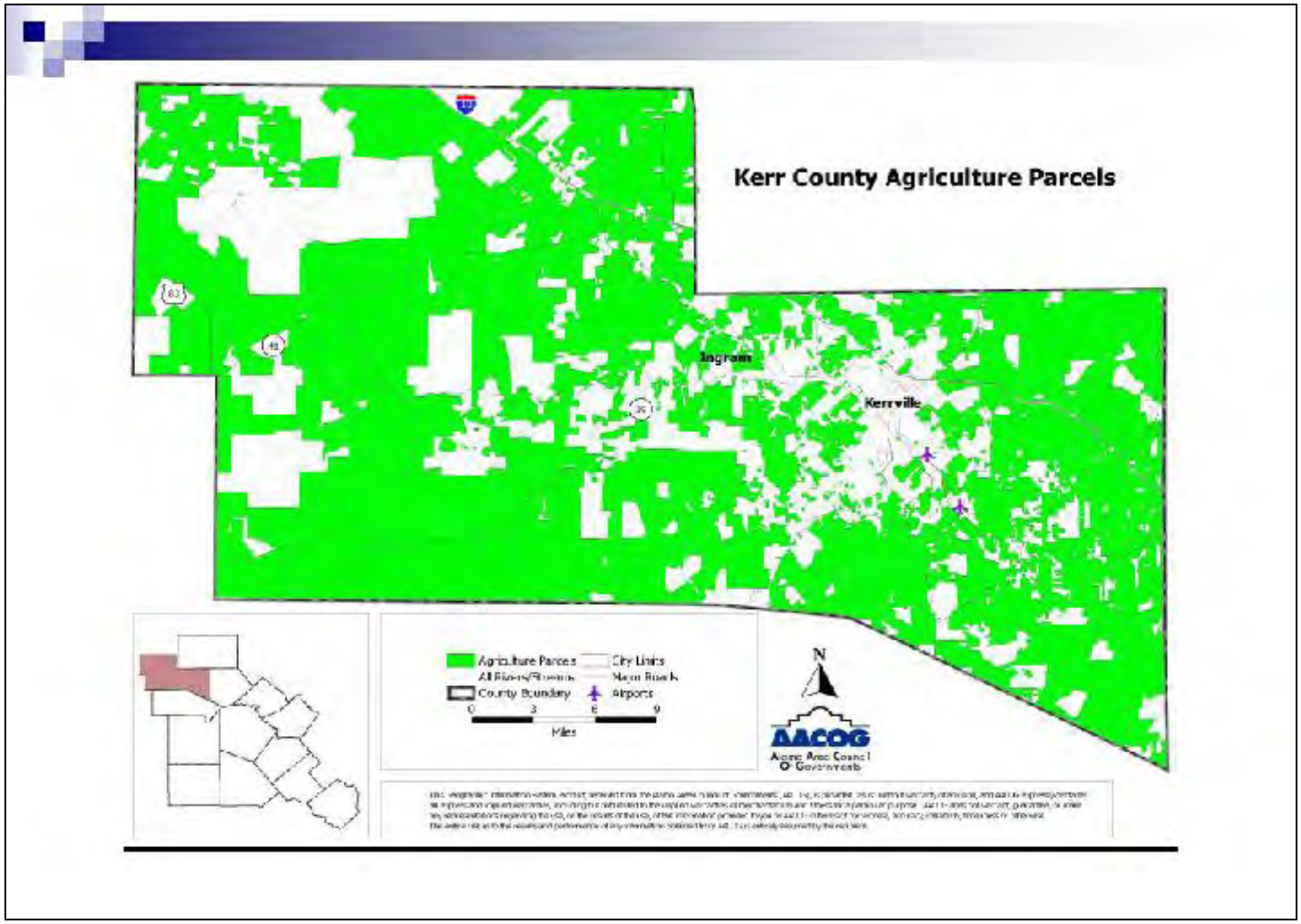

Karnes County Hail Size, 1955 - 2009
Karnes City
Hail Size
AACOG

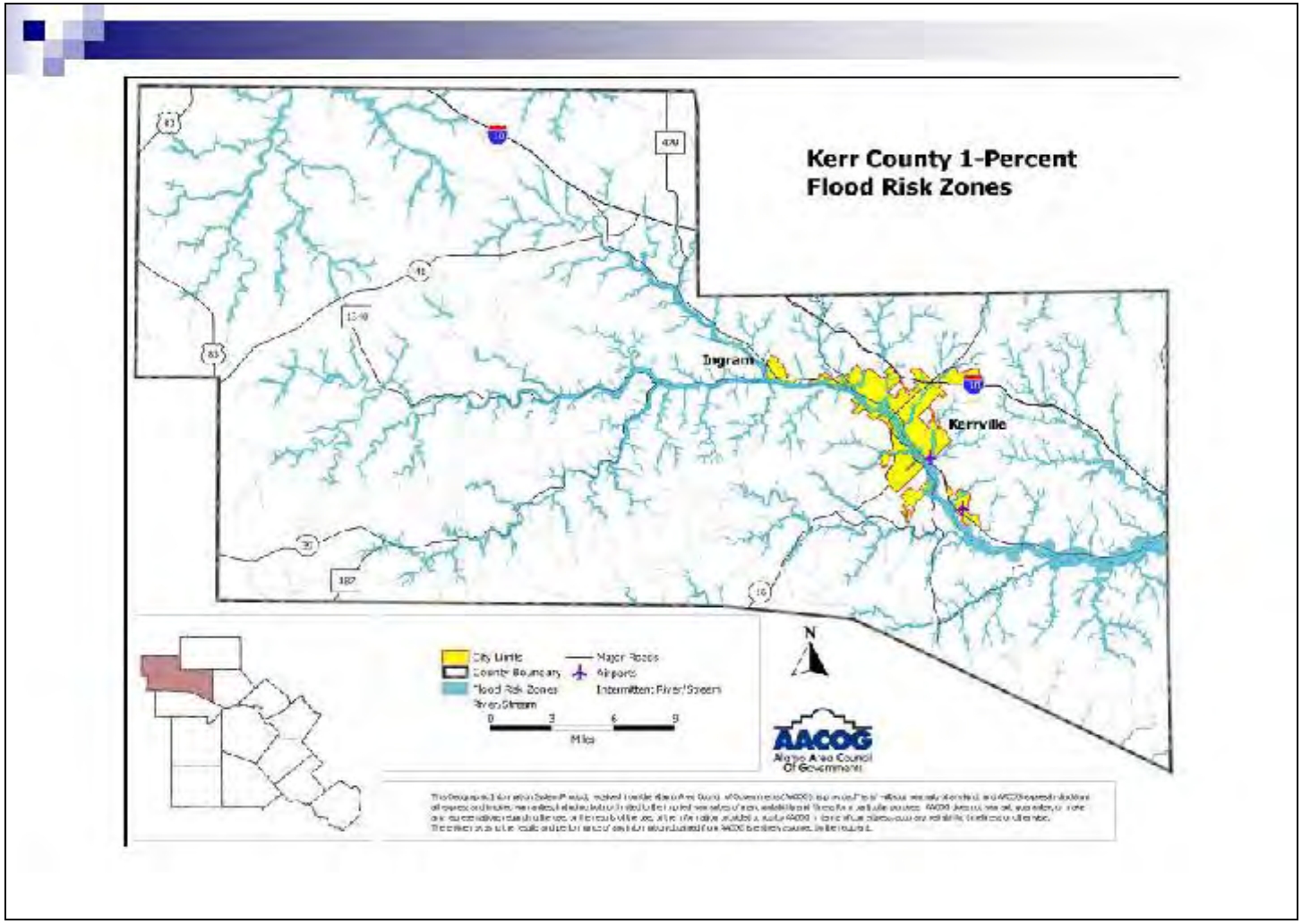

Karnes County Pipelines
Karnes City
Kenedy
Kenedy Pipeline
Karnes Pipelines selection
AACOG

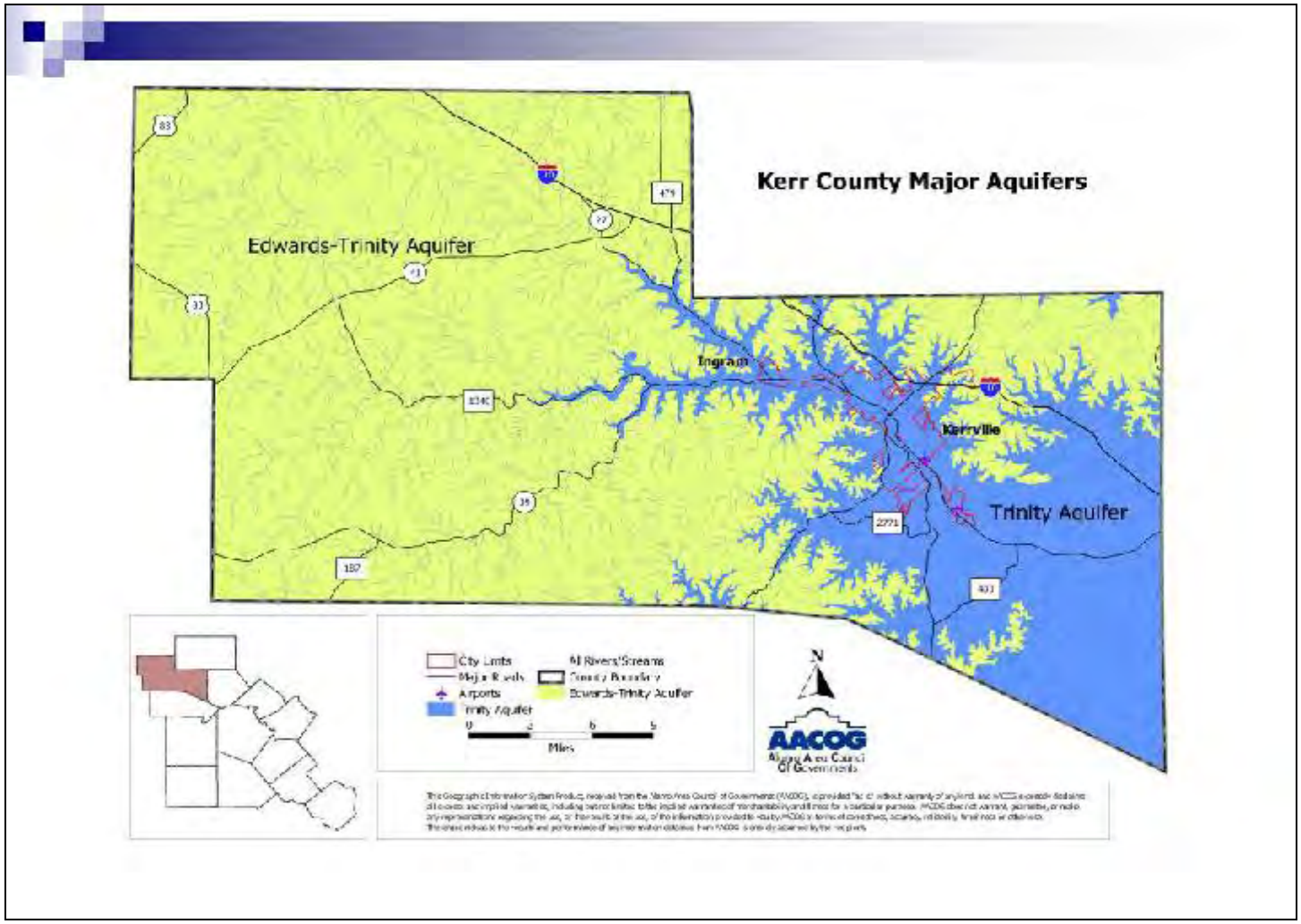

Karnes County Tornadoes, 1950 - 2009
Falls City
Karnes City
Runge
Kenedy
N
AACOG
Alamo Area Council of Governments

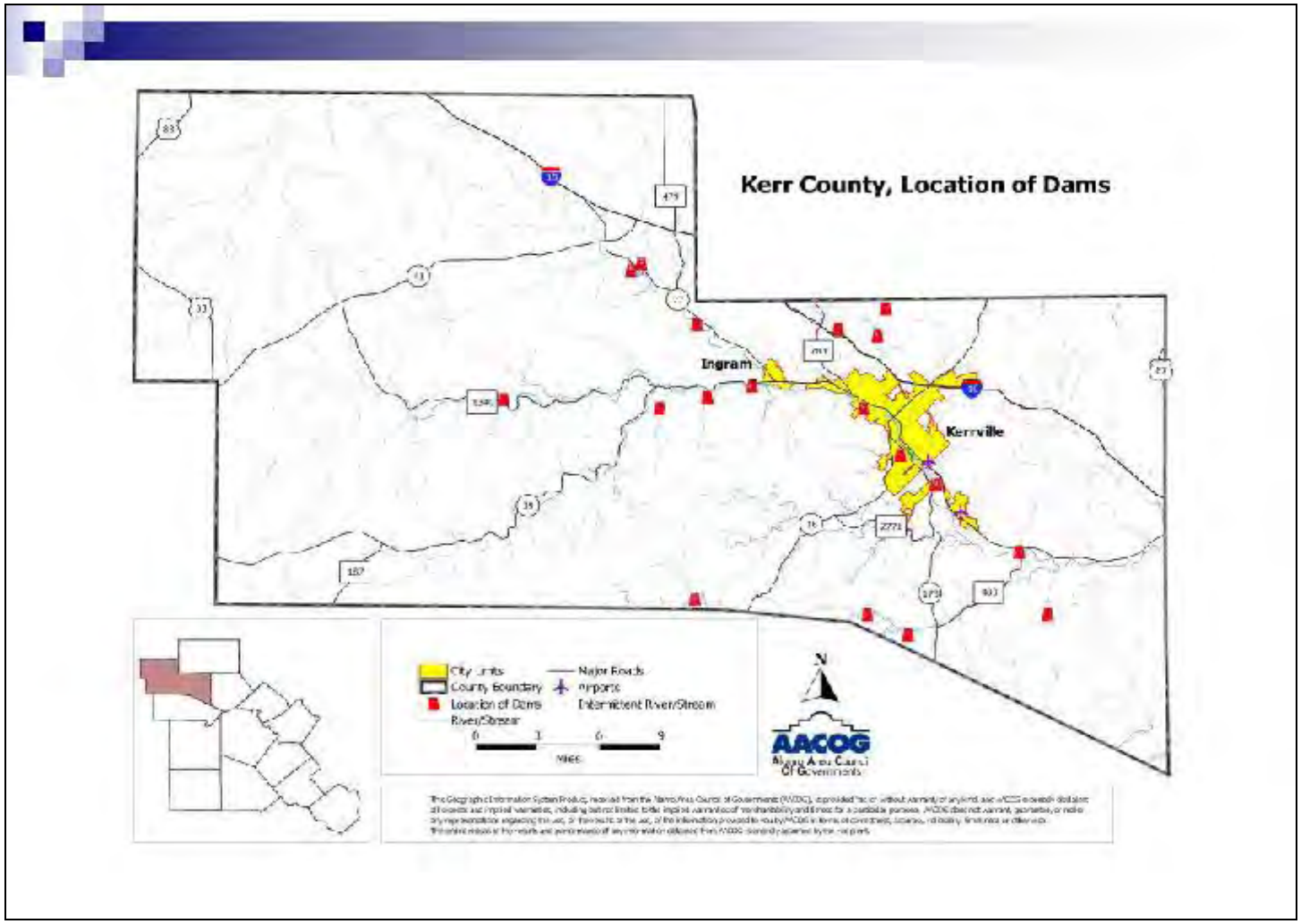

KERR COUNTY

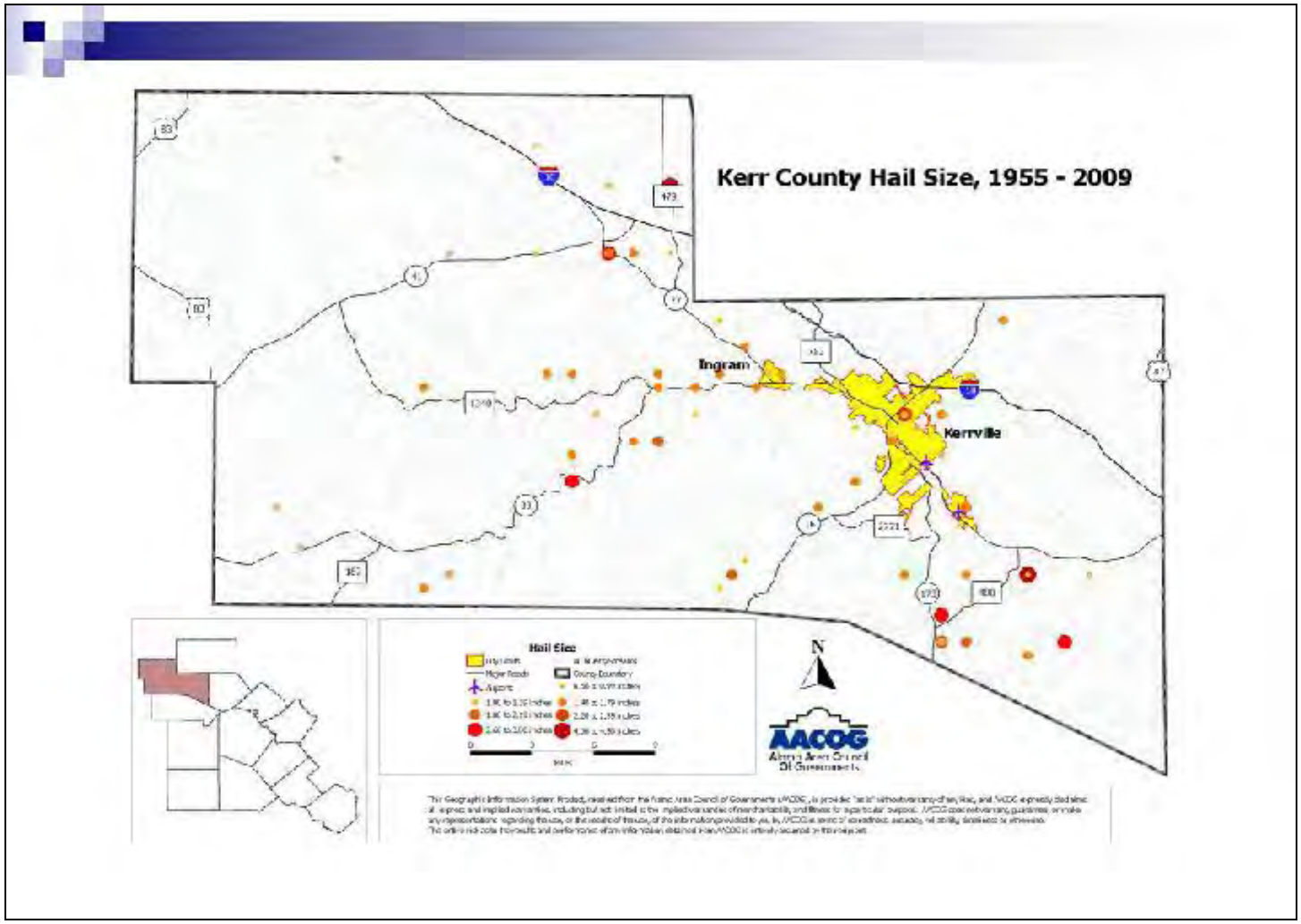

Kerr County Base Map
Ingram
Kerrville
City Limits
Minor Roads
County Boundary
All Rivers/Streams
Major Roads
Airports
0
3
6
Miles
N
AACOG

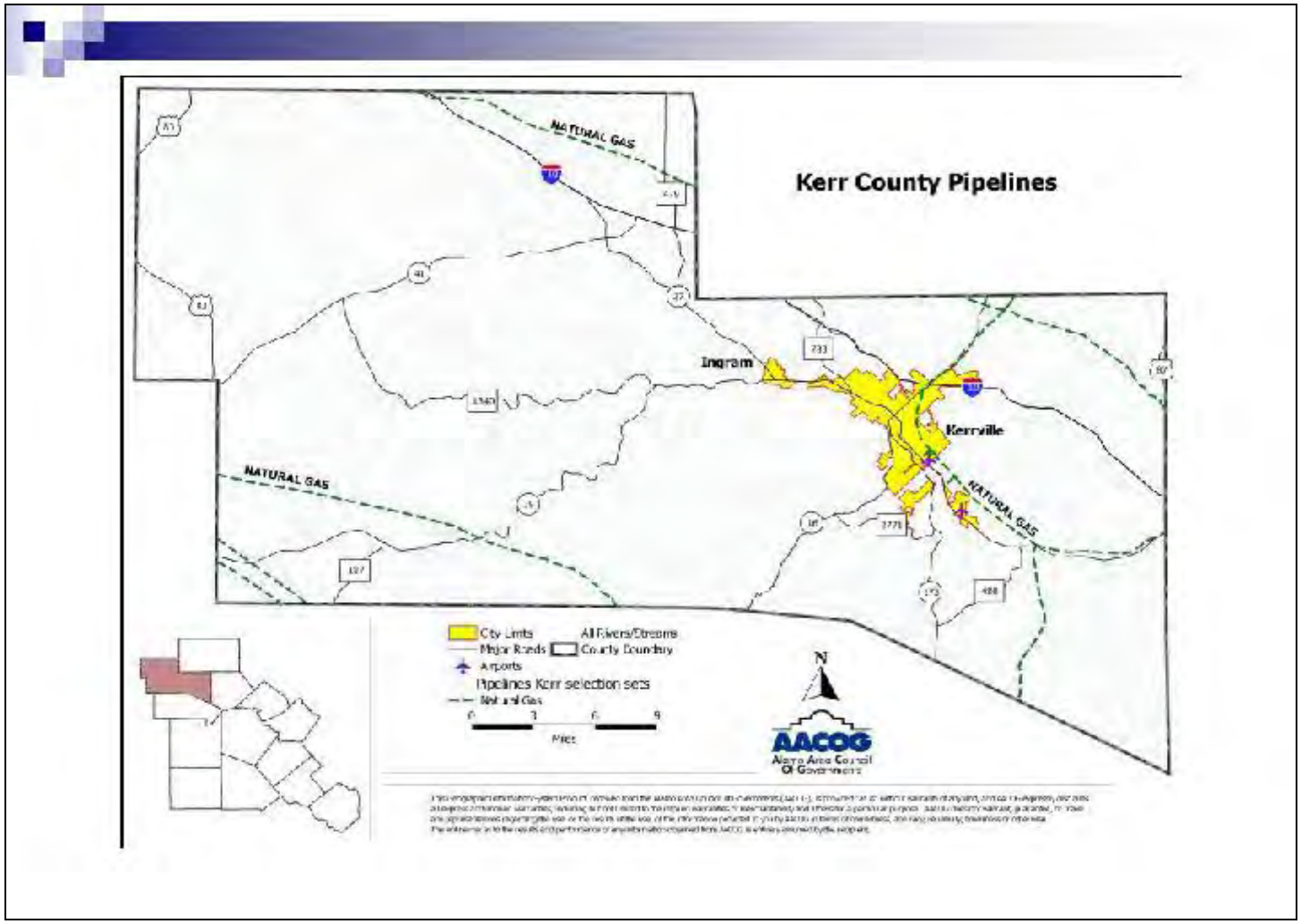

Kerr County Agriculture Parcels
Ingram
Kerrville
Agriculture Parcels
City Limits
County Boundary
Airports
0
3
6
9
Miles
N
AACOG
Alamo Area Council Of Governments

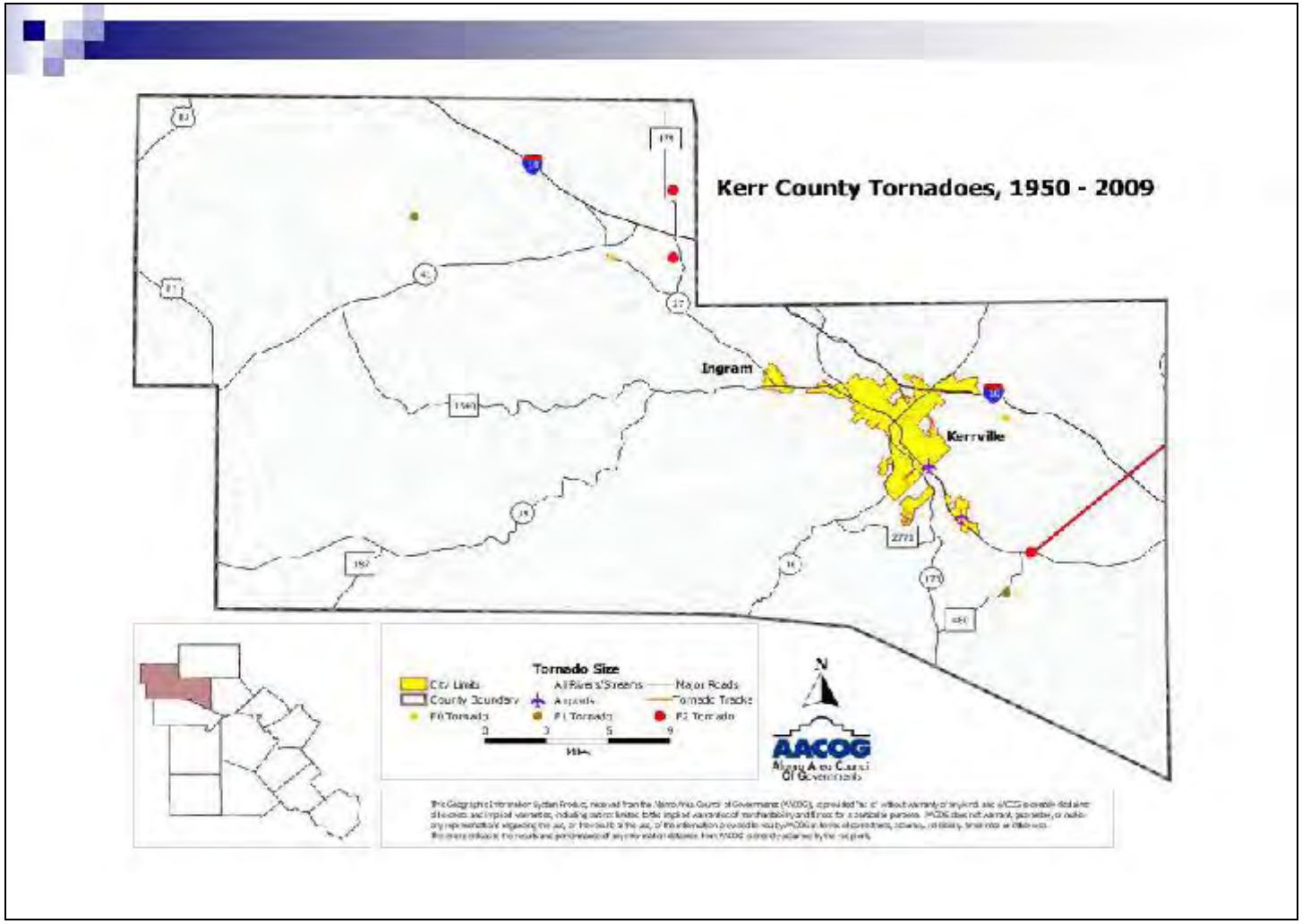

Kerr County 1-Percent
Flood Risk Zones
Ingram
Kerrville
City Limits
County Boundary
Flood Risk Zones
River/Stream
Major Roads
Airports
Intermittent River/Streams
0 3 6 9
Miles
N
AACOG
Alamo Area Council
of Governments

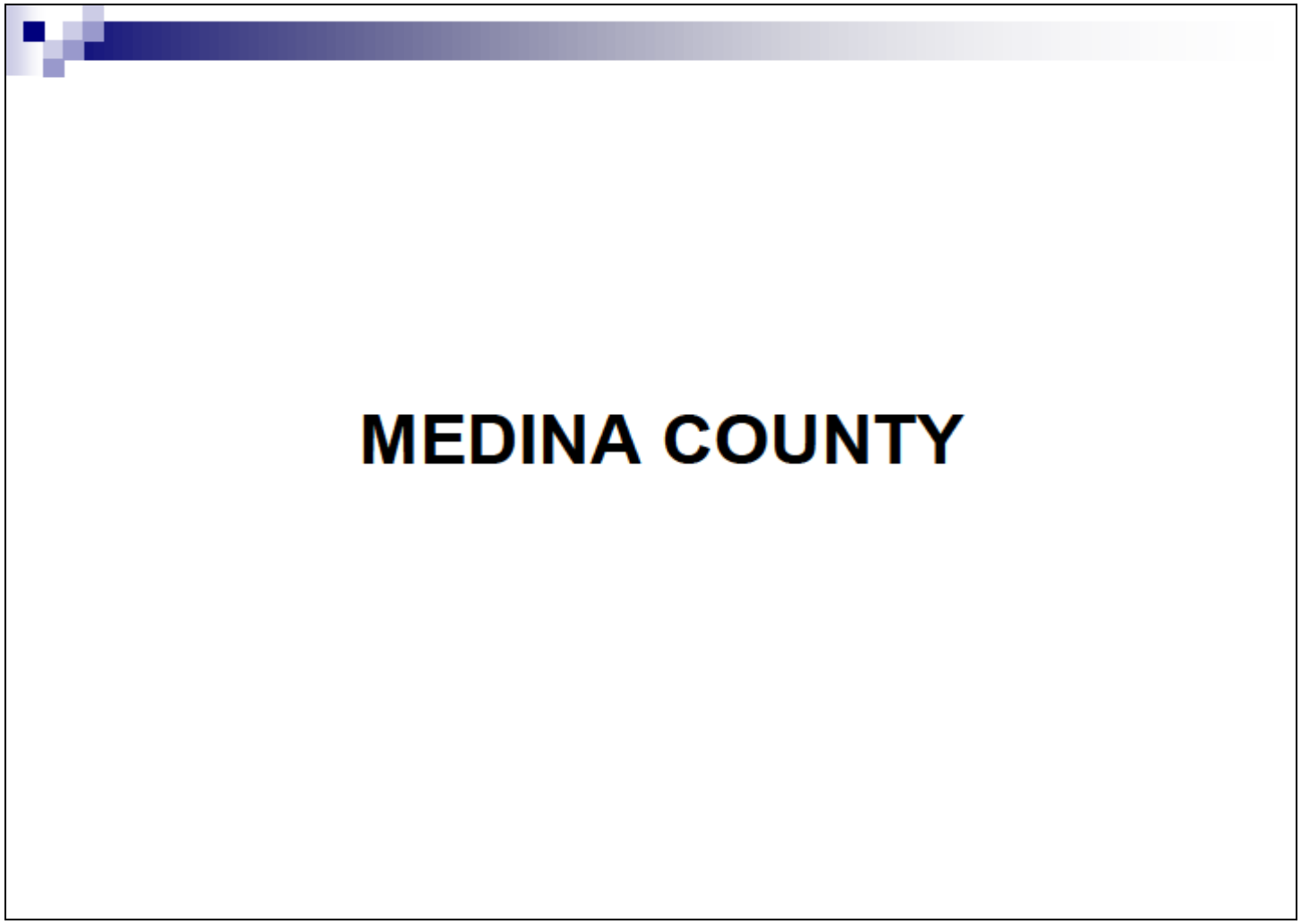

Kerr County Major Aquifers
Edwards-Trinity Aquifer
Trinity Aquifer
Ingram
Kerrville
83
39
187
2771
City Limits
Major Roads
Airports
Trinity Aquifer
All Rivers/Streams
County Boundary
Edwards-Trinity Aquifer
Miles
N
AACOG

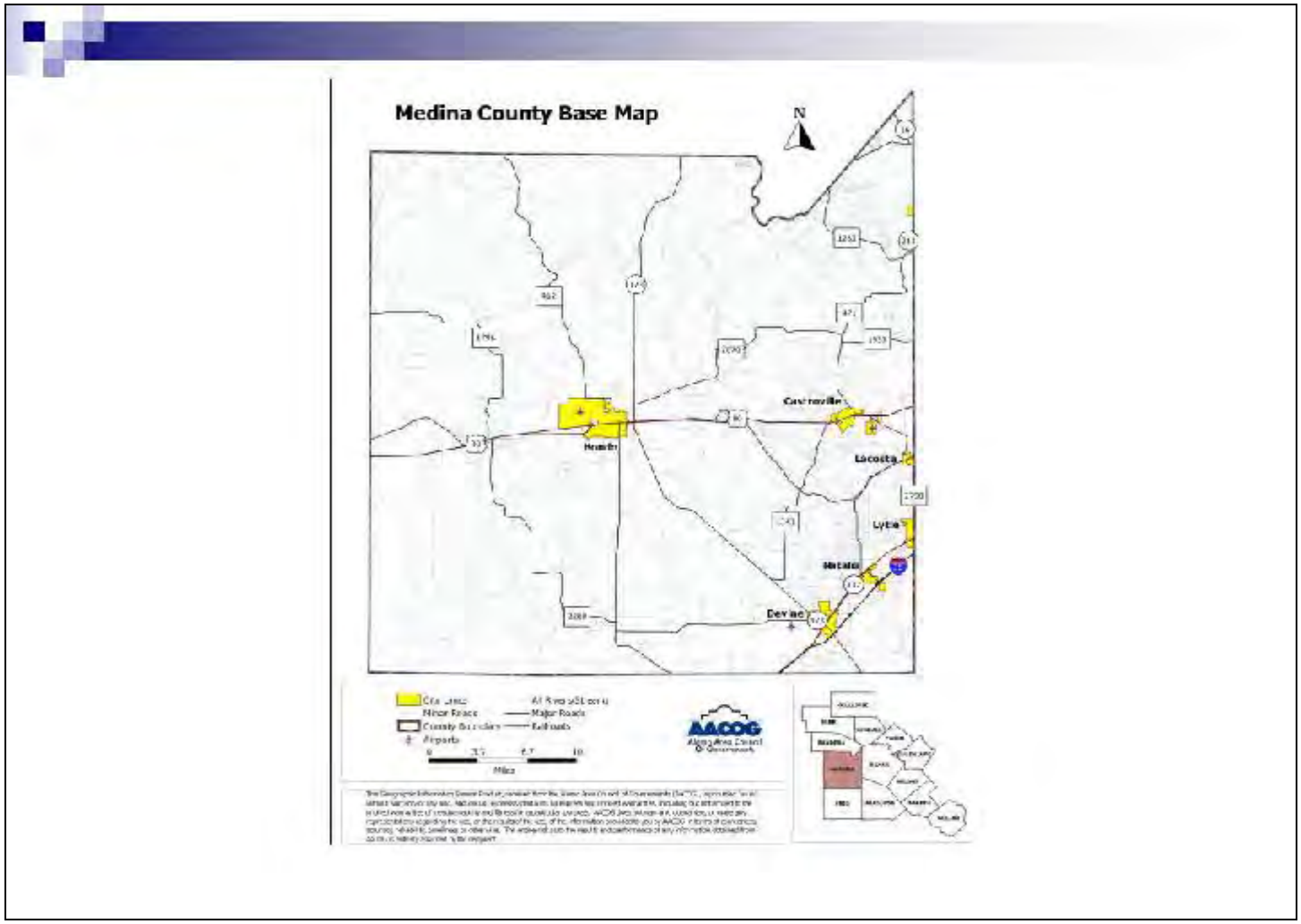

Kerr County, Location of Dams
Ingram
Kerrville
Major Roads
Airports
Intermittent River/Stream
Location of Dams
River/Stream
N
AACOG

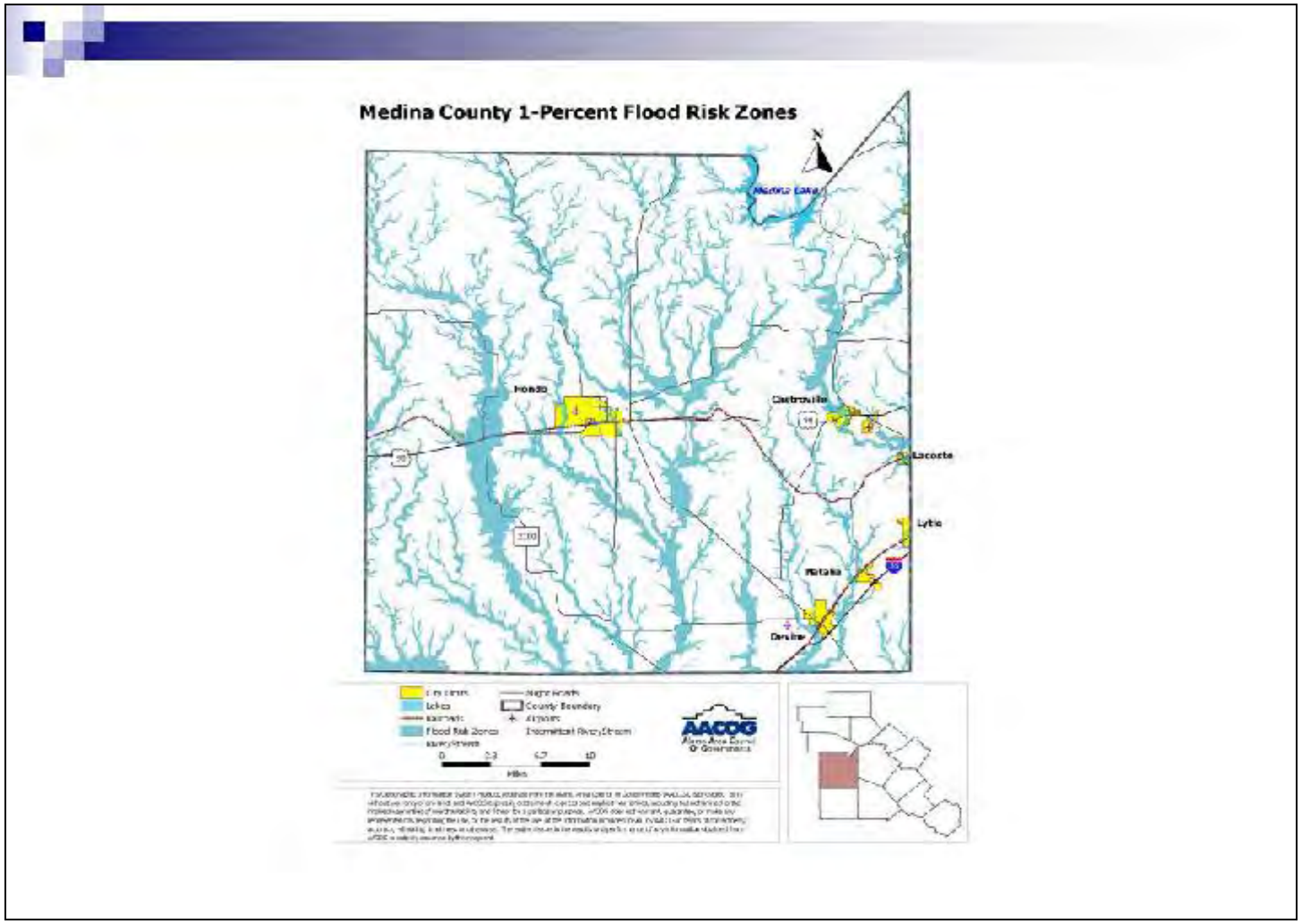

Kerr County Hail Size, 1955 - 2009
Ingram
Kerrville
Hail Size
N
AACOG

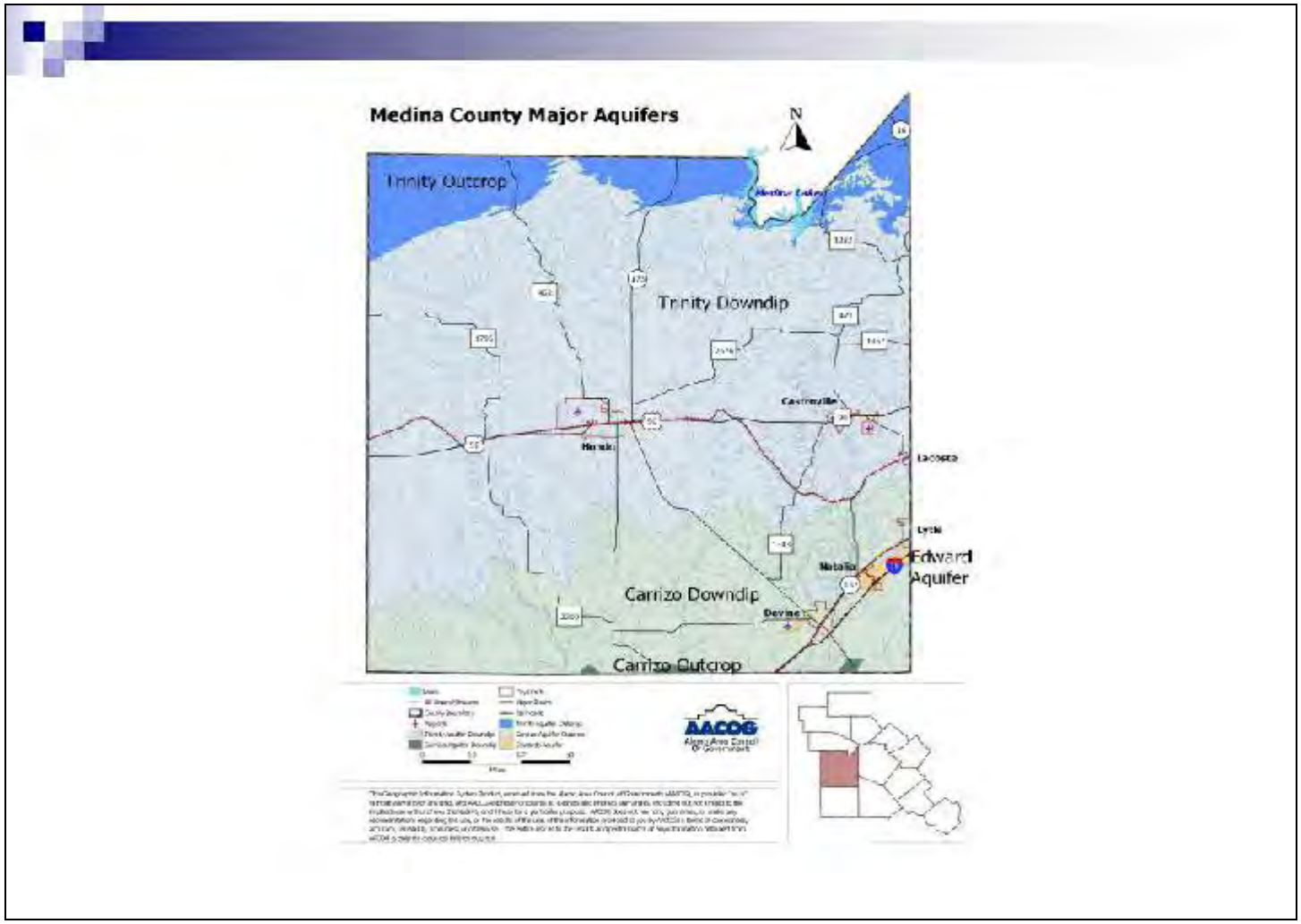

Kerr County Pipelines
NATURAL GAS
Ingram
Kerrville
NATURAL GAS
NATURAL GAS
City Limits
Major Roads
Airports
Pipelines Kerr selection sets
Natural Gas
All Rivers/Streams
County Boundary
N
AACOG
Alamo Area Council Of Governments

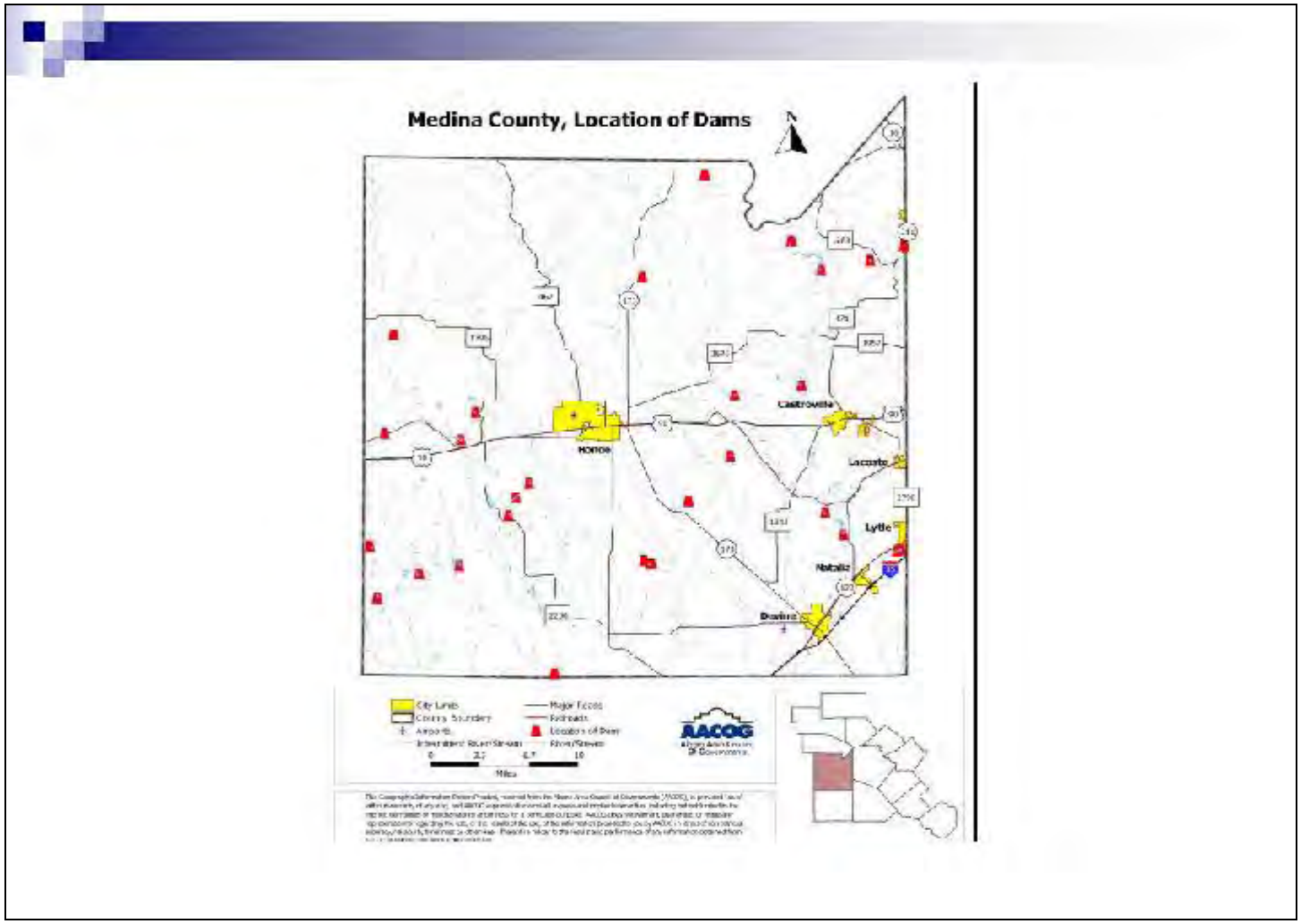

Kerr County Tornadoes, 1950 - 2009
Ingram
Kerrville
Tornado Size
City Limits
County Boundary
All Rivers/Streams
Major Roads
Tornado Tracks
F0 Tornado
F1 Tornado
F2 Tornado
0
3
5
9
Miles
N
AACOG

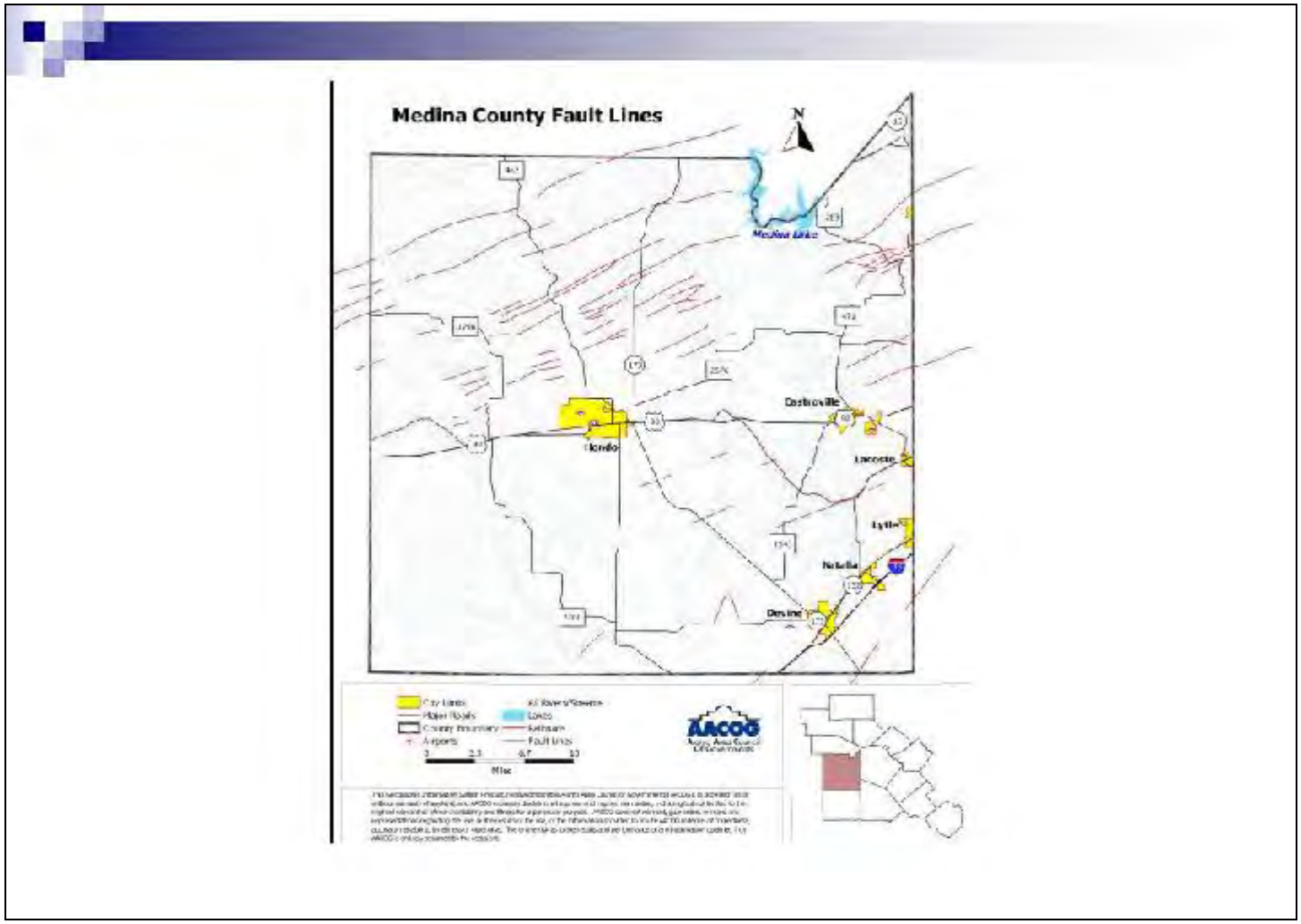

MEDINA COUNTY

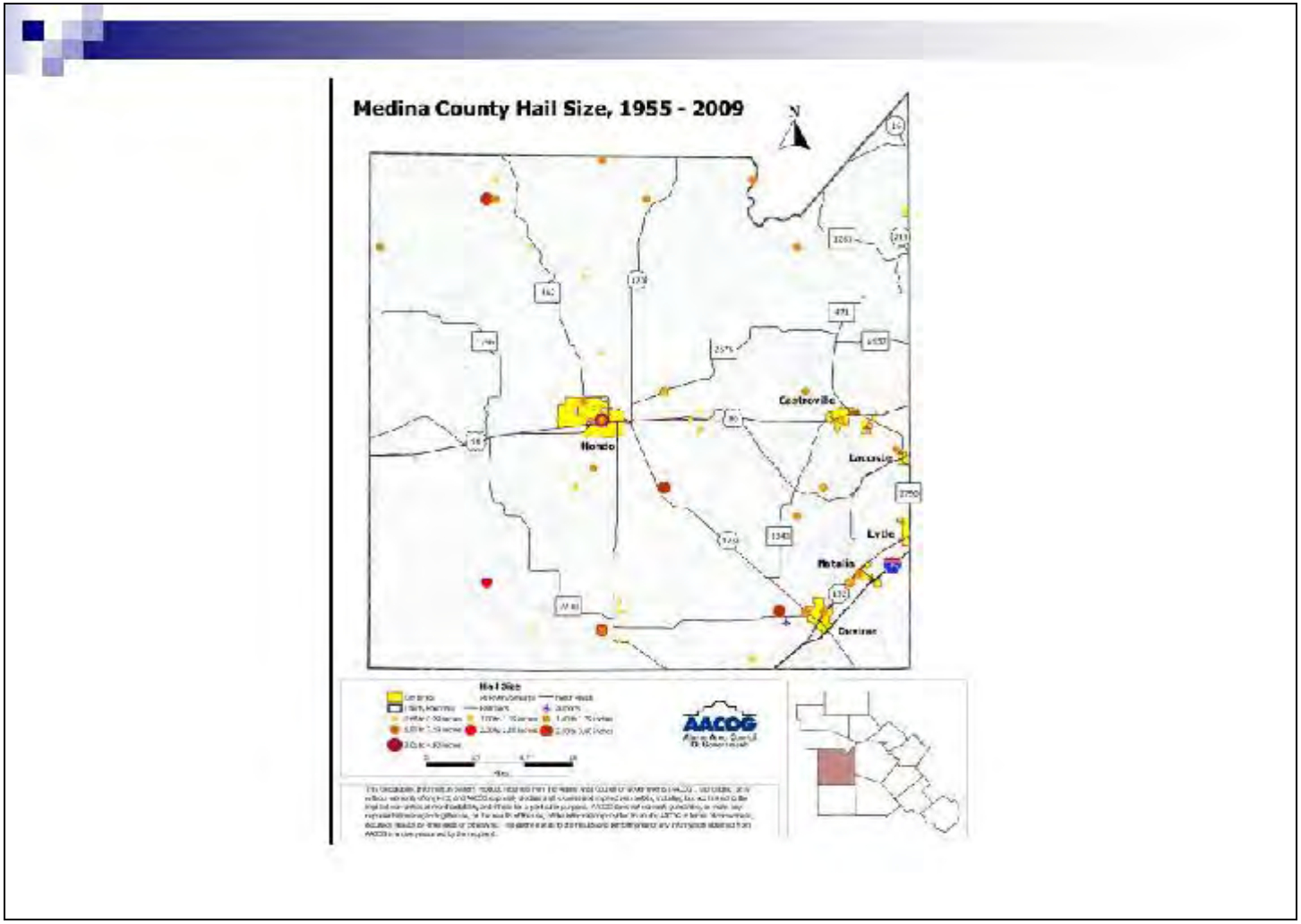

Medina County Base Map
N
Castroville
Hondo
Lacoste
Lytle
Devine
AACOG

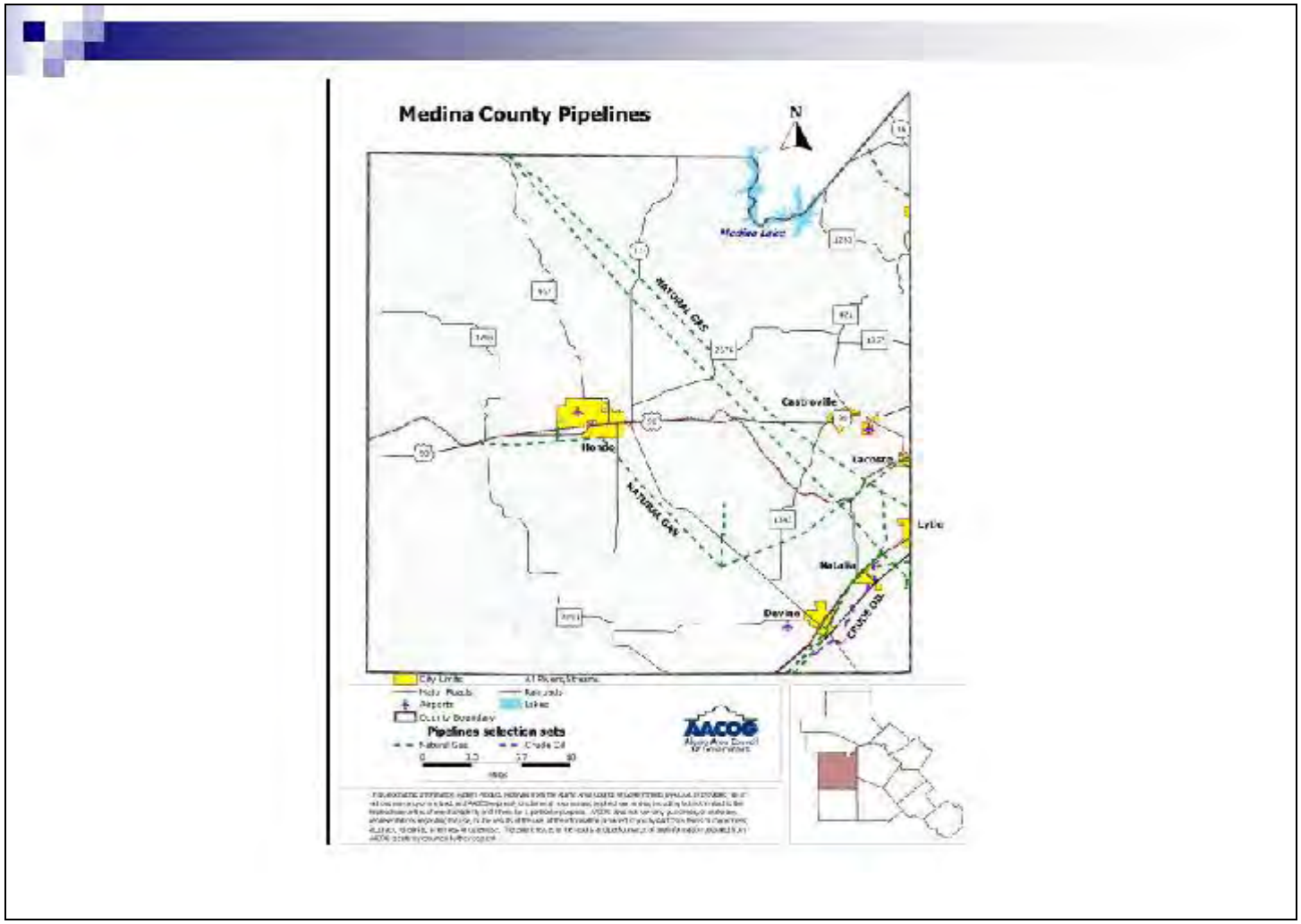

Medina County 1-Percent Flood Risk Zones
Medina Lake
Hondo
Castroville
Lacoste
Lytle
Natalia
Devine
County Boundary
Flood Risk Zones
AACOG

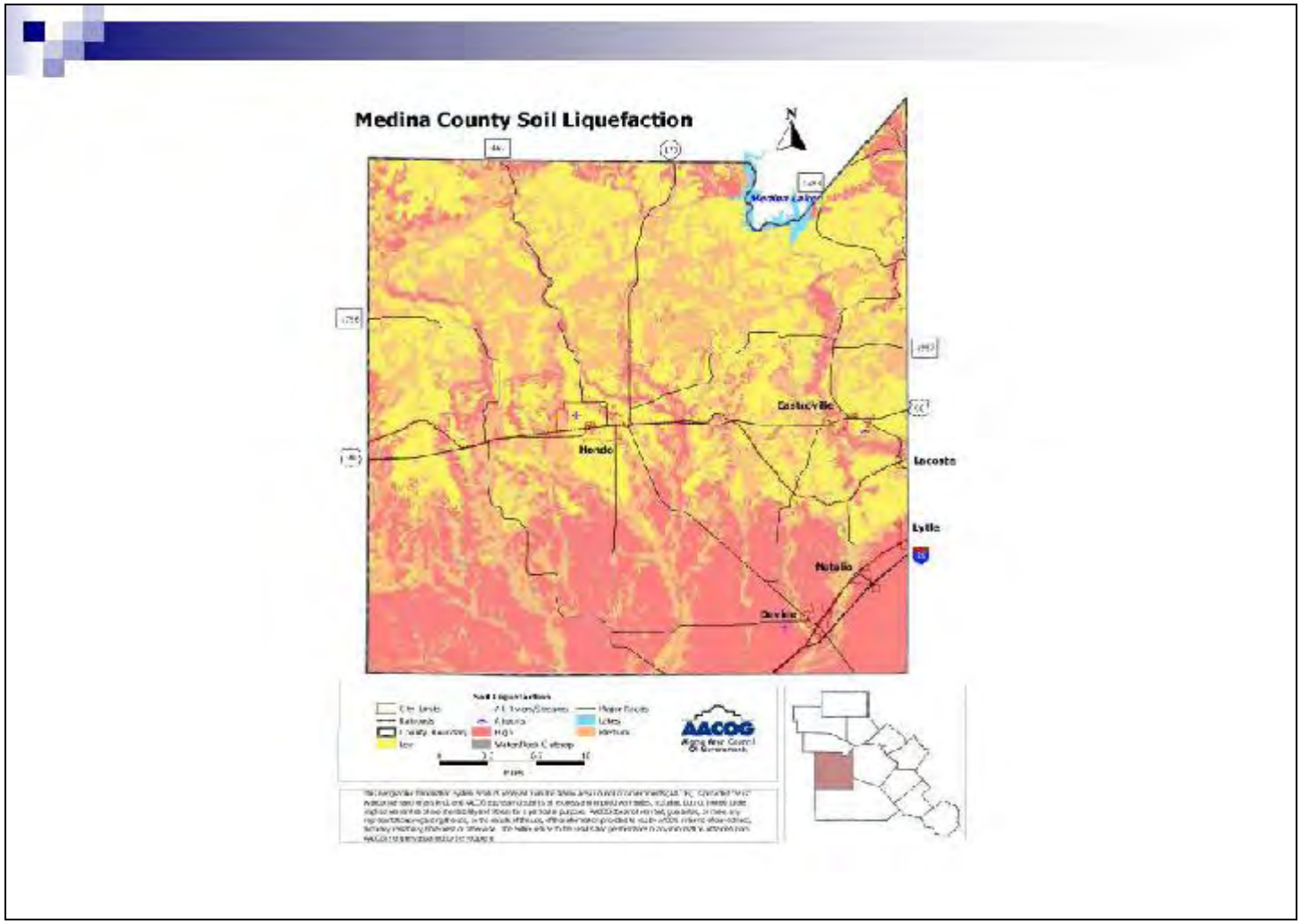

Medina County Major Aquifers
N
Trinity Outcrop
Trinity Downdip
Carrizo Downdip
Carrizo Outcrop
Edward
Aquifer
AACOG

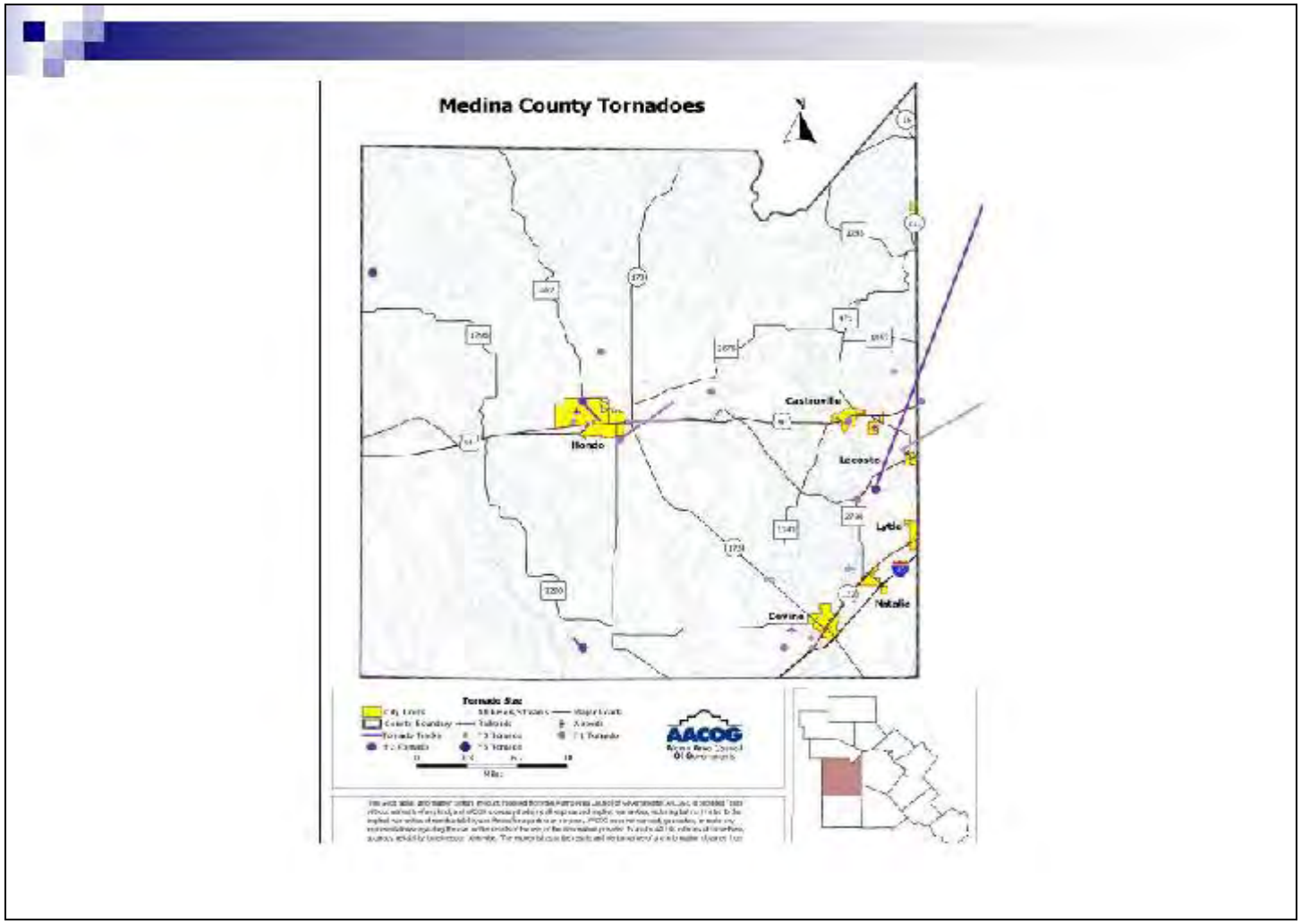

Medina County, Location of Dams
Castroville
Hondo
Lacoste
Lytic
Natalia
Devine
City Limits
County Boundary
Airports
Major Roads
Railroads
Location of Dam
River/Stream
0
3.3
6.7
10
Miles
AACOG

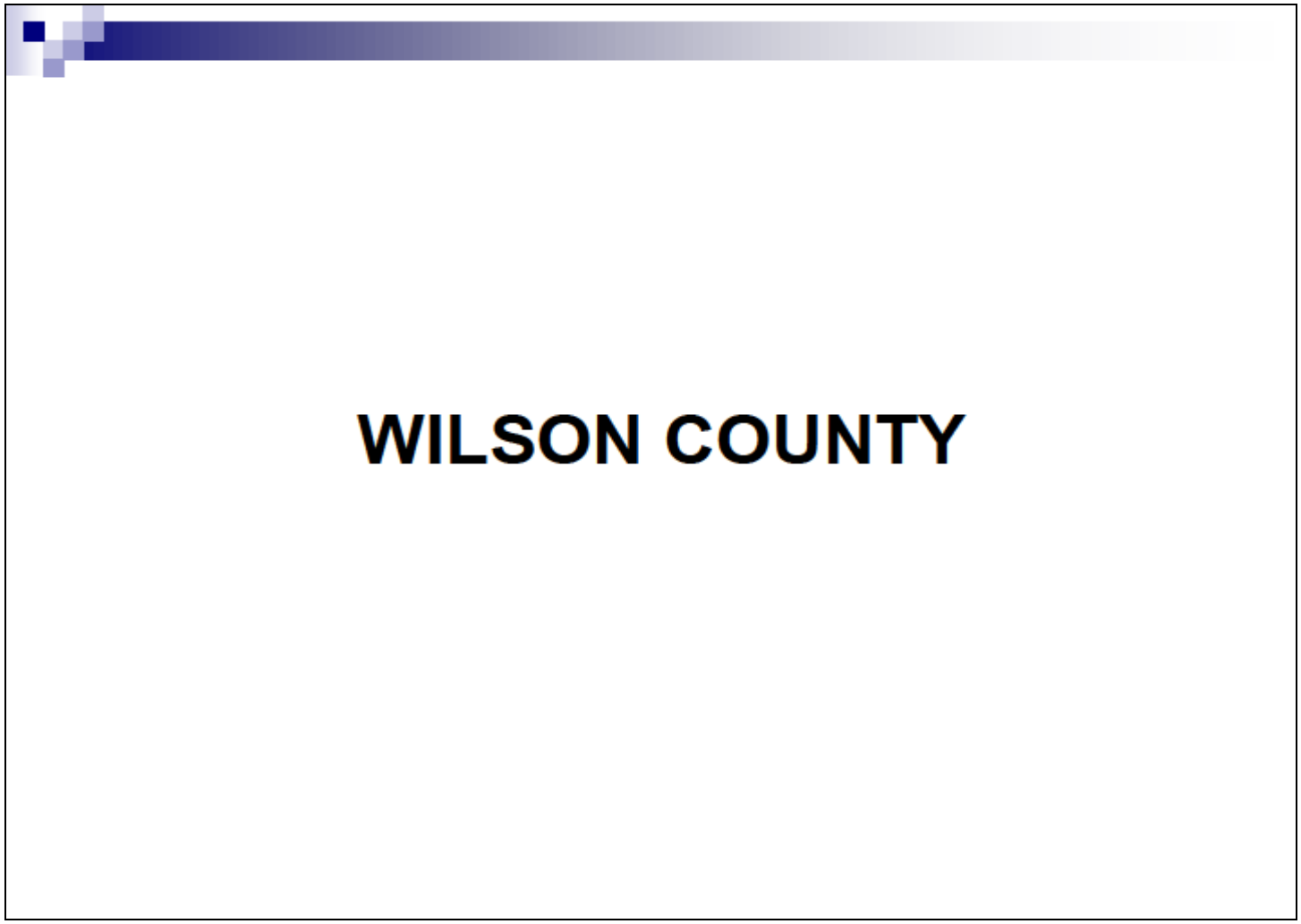

Medina County Fault Lines
N
Castroville
Lacoste
Lytle
Natalia
Devine
AACOG

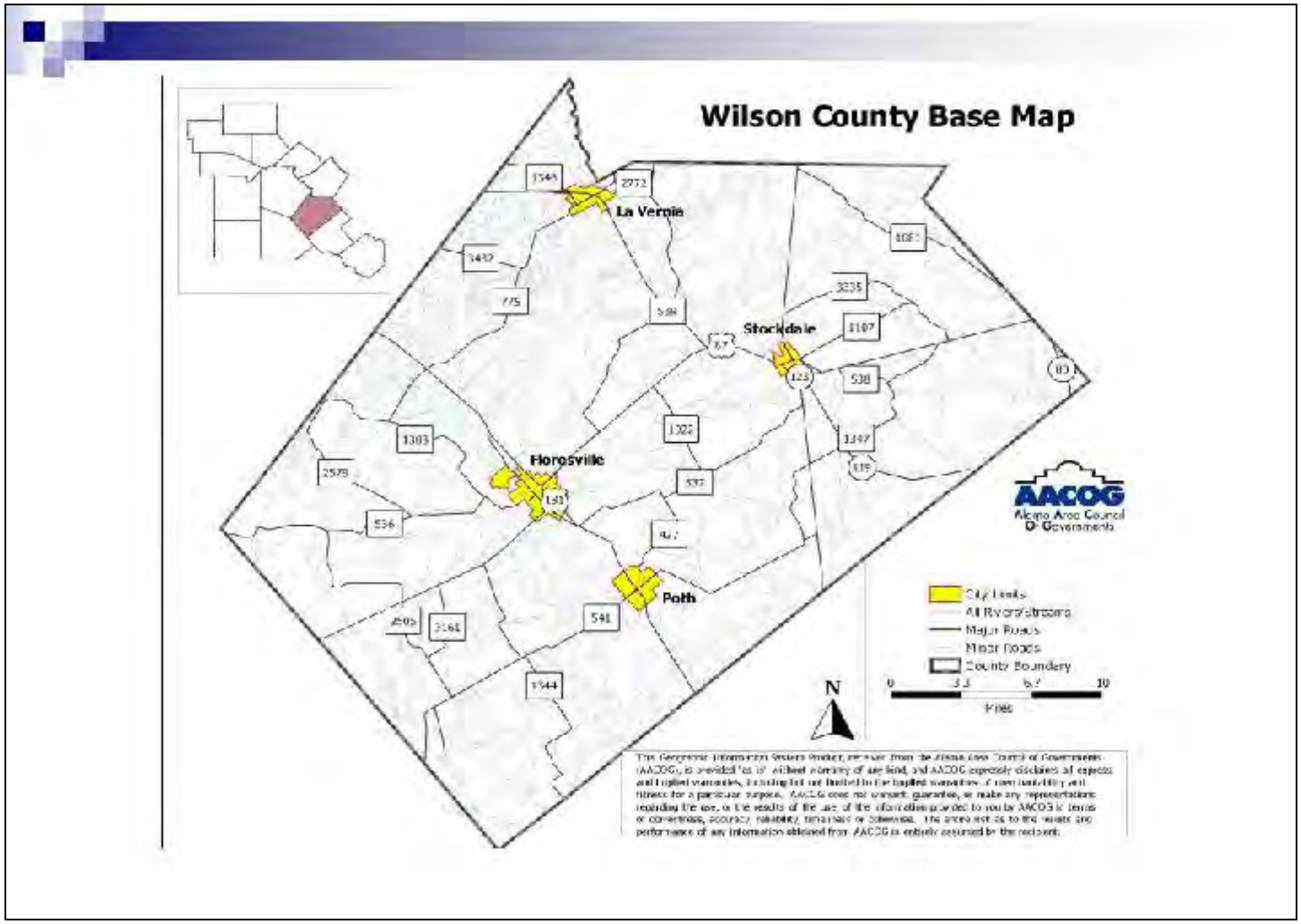

Medina County Hail Size, 1955 - 2009
N
Castroville
Hondo
Lytle
Natalia
AACOG

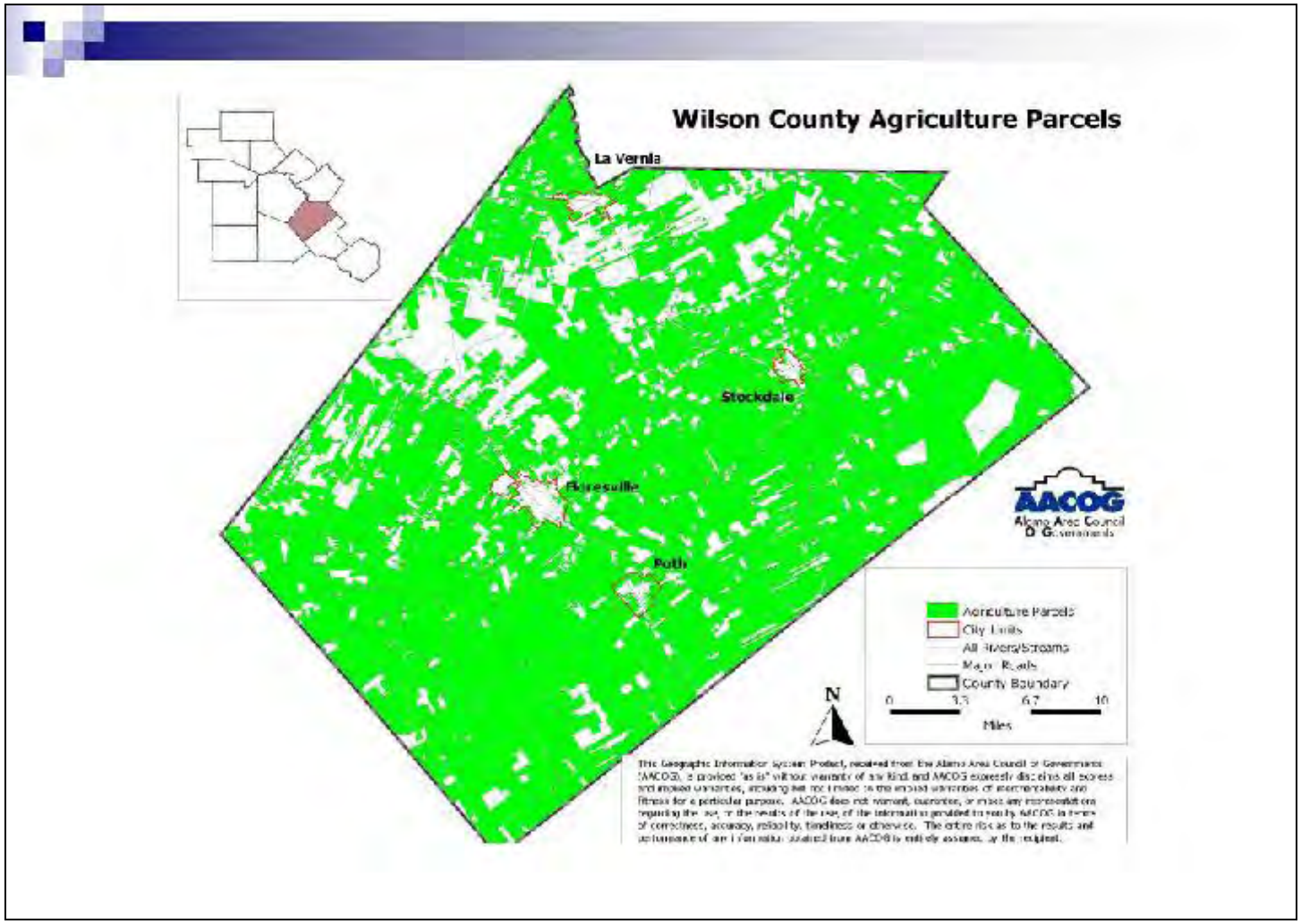

Medina County Pipelines
N
Medina Lake
NATURAL GAS
Castroville
Hondo
Lacoste
NATURAL GAS
Lytle
Natalia
Devine
CRUDE OIL
City Limits
Major Roads
Airports
County Boundary
Railroads
Lakes
Pipelines selection sets
Natural Gas
Crude Oil
0
10
20
40
Miles
AACOG

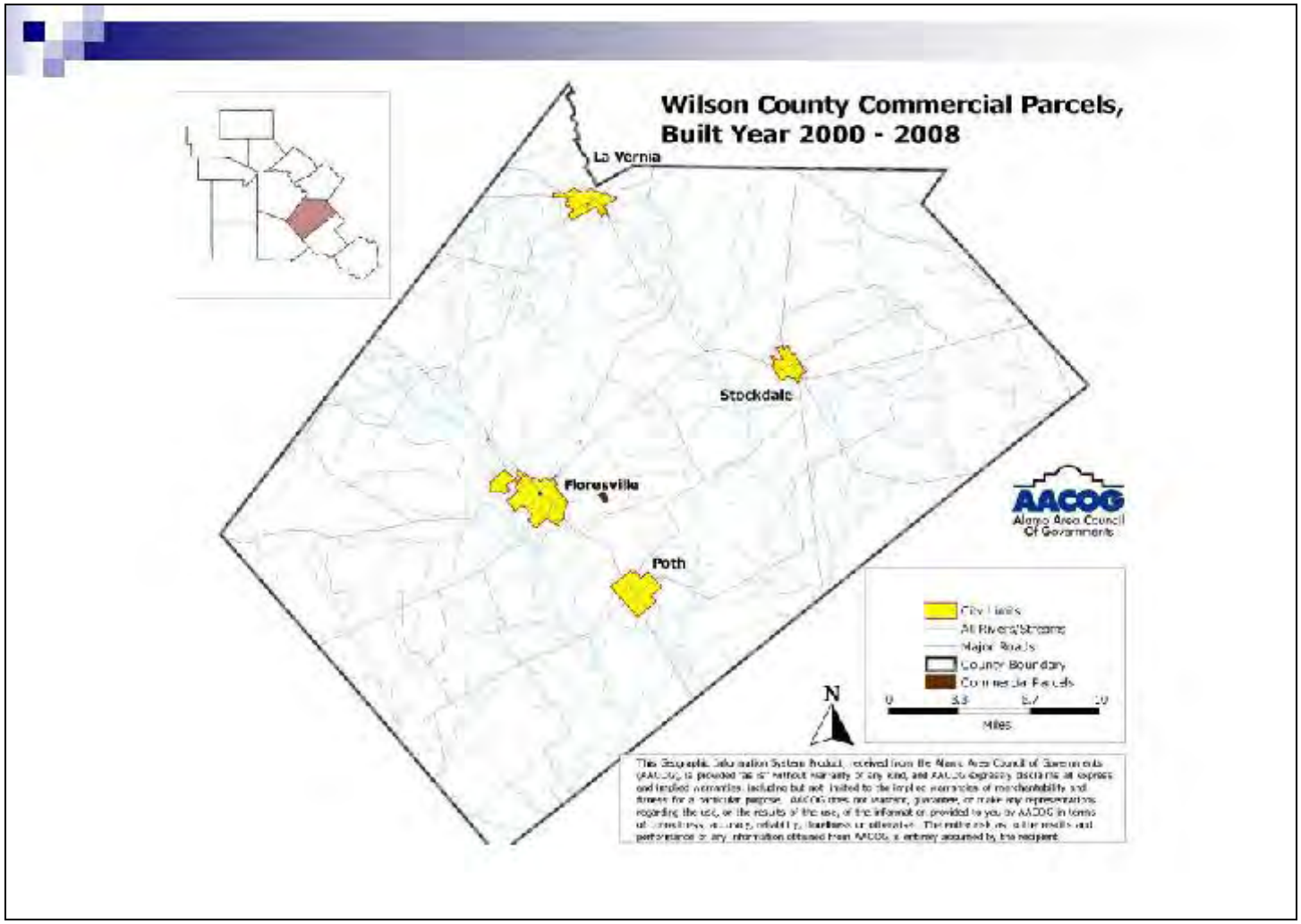

Medina County Soil Liquefaction
N
Castroville
Hondo
Lacoste
Lytle
Natalia
AACOG

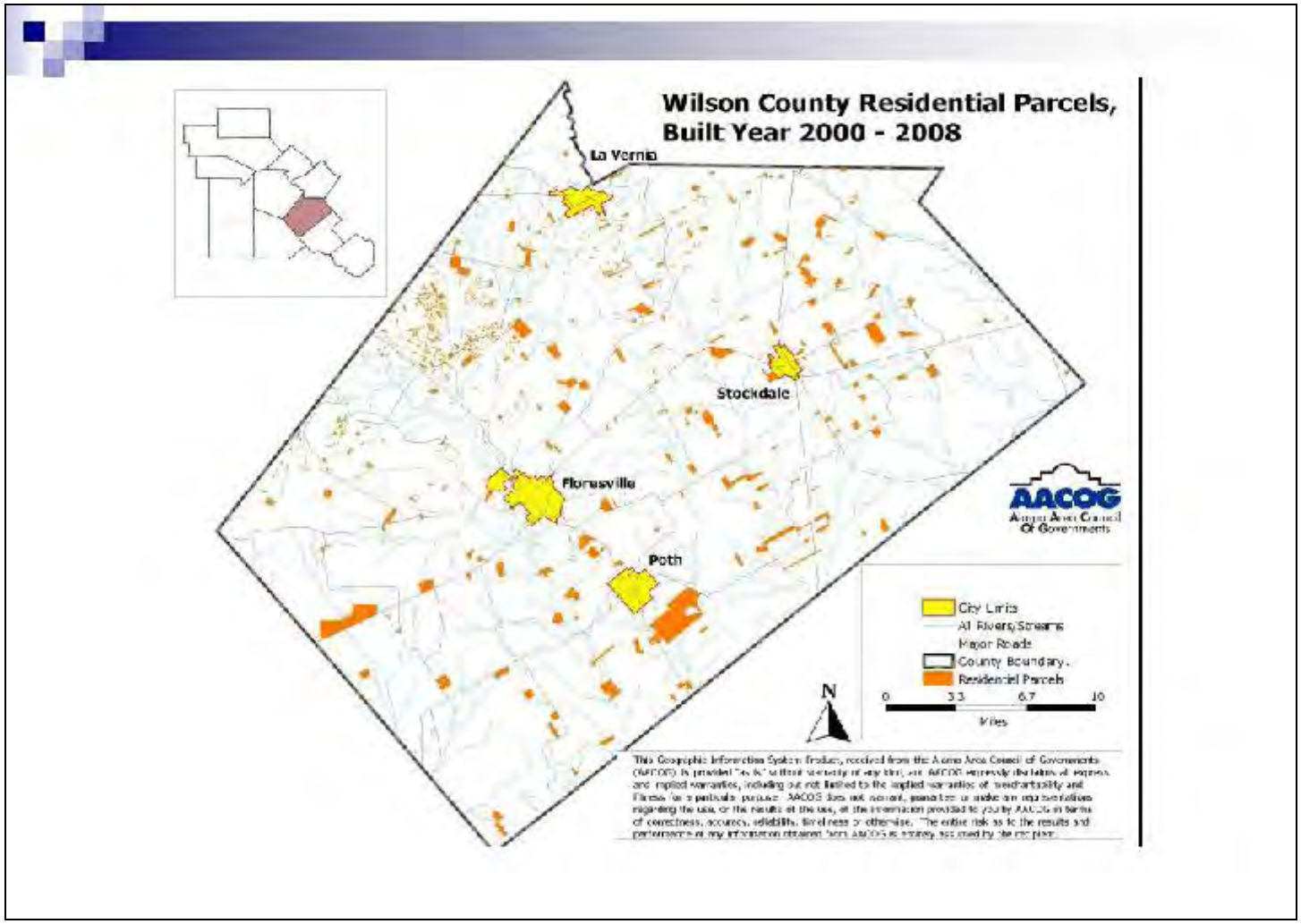

Medina County Tornadoes
Castroville
Hondo
Lacoste
Lytle
Natalie
Devine
Tornado Size
AACOG

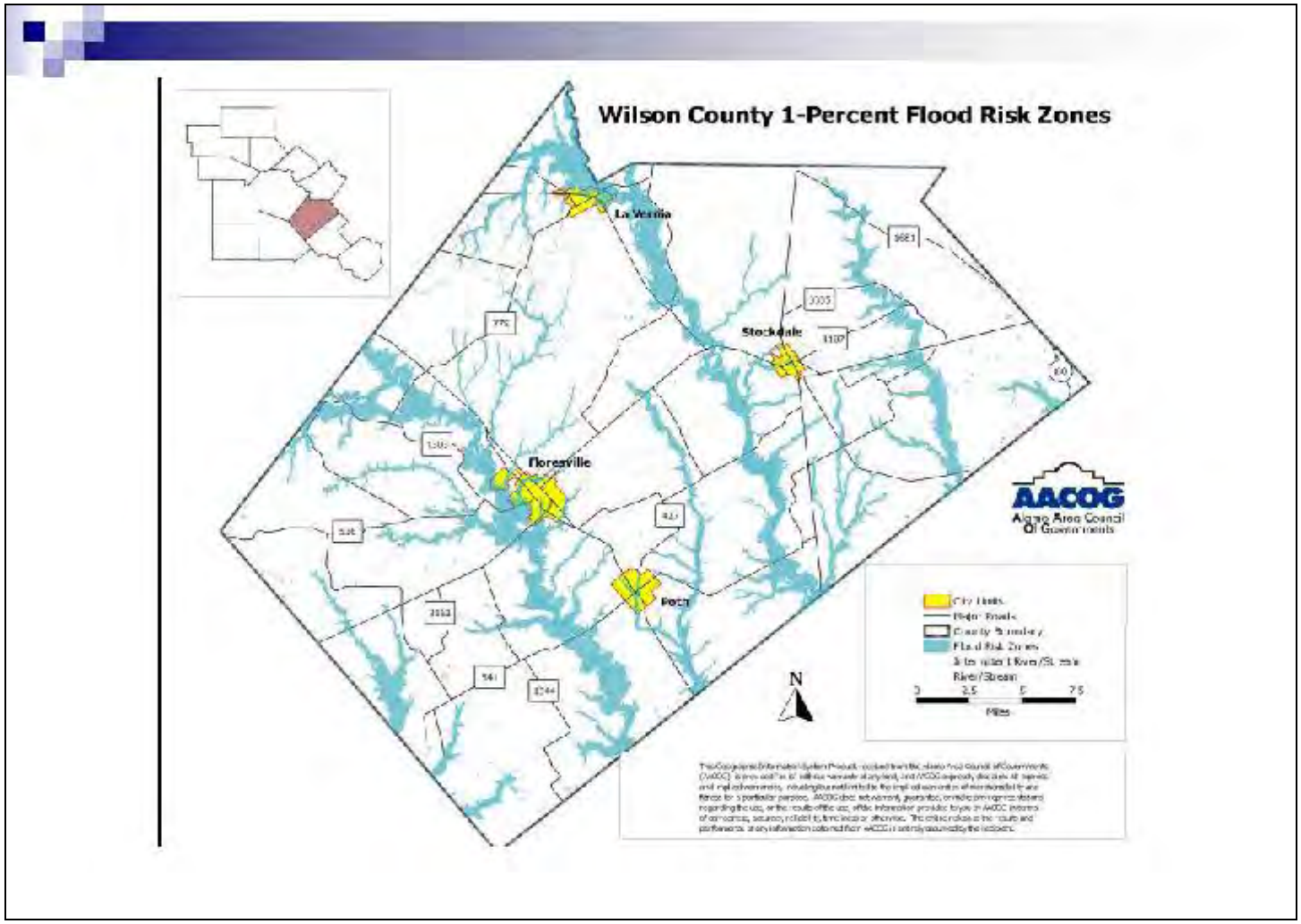

WILSON COUNTY

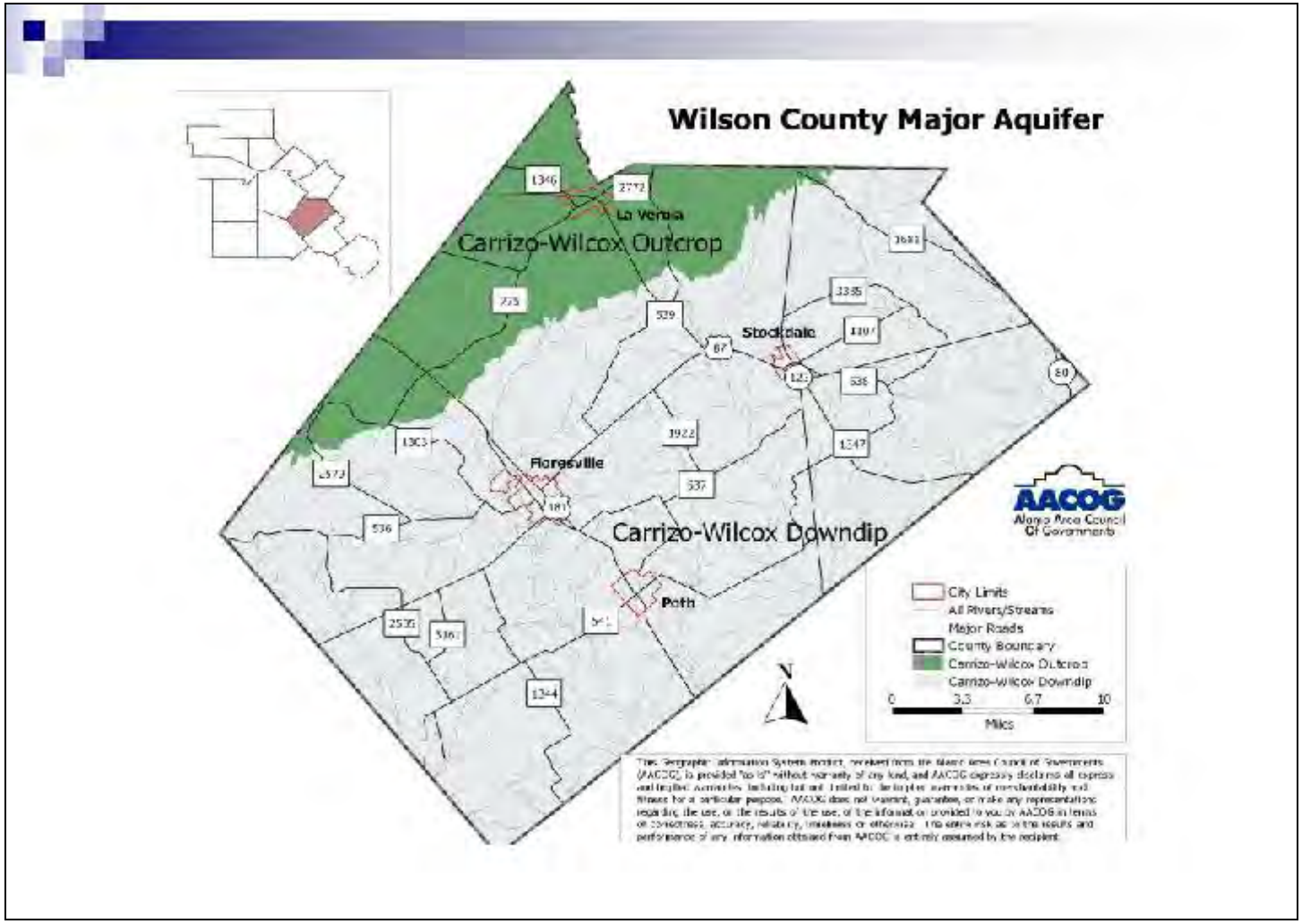

Wilson County Base Map
La Vernia
Stockdale
Floresville
Poth
AACOG
Alamo Area Council Of Governments
City Limits
All Rivers/Streams
Major Roads
Minor Roads
County Boundary
0
3.3
6.7
10
Miles
N

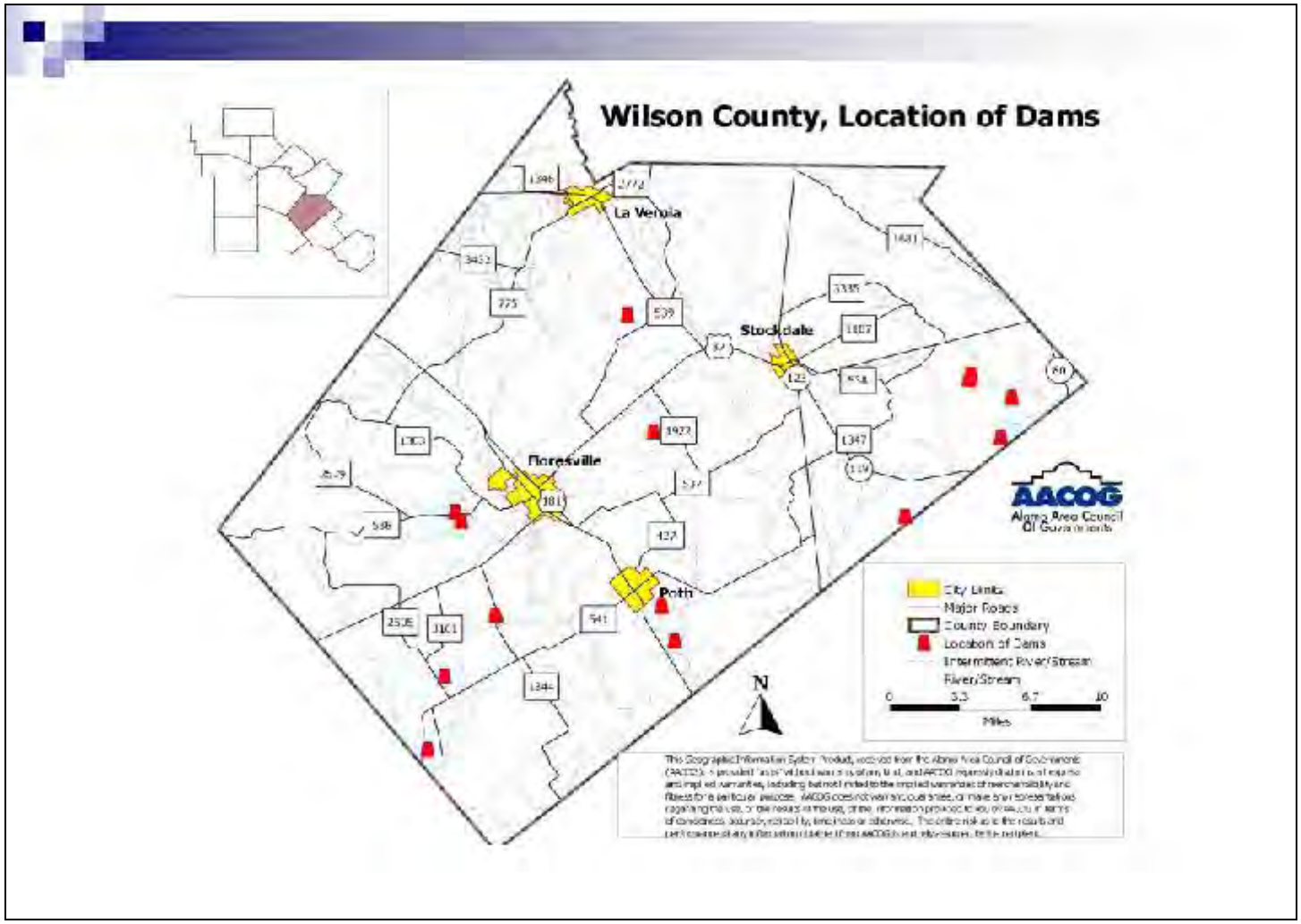

Wilson County Agriculture Parcels
La Vernia
Stockdale
Floresville
Poth
AACOG
Alamo Area Council of Governments
Agriculture Parcels
City Limits
All Rivers/Streams
Major Roads
County Boundary
0
3.3
6.7
10
Miles
N

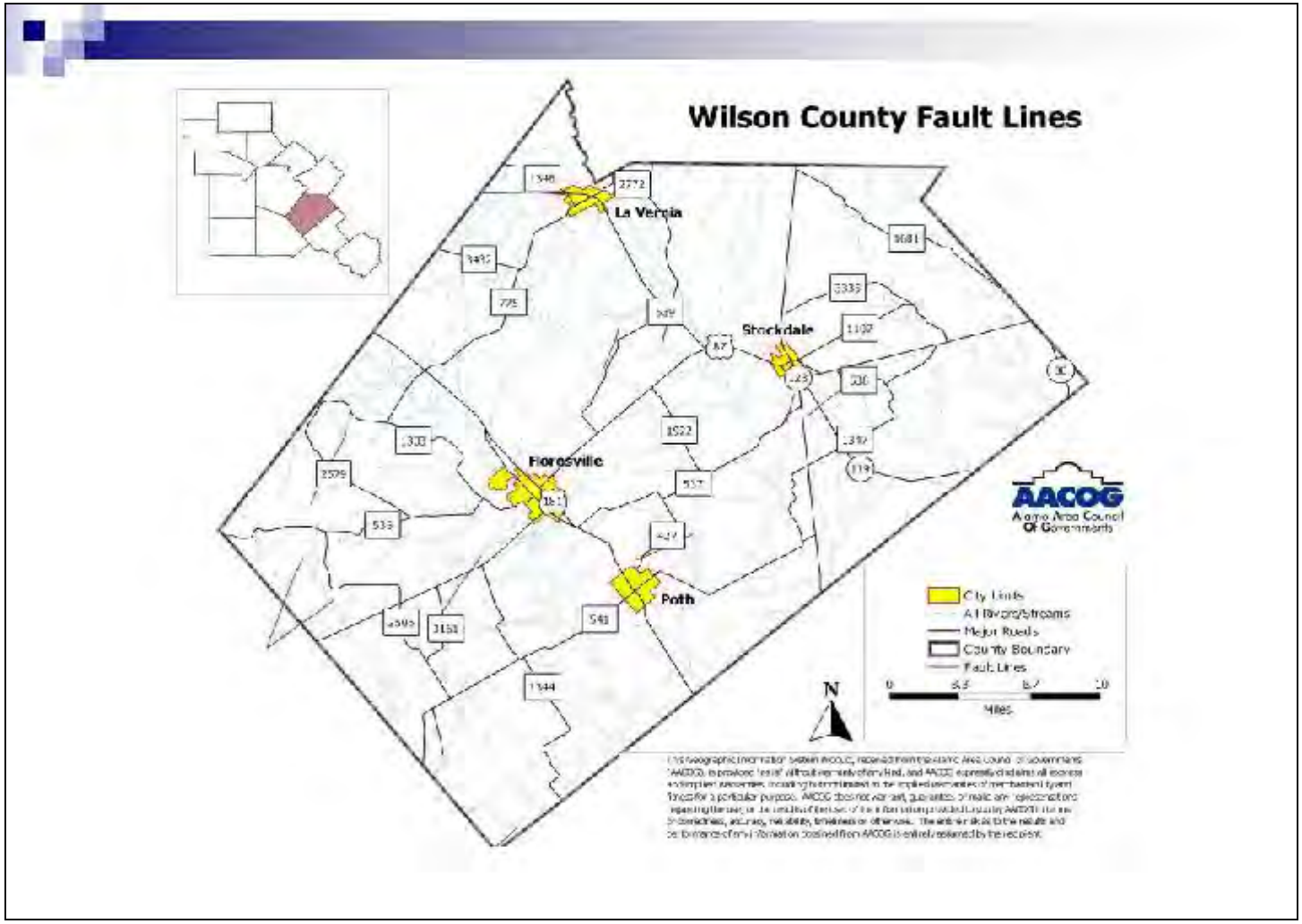

Wilson County Commercial Parcels,
Built Year 2000 - 2008
La Vernia
Stockdale
Floresville
Poth
AACOG
Alamo Area Council Of Governments
All Rivers/Streams
Major Roads
County Boundary
Miles
N

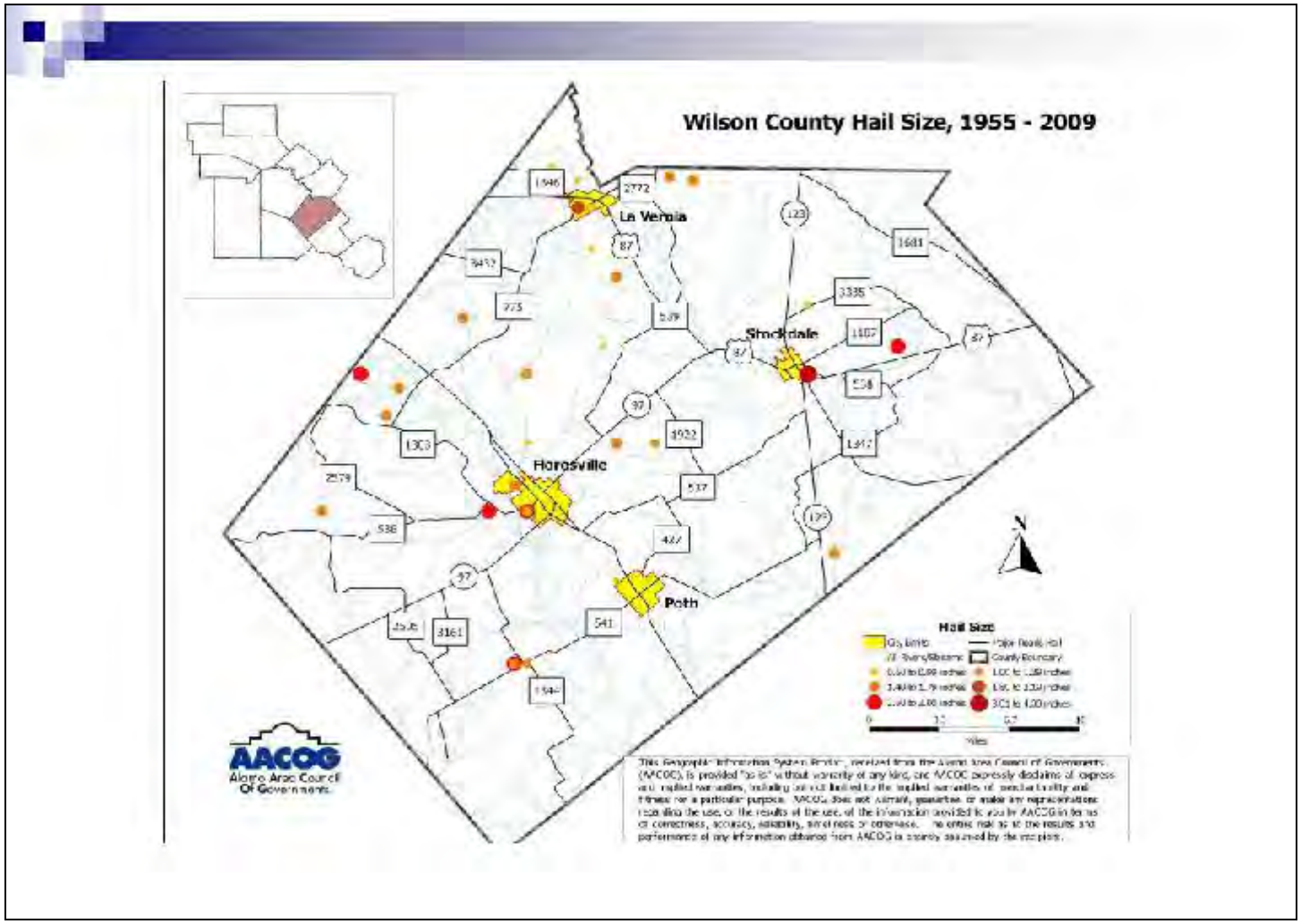

Wilson County Residential Parcels,
Built Year 2000 - 2008
La Vernia
Stockdale
Floresville
Poth
AACOG
City Limits
All Rivers/Streams
Major Roads
County Boundary
Residencial Parcels
N
0
3.3
6.7
10
Miles

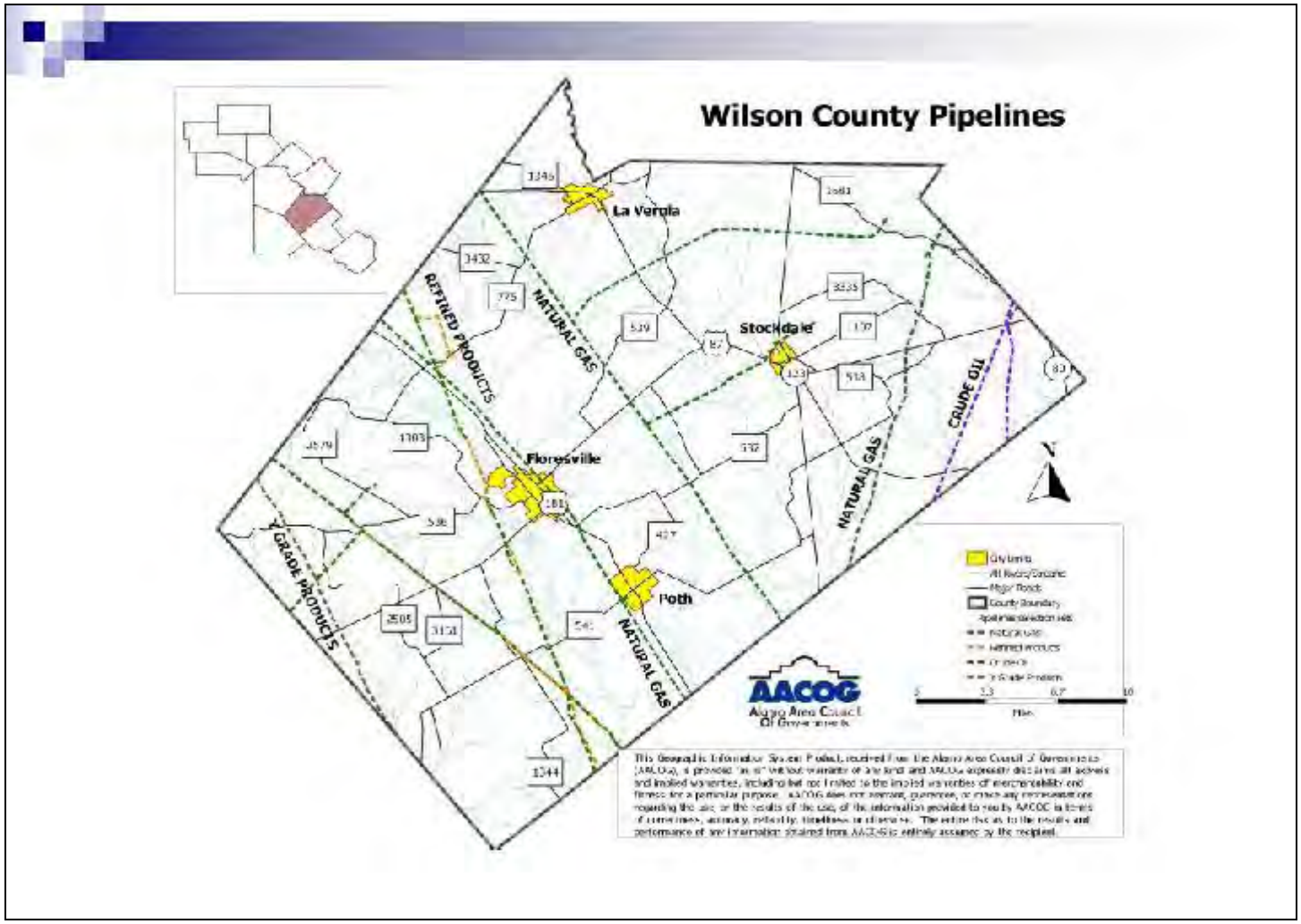

Wilson County 1-Percent Flood Risk Zones
La Vernia
Stockdale
Floresville
Poth
AACOG
Alamo Area Council Of Governments
N
Miles

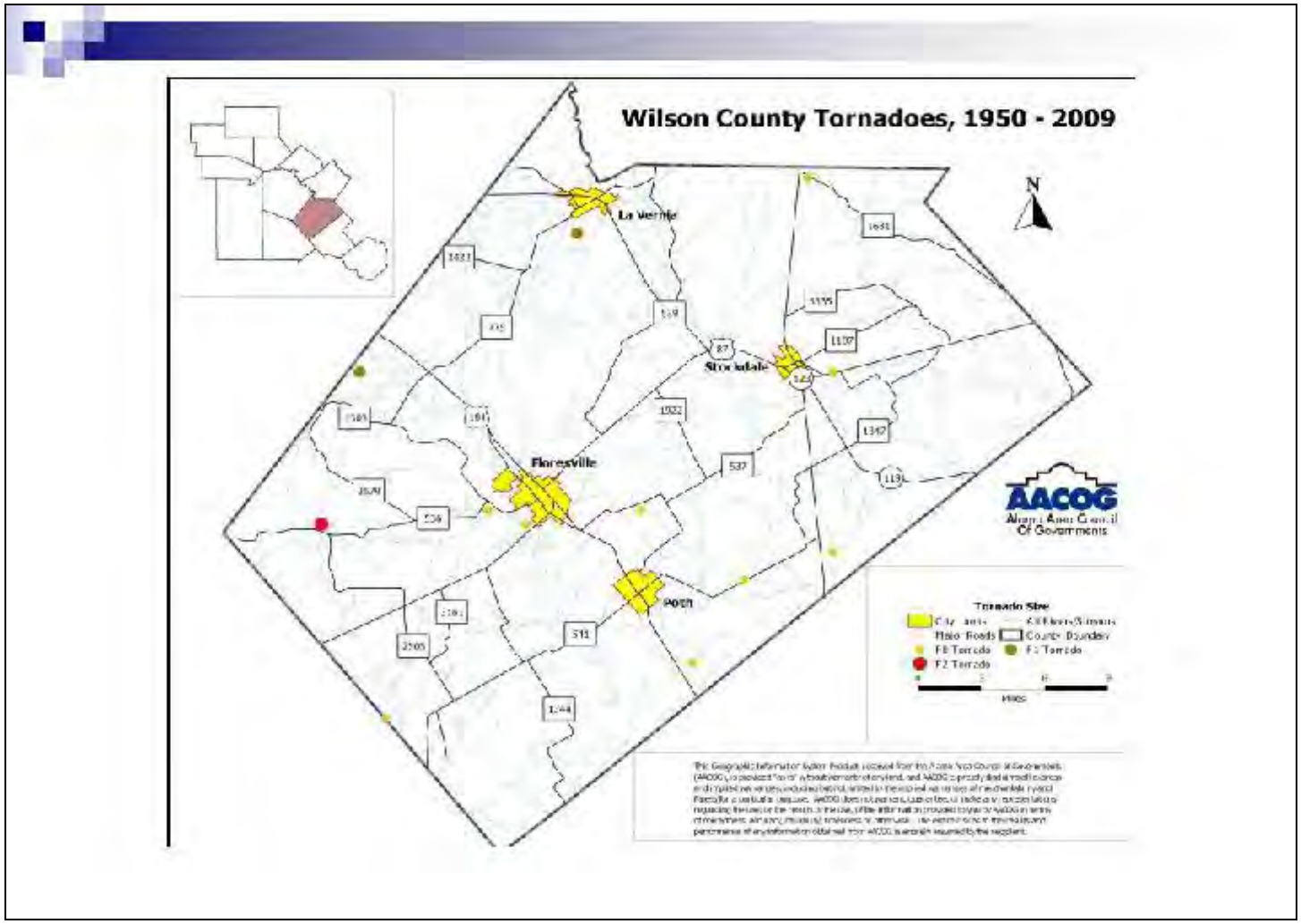

Wilson County Major Aquifer
Carrizo-Wilcox Outcrop
Carrizo-Wilcox Downdip
La Vernia
Stockdale
Floresville
Poth
1346
2772
3681
3385
539
87
4107
80
538
1303
3922
1247
2573
537
536
2535
1344
AACOG
Alamo Area Council Of Governments
City Limits
All Rivers/Streams
Major Roads
County Boundary
Carrizo-Wilcox Outcrop
Carrizo-Wilcox Downdip
0
3.3
6.7
10
Miles
N

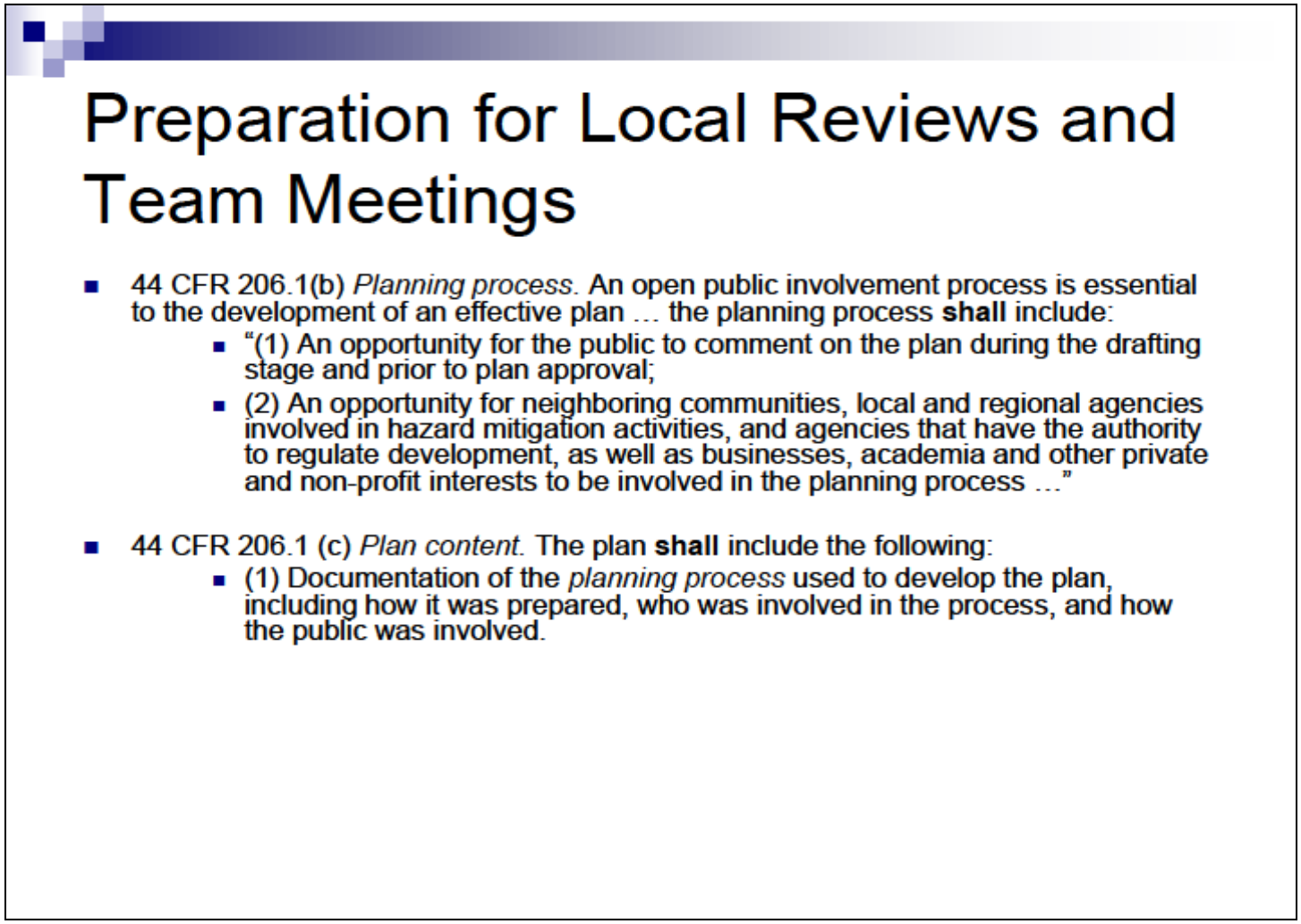

Wilson County, Location of Dams
La Vernia
Stockdale
Floresville
Poth
AACOG
Alamo Area Council Of Governments
City Limits
Major Roads
County Boundary
Location of Dams
Intermittent River/Stream
River/Stream
0
3.3
6.7
10
Miles
N

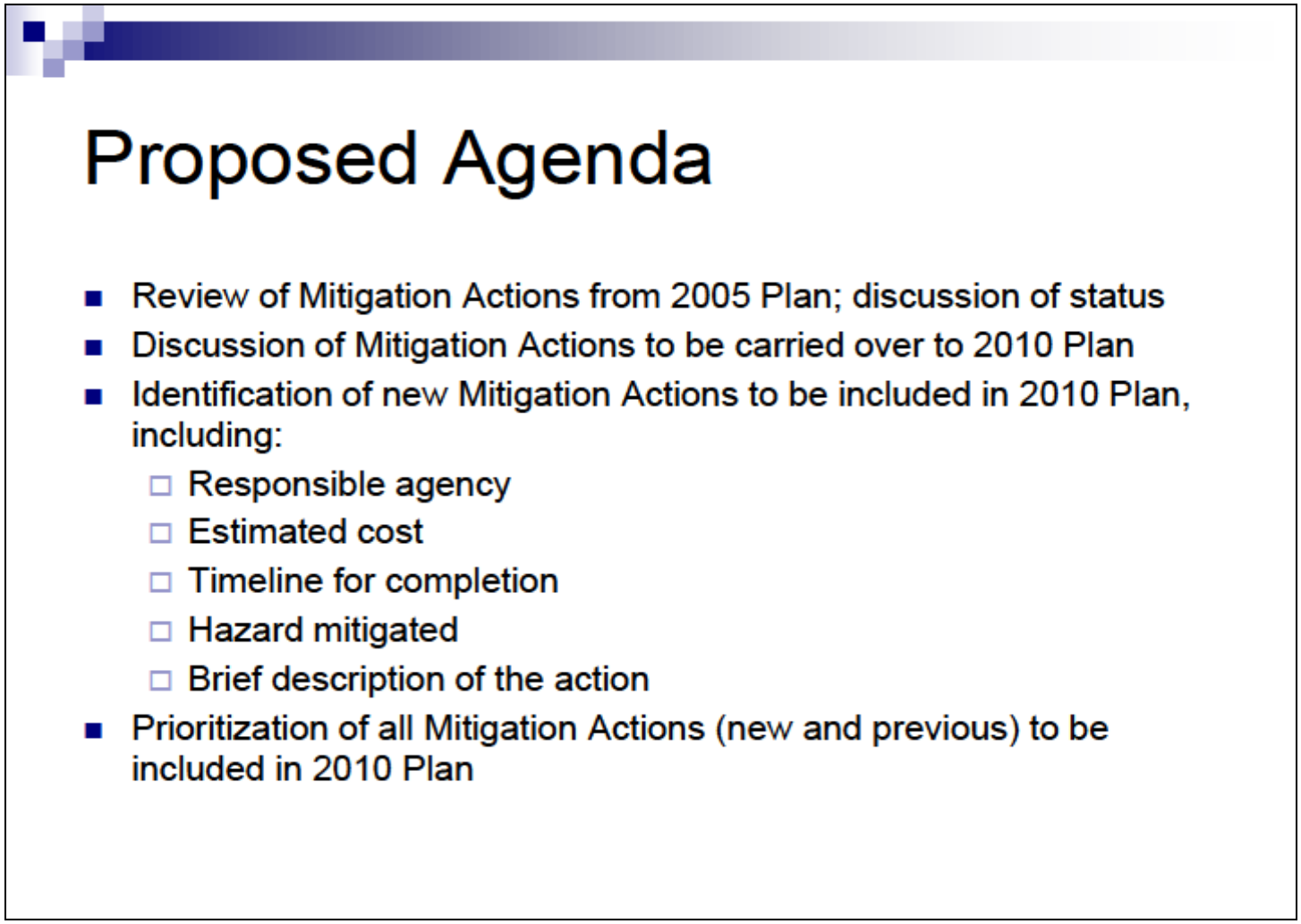

Wilson County Fault Lines
La Vernia
Stockdale
Floresville
Poth
AACOG
Alamo Area Council Of Governments
City Limits
All Rivers/Streams
Major Roads
County Boundary
Fault Lines
Miles
N

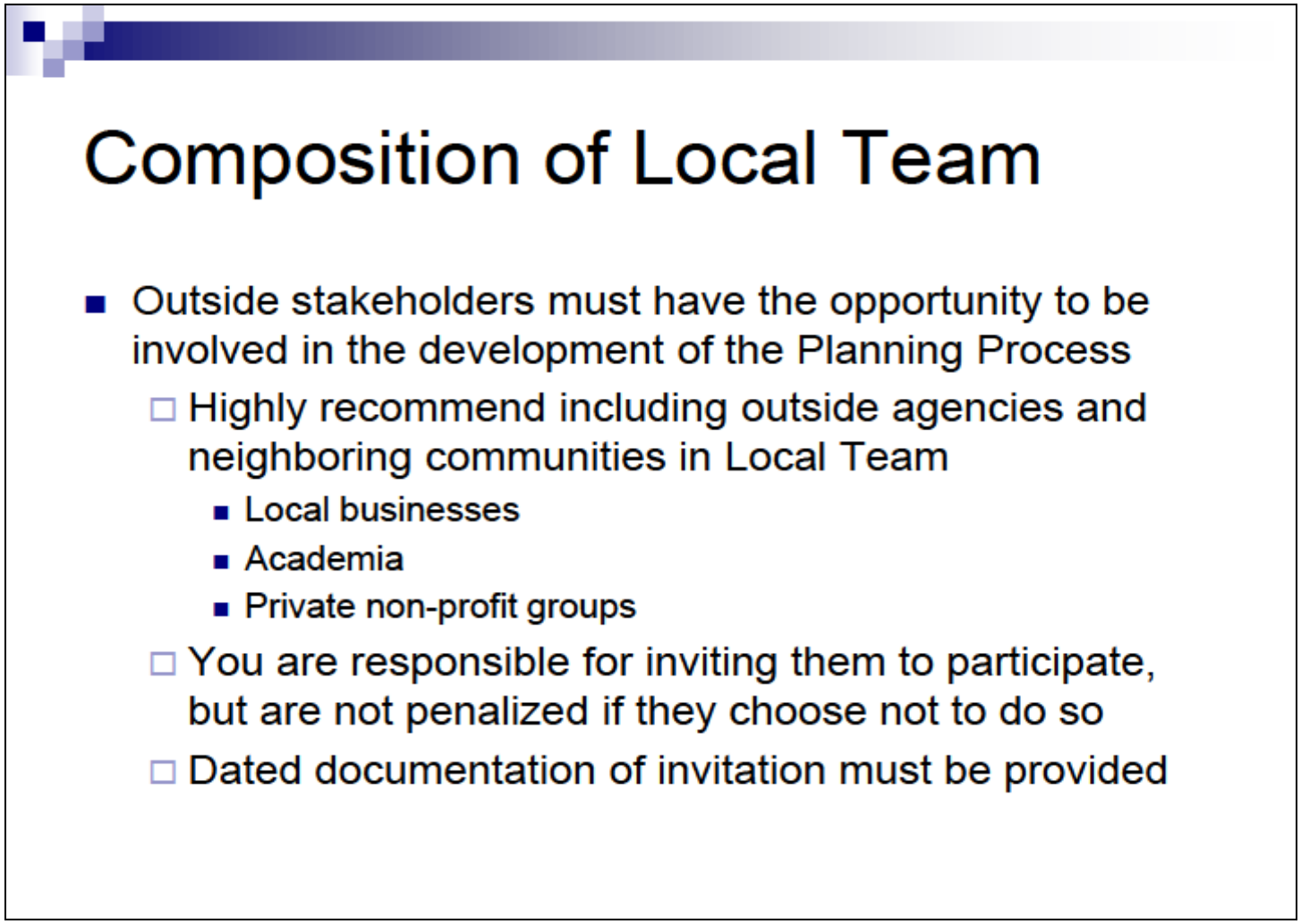

Wilson County Hail Size, 1955 - 2009
La Vernia
Floresville
Stockdale
Poth
Hail Size
AACOG
Alamo Area Council Of Governments

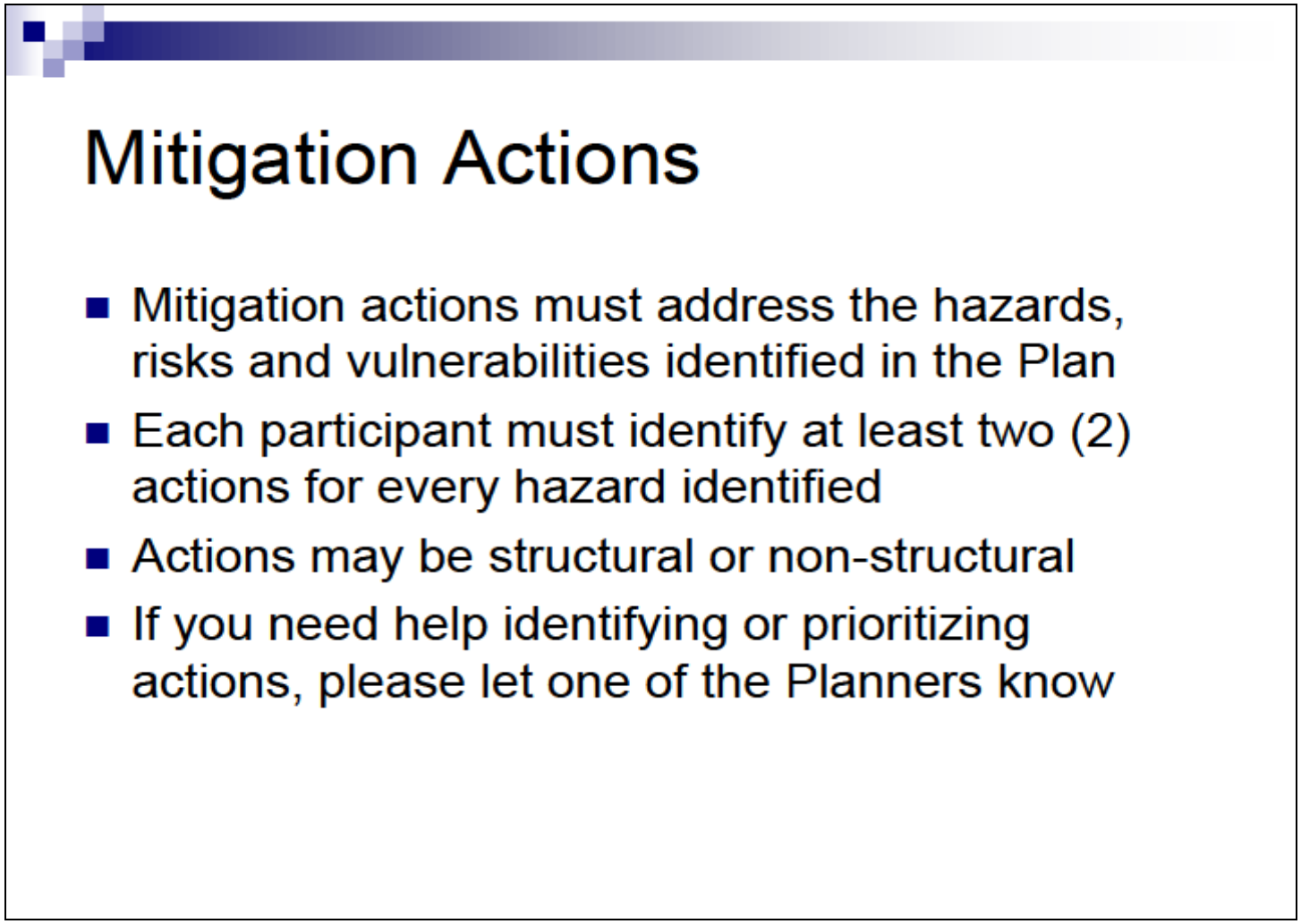

Wilson County Pipelines
La Verdia
Stockdale
Floresville
Poth
REFINED PRODUCTS
NATURAL GAS
CRUDE OIL
NATURAL GAS
GRADE PRODUCTS
NATURAL GAS
AACOG

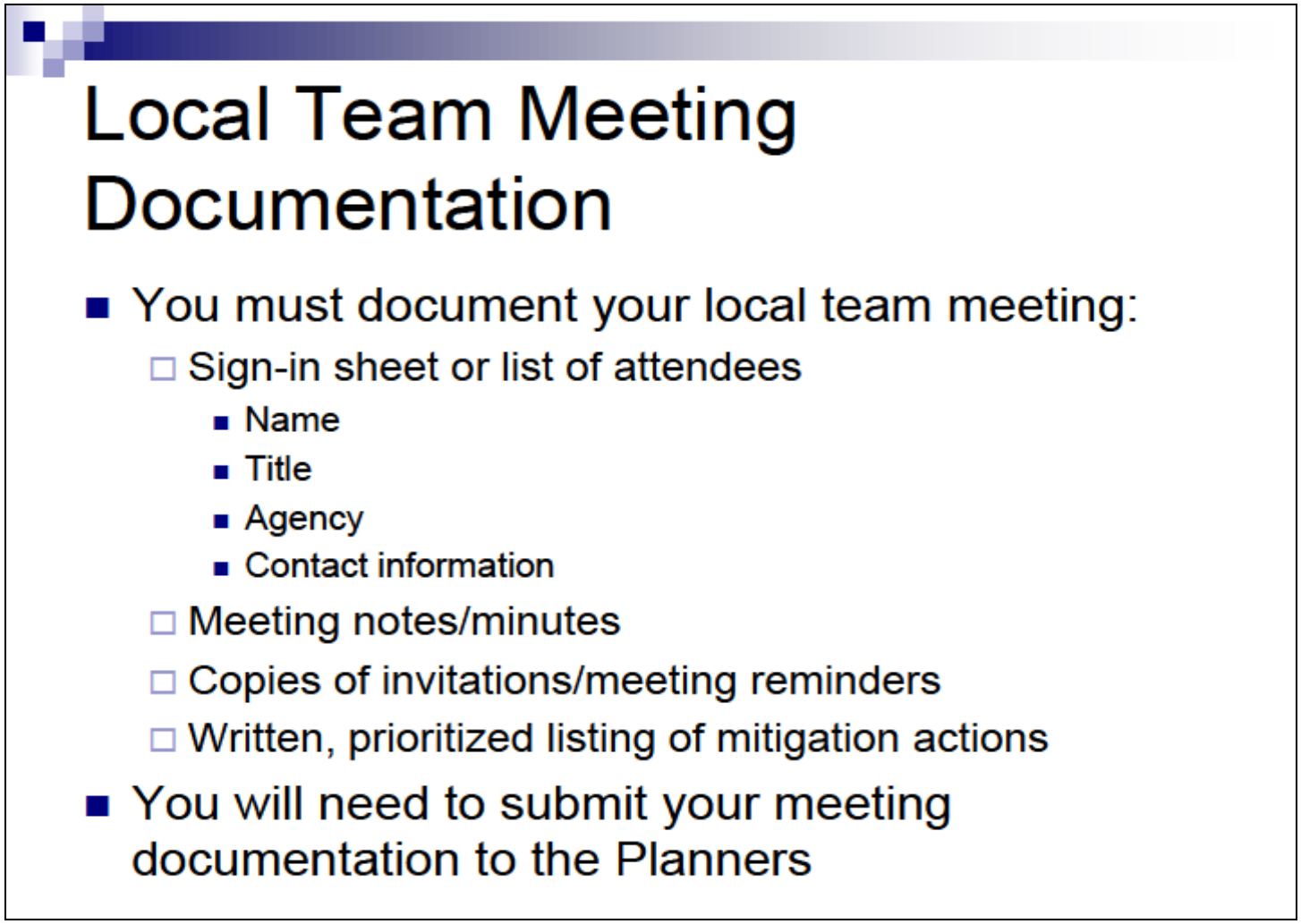

Wilson County Tornadoes, 1950 - 2009
La Vernia
Floresville
Stockdale
Poth
N
AACOG
Tornado Site
Major Roads
County Boundary
F0 Tornado
F1 Tornado
F2 Tornado
Miles

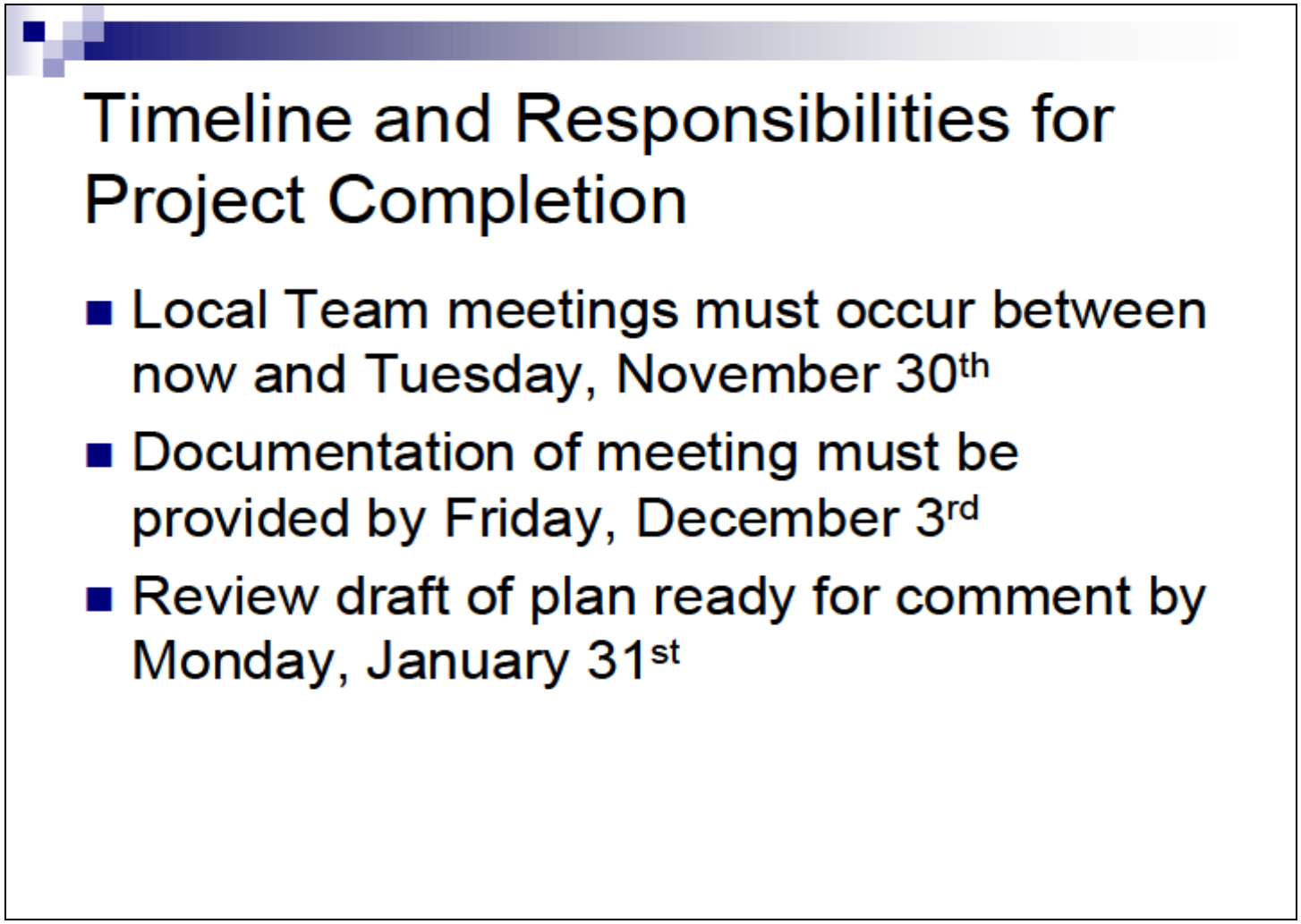

Preparation for Local Reviews and Team Meetings
44 CFR 206.1(b) Planning process. An open public involvement process is essential to the development of an effective plan … the planning process shall include:
"(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process …"
44 CFR 206.1 (c) Plan content. The plan shall include the following:
(1) Documentation of the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

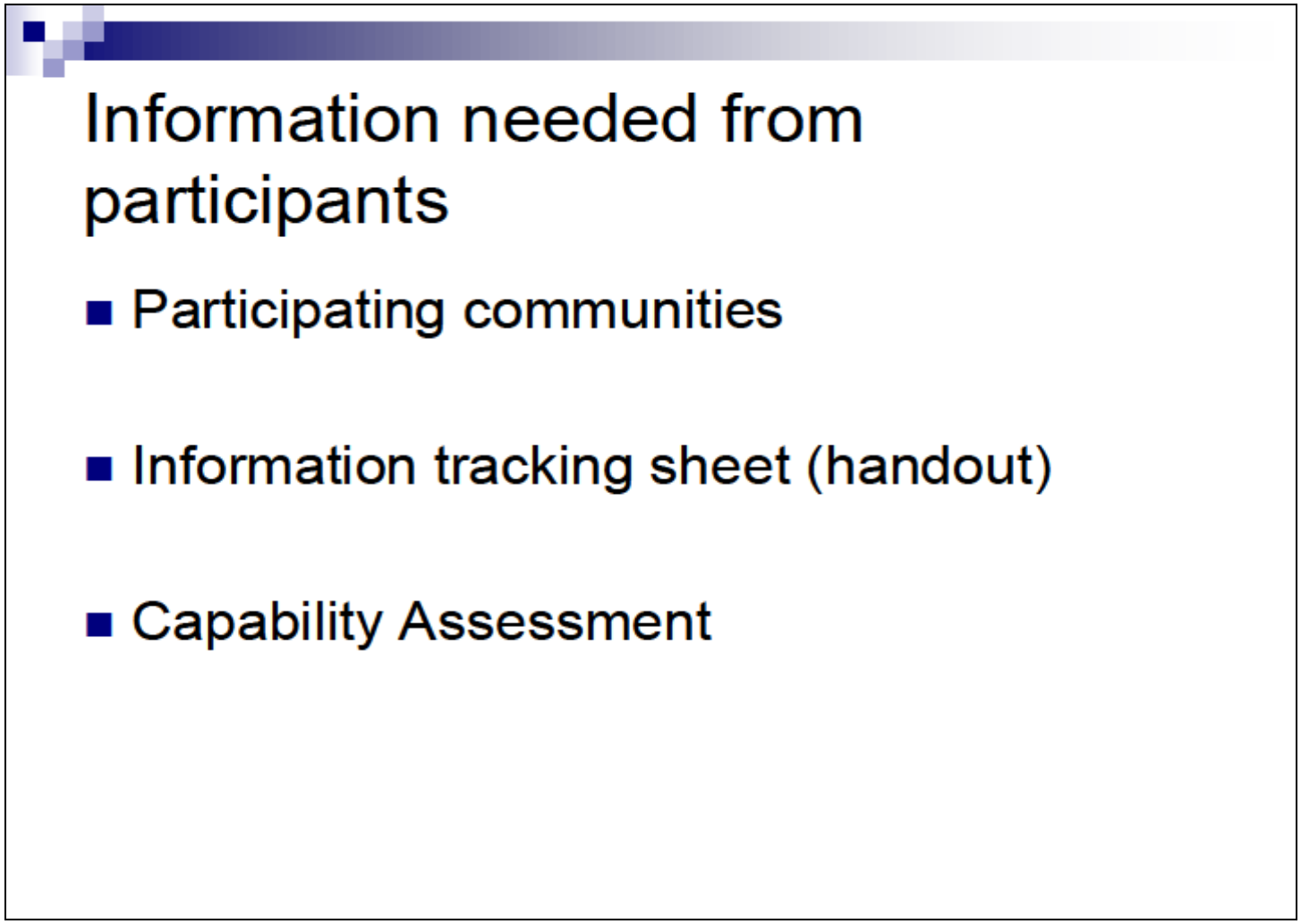

Proposed Agenda
Review of Mitigation Actions from 2005 Plan; discussion of status
Discussion of Mitigation Actions to be carried over to 2010 Plan
Identification of new Mitigation Actions to be included in 2010 Plan, including:
Responsible agency
Estimated cost
Timeline for completion
Hazard mitigated
Brief description of the action
Prioritization of all Mitigation Actions (new and previous) to be included in 2010 Plan

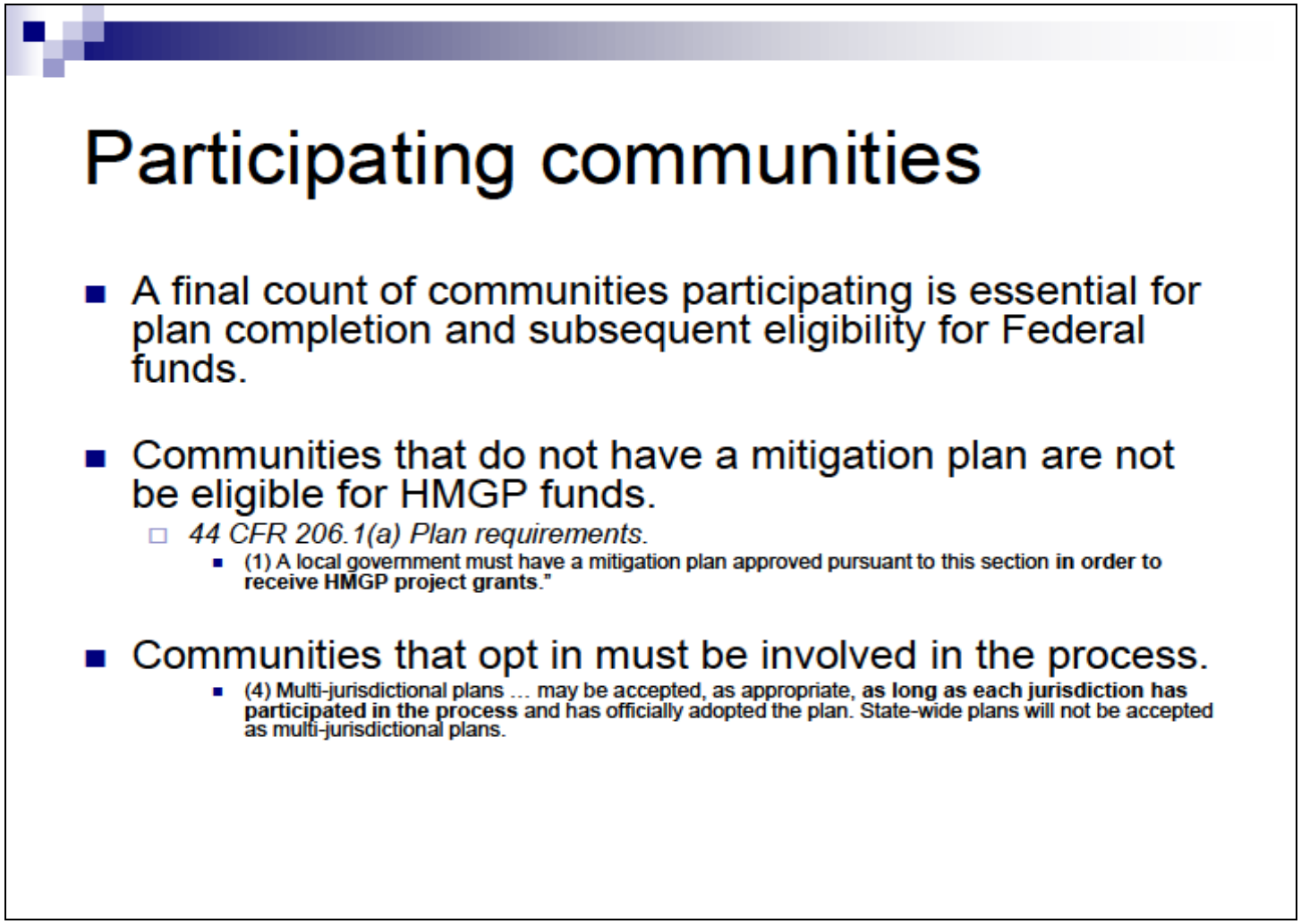

Composition of Local Team
Outside stakeholders must have the opportunity to be involved in the development of the Planning Process
Highly recommend including outside agencies and neighboring communities in Local Team
Local businesses
Academia
Private non-profit groups
You are responsible for inviting them to participate, but are not penalized if they choose not to do so
Dated documentation of invitation must be provided

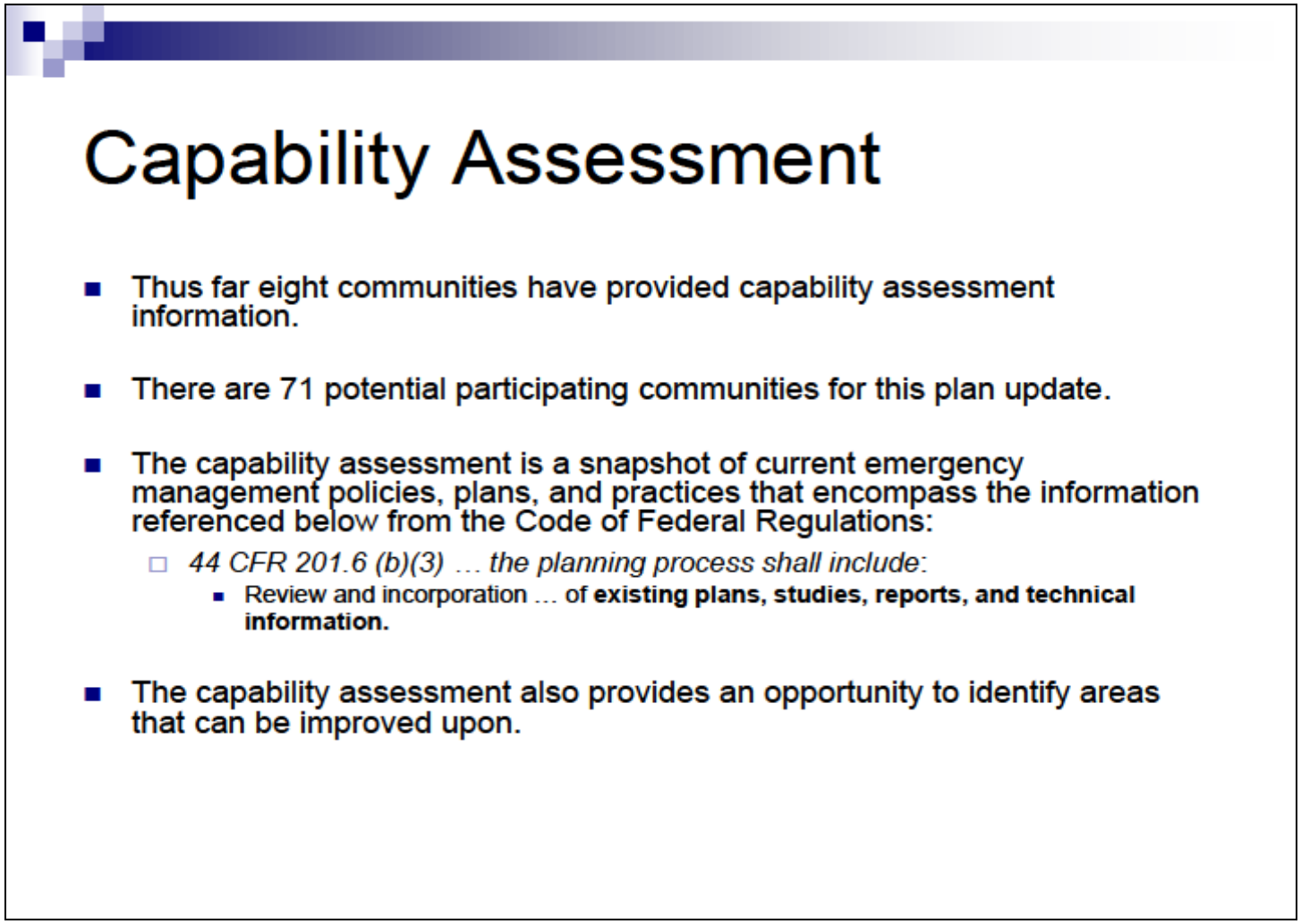

Mitigation Actions
Mitigation actions must address the hazards, risks and vulnerabilities identified in the Plan
Each participant must identify at least two (2) actions for every hazard identified
Actions may be structural or non-structural
If you need help identifying or prioritizing actions, please let one of the Planners know

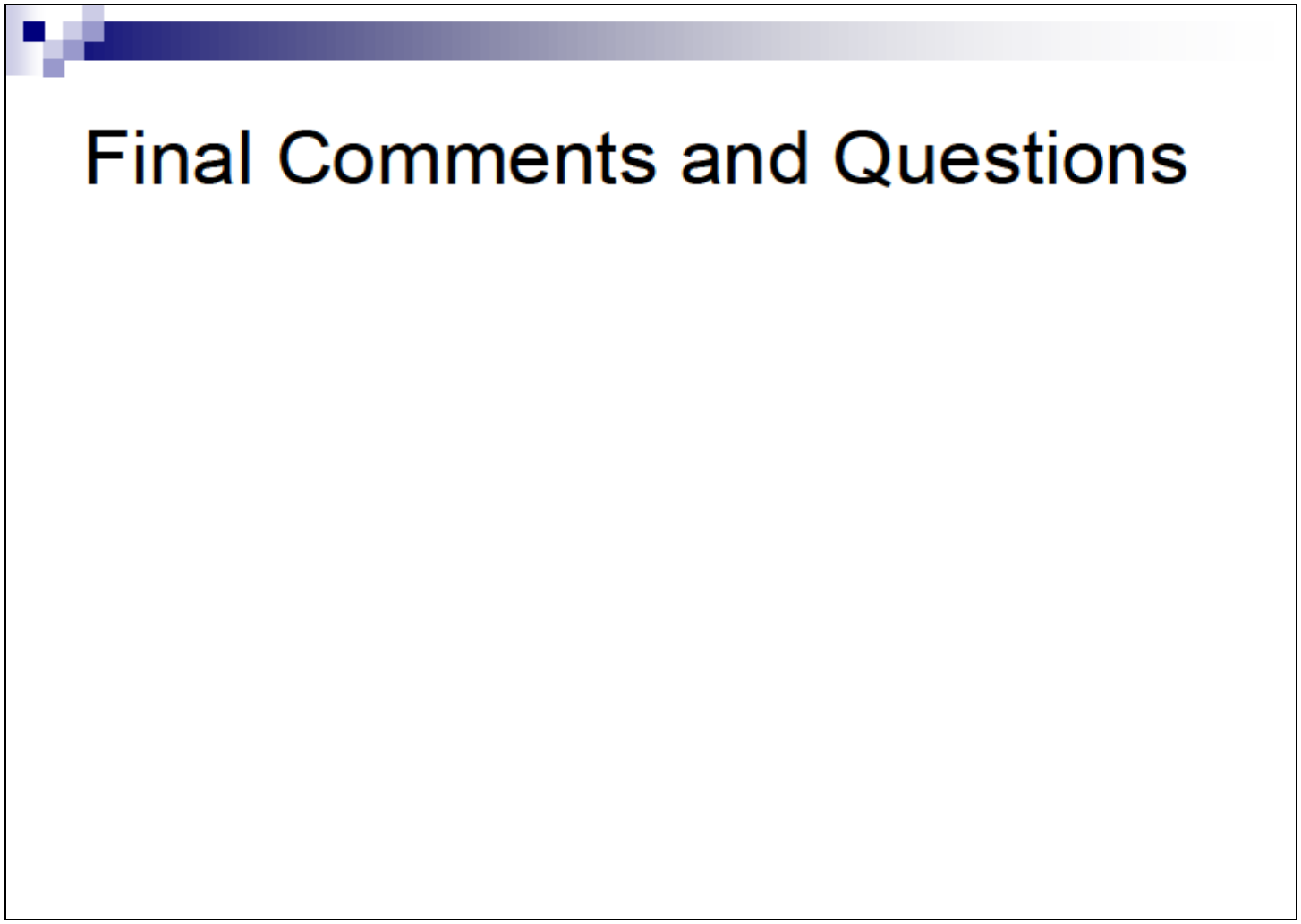

Local Team Meeting Documentation
You must document your local team meeting:
Sign-in sheet or list of attendees
Name
Title
Agency
Contact information
Meeting notes/minutes
Copies of invitations/meeting reminders
Written, prioritized listing of mitigation actions
You will need to submit your meeting documentation to the Planners


Timeline and Responsibilities for Project Completion
Local Team meetings must occur between now and Tuesday, November 30th
Documentation of meeting must be provided by Friday, December 3rd
Review draft of plan ready for comment by Monday, January 31st


Information needed from participants
Participating communities
Information tracking sheet (handout)
Capability Assessment


Participating communities
A final count of communities participating is essential for plan completion and subsequent eligibility for Federal funds.
Communities that do not have a mitigation plan are not be eligible for HMGP funds.
44 CFR 206.1(a) Plan requirements.
(1) A local government must have a mitigation plan approved pursuant to this section in order to receive HMGP project grants."
Communities that opt in must be involved in the process.
(4) Multi-jurisdictional plans … may be accepted, as appropriate, as long as each jurisdiction has participated in the process and has officially adopted the plan. State-wide plans will not be accepted as multi-jurisdictional plans.


Capability Assessment
Thus far eight communities have provided capability assessment information.
There are 71 potential participating communities for this plan update.
The capability assessment is a snapshot of current emergency management policies, plans, and practices that encompass the information referenced below from the Code of Federal Regulations:
44 CFR 201.6 (b)(3) … the planning process shall include:
Review and incorporation … of existing plans, studies, reports, and technical information.
The capability assessment also provides an opportunity to identify areas that can be improved upon.


Final Comments and Questions

APPENDIX H

Public Participation Documentation

Contents of this Section

H.1 Kickoff Meeting Public Notice and Participation Documentation
H.2 Meeting #2 Public Notice and Participation Documentation
H.3 Meeting #3 Public Notice and Participation Documentation
H.4 Public Review and Comment Period #1 Documentation
H.5 Public Review and Comment Period #2 Documentation

H.1 Kickoff Meeting Public Notice and Participation Documentation

This section contains documentation related to the Kickoff Meeting on June 18, 2010.

H.1.1 Meeting Announcement

The following invitation was sent to all potentially interested parties, announcing the Kickoff Meeting.

June 15, 2010

Re: Invitation to AACOG's Hazard Mitigation Plan Update Kickoff Meeting

Dear Colleagues, Elected Officials, EMC's, POC's

The Alamo Area Council of Governments (AACOG) is preparing to update our current Multi-Jurisdictional Hazard Mitigation Plan, and needs your assistance with the evaluation of hazards and risks, as well as the updating of the plan. Made possible by a grant provided through the Texas Division of Emergency Management (TDEM), the plan update will build upon existing data and will address the hazards, risks and vulnerabilities that are specific to our area. AACOG has contracted the services of a consulting firm, James Lee Witt Associates, to assist with the planning process.

As with our previous plan, this plan update will identify and document potential mitigation opportunities within the AACOG planning area, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan update also will provide a foundation for identifying mitigation projects suitable for future federal funding and will address past issues caused by natural and human-caused hazards.

We invite you (or your designee) to join us at all our Executive Mitigation Committee meetings. You are receiving this invitation to participate in our hazard mitigation plan update process because we have identified your agency or office as one that has both information and an interest that would be beneficial to the plan update process. We ask that you or your designee plan to participate in the update of this

plan by attending and participating in Committee meetings. We hope to move forward with a high level of attendance and participation in the planning process, as the plan is intended to address hazard vulnerability and mitigation issues within AACOG's planning area.

The timeline for this process is greatly condensed. The final draft plan must be submitted to TDEM in August 2010, where it will be reviewed and approved by both TDEM and FEMA. We anticipate the need for 3-4 Steering Committee meetings, some of which will require in-person attendance. Other meetings will be held virtually, and will not require in-person attendance.

The Kickoff Meeting will be held on **Friday, June 18, 2010, from 1 pm – 3 pm**. The meeting will be held via WebEx and conference call. Please ensure that you are able to participate in this meeting via phone and internet, as you will need to login to the website to view the presentations. Instructions are at end of this invitation. Instructions for the WebEx are at end of this invitation.

Please provide the WebEx information to your Hazard Team members who participated in 2005 and any others since then about this kick off meeting. If there are any other individuals who you feel should also be on this WebEx meeting, please provide them with the information so they can participate in the Kickoff Meeting on Friday.

If you have questions regarding the planning process or the meeting, or if you have information that you feel would be beneficial to the planning process, please contact Alessandra Jerolleman of James Lee Witt Associates at 504-914-6648 or ajerolleman@wittassociates.com.

Thank you for your help, and for your commitment to making the AACOG area more disaster resistant.

Here is the information for the WebEx:

Topic: AACOG Meeting 1
Date: Friday, June 18, 2010
Time: 1:00 pm, Central Daylight Time (Chicago, GMT-05:00)
Meeting Number: 556 904 886
Meeting Password: Global1

To join the online meeting (Now from iPhones too!)
---
1. Go to
https://globaloptions.webex.com/globaloptions/j.php?ED=118092342&UID=1049060242&PW=NMTNkODQ0NTc5&RT=MiM3
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: Global1
4. Click "Join".

To join the audio conference only

Call-in toll-free number (US/Canada): 1-866-469-3239
Call-in toll number (US/Canada): 1-650-429-3300
Global call-in numbers:
https://globaloptions.webex.com/globaloptions/globalcallin.php?serviceType=MC&ED=118092342&tollFree=1

Toll-free dialing restrictions: http://www.webex.com/pdf/tollfree_restrictions.pdf

Access code:556 904 886

Thanks

Alessandra Jerolleman, MPA, CFM
Senior Planner
James Lee Witt Associates
Mobile 504-914-6648

H.2 Meeting #2 Public Notice

This section contains documentation related to Meeting #2 on July 29 and 30, 2010.

H.2.1 AACOG Public Notice

The following public notice was issued by AACPG to announce Meeting #2 to the public.

AACOG
Alamo Area Council Of Governments

PUBLIC MEETING NOTICE
Hazard Mitigation Action Plan
Alamo Area Council of Governments

The Alamo Area Council of Governments (AACOG) is holding public meetings as part of its efforts to update a regional Hazard Mitigation Action Plan. The purpose of the public meetings is to solicit information from the public to help identify hazards affecting residents of the Alamo Area and take action to reduce the impact of those hazards.

Cities and counties in the Alamo Area have joined together under the auspices of AACOG to solve common problems relating to flooding and other natural hazards. These communities are updating a regional Hazard Mitigation Action Plan that identifies hazards facing participating communities, assesses risks, and recommends actions to reduce the risk of loss of life and property from those hazards. Hazards that the communities are seeking public input on include: flooding, fire, drought, severe winter storms, tornadoes, windstorms, hurricanes, hailstorms, dam failure, extreme heat, and any other hazards of concern to Alamo Area residents. Members of the public are encouraged to attend one of the meetings below.

MEETING
Thursday, July 29, 2010
9:00 a.m.–1:00 p.m.
Wilson County Criminal Justice Center
800 10th Street, Courtroom
Floresville, TX

MEETING
Friday, July 30, 2010
1:00 p.m.–5:00 p.m.
AACOG Al J. Notzon III Board Room
8700 Tesoro Dr.
San Antonio, TX

At the public meeting, a briefing will be provided on the planning process and hazards identified to date. An opportunity will be provided for the public to offer recommendations on hazards of concern and ways to reduce risks. Questions about the plan should be addressed to Mary Seguin Ruiz at (210) 362-5296 or e-mail mruiz@aacog.com or Adrienne R. Cohen (210) 362-5256 or e-mail at arcohen@aacog.com.

H.2.2 AACOG Public Meeting Calendar

The following images are taken from AACOG's Public Meeting calendar. These notices provide meeting details to members of the public who are interested in attending these public meetings.



AACOG Events http://www.aacog.com/calendar/event.asp?eventid=2147

AACOG Alamo Area Council Of Governments

Event Details

Hazard Mitigation Action Plan Public Meeting

7/29/2010

9 a.m.-1 p.m.

Location: Wilson County Criminal Justice Center — Directions
800 10th Street, Courtroom
Floresville
TX

Contact Information: Adrienne R. Cohen
(210) 362-5250
arcohen@aacog.com

Hosted by: AACOG

Event Description: AACOG is holding public meetings to solicit information from the public to help identify hazards affecting residents of the Alamo Area and take action to reduce the impact of these hazards.

Back to Calendar

1 of 1 7/9/2010 3:34 PM



7/30/2010 http://www.aacog.com/calendarevent.asp?eventid=2248

AACOG Alamo Area Council Of Governments

Event Details

Hazard Mitigation Action Plan Public Meeting

7/30/2010

1 p.m.-5 p.m.

Location: Al J. Notzon, III Board Room
8700 Tesoro Drive
Suite 100
San Antonio
TX
78217

Directions

Contact Information: Adrienne R. Ochoa
(210) 362-5298
aochoa@aacog.com

Hosted By: AACOG

Event Description: AACOG is holding public meetings to solicit information from the public to help identify hazards affecting residents of the Alamo Area and take action to reduce the impact of those hazards.

Back to Calendar

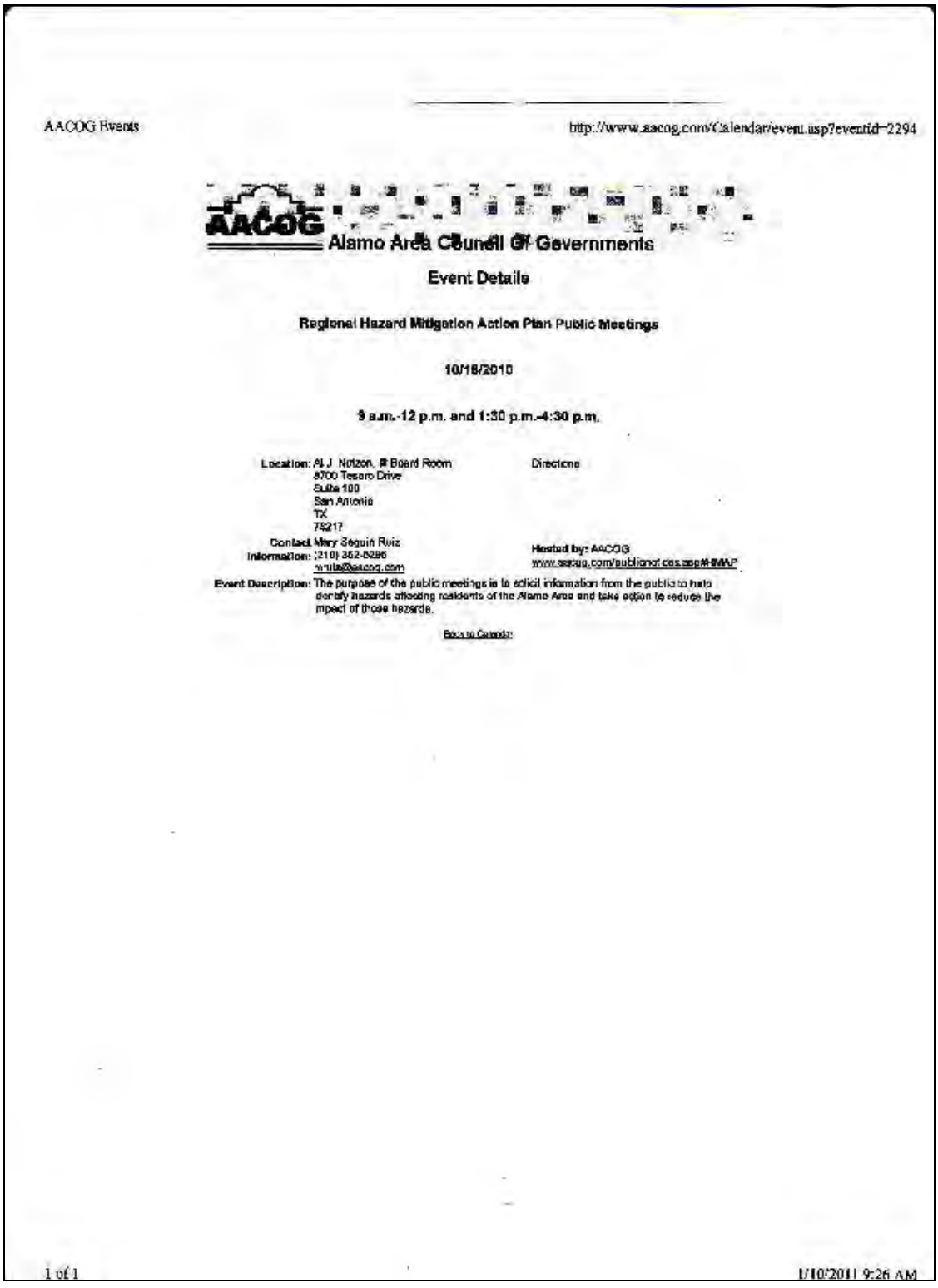
1 of 1

7/30/2010 3:34 PM

H.3 Meeting #3 Public Notice

This section contains documentation related to Meeting #3 on October 18, 2010.

The following image was taken from AACOG's Public Meeting calendar. This notice provide meeting details to members of the public who are interested in attending these public meetings.



AACOG Events http://www.aacog.com/Calendar/event.asp?eventid=2294

AACOG Alamo Area Council Of Governments

Event Details

Regional Hazard Mitigation Action Plan Public Meetings

10/18/2010

9 a.m.-12 p.m. and 1:30 p.m.-4:30 p.m.

Location: Al J. Notzon, III Board Room
8700 Tesoro Drive
Suite 100
San Antonio
TX
78217

Directions

Contact Information: Mary Séguin Ruiz
(210) 362-5286
mruiz@aacog.com

Hosted by: AACOG
www.aacog.com/publicnotices.asp#HMAP

Event Description: The purpose of the public meetings is to solicit information from the public to help identify hazards affecting residents of the Alamo Area and take action to reduce the impact of those hazards.

Back to Calendar

1 of 1 1/10/2011 9:26 AM

H.4 Public Review and Comment Period #1 Documentation

This section contains documentation related to the first public review and comment period, held during the drafting of the draft plan document.

H.4.1 Bandera County and Municipality

Kelly George

From: Kelly George
Sent: Monday, March 21, 2011 10:53 AM
To: 'EOC'
Subject: RE: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

Thanks, Carey.

kg

Kelly George, CPM
830.810.5429

Please consider the environment before printing this email.

From: EOC [mailto:banderaeoc@indian-creek.net]
Sent: Monday, March 21, 2011 10:29 AM
To: Kelly George
Subject: Re: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

Kelly,

We posted the link to AACOG's website and the plan on our county website. Here is the link http://www.banderacounty.org/departments/emergency_management.htm. I will send more info as it becomes available. No comments other than mine at this time. When I am finished with the whole document, I will send mine in.

Carey Reed
Bandera County

From: Kelly George
Sent: Wednesday, March 02, 2011 2:58 PM
To: emc-fm@2fastmail.com ; Bandera EMC ; 'Coleman, Ross' ; Scott Lemaright ; bkuhn@alamoheightstx.gov ; jprince@balconesheights.org ; firechief-chfd@satx.rr.com ; Converse City Hall ; RWall@Helotes-TX.gov ; Bryce Houlton Kirby Fire Department ; Robert Lee ; Gary Woppert ; Susann Baker ; Officer Janet Thelen (Code Enforcement) ; Lorenzo Sanchez ; James Mendoza ; city.administrator@somersettx.gov ; Justin Seibert ; fireresources@universalcitytexas.com ; Hall, Trey ; emc@vonormytexas.com ; Edgett, Carol ; Carlos A. Garcia ; emaldonado@att.net ; ict.lpepper@fogtx.org ; dkinsey@co.guadalupe.tx.us ; bfodd@schertx.com ; Shelby Dupnik ; Clay Barton ; rzachry@incramtx.com ; odunlap@kerrvilletx.gov ; Wesley Beck ; Lee McVay ; Darrell Rawling ; devinepolice@yahoo.com ; Timothy D. Fousse ; Ruby Yeru ; leannema@felpsis.net ; citymanager@cityofforestville.org ; Chief Bobby Hyatt ; Officer Janet Thelen (Code Enforcement) ; sbscott@sara-tx.org ; Reha Cimen ; Rudy Farias ; firechief@universalcitytexas.com
Cc: HLS ; mstanley@staff.jlwitt.com ; jcox@staff.jlwitt.com
Subject: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

Good afternoon, all –

I wanted to remind you all that your review comments/notes/corrections, as well as any comments from your public comment period are due on **Friday, April 1st**. This includes the documentation that will verify that you made the draft plan available to the public for review and comment.

If I do not receive comments from a jurisdiction by Friday, April 1, and I do not receive any notice that their submission will be delayed, I will assume that there are no comments from that jurisdiction, either from the local

EMERGENCY MANAGEMENT

Carey Reed



Emergency Management Coordinator

3263 State Hwy 173 North
P. O. Box 2478
Bandera, Texas 78003

Emergency Operation Center
830-460-0388
Fax 830-796-3478

facebook

INFORMATION

AACOG Regional Hazard Mitigation Plan Draft

Copyright © [illegible]
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H.4.2 Bexar County (includes Cities of Converse and St. Hedwig)

Kelly George

From: Scott Lampright [Scott.Lampright@sanantonio.gov]
Sent: Friday, March 25, 2011 8:08 AM
To: Kelly George
Cc: 'Adrienne Cohen'; 'HLS@aacog.com'; 'rayc2@hotmail.com'; 'stormwater@converse.tx.net'; 'sainthedwig@sbcglobal.net'
Subject: RE: AACOG Regional Hazard Mitigation Plan Update – Drafts Posted for Review and Comment

Kelly,

The required 30 days have passed and there were no responses to the Bexar County HMP Public Notice posting.

Please call me at (210) 208-8530 if you have any questions.

Thank you.,

Scott Lamright
Bexar County OEM

The information contained in and transmitted with this e-mail (including attachments, if any) is considered confidential. It is intended only for the individual or entity designated above. You are hereby notified that any dissemination, distribution, copying or use of or reliance on the information contained in and transmitted with this e-mail by or to anyone other than the recipient designated above by the sender is unauthorized and strictly prohibited. If you have received this e-mail in error, please contact the sender immediately and notify them that you received this in error. Any e-mail erroneously transmitted to you should be immediately destroyed. Thank you for your attention to this note of confidentiality.

From: Scott Lampright
Sent: Wednesday, February 23, 2011 12:36 PM
To: 'Kelly George'
Cc: 'Adrienne Cohen'; 'HLS@aacog.com'; 'rayc2@hotmail.com'; 'stormwater@converse.tx.net'; 'sainthedwig@sbcglobal.net'
Subject: AACOG Regional Hazard Mitigation Plan Update - Drafts Posted for Review and Comment

Kelly

Attached is the Bexar County HMP Public Notice that was posted today at the Bexar County Courthouse. The Public Notice includes the Cities of Converse and St. Hedwig, as those two municipalities took part in the Bexar County Mitigation Team Meeting on November 18, 2010. I will let you know if there are any responses.

Scott Lampright

Bexar County OEM

(210) 208-8530

February 23, 2011

LT1-SS-15131-1

PUBLIC NOTICE

BEXAR COUNTY ANNOUNCES PUBLIC REVIEW AND COMMENT PERIOD FOR THE REGIONAL HAZARD MITIGATION PLAN

Bexar County and the Cities of Converse and St. Hedwig have completed work on a draft of the regional hazard mitigation plan, and have scheduled a 30 day public comment period for the plan. This plan was made possible through a grant provided by the Federal Emergency Management Agency (FEMA) and administered by the Texas Division of Emergency Management.

The plan will be made available to the public for 30 days on the Alamo Area Council of Government's website, and can be accessed through the following link: http://www.aacog.com/homelandsecurity/Mitigation/HVPUpdate2010-2011.asp

This comment period will give the public the opportunity to review the draft and make comments regarding the draft plan for Bexar County and the municipalities to include in the plan. We are asking that the public take this opportunity to make comments regarding the draft plan. Any comments or suggestions can be emailed to slampright@bexar.org.

The plan will be available for public comment until **March 25, 2011**. All comments received by this date will be reviewed and considered.

The primary intent of this project is to identify and document potential hazards, risks, vulnerabilities and projects that are suitable for future federal funding as it becomes available. The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This process includes input from the local hazard mitigation team in Bexar County and the Cities of Converse and St. Hedwig.

Each year, millions of federal hazard mitigation grant dollars are made available to eligible applicants via programs such as the Hazard Mitigation Grant Program (HMGP) and the Pre-Disaster Mitigation Program (PDM). With an approved hazard mitigation plan, Bexar County and the Cities of Converse and St. Hedwig will be eligible for these competitive grant funds.

Thank you,

LT2-0-0-1

Scott M. Lampright
Bexar County Mitigation Team

Date/Time of Posting: _____

Docl# 15131 Pgs: 30.00
02/23/2011 11:47AM # Pages 1
Filed & Recorded in the Official Public Records of BEXAR COUNTY
GERARD RICKHOFF COUNTY CLERK

H.4.3 Bexar County – City of Alamo Heights

Kelly George

From: Brian Chandler [bchandler@alamoheightstx.gov]
Sent: Wednesday, March 30, 2011 12:43 PM
To: Kelly George
Cc: Buddy Kuhn
Subject: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period: City of Alamo Heights
Attachments: AlamoHeightsCityNewsletterHazMitArticle(2-11).pdf; AlamoHeightsWebsitePublicNotices.pdf

Hi Kelly,

Attached is the documentation to confirm that the City of Alamo Heights provided sufficient opportunities for the public to comment on the AACOG Regional Hazard Mitigation Plan Update. The newsletter article went out to every property owner in Alamo Heights and the website links have been up since the beginning of February (see attached notice or access the hyperlink to the website below).

http://www.alamoheightstx.gov/publicnotices/

We did not receive any comments during the public comment period. Please let me know if you need anything else.

Sincerely,

Brian

Brian L. Chandler, AICP

Planning & Development Services Director

City of Alamo Heights

(210) 832-2250

From: Buddy Kuhn
Sent: Wednesday, March 02, 2011 3:34 PM
To: Brian Chandler
Subject: FW: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

1



ALAMO HEIGHTS
City news
Your Official Source from City Hall — February 2011

Completion of Capital Improvement Projects



In 2007, the City sold $7.5 Million in Certificates of Obligation for Capital Improvement Projects. The City is nearing completion of these projects, which included water and sewer line replacements, construction of a 500K gallon elevated water tank, repainting of existing 300K gallon elevated water tank, installation of electronic control system on all tanks and wells and purchase of new fire ladder apparatus.

Also included in these projects were major street improvements and installation of sidewalks along the major throughfares of Alamo Heights.

- *Broadway* - repaved and accessible sidewalks and pedestrian crossings installed
- *N. New Braunfels* - repaved and bike lanes installed
- *E. Castano* - rebuilt as concrete street with accessible sidewalks and dark-sky compliant lighting
- *Patterson Ave.* - accessible sidewalks are being installed

Thank you for your patience through all the construction and roadwork during the completion of all the projects.



Congratulations and well wishes to Interim City Manager Shawn P. Eddy in his new role as Sr. Director of Enterprise Facilities Asset Management at CPS Energy. He will be greatly missed by City Council, staff and residents. During his tenure at Alamo Heights Shawn has overseen many major infrastructure improvements including the the Capital Improvement Program, the development and implementation of the 20-year street maintenance program, water conservation program and storm-water management plan.

AACOG Regional Hazard Mitigation Plan 2010 Update

As part of the process to continue Alamo Heights' eligibility for Federal FEMA assistance for disaster recovery, the City of Alamo Heights hosted a community meeting on November 23, 2010 and gathered comments from attendees to incorporate them into the plan update.

The final draft documents have been posted on the Alamo Area Council of Governments' (AACOG) website and are available for download at http://www.aacog.com/home.aspx?Mitigation/HMPUpdate2010-2011.asp.

Alamo Heights' action steps and public comment form can be found at the City of Alamo Heights website, http://www.alamoheightstx.gov/publicnotices/. Please sent your comments to Marian Ramirez at mramirez@alamoheightstx.gov or fax to 822-6197 by March 1, 2011.

Please contact Brian Chandler, Planning & Development Services Director (bchandler@alamoheightstx.gov or 832-2250), or Buddy Kuhn, Fire Chief (bkuhn@alamoheightstx.gov or 832-2266) if you have any questions concerning the plan.



City of Alamo Heights : Public Notices Page 1 of 1

City of Alamo Heights

Public Notices

Public Hearing

Notice | Public Comment Period Ending | Public Hearing

Specific Use Permit (SUP) - 175 Carriage Ct. | February 17 - March 6 | 2011 | P&Z Meeting - March 8, City Council Meeting - March 14, 2011

Encroachment of City Right-of-Way Hearing

Notice/Address | Public Comment Period Ending | Public Hearing

Current Public Notices

2012 Passed Ordinances - Action Plan | Download

2012 Passed Ordinance AACOG RMP - Public Comment Form | Download

Alamo Area Mitigation Action Plan Update Program | Download

Code Violation Liens Report | Download

Demolition Passed Notices

Notice/Address | Public Comment Period Ending | Public Hearing

512 Ammmann | February 28 - March 16 | ARB (Tuesday, March 1

Demolition Delay Notice

Address | Delay Period | City Council Hearing

233 Redwood | 2nd Delay | March 12 - May 29

http://www.alamoheightstx.gov/publicnotices/ 3/30/2011

H.4.4 Bexar County – City of Leon Valley

Kelly George

From: Robert Lee [rlee@leonvalleytexas.gov]
Sent: Friday, April 01, 2011 10:25 AM
To: Kelly George
Subject: Re: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder
Attachments: 2011.03 PUB Review Request.doc; AACOG HMP 2010 Update Participant Review and Comment Form.doc; Screen Shot.mht

Hello Kelly,

I have attached the requested documentation. We had no commentary from the general public so I am sending you our Pub Comment info on the attachments. We made this available to the public on our website so you will see a screen shot of that. Please let me know if these are adequate.

Have a great weekend,
Robert

The information contained in and transmitted with this e-mail (including attachments, if any) is considered confidential. It is intended only for the individual or entity designated above. You are hereby notified that any dissemination, distribution, copying or use of or reliance on the information contained in and transmitted with this e-mail by or to anyone other than the recipient designated above by the sender is unauthorized and strictly prohibited. If you have received this e-mail in error, please contact the sender immediately and notify them that you received this in error. Any e-mail erroneously transmitted to you should be immediately destroyed. Thank you for your attention to this note of confidentiality.

----- Original Message -----
From: Kelly George
To: emc-fm@2fastmail.com ; Bandera EMC ; 'Coleman, Ross' ; Scott Lampright ; bkuhn@ci.alamoheightstx.gov ; dprince@balconesheights.org ; firechief-chfd@satx.rr.com ; Converse City Hall ; RWall@Helotes-TX.gov ; Bryce Houlton Kirby Fire Department ; Robert Lee ; Gary Woppert ; Susann Baker ; Officer Janet Thelen (Code Enforcement) ; Lorenzo Sanchez ; James Mendoza ; city.administrator@somerstx.gov ; Justin Seibert ; fireresources@universalcitytexas.com ; Hall, Trey ; emc@vonormytexas.com ; Edgett, Carol ; Carlos A. Garcia ; armeldonaco@att.net ; jculpepper@fbgtx.org ; dkinsey@co.guadalupe.tx.us ; bladd@schertz.com ; Sho by Duprik ; Clay Barton ; rzachry@ingramtx.com ; pdunlap@kerrvilletx.gov ; Wesley Bock ; Lee McVay ; Darrell Rawling ; devinepolice@yahoo.com ; Timothy D. Fousse ; Kathy Vera ; regionema@tdpsis.net ; citymanager@cityofflorosville.org ; Chief Bobby Hyatt ; Officer Janet Thelen (Code Enforcement) ; sbsanit@sara-tx.org ; Reha Cimen ; Rudy Farias ; firechief@universalcitytexas.com
Cc: HLS ; mstanley@staff.jlwitt.com ; jcox@staff.jlwitt.com
Sent: Wednesday, March 02, 2011 2:58 PM
Subject: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

Good afternoon, all –

I wanted to remind you all that your review comments/notes/corrections, as well as any comments from your public comment period are due on **Friday, April 1st**. This includes the documentation that will verify that you made the draft plan available to the public for review and comment.

If I do not receive comments from a jurisdiction by Friday, April 1, and I do not receive any notice that their submission will be delayed, I will assume that there are no comments from that jurisdiction, either from the local mitigation team or from the public comment period. Please note that even if you have no comments, I will still need your public comment period documentation.

If you have any questions, or need any help, please don't hesitate to contact me. I'm happy to help where I can.

LEON VALLEY TEXAS
FIRE DEPARTMENT / EMS

A Memorandum

Date: 3/4//2011

To: Janie Willman, City Secretary

From: Robert Lee, AI-C

RE: Public Comment Period

The development of a hazard mitigation plan is a public process. FEMA requires that the public be provided an opportunity to review and provide comments on the plan while it's in a draft stage. For those who need/want it, the requirement can be found at 44 CFR, §201.6(b)(1). To help meet this requirement, we must do the following:

1. Make the final draft of the plan available to the public in Leon Valley.
2. Provide a mechanism by which the public can provide comments/feedback on the draft plan.
3. Ask our mitigation team members to review and consider any comments/feedback received.
4. Return any comments/feedback received to the AACOG consultant.

It is strongly recommend that we make this plan available via the link to AACOG's website.

http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-201...asp

As of now, the final draft plan is more than **1,000 pages** when printed, and contains several hundred color images. It is a much more manageable document in electronic form. Perhaps you can make the link available through our website, or by posting the link in a public notice (E-News) or however we would normally make large documents available to the public. FEMA doesn't have any requirements on the mechanism that we use to make the plan available, only that we do so and that we document how it was done.

We will not be providing printed copies of the plan documents to any anyone. It's simply cost-prohibitive. There will be a printed copy of the final draft available at AACOG's office if needed.

Attached to this email is a form titled *AACOG HMP 2010 Public Comment Form*. I recommend that we provide this standard method for the public to comment. Using a standardized template for submission of the comments will make reviewing and incorporating them a much simpler task.

FEMA does not mandate a length of time that the draft be available for public review and comment. Instead, we should use our normal public comment timeframe. I would recommend allowing 20 calendar days.

I ask that all comments, notes, corrections and feedback be returned to me **no later than Thursday, March 31, 2011.**

Kelly George

From: Saved by Windows Internet Explorer 8
Sent: Friday, April 01, 2011 10:11 AM
Subject: NISD Website

TEXAS



NISD Website

Leon Valley Library Official Site



Valley of Lions



Regional Hazard Mitigation Plan Update

Thank you for your interest in the Alamo Area Council of Governments Hazard Mitigation Plan Upc
provides the framework to help the AACOG area become more disaster resistant, and to help the reg
future damages and losses to its assets and residents. This plan encompasses the following jurisdicti

Atascosa County	City of Charlotte	Frio County	City of Di
	City of Christine		City of Pe
	City of Jourdanton	Gillespie County	City of Fredericl
	City of Lytle	Guadalupe County	City of Cl
	City of Pleasanton		City of M:
	City of Poteet		City of Ne
Bandera County	City of Bandera		City of Sc
Bexar County	City of Alamo Heights		City of Se
	City of Balcones Heights		City of St
	City of Converse	Karnes County	City of Fa
	City of Helotes		City of Ka
	City of Kirby		City of Kc
	City of Leon Valley		City of Ru
	City of Live Oak	Kerr County	City of In
	City of St. Hedwig		City of Ke
	City of San Antonio	Medina County	City of Ca

1

	City of Somerset		City of De
	City of Terrell Hills		City of Hc
	City of Universal City		City of Na
	City of Von Ormy	Wilson County	City of Fl
	City of Windcerst		City of La
Comal County	City of Bulverde		City of St
	City of Garden Ridge	San Antonio River Authority	
	City of New Braunfels		

For More Information please visit:

http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

If you have comments regarding this draft plan, please fill them in below. All cc be reviewed and considered, but will not be individually addressed to the indivic commenter. Thank you for your assistance and your interest in helping make tl Area a more disaster-resistant community.

Date
[ ]

Name
[ ]

Community
[ ]

Comments

[Submit]

2

H.4.5 Bexar County – City of Live Oak



City of Live Oak | Current Events file:///C:/Documents and Settings/Kelly George/Desktop/AACOG - L...

Emergency Management
Agenda Items
Current Events
Emergency Operations
Organization
Weather Awareness
Security
Response
Weather Awareness
Home | Departments | Emergency Management | Current Events

Current Events

"Hot Item" - Draft Copy - Regional Hazard Mitigation Plan:

The final draft of the updated Regional Hazard Mitigation Plan has been completed and is currently available for review at the Alamo Area Council of Governments (AACOG) web site. A direct link to this document is:

http://www.aacog.com/index.aspx?pg=EMPlan2010%20Update.aspx

In order to view this document you must navigate to the AACOG web site at www.aacog.com. On the opening page under Programs click on "Homeland Security". On the next page look in the HMAP Update 2010-2011 section on the left hand column.

This plan, required by the Disaster Act of 2000, was originally completed in 2005 and contains a provision for review and update every five (5) years. This updated version, prepared by a private company through the Alamo Area Council of Governments (AACOG), is now available for review by all jurisdictions and the general public.

This is a very lengthy document and it is broken down into many sections. As a matter of information the City of Live Oak completed all of the mitigation items from the original plan and none have been identified in this draft.

Public comments and feedback are now being solicited from February 7, 2011 until March 7, 2011. Comments may be sent via e-mail to Gary Wiegand, the Emergency Management Coordinator at the link provided or by mail to the following address:

Office of Emergency Management, 8001 Shin Oak Drive, Live Oak, Texas 78233

All comments should refer to a specific section, subsection, page number, or table and should be specific. All comments will be reviewed and those pertaining to specific issues will be forwarded to the company involved in updating the document.

Any questions pertaining to this matter should be directed to Gary Wiegand, the Emergency Management Coordinator, at 653-0140, Extension 330, or via e-mail to the link provided above. Special viewing by the office of the Fire Station during normal business hours.

"Objective to be Ready in 2011"

The Department of Homeland Security, the Federal Emergency Management Agency, and the Live Oak Office of Emergency Management have their "Citizens Goal" two years resolution is "Resolve to be Ready in 2011".

There are only a few simple steps involved and they can be summed up this way: "Be Informed - Make a Plan - Make a Kit". All citizens should be aware of the types of hazards within the community. Then create a Family Disaster Plan that includes a communications plan for all family members. Finally, make a kit! Actually you need to gather the necessary supplies, i.e. food, water, etc. for all family members, and make sure you have everything you may need in case of a disaster or emergency or to shelter in place. For additional information visit the various sections of this web page or more directly www.ready.gov or locally www.beready.com/live_oak

Reminder - Connect CITY Telephone Alert System:

All citizens - have you signed up for the Connect CITY Telephone Alert System. As a reminder to residents who have listed telephone numbers should be sure to update whenever those who have unlisted telephone numbers are also. In addition if you utilize a cellular telephone as your ONLY home telephone you are not listed online.

The telephone system is designed to provide the City with a reliable means of communicating with our citizens and the business community, to post phone emergency messages and/or important information relating to City issues.

Citizens may include up to 3 telephone numbers, including cellular numbers, into the system, e-mail addresses, and text messaging numbers as well. For additional information visit the City Services section of our web site and click on the Connect CITY icon. There is a direct link to the system and then follow the simple directions to update your information.

American Red Cross Volunteers - March 2011:

The American Red Cross is always looking for volunteers to support their many programs including disaster response, shelter and mass care operations. If you are retired or just someone with some extra time and if you would like to donate some of your time to a very worthy cause, consider volunteering with the local chapter of the Red Cross.

You can contact them at 224-0151 or stop by their local offices at 3847 East Houston Street during normal business hours. For additional information you can also visit their web site at www.redcross.org.

Utility Power Outages - March 2011:

Power outages are always a major inconvenience for everyone. These never planned. They are most usually because of severe weather or sometimes traffic accidents which knock down power poles. Most of the time City Public Service (CPS Energy) can restore service quickly. Sometimes, especially following a severe storm, downed power lines, poles, and other related equipment must be replaced before service can be restored. This can take many hours or on occasion several days.

of 3

4/29/2011 10:39 AM

H.4.6 Bexar County – City of San Antonio

SAOEM

AACOG Regional Hazard Mitigation Plan
Notice for Public Review and Comments

Action:	EOC Partner Agency & Open Public Review
What:	AACOG Regional Hazard Mitigation Plan – See Attachment
Review Period:	March 21, 2011 – March 30, 2011 (COB)
Send Comments to:	James Mendoza, 210 206 8553, james.mendoza@sanantonio.gov
	Lorenzo Sanchez, 210-206-8729, lorenzo.sanchez@sanantonio.gov

Source: http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

Overview:

The Alamo Area Council of Governments Regional Hazard Mitigation Plan is designed to protect people and property from the effects of natural and human-caused hazards. By taking action today, we can reduce the likelihood of injuries, loss of life and damage to our communities. That is what hazard mitigation planning is all about – taking action based on a solid understanding of our vulnerabilities to reduce the impacts of hazards that may strike sometime in the future. In addition to developing a framework for action, the Regional Mitigation Plan enables participating counties and municipalities to apply for pre and post-disaster mitigation funding that would not otherwise be available. This funding can help local jurisdictions implement desired goals and objectives outlined in the plan. Participants in the AACOG regional planning process formulated the following guiding principles, which categorize the types of mitigation strategies ultimately adopted at the local level.

- **Communication and Coordination**
- **Financial Resources**
- **Technical Assistance**
- **Training**
- **Planning**
- **Education and Public Participation**
- **Critical Facilities**
- **Infrastructure and Utilities**
- **Weather Warning Systems and Hazard Identification Technologies**
- **Environmental Concerns**

For each principle, regional-level goals were established along with more refined objectives. Each county and municipality was responsible for developing their own Mitigation Action Plan, which identified jurisdictionally-specific actions, written in the form of policies and projects. Each Mitigation Action Plan includes assigned responsibilities, potential funding sources and a timeline for implementation. Action plans link the broad ideas established in the AACOG Regional Mitigation Plan with strategic, action-oriented tasks.

SAOEM

Monday Morning Meeting (M3)
March 21, 2011

I. **INTRODUCTION**

II. **EMERGENCY MANAGEMENT UPDATES (Lorenzo D. Sanchez)**

- Mitigation Planning: Building codes, zoning, and acquiring/relocating structures. Four step process (1) Organize resources, (2) Assess risks, (3) Develop a mitigation plan, and (4) Implement the plan and monitor progress.
  - AACOG Regional Hazard Mitigation Plan: EOC Partners please review and provide public comments to James Mendoza or Lorenzo Sanchez by Wednesday, March 30, 2011. Attached is the public notice for your review and distribution.
  - Utilize the attached comment forms for public comments or jurisdictional comments
- SAOEM Plans: Annexes A, B, F, N and U have been approved by the State.
- Texas Emergency Management Conference: Held at the Henry B. Gonzalez Convention Center in San Antonio from April 26th to 29th. For registration and information you can access www.preparingtexas.org
- EOC will brief the M3 group regarding an action plan for FIFS A 2011 in the near future.
- Defense Support of Civil Authorities (DSCA) – March 25 at EOC (9:30 am or 1:00 pm). Contact Willie Monroe (willie.monroe@jbtx.mil) if interested.

III. **PRESENTATION**

Deborah Foster, SAFD Public Information Officer

- The presentation included information relating to the flood response capability and readiness of the San Antonio Fire Department.
- A copy of the presentation is provided

IV. **TRAINING OPPORTUNITIES (Mark Chadwick, SAOEM Training Officer)**

ICS-300 Incident Command System for Expanding Incidents

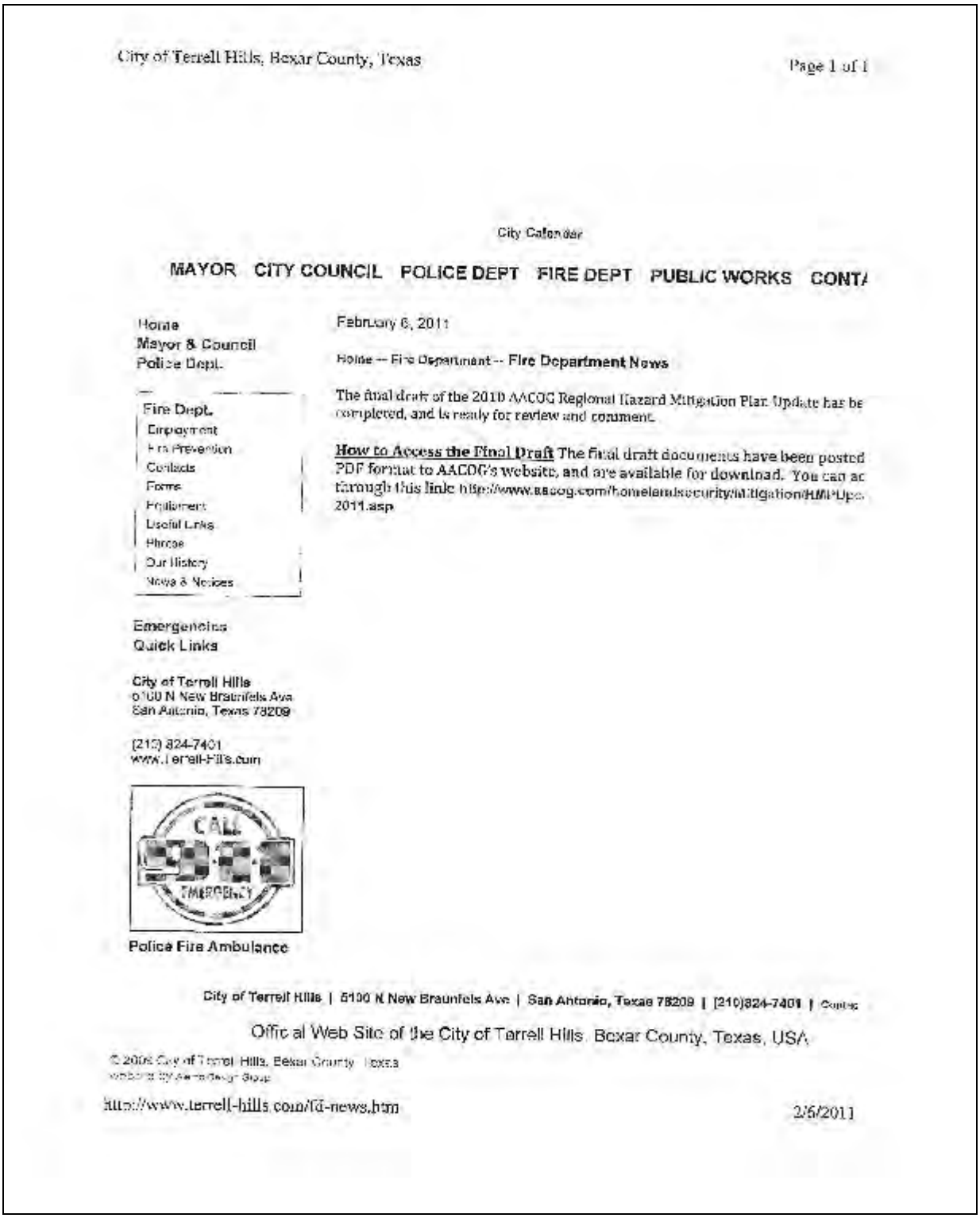
- 3/22 – 3/24/2011, from 9:30 am to 4:30 pm is being held at the EOC. The ICS-300 and ICS-400 courses are booked through June. If you are interested in attending these courses, register now for the open courses beginning in July on www.preparingtexas.org. The Point of Contact is Scot Campbell, Training Officer, SAOEM.

PCR-213 Wide Area Search

- 3/29 – 3/30/2011, from 8:00 am to 5:00 pm. We are looking at relocating the course due to road construction and related issues. Once a new

If you would like to present to the group, please contact Mark Chadwick at (210) 206-8688, mark.chadwick@sanantonio.gov

H.4.7 Bexar County – City of Terrell Hills



City of Terrell Hills, Bexar County, Texas Page 1 of 1

City Calendar

MAYOR CITY COUNCIL POLICE DEPT FIRE DEPT PUBLIC WORKS CONTA

Home
Mayor & Council
Police Dept.
Fire Dept.
Employment
Fire Prevention
Contacts
Forms
Equipment
Useful Links
Photos
Our History
News & Notices
Emergencies
Quick Links

City of Terrell Hills
5100 N New Braunfels Ave
San Antonio, Texas 78209

(210) 824-7401
www.Terrell-Hills.com

Police Fire Ambulance

February 6, 2011

Home -- Fire Department -- Fire Department News

The final draft of the 2010 AACOG Regional Hazard Mitigation Plan Update has be completed, and is ready for review and comment.

How to Access the Final Draft The final draft documents have been posted PDF format to AACOG's website, and are available for download. You can ac through this link http://www.aacog.com/homelandsecurity/Mitigation/HMPUpd 2011.asp

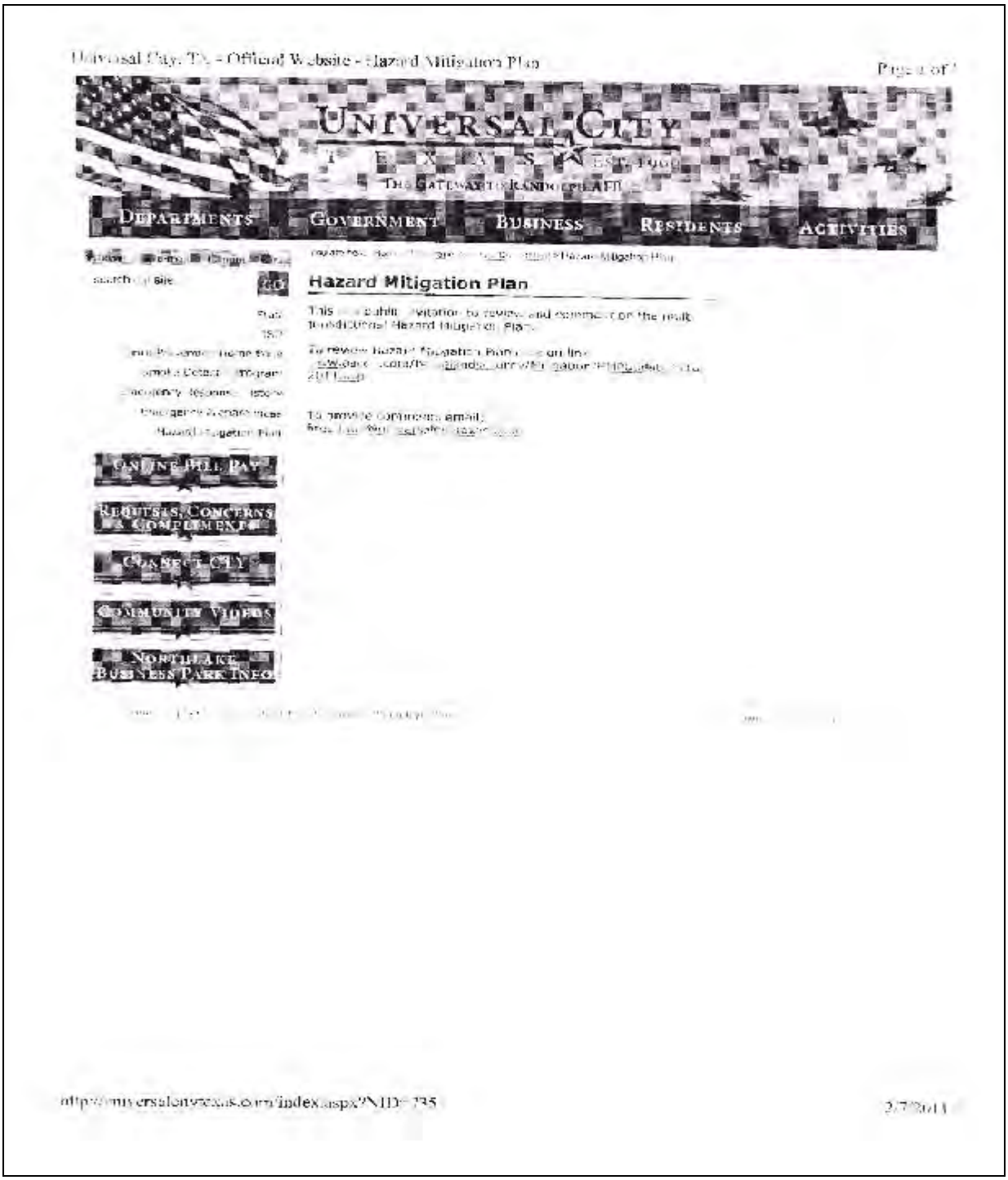
City of Terrell Hills | 5100 N New Braunfels Ave | San Antonio, Texas 78209 | (210)824-7401 | Contac

Offic al Web Site of the City of Terrell Hills Bexar County, Texas, USA

© 2008 City of Terrell Hills, Bexar County Texas
website by Avenue Design Group

http://www.terrell-hills.com/fd-news.htm 2/6/2011

H.4.8 Bexar County – City of Universal City



H.4.8 Comal County and Municipalities

Kelly George

From: Edgett, Carol [cctcje@co.comal.tx.us]
Sent: Thursday, March 10, 2011 11:41 AM
To: Kelly George
Cc: HLS
Subject: AACOG MAP Notification of Public Comment Period

Kelly,

Here are the links to the websites for each jurisdiction in Comal County, posting the Notification of Public Comment on the Alamo Regional Hazard Mitigation Plan. If you have any questions, Please give me a call.

Comal County: www.co.comal.tx.us under News and Information Review - Alamo Regional Hazard Mitigation Plan

City of New Braunfels: http://www.nbtexas.org/ under NewFlash, next to the last item title "Public Input Sought"

City of Garden Ridge: www.ci.garden-ridge.tx.us left side of the webpage, first blue arrow.

City of Bulverde: http://www.ci.bulverde.tx.us/ to the right of the page is a box that scrolls and the notice comes up there.

Thanks,
Carol

Carol J Edgett, EMC
Comal County
150 North Seguin
New Braunfels, TX 78130
phone: 830-221-1108
fax: 830-620-5380

This message to include any attachments, contains confidential information intended for a specific individual and purpose, and is protected by law. If you are not the intended recipient, you should delete this message. Any disclosure, copying, or distribution of this message, or the taking of any action based on it, is strictly prohibited.

The information contained in and transmitted with this e-mail (including attachments, if any) is considered confidential. It is intended only for the individual or entity designated above. You are hereby notified that any dissemination, distribution, copy or use of or reliance on the information contained in and transmitted with this e-mail by or to anyone other than the recipient designated above by the sender is unauthorized and strictly prohibited. If you have received this e-mail in error, please contact the sender immediately and notify them that you received this in error. Any e-mail erroneously transmitted to you should be immediately destroyed. Thank you for your attention to this note of confidentiality.

1

H.4.9 Gillespie County and Municipality

Kelly George

From: John Culpepper [culpepper@agtx.org]
Sent: Friday, April 01, 2011 11:35 AM
To: 'John Culpepper'; Kelly George
Cc: 'Lori Seewald'; 'HLS'; 'Adrienne Cohen'
Subject: AACOG Regional Hazard Mitigation Plan Update - Fredericksburg / Gillespie County
Attachments: Public Meeting Notices.pdf; Public Meeting Sign In Sheet.pdf; Public Meeting Agenda.pdf

Kelly,

Gillespie County and the City of Fredericksburg had our public meeting on 31 March 2011. I have attached copies of our Public Meeting Notices, our Public Meeting Sign In Sheet and the Agenda for our Public Meeting. The following is a summary of the Public Meeting Discussions. Request the changes identified below be incorporated into the plan.

The City of Fredericksburg and Gillespie County Hazard Mitigation Committee held a public meeting to discuss the Alamo Area Council of Governments Regional Hazard Mitigation Plan. The plan was made available to the public and Hazard Mitigation Committee members via emails, public notices in the Fredericksburg Standard Radio Post, and through the posting of a Public Notice on the doors of City Hall. The AACOG Regional Hazard Mitigation Plan was reviewed in its entirety with special interest given to the Gillespie County and City of Fredericksburg portions of Annex K and the Mitigation Strategy for both jurisdictions. The plan was approved with the following exceptions.

Table 3.2.8 – 1 Section 3 Page 29 The form of Government for the City of Fredericksburg should be Council – Manager

Law Enforcement and Fire Departments Chart Section 3 Page 23 The address for the Fire Department should be 124 W. Main St.

Table 5.2.1 – 1 Section 5 Page 3 The alternate member for Gillespie should be Lori Seewald Alternate Fredericksburg EMS rather than Frank Stead

Thank you for all your work in developing and producing this plan, your efforts are greatly appreciated.

VR

PUBLIC MEETING NOTICE

TRANSPORTATION/ HAZARD MITIGATION COMMITTEE MEETING
March 31, 2011, 8:00 a.m., City Hall Conference Room
AGENDA

1. Call To Order
2. TXDOT UPDATES—Danny Cronwelge
3. CITY UPDATES—Craig Wallendorf
4. COUNTY UPDATES—Calvin Ramsleben
5. AIRPORT UPDATES—Roger Hansen
6. CYCLE UPDATES – Lisa Nye-Salladin
7. ECONOMIC DEVELOPMENT—Tim Lehmberg
8. EMERGENCY MANAGEMENT Lori Seewald (see notice below)
9. FIRE DEPARTMENTS - Steve Offers
10. COMMENTS FROM THE FLOOR
11. NEXT MEETING—Thursday, April28th, 2010 at 8:00 a.m; Fire Department Training Room
12. Adjourn

The City of Fredericksburg and Gillespie County are in the process of reviewing and commenting on the final draft of the Alamo Area Council of Governments Regional Hazard Mitigation Plan. The plan identifies and documents potential mitigation opportunities within the City of Fredericksburg and Gillespie County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan also identifies projects suitable for future federal funding as it becomes available and addresses past issues caused by natural and human-caused hazards.

We are holding a public meeting of our local hazard mitigation teams, so that we may review and identify corrections or additions to the plan. The plan is available on line for your review at

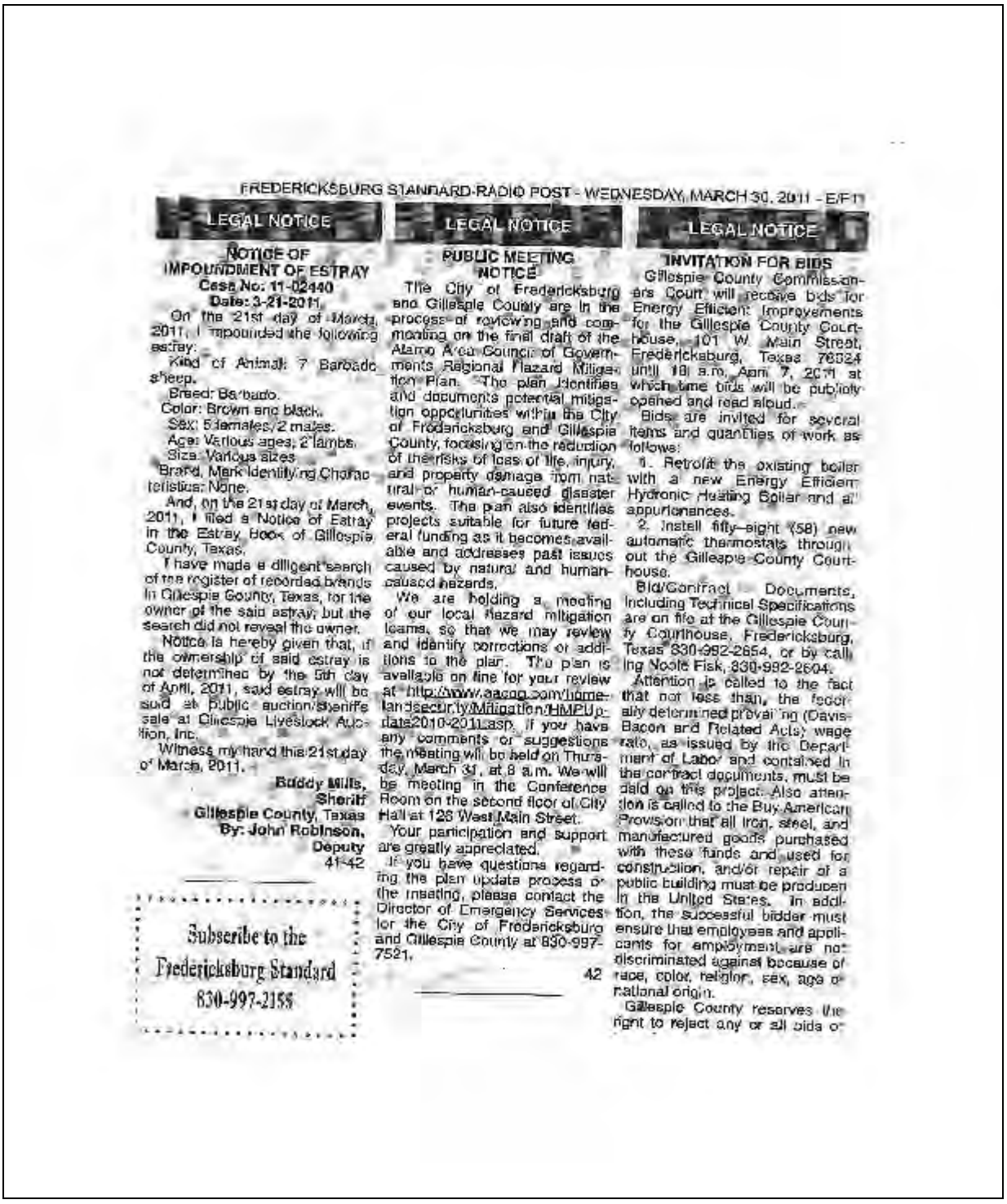
http://www.accog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

Gillespie County and City of Fredericksburg information is contained throughout the plan and as the plan is quite extensive (over 500 Pages with lots of graphics) it can only be accessed on line. Please have any comments or suggestions at the meeting on Thursday, March 31st, at 8:00am. We will be meeting in the Conference Room on the second floor of City Hall.

CERTIFICATE

I certify that the above notice of meeting was posted on the bulletin board at City Hall in Fredericksburg, Texas, on the 25th day of March, 20 11

City Secretary



FREDERICKSBURG STANDARD-RADIO POST - WEDNESDAY, MARCH 30, 2011 - E/F 11

LEGAL NOTICE

NOTICE OF IMPOUNDMENT OF ESTRAY
Case No: 11-02440
Date: 3-21-2011

On the 21st day of March, 2011, I impounded the following estray:

Kind of Animal: 7 Barbado sheep.
Breed: Barbado.
Color: Brown and black.
Sex: 5 females, 2 males.
Age: Various ages, 2 lambs.
Size: Various sizes
Brand, Mark Identifying Characteristics: None.

And, on the 21st day of March, 2011, I filed a Notice of Estray in the Estray Book of Gillespie County, Texas.

I have made a diligent search of the register of recorded brands in Gillespie County, Texas, for the owner of the said estray, but the search did not reveal the owner.

Notice is hereby given that, if the ownership of said estray is not determined by the 5th day of April, 2011, said estray will be sold at public auction/sheriff's sale at Gillespie Livestock Auction, Inc.

Witness my hand this 21st day of March, 2011.

Buddy Mills,
Sheriff
Gillespie County, Texas
By: John Robinson,
Deputy
41-42

Subscribe to the
Fredericksburg Standard
830-997-2155

LEGAL NOTICE

PUBLIC MEETING NOTICE

The City of Fredericksburg and Gillespie County are in the process of reviewing and commenting on the final draft of the Alamo Area Council of Governments Regional Hazard Mitigation Plan. The plan identifies and documents potential mitigation opportunities within the City of Fredericksburg and Gillespie County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan also identifies projects suitable for future federal funding as it becomes available and addresses past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation teams, so that we may review and identify corrections or additions to the plan. The plan is available on line for your review at http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp. If you have any comments or suggestions the meeting will be held on Thursday, March 31, at 8 a.m. We will be meeting in the Conference Room on the second floor of City Hall at 126 West Main Street.

Your participation and support are greatly appreciated.

If you have questions regarding the plan update process or the meeting, please contact the Director of Emergency Services for the City of Fredericksburg and Gillespie County at 830-997-7521.

42

LEGAL NOTICE

INVITATION FOR BIDS

Gillespie County Commissioners Court will receive bids for Energy Efficient Improvements for the Gillespie County Courthouse, 101 W. Main Street, Fredericksburg, Texas 78624 until 10 a.m., April 7, 2011 at which time bids will be publicly opened and read aloud.

Bids are invited for several items and quantities of work as follows:

1. Retrofit the existing boiler with a new Energy Efficient Hydronic Heating Boiler and all appurtenances.

2. Install fifty-eight (58) new automatic thermostats throughout the Gillespie County Courthouse.

Bid/Contract Documents, including Technical Specifications are on file at the Gillespie County Courthouse, Fredericksburg, Texas 830-992-2654, or by calling Nicole Fisk, 830-992-2604.

Attention is called to the fact that not less than, the federally determined prevailing (Davis-Bacon and Related Acts) wage rate, as issued by the Department of Labor and contained in the contract documents, must be paid on this project. Also attention is called to the Buy American Provision that all iron, steel, and manufactured goods purchased with these funds and used for construction, and/or repair of a public building must be produced in the United States. In addition, the successful bidder must ensure that employees and applicants for employment are not discriminated against because of race, color, religion, sex, age or national origin.

Gillespie County reserves the right to reject any or all bids or

From: John Culpepper [mailto:jculpepper@fbgtx.org]
Sent: Thursday, March 24, 2011 4:47 PM
To: 'John Culpepper'; cwallendorf@fbgtx.org; 'Danny Crenwelge'; tjk5ck@ktc.com; paulinecusack@wildblue.net; Roger.h@ctcsc.net; 'Tracy Cleaton'; wbritton@fbgtx.org; 'Steve Olfers'; 'Linda DuPriest'; 'Arno'; 'Horst Woitalla'; 'Tom Colc'; 'Adam & Lisa Salladin'; 'Greg Snelgrove'; 'Todd Willingham'; 'Bob Sagebiel'; edc@fbgtx.org; poostreich@fbgtx.org; smills@gillespiecounty.org; 'Pansy Benedict'; 'Lea Feuge'; deaverdorf@aol.com; jwaston@greenliving@gmail.com; twgroove@austin.rr.com; marylk@ktc.com; brad.hardin@abtexasne.com; director@fbgtx.org; 'Graham Pearson'; 'Bjorn Kirchdorfer'; asaenger@fbgtx.org; thawley@fbgtx.org; bjordan@fbgtx.org; dhons@gillespiecounty.org; 'Lori Seewald'; adodson@fbgtx.org
Subject: FW: Transportation / Hazard Mitigation Meeting, Thursday: 24 February

On behalf of Craig Wallendorf (City of Fredericksburg Hazard Mitigation Coordinator) and Calvin Ransleben (Gillespie County Hazard Mitigation Coordinator) you are invited/reminded to/of the Transportation / Hazard Mitigation Meeting at 8:00 am Thursday, 31 March 2011 in the Fire Department Training room on the second floor of City Hall at 126 West Main Street, Fredericksburg, TX.

TRANSPORTATION/ HAZARD MITIGATION COMMITTEE MEETING
March 31, 2011, 8:00 a.m., City Hall Conference Room
PROPOSED AGENDA

1. Call To Order
2. TXDOT UPDATES Danny Crenwelge
3. CITY UPDATES—Craig Wallendorf
4. COUNTY UPDATES—Calvin Ransleben
5. AIRPORT UPDATES—Roger Hansen
6. CYCLE UPDATES – Lisa Nyc-Salladin
7. ECONOMIC DEVELOPMENT—Tim Lehmberg
8. EMERGENCY MANAGEMENT – Lori Seewald (see notice below)
9. FIRE DEPARTMENTS – Steve Olfers
8. COMMENTS FROM THE FLOOR
9. NEXT MEETING- Thursday, April28th, 2010 at 8:00 a.m; Fire Department Training Room
10. Adjourn

The City of Fredericksburg and Gillespie County are in the process of reviewing and commenting on the final draft of the Alamo Area Council of Governments Regional Hazard Mitigation Plan. The plan identifies and documents potential mitigation opportunities within the City of Fredericksburg and Gillespie County, focusing on the reduction of the risks of loss of life, injury, and property damage from natural or human-caused disaster events. The plan also identifies projects suitable for future federal funding as it becomes available and addresses past issues caused by natural and human-caused hazards.

We are holding a meeting of our local hazard mitigation teams, so that we may review and identify corrections or additions to the plan. The plan is available on line for your review at http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010_2011.asp . Gillespie County and City of Fredericksburg information is contained throughout the plan and as the plan is quite extensive (over 500 Pages with lots of graphics) it can only be accessed on line. Attached are two key portions of the plan for your detailed review. Please have any comments or suggestions at the meeting on Thursday, March 31st at 8:00am. We will be meeting in the Conference Room on the second floor of City Hall at 126 West Main Street.

Your participation and support are greatly appreciated.

If you have questions regarding the plan update process or the meeting, please contact the Director of Emergency Services for the City of Fredericksburg and Gillespie County at 830-997-7521.

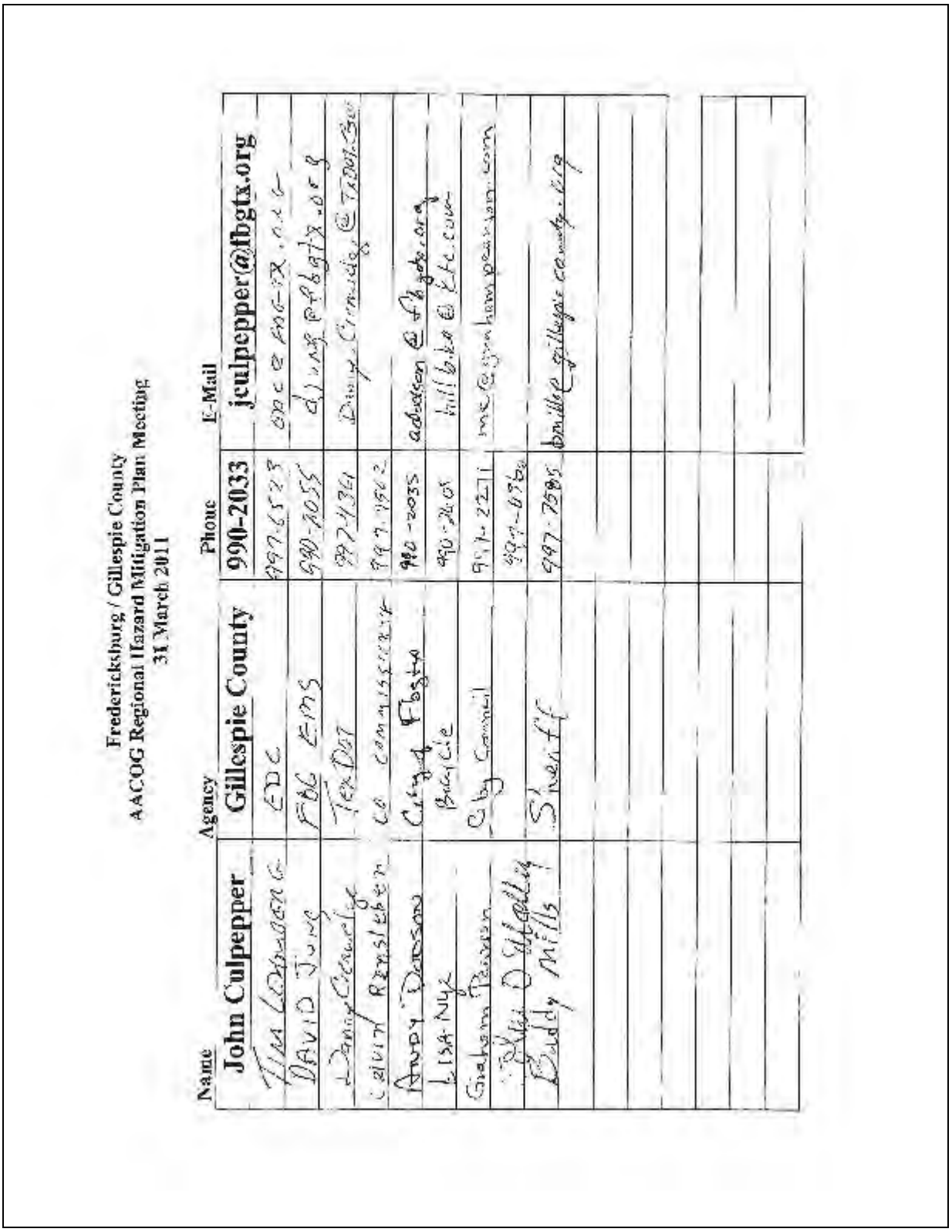
Very Respectfully

John

John C. Culpepper

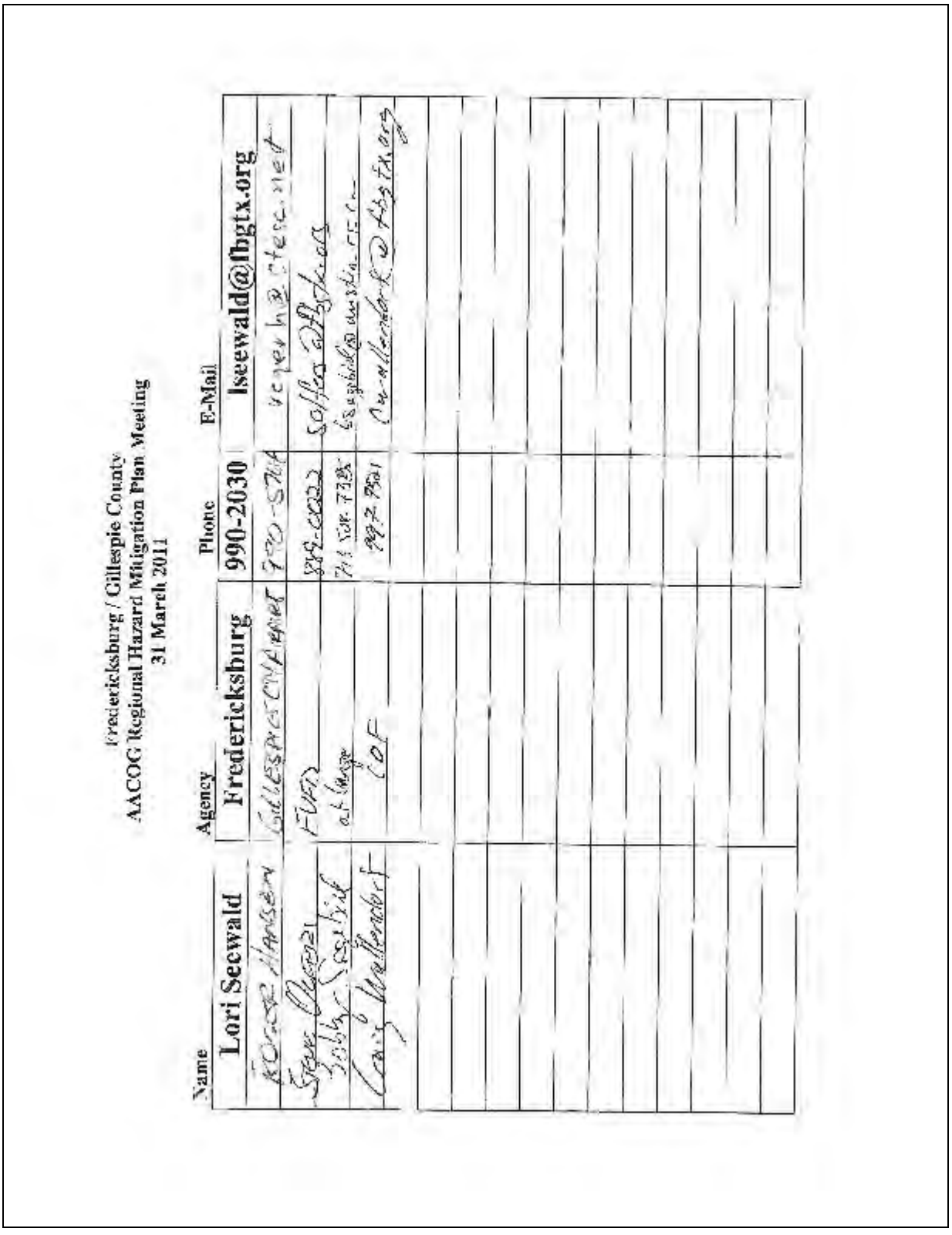
Director of Emergency Services
Fredericksburg and Gillespie County

126 W. Main St. Office: 830-990-3033
Fredericksburg, TX 78624 Cell: 830-889-5801



Fredericksburg / Gillespie County
AACOG Regional Hazard Mitigation Plan Meeting
31 March 2011

Name	Agency	Phone	E-Mail
John Culpepper	Gillespie County	990-2033	jculpepper@fbgtx.org
Tina Lodmell	EDC	997-4573	edc@ego-tx.com
DAVID JUNG	FBG EMS	990-2055	djung@fbgtx.org
Danny Cleveland	Tex DOT	997-4361	Danny.Cleveland@TxDOT.gov
Calvin Ramstetter	co commissioner	997-9542	
Andy Dawson	City of Fbg	990-2035	adawson@fbgtx.org
Lisa Nye	Burg Cle	990-2601	hillbaker@ktc.com
Graham Bowen	City Council	997-2211	mcgowenhomes@hotmail.com
Sylvia D Hadley		997-0586	
Buddy Mills	Sheriff	997-7395	bmills@gillespiecounty.org



Fredericksburg / Gillespie County
AACOG Regional Hazard Mitigation Plan Meeting
31 March 2011

Name	Agency	Phone	E-Mail
Lori Seewald	Fredericksburg	990-2030	lseewald@fbgtx.org
[illegible]	Gillespie County	830-997-9867	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	FVFD	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	COF	[illegible]	[illegible]

TRANSPORTATION/ HAZARD MITIGATION COMMITTEE MEETING
March 31, 2011, 8:00 a.m., City Hall Conference Room
AGENDA

1. Call To Order
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We are holding a public meeting of our local hazard mitigation teams, so that we may review and identify corrections or additions to the plan. The plan is available on line for your review at

http://www.aacog.com/hom/planningsecurity/MitigationHMRHpUpd2010_2011.asp;

Gillespie County and City of Fredericksburg information is contained throughout the plan and as the plan is quite extensive (over 500 Pages with lots of graphics) it can only be accessed on line. Please have any comments or suggestions at the meeting on Thursday, March 31st, at 8:00am. We will be meeting in the Conference Room on the second floor of City Hall.

H.4.9 Guadalupe County

Kelly George

From: Miki Townsend [miki.townsend@co.guadalupe.tx.us]
Sent: Tuesday, April 05, 2011 11:39 AM
To: Kelly George
Cc: his@aacog.com
Subject: Aacog Regional M.A.P. Update
Attachments: Public Announcement of MAP Review.jpg

Hi Kelly!

Just read your latest request for the AACOG M.A.P. I apologize for the delay but I have been out with a back injury. We did not receive any comments from the public and no changes were made by our mitigation team. Attached is a copy of the announcement. Thanks for all your work!

Miki Townsend

Guadalupe County

Office of Emergency Management

415 E. Donegan St.

Seguin, TX 78155

(830) 303-9702-P

(830) 401-0998-F

miki.townsend@co.guadalupe.tx.us

We are Twittering! *Follow us on Twitter for important information on critical situations such as flooding, tornados, hail, and wildfires as well as updates on the status of the burn ban, the progress of H1N1, and similar items.* **http://twitter.com/GuadalupeOEM**

The information contained in and transmitted with this e-mail (including attachments, if any) is considered confidential. It is intended only for the individual or entity designated above. You are hereby notified that any dissemination, distribution, copying or use of or reliance on the information contained in and transmitted with this e-mail by or to anyone other than the recipient designated above by the sender is unauthorized and strictly prohibited. If you have received this e-mail in error,

1

Daniel Kinsey * 060323
Guadalupe County Emergency Management Coordinator
415 East Donegan
Seguin, TX 78155
Office: (830) 303-8856
Fax: (830) 401-0998
Email: DKinsey@co.guadalupe.tx.us

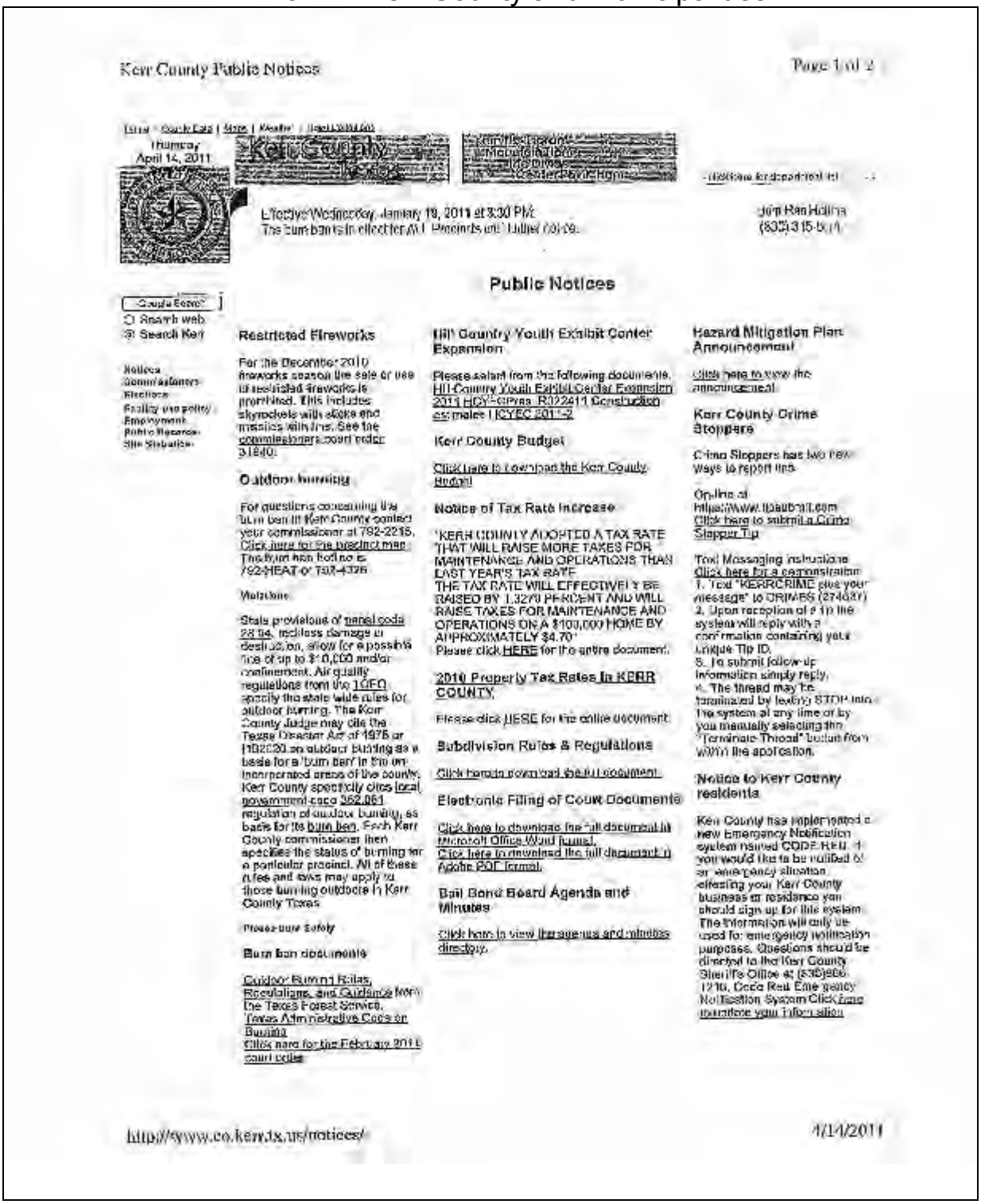
Guadalupe County invites the public to review and comment on the 2010/2011 Regional Mitigation Action Plan. A draft of the plan can be accessed at:

http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

You may also review the draft at the Guadalupe County Office of Emergency Management, 415 E. Donegan St., Seguin, Texas, Monday to Friday, 9:00 a.m. to 4:00 p.m. Please call in advance: (830) 303-9702.

FILED FOR RECORD
11 MAR 24 PM 3:51
TERESA NIELL
COUNTY CLERK GUADALUPE COUNTY

H.4.10 Kerr County and Municipalities



Kerr County Public Notices

Page 1 of 2

Thursday
April 14, 2011

Effective Wednesday, January 19, 2011 at 8:30 PM
The burn ban is in effect for All Precincts until further notice.

Jon Ran Hollis
(830) 315-9171

Public Notices

Search Kerr
Search web
Search Kerr

Notices
Announcements
Elections
Facility use policy
Employment
Public Records
Site Statistics

Restricted Fireworks

For the December 2010 fireworks season the sale or use of restricted fireworks is prohibited. This includes skyrockets with sticks and missiles with fins. See the commissioners court order 31640.

Outdoor burning

For questions concerning the burn ban in Kerr County contact your commissioner at 792-2215. Click here for the precinct map. The burn ban hotline is 792-HEAT or 797-4328

Violations

State provisions of penal code 28.04, reckless damage or destruction, allow for a possible fine of up to $1,000 and/or confinement. Air quality regulations from the TCEQ specify the state wide rules for outdoor burning. The Kerr County Judge may cite the Texas Disaster Act of 1975 or HB2320 as outdoor burning as a basis for a burn ban in the un-incorporated areas of the county. Kerr County specifically cites local government code 352.081 regulation of outdoor burning, as basis for its burn ban. Each Kerr County commissioner then specifies the status of burning for a particular precinct. All of these rules and laws may apply to those burning outdoors in Kerr County Texas

Please burn safely

Burn ban documents

Outdoor Burning Rules, Regulations, and Guidance from the Texas Forest Service.
Texas Administrative Code on Burning
Click here for the February 2011 court order

Hill Country Youth Exhibit Center Expansion

Please select from the following documents. Hill Country Youth Exhibit Center Expansion 2011 HCY-Civpas_R122411 Construction estimate | ICYEC 201 2

Kerr County Budget

Click here to download the Kerr County Budget

Notice of Tax Rate Increase

"KERR COUNTY ADOPTED A TAX RATE THAT WILL RAISE MORE TAXES FOR MAINTENANCE AND OPERATIONS THAN LAST YEAR'S TAX RATE.
THE TAX RATE WILL EFFECTIVELY BE RAISED BY 1.3270 PERCENT AND WILL RAISE TAXES FOR MAINTENANCE AND OPERATIONS ON A $100,000 HOME BY APPROXIMATELY $4.70."
Please click HERE for the entire document.

2010 Property Tax Rates in KERR COUNTY

Please click HERE for the entire document

Subdivision Rules & Regulations

Click here to download the full document

Electronic Filing of Court Documents

Click here to download the full document in Microsoft Office Word format.
Click here to download the full document in Adobe PDF format.

Bail Bond Board Agenda and Minutes

Click here to view the agendas and minutes directory.

Hazard Mitigation Plan Announcement

Click here to view the announcement

Kerr County Crime Stoppers

Crime Stoppers has two new ways to report tips.

Online at https://www.tipsubmit.com
Click here to submit a Crime Stopper Tip

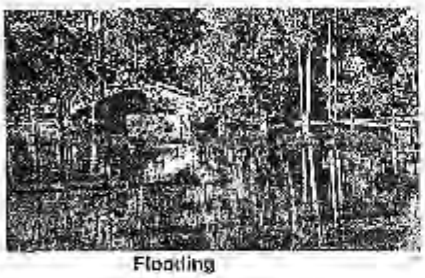
Text Messaging instructions
Click here for a demonstration
1. Text "KERRCRIME plus your message" to CRIMES (274637)
2. Upon reception of a tip the system will reply with a confirmation containing your Unique Tip ID.
3. To submit follow-up information simply reply.
4. The thread may be terminated by texting STOP into The system at any time or by you manually selecting the "Terminate Thread" button from within the application.

Notice to Kerr County residents

Kerr County has implemented a new Emergency Notification system named CODE RED. If you would like to be notified of an emergency situation affecting your Kerr County business or residence you should sign up for this system. The information will only be used for emergency notification purposes. Questions should be directed to the Kerr County Sheriff's Office at (830)896-1210, Code Red Emergency Notification System Click here to register your information

http://www.co.kerr.tx.us/notices/

4/14/2011



Flooding



Tornadoes

Natural disasters cannot be avoided. However, with proper emergency preparedness planning and implementation, their impact can be reduced.

Hazard mitigation is defined as "Any measures undertaken to reduce the risks posed by natural and/or manmade hazards on a place and its population".

Public Review and Comment

The final draft of the 2010 AACOG Regional Hazard Mitigation Plan Update has been completed, and is ready for review and comment.

The development of a hazard mitigation plan is a public process. The Federal Emergency Management Agency (FEMA) requires that the public be provided an opportunity to review and provide comments on the plan while it's in a draft stage.

To help meet this requirement, the Kerrville/Ingram/Kerr County Local Hazard Mitigation Team is asking for your review and input regarding the plan. All comments are welcomed and will be forwarded to the Alamo Area Council of Governments (AACOG) for review.

The final draft documents have been posted on the (AACOG) website, and are available for viewing or download through the following link:

http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

This website page is titled "HOMELAND SECURITY", "HMP Update 2010/2011".

Section 6-HIRA of the plan details the Hazard Identification and Risk Assessment. Section 6 of the Plan Update is posted as 14 separate PDF documents, organized by hazard. Each section is also divided into counties and cities. However, please review any or all of the documents pertaining to the HMP Update 2010/2011 on the AACOG website.

When submitting your comments, please use the AACOG HMP 2010 Public Comment Form (see link below).

AACOG HMP 2010
Update Public Comme

If you live in KERR COUNTY, please e-mail your completed 2010 Public Comment Form to Clay Barton at cbarton@co.kerr.tx.us
or mail to:
Clay Barton, Chief Deputy, 400 Clearwater Paseo,
Kerrville, Texas 78028


Kerrville TX - Official Website
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City Council
Boards & Commissions
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AACOG Regional Hazard Mitigation Plan Update
Latest News
Upcoming Events
http://www.kerrville.org/
4/12/2011

The City of Ingram has had no public comment reference to the Hazard Identification and Risk Assessment that was posted on the City of Ingram website.

I have attached a screen shot of the posting and attached the link.

http://cityofingram.net/



Rowan P. Zachry

Marsha

City of Ingram

226 Hwy 39

Ingram, Texas 78025

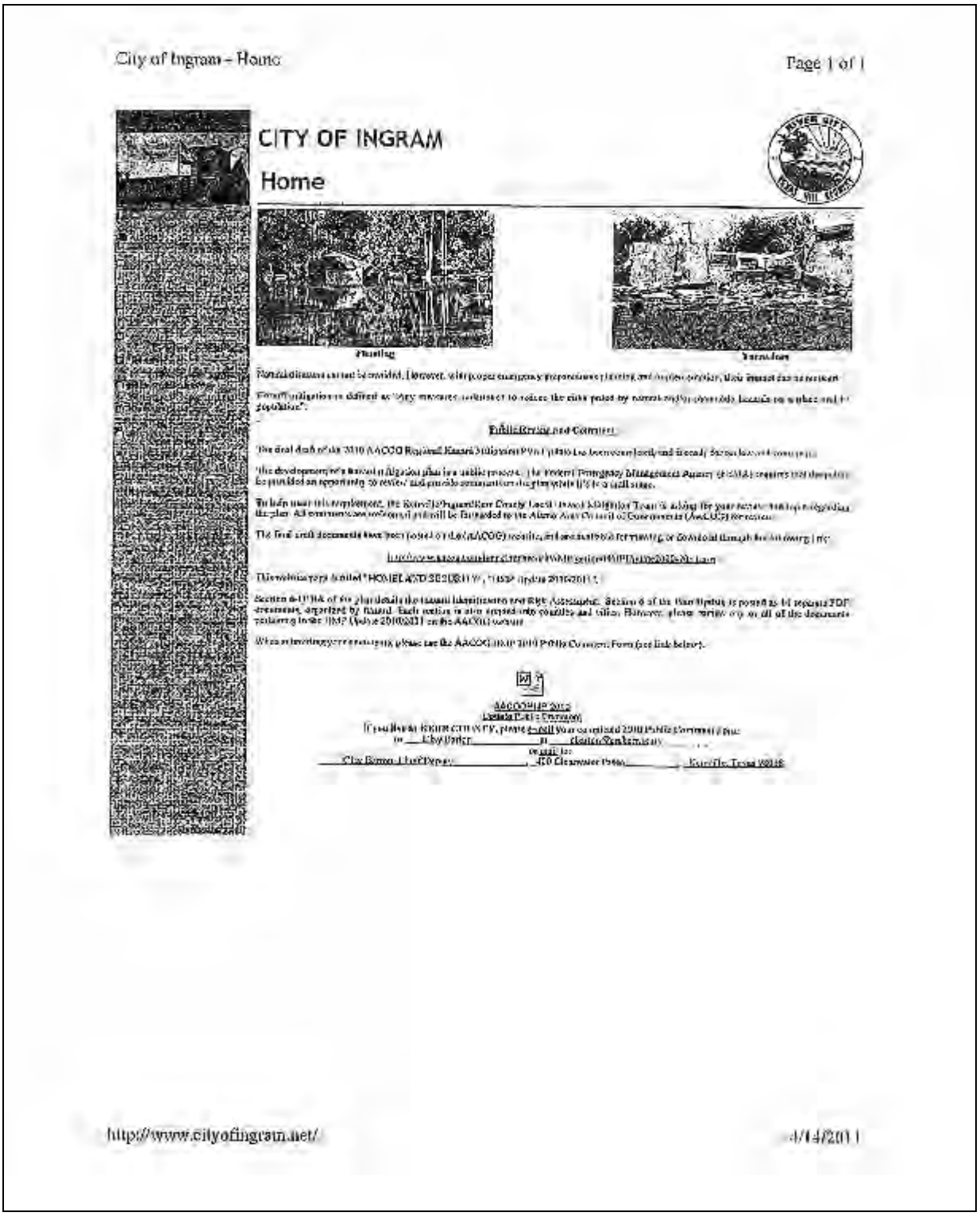
(830) 367-2536

Email: rzachry@ingramtx.com

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CITY OF INGRAM

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http://www.cityofingram.net/

4/14/2011

H.4.11 Medina County – City of Devine

Kelly George

From:	Darrell Rawling [devinecodes@sbcglobal.net]
Sent:	Thursday, March 31, 2011 12:30 PM
To:	Kelly George
Cc:	hls@aacog.com; administrator@cityofdevine.com; dvrdevine@sbcglobal.net; devinepolice@yahoo.com; mgarcia@garciawright.com; devinepw@yahoo.com; mariacodes@sbcglobal.net
Subject:	FW: AACOG Regional Hazard Mitigation Plan Update - Drafts Posted for Review and Comment
Attachments:	Posted Notice-Hazard Mitigation Plan Update.02-11.pdf; AACOG HMP 2010 Update Participant Review and Comment Form.Rawlings.03-11.pdf

Hi Kelly,

Please find the attached Review and Comment Form for the Hazard Mitigation Plan Update and a copy of the Public Notice that was posted at City Hall from 02/23/11 through 03/25/11. A notice was also posted on the City Website www.cityofdevine.com under the "Public Notices" section starting on 02/24/11 and is still currently available on the city website. Please note that there were no citizen comments on the submitted final draft of the plan. If you have any questions or comments, please do not hesitate to contact me.

Thanks,

Darrell Rawlings, CFM
Code Compliance Officer
Floodplain Administrator
City of Devine
303 Teel Dr. S
Devine, TX 78016
Phone: (830) 663 2804
Fax: (830) 663 2208
devinecodes@sbcglobal.net
www.cityofdevine.com

THE CITY OF
Devine
TEXAS

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The Final Draft of the Hazard Mitigation Plan Update

Available for Public Review & Comment until 5:00 pm on March 25, 2011.

A **printed copy** of the final draft is available during normal office hours **at the Devine City Office**, located at 303 Teel Dr. S

The final draft is available **online** by visiting the **Public Notices** section of the City Website (**www.cityofdevine.com**)

Please submit any comments on a form available at the City Office or online at www.cityofdevine.com (Public Notices)

For More Information contact the Code Compliance Department

H.4.12 Wilson County

Kelly George

From: Kelly George
Sent: Tuesday, March 08, 2011 3:02 PM
To: 'leannema@felpsis.net'
Cc: HLS@aacog.com
Subject: RE: Wilson County Public Comment Posting

Thanks, LeAnn!

kg

Kelly George, CFM
830.8[illegible]0.5429

Please consider the environment before printing this email.

From: LeAnn Hosek [mailto:leannema@felpsis.net]
Sent: Monday, March 07, 2011 8:27 AM
To: Kelly George
Cc: HLS@aacog.com
Subject: Wilson County Public Comment Posting

Hello Kelly,

Below are the links to our public comment notice for the Regional MAP. The first link is to the page which indicates the date it was posted and provides the link to click on to read the notice. The second link will take you directly to the actual notice

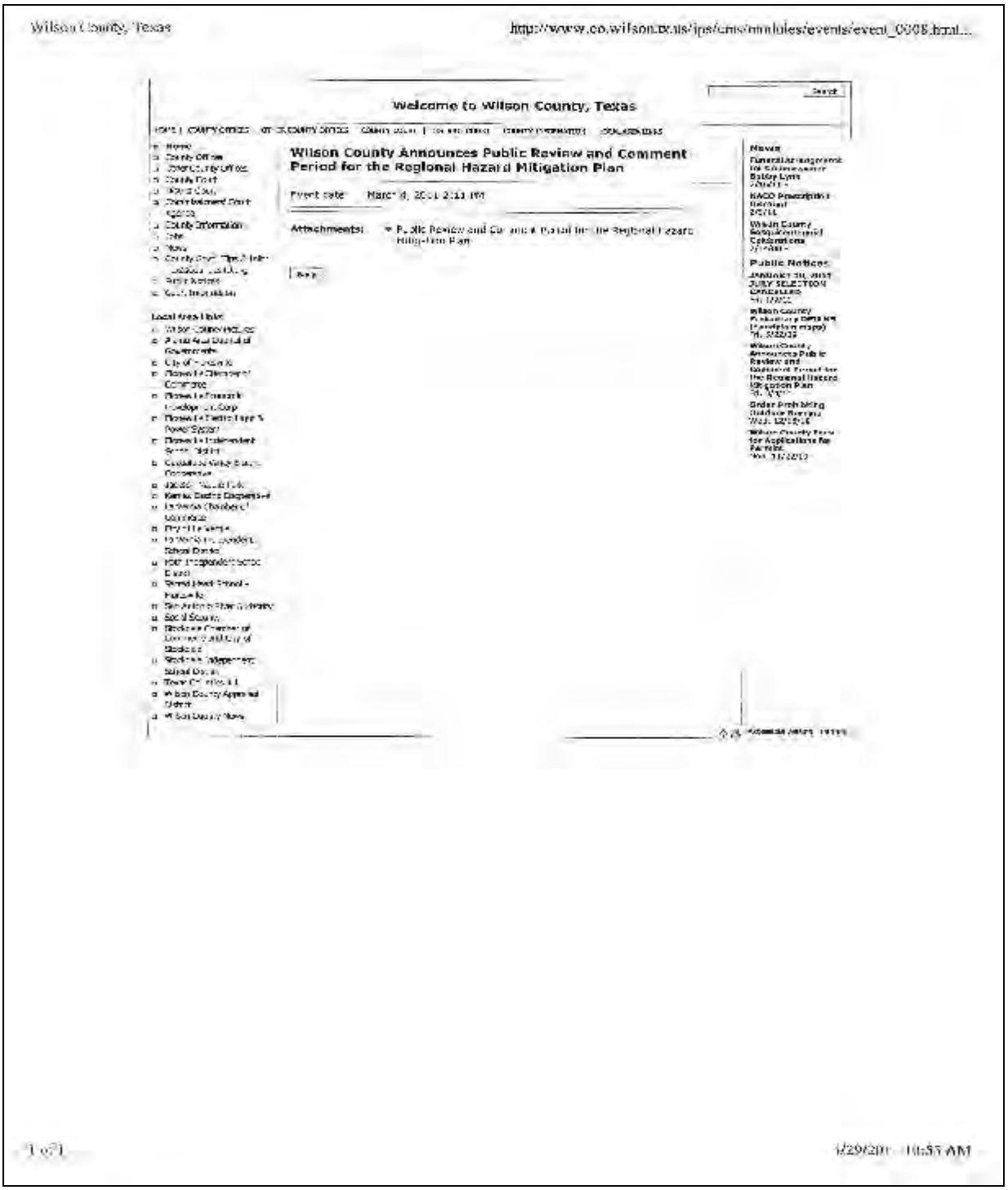
http://www.co.wilson.tx.us/ips/cms/modules/events/event_0008.html?uri=/index.html

http://www.co.wilson.tx.us/ips/export/sites/wilson/downloads/Public_Comment_Announcement_WilsonCo.pdf

LeAnn Hosek, CFM, EMC/911 Coordinator
Wilson County Office of Emergency Management
Courthouse Annex II
800 Tenth St., Bldg. B
Floresville, Texas 78114
phone: 830-393-8351/8357
fax: 830-393-8379
leannema@felpsis.net

The will of God will never take you where the grace of God will not protect you.

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Wilson County, Texas
http://www.co.wilson.tx.us/ips/cms/modules/events/event_0008.html...
Welcome to Wilson County, Texas
Wilson County Announces Public Review and Comment Period for the Regional Hazard Mitigation Plan
Event date:
Attachments:
Public Review and Comment Period for the Regional Hazard Mitigation Plan
Back
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4/29/20 10:55 AM

WILSON COUNTY ANNOUNCES PUBLIC REVIEW AND COMMENT PERIOD FOR THE REGIONAL HAZARD MITIGATION PLAN

Wilson County, TX – Wilson County has completed work on a draft of the regional hazard mitigation plan, and has scheduled a 14 day public comment period for the plan. This plan was made possible through a grant provided by the Federal Emergency Management Agency (FEMA) and administered by the Texas Division of Emergency Management.

The plan is available to the public on the Alamo Area Council of Government's website, and can be accessed through the following link: http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

This comment period will give the public the opportunity to review the draft and make comments regarding the draft plan for County to include in the plan. We are asking that the public take this opportunity to make comments regarding the draft plan. Any comments or suggestions can be emailed to: leannema@felpsis.net.

The plan will be available for public comment until **March 18, 2011**. All comments received by this date will be reviewed and considered.

The primary intent of this project is to identify and document potential hazards, risks, vulnerabilities and projects that are suitable for future federal funding as it becomes available. The projects will be focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. This process includes input from the local hazard mitigation team in Wilson County. Each year, millions of federal hazard mitigation grants dollars are made available to eligible applicants via programs such as the Hazard Mitigation Grant Program (HMGP) and the Pre-Disaster Mitigation Program (PDM). With an approved hazard mitigation plan, the County and the municipalities will be eligible for these competitive grant funds.

H.4.13 Wilson County – City of LaVernia

Kelly George

From: Officer Janet Thelen (Code Enforcement) [jthelen@lavernia-tx.gov]
Sent: Wednesday, March 23, 2011 12:28 PM
To: Kelly George
Cc: hls@aacog.com
Subject: AACOG HMP 2010 Update Participant Review and Comment Form
Attachments: AACOG HMP 2010 Update Participant Review and Comment Form (2).doc; Notice of public review and comment period for the draft of the update AACOG HMP LV News corrected.doc; Public Notice LV News 02_17_11 Public Review Final Draft.pdf; Notice of public review and comment period for the draft of the update AACOG HMP.doc

Kelly,

Please find attached the Participant Review and Comment Form; Notice of Public Review posted at City Hall; Copy of the notice published in the La Vernia News; and language included on the City of La Vernia website.

Website address: www.lavernia-tx.gov

There were no public inquiries or comments received. All staff comments are noted on the AACOG HMP 2010 Update Participant Review and Comment Form. The Public Notices were displayed from February 11, 2011 to present on three public notice boards at city hall.

If additional information is required from us for compliance with the process, please let me know and we will gladly strive to fulfill any missing data.

Have a great day!

Officer Janet Thelen #707
City of La Vernia - Code Enforcement

Office - 830 779-4541 Ext. 6
Metro - 830 253-1198 Ext. 6
Cell - 830 534-5568

NEW EMAIL jthelen@lavernia-tx.gov

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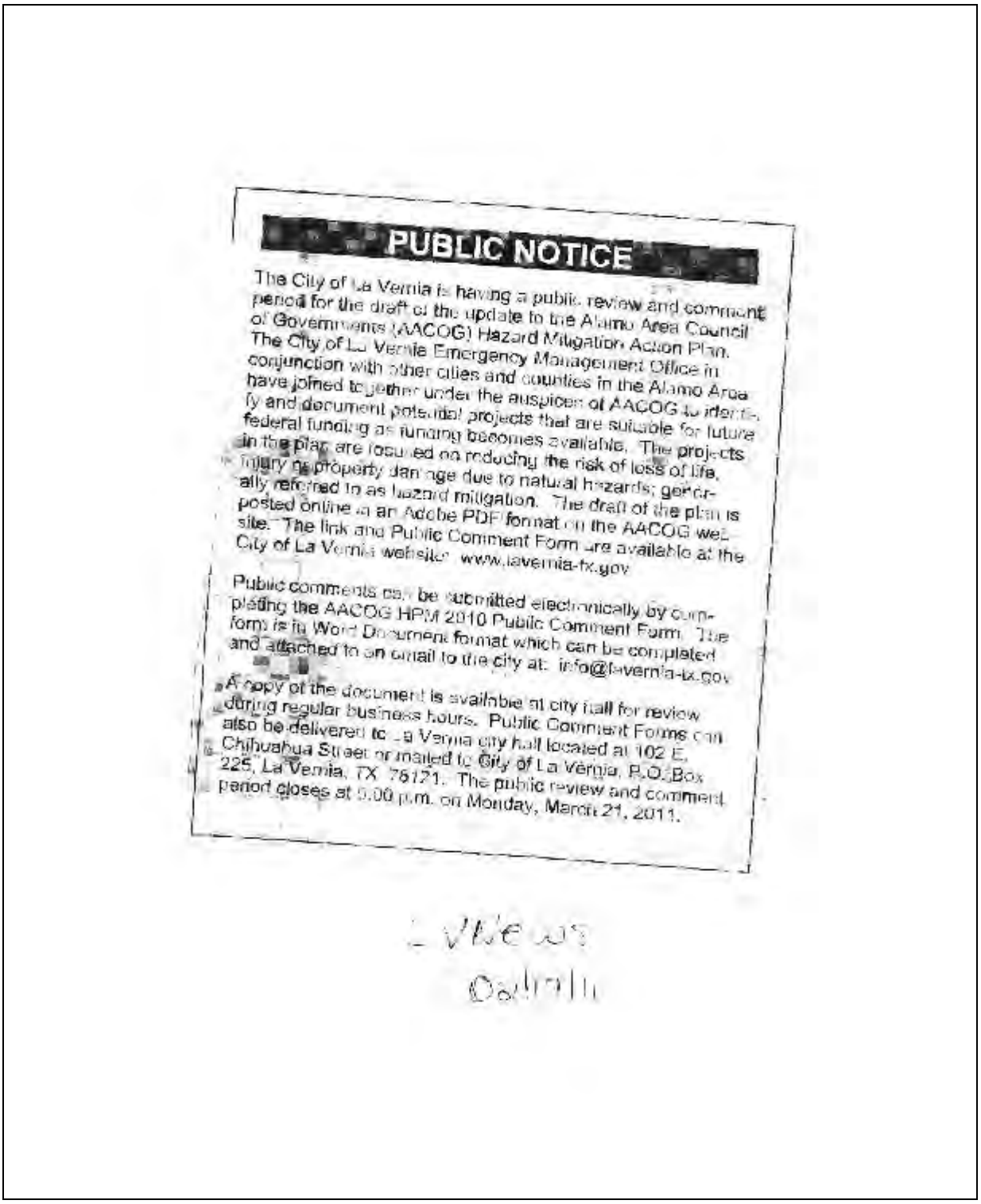
1

Public Notice

The City of La Vernia is having a public review and comment period for the draft of the update to the Alamo Area Council of Governments (AACOG) Hazard Mitigation Action Plan. The City of La Vernia Emergency Management Office in conjunction with other cities and counties in the Alamo Area have joined together under the auspices of AACOG to identify and document potential projects that are suitable for future federal funding as funding becomes available. The projects in the plan are focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. The draft of the plan is posted online in an Adobe PDF format on the AACOG website. The link and Public Comment Form are available at the City of La Vernia website: www.lavernia-tx.gov

Public comments can be submitted electronically by completing the AACOG HPM 2010 Public Comment Form. The form is in Word Document format which can be completed and attached to an email to the city at: info@lavernia-tx.gov

A copy of the document is available at city hall for review during regular business hours. Public Comment Forms can also be delivered to La Vernia city hall located at 102 E. Chihuahua Street or mailed to City of La Vernia, P.O. Box 225, La Vernia, TX 78121. The public review and comment period closes at 5:00 p.m. on Monday, March 21, 2011.



PUBLIC NOTICE

The City of La Vernia is having a public review and comment period for the draft of the update to the Alamo Area Council of Governments (AACOG) Hazard Mitigation Action Plan. The City of La Vernia Emergency Management Office in conjunction with other cities and counties in the Alamo Area have joined together under the auspices of AACOG to identify and document potential projects that are suitable for future federal funding as funding becomes available. The projects in the plan are focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation. The draft of the plan is posted online as an Adobe PDF format on the AACOG website. The link and Public Comment Form are available at the City of La Vernia website: www.lavernia-tx.gov

Public comments can be submitted electronically by completing the AACOG HPM 2010 Public Comment Form. The form is in Word Document format which can be completed and attached to an email to the city at: info@lavernia-tx.gov

A copy of the document is available at city hall for review during regular business hours. Public Comment Forms can also be delivered to La Vernia city hall located at 102 E. Chihuahua Street or mailed to City of La Vernia, P.O. Box 225, La Vernia, TX 78121. The public review and comment period closes at 5:00 p.m. on Monday, March 21, 2011.

La Vernia
Daily

Language posted on the City of La Vernia Website www.lavernia-tx.gov, February 11, 2011.

The City of La Vernia is having a public review and comment period for the draft of the update to the Alamo Area Council of Governments (AACOG) Hazard Mitigation Action Plan. The City of La Vernia Emergency Management Office in conjunction with other cities and counties in the Alamo Area have joined together under the auspices of AACOG to identify and document potential projects that are suitable for future federal funding as funding becomes available. The projects in the plan are focused on reducing the risk of loss of life, injury or property damage due to natural hazards; generally referred to as hazard mitigation.

The draft of the plan is posted online in an Adobe PDF format on the AACOG website. The draft is accessed through this link:

http://www.aacog.com/homelandsecurity/Mitigation/HMPUpdate2010-2011.asp

Each section of the Plan is posted as a separate PDF document. This was done to keep the file size manageable and to make downloading easier.

Public comments can be submitted electronically by completing the AACOG HPM 2010 Public Comment Form. The form is in Word Document format which can be completed and attached to an email. Email the completed comment form to the city at:

info@lavernia-tx.gov

A copy of the document is available at city hall for review during regular business hours. Public Comment Forms can also be delivered to La Vernia city hall located at 102 E. Chihuahua Street or mailed to City of La Vernia, P.O. Box 225, La Vernia, TX 78121.

The public review and comment period closes at 5:00 p.m. on Monday, March 21, 2011.

H.4.14 San Antonio River Authority

Kelly George

From: Reha Cimen [rcimen@sara-tx.org]
Sent: Friday, March 04, 2011 10:33 AM
To: Kelly George
Subject: RE: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

Kelly,
The link to the documents is now in our external web-site (see http://www.sara-tx.org/public_information/regional_hazard_mitigation_plan.php). I plan to remove it on March 1st. When we remove it, it would not have been posted for 30 days but I believe duration (30 days) was optional. Thanks for your help.
R. Cimen

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From: Kelly George [mailto:KGeorge@wittassociates.com]
Sent: Thursday, March 03, 2011 6:05 PM
To: Reha Cimen
Subject: RE: AACOG Regional Hazard Mitigation Plan Update - Review and Comment Period Reminder

Reha –

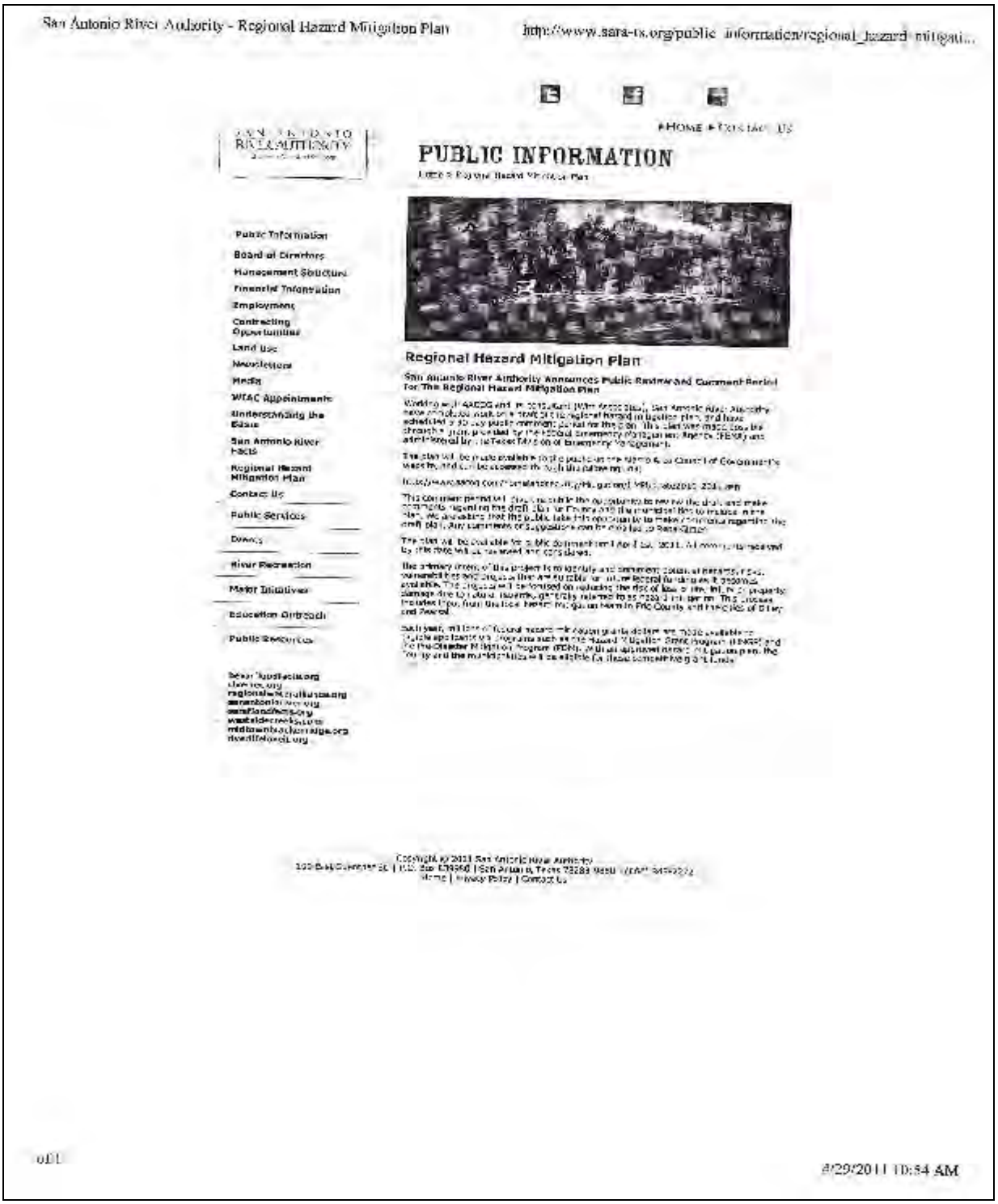
Here's a draft of one I wrote for Frio County – feel free to customize it.

kg

Kelly George, CFM
813.810.5429

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San Antonio River Authority - Regional Hazard Mitigation Plan http://www.sara-tx.org/public_information/regional_hazard_mitigati...

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Public Restrooms

Regional Hazard Mitigation Plan

San Antonio River Authority Announces Public Review and Comment Period for The Regional Hazard Mitigation Plan

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8/29/2011 10:54 AM

H.5 Public Review and Comment Period #2 Documentation

This section contains documentation related to the final public review and comment period, held prior to the adoption of the final plan by each participating jurisdiction.

Note to Reviewers: This information will be added once this activity occurs.

APPENDIX I

Capability Assessment Questionnaire

Contents of this Section

I.1 Capability Assessment Questionnaire

I.1 Capability Assessment Questionnaire

The following questionnaire was distributed to all participants in the Plan Update. The participants were asked to provide the information to the best of their knowledge and ability. The results and analysis of the completed questionnaires is contained in Section 8, Capability Assessment.

I. GENERAL COMMUNITY INFORMATION
Please provide the following information; for B and D, please use the respective worksheets **A.** A narrative description of your community, including historical, demographic, cultural and economic information, along with any unique natural or physical features. **B.** A brief history of hazards in your community; complete worksheet to provide hazard history **C.** A brief description of current or projected development trends in your community. **D.** A general listing of any on-going or completed hazard mitigation project; fill in hazard mitigation project worksheet

II. HAZARD MITIGATION PLANS, POLICIES AND ORDINANCES

Hazard Mitigation Plan	Yes or No?	Narrative / Explanation
Does your jurisdiction receive Emergency Management Performance Grant Funds? Is so, which ones?		
Does your community have a Hazard Mitigation Plan? If yes, when was it adopted? When was the plan last amended?		
Does the plan address all natural hazards found in your community, or is it a single-hazard plan? If it addresses a single hazard, what is the hazard?		
Does the plan address human-caused hazards? Human-caused hazards may include technological accidents and acts of terrorism.		

Hazard Mitigation Plan (continued)	Yes or No?	Narrative / Explanation
Do you believe the plan would meet the requirements established by the Disaster Mitigation Act of 2000? If no, what elements do not meet the new standards?		
Has the plan proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		
Does your community have an established Hazard Mitigation Committee? If so, please provide us with a listing specific outcomes, including plans or projects identified and implemented through the committee.		
Disaster Recovery Plan	**Yes or No?**	**Narrative / Explanation**
Does your community have a Disaster Recovery Plan? If yes, when was it adopted? When was the plan last amended?		
Does the plan address all natural hazards found in your community, or is it a single-hazard plan? If the plan addresses a single hazard, what is the hazard?		
Does the plan address human-caused hazards?		
Has the plan proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		

Coastal Zone Management Plan	Yes or No?	Narrative / Explanation
Does your jurisdiction have a Coastal Zone Management Plan? If yes, when was it adopted? When was the plan last amended?		
Does the plan address natural hazards, including ways to reduce their impact?		
Has the plan proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		
Comprehensive Plan	**Yes or No?**	**Narrative / Explanation**
Does your community have a comprehensive or master plan? If so, does the plan address natural and human-caused hazards? Please briefly explain.		
Has the plan proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		
Does your community have a floodplain management / flood mitigation plan? If yes, when was the plan adopted? When was the plan last amended?		
Does the plan contain provisions for relocating, elevating or acquiring structures currently located in the floodplain?		

Comprehensive Plan (continued)	Yes or No?	Narrative / Explanation
Does the plan include structural measures such as rebuilding or retrofitting flood-prone structures?		
Are specific properties identified and targeted for future flood mitigation projects?		
Does the plan include reference to the "No Adverse Impact" strategy developed by the Association of State Floodplain Managers?		
Are there adequate building sites located outside the floodplain to satisfy development pressures?		
Does the plan include measures to preserve the floodplain's natural functions?		
Floodplain Management Plan	**Yes or No?**	**Narrative / Explanation**
Are floodplain management activities conducted in conjunction with neighboring communities or through a regional governing body?		
Are developers informed of the floodplain management regulations before they subdivide land in the floodplain?		
Does the plan address the location of mobile home parks in the floodplain?		
Has the plan proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		

Stormwater Management Plan	Yes or No?	Narrative / Explanation
Does your community have a stormwater management plan? If yes, when was the plan adopted? When was the plan last amended?		
Is there a regular maintenance schedule for checking and clearing storm water drains and drainage systems and removing debris from streams and watercourses?		
Are existing culverts and other drainage devices sized properly for the amount of water they must carry during peak discharges?		
Are future planned systems adequately designed to meet storm water drainage demands of the community, factoring in increased development that may increase storm water runoff?		
Does the plan call for the provision of structural measures such as retention and detention facilities that minimize the increases in runoff caused by impervious surfaces and new development?		
Are there restrictions on the amount of impervious surfaces?		
Does your community have a storm water management fee? If yes, what are the generated funds used for?		
Has the plan proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		

Emergency Operations Plan	Yes or No?	Narrative / Explanation
Does your community have an Emergency Operations Plan? If yes, when was it adopted? When was the plan last amended?		
Does the plan address natural and human-caused hazards?		
Continuity of Operations Plan	**Yes or No?**	**Narrative / Explanation**
Does your community have a Continuity of Operations Plan? If yes, when was it adopted? When was the plan last amended?		
Does the plan address natural and human-caused hazards?		
Radiological Emergency Plan?	**Yes or No?**	**Narrative / Explanation**
Does your community have a Radiological Emergency Plan? If yes, when was it adopted? When was the plan last amended?		
SARA Title III / Hazardous Material Facility Emergency Response Plan	**Yes or No?**	**Narrative / Explanation**
Does your community have a Hazardous Material Facility Emergency Response Plan? If yes, when was it adopted? When was the plan last amended?		
Does your community actively participate in a Local Emergency Planning Commission (LEPC)?		
Transportation Plan	**Yes or No?**	**Narrative / Explanation**
Does your community have a Transportation Plan? If yes, when was it adopted? When was the plan last amended?		

Transportation Plan (continued)	Yes or No?	Narrative / Explanation
Does your community consider identified hazards when planning for future roads and bridges?		
Do roads, bridges, or undersized culverts impede water flow regularly in your community?		
Does your community have a plan for an emergency evacuation?		
Are roads designed for adequate evacuation capacity?		
Capital Improvements Plan	**Yes or No?**	**Narrative / Explanation**
Does the Capital Improvements Plan restrict the provision or extension of infrastructure into hazard areas?		
Are there site standards requiring the location of critical public facilities outside of hazard areas?		
Are there construction requirements for critical facilities located in hazard areas to ensure they remain operational during and after a hazard event?		
Regional Planning	**Yes or No?**	**Narrative / Explanation**
Does your community participate in regional planning decisions? If yes, please explain.		
Historic Preservation Plan	**Yes or No?**	**Narrative / Explanation**
Does your community have a Historic Preservation Plan? If yes, when was it adopted? When was the plan last amended?		
Does the plan address the protection of historic buildings and sites from natural hazards?		

Zoning Ordinance	Yes or No?	Narrative / Explanation
Does your community have a Zoning Ordinance? If yes, when was it adopted?		
Does the ordinance restrict the type/density of development in identified hazard areas? If so, please briefly explain.		
Do non-conforming use provisions of the zoning ordinance take into account structures that are damaged by hazards?		
Are any non-conforming use or substantial damage provisions strictly enforced following a disaster?		
Does your community maintain adequate technical and field inspection staff for proper administration and enforcement of the zoning ordinance?		
Has the ordinance proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		
Subdivision Ordinance	**Yes or No?**	**Narrative / Explanation**
Does your community have a Subdivision Ordinance? If yes, when was it adopted?		
Does the ordinance place restrictions on the subdivision of land in known hazard areas?		
Must all lots have a buildable site that is outside of delineated hazard zones?		
Does the ordinance establish setback requirements from delineated hazard zones?		

Subdivision Ordinance (continued)	Yes or No?	Narrative / Explanation
Are there provisions for the protection or creation of natural areas, such as wetlands, dunes or natural vegetation as a condition of subdivision approval?		
Has the ordinance proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		
Flood Damage/Management Ordinance	**Yes or No?**	**Narrative / Explanation**
Does your community have a Flood Damage Prevention Ordinance? If yes, when was it adopted?		
Please provide a description of the current inspection and permitting processes for floodplain management?		
Does your Floodplain management team have an administrator?, If so, How many staff members?		
How many flood inspections have been provided in the past twelve months?		
How many variances have been provided in the last twelve months?. Could you please provide list that includes date, address of property, and reasons for allowing the variance?		
Does your ordinance include a freeboard requirement for all new construction in the floodplain? If so, what is the freeboard requirement?		
Does the ordinance include a cumulative substantial damage provision?		

Flood Damage/Management Ordinance (continued)	Yes or No?	Narrative / Explanation
Does the ordinance incorporate any other regulations that exceed National Flood Insurance Program (NFIP) standards? If so, how?		
Has the ordinance proven to be an effective measure for reducing hazard impacts? Please provide an approximate measure of its effectiveness to date (HIGH, MODERATE or LOW) and briefly explain.		
Building Codes, Permitting and Inspections	**Yes or No?**	**Narrative / Explanation**
Has your community adopted a building code? If so, which one?, when was it adopted?		
Does your community diligently enforce the building code, both at the plan approval stage and the site-inspection stage?		
Has your building code been amended? If so, what types?		
Please provide a description of the inspection and permitting processes?		
How many inspectors are used in your jurisdiction?		
Is your inspections department adequately staffed and trained to enforce the building code?		
Are the same rules and practices applied during routine permitting procedures and following a disaster? If they are different, how do they differ?		
Does your community have a temporary building moratorium to put in place following a disaster to stop or slow reconstruction pending a damage assessment?		

Building Codes, Permitting and Inspections (continued)	Yes or No?	Narrative / Explanation
Has your community had a Building Code Effectiveness Grading Schedule (BCEGS) report performed by the Insurance Services Office, Inc.? If so, what score was received?		
III. ENVIRONMENTAL PROTECTION MEASURES		
Conservation and Natural Resource Protection	**Yes or No?**	**Narrative / Explanation**
Does your community have a riparian or wetlands preservation program? If yes, does the program provide funding for the acquisition and restoration of sensitive habitat areas?		
Do you maintain provisions for protecting natural riparian cover located within a specific distance of a stream or river?		
Park, Greenways and Open Space	**Yes or No?**	**Narrative / Explanation**
Does your community have a program to acquire available land for public recreational use?		
Does your community form partnerships with non-governmental organizations to acquire or otherwise protect hazardous areas? If so, please explain.		
Does your community have an open space or forestry management plan? If so, does the plan address natural hazards (i.e., fire breaks, clearing brush, staging controlled burns, etc.)?		
IV. BUSINESS AND INDUSTRY MEASURES		

Private Sector Mitigation	Yes or No?	Narrative / Explanation
Has the community established any public-private partnership initiatives to address disaster-related issues? If so, please briefly explain.		
Does the community provide training or outreach efforts aimed at educating businesses to prepare for disaster (i.e., structural mitigation measures, insurance coverage, etc.)?		
Does the community provide training for local businesses to develop continuity plans to prepare for disaster?		
V. TECHNICAL, FISCAL, ADMINISTRATIVE AND POLITICAL CAPABILITIES		
Technical Capability	**Yes or No?**	**Narrative / Explanation**
Does your community maintain or have access to detailed historical information related to past disasters?		
Does your community maintain or have access to detailed documentation of actions taken to reduce future hazard impacts?		
Does your community maintain a Geographic Information System (GIS)?		
Does your community possess GIS data layers on identified hazards? If so, what type of hazards?		
Does your community use GIS to analyze hazard vulnerability?		
Does your community use FEMA's Hazards US (HAZUS) software? If yes, how is it used?		
Does your community maintain adequately trained staff to manage the GIS?		

Technical Capability (continued)	Yes or No?	Narrative / Explanation
How would you classify your community's overall technical capability to implement hazard mitigation strategies (HIGH, MODERATE or LOW).		
Fiscal Capability	**Yes or No?**	**Narrative / Explanation**
Does your community dedicate any local funds to address mitigation-related activities? If yes, please describe.		
How would you classify your community's overall fiscal capability to implement hazard mitigation strategies (HIGH, MODERATE or LOW).		
Administrative Capability	**Yes or No?**	**Narrative / Explanation**
Are mitigation-related activities assigned to a local department's)? If so, which one(s)?		
Is there a high level of intergovernmental cooperation among local departments? Please describe the potential level of cooperation in the context of mitigation-related programs.		
Does your jurisdiction participate in a local emergency management mutual aid program? If yes, has the mutual aid program been used to address mitigation or disaster recovery related issues? Please explain.		
How would you classify your community's overall administrative capability to implement hazard mitigation strategies (HIGH, MODERATE or LOW).		
Political Capability	**Yes or No?**	**Narrative / Explanation**
For cities, is your city a "home rule" or "general law" city under the Texas Government Code?		
For cities, what type of governing body do you have?		

Political Capability (continued)	Yes or No?	Narrative / Explanation
Political capability can be generally measured by the degree to which political leadership is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with opposition. Examples may include guiding development away from identified hazard areas or participating in FEMA's *Project Impact* initiative. Please identify specific examples of these efforts and reference where more documentation can be found.		

Qualitative Risk Assessment Results by Jurisdiction

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J.1 Summary of Qualitative Risk Assessment Results

The following table displays the summary results of the qualitative risk assessment completed by the participating jurisdictions.

Jurisdiction	Flood (Flash and Riverine)	Dam and Levee Failure	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought/Extreme Heat	Hail	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
Atascosa County	**H**	**L**	**H**	**H**	**H**	**H**	**M**	**H**	**M**	**H**	**H**	**H**	**H**	**H**
City of Charlotte	H	L	H	H	H	H	M	H	M	H	H	H	H	H
City of Christine	H	L	H	H	H	H	M	H	M	H	H	H	H	H
City of Jourdanton	H	L	H	H	H	H	M	H	M	H	H	H	H	H
City of Lytle	H	L	H	H	H	H	M	H	M	H	H	H	H	H
City of Pleasanton	H	L	H	H	H	H	M	H	M	H	H	H	H	H
City of Poteet	H	L	H	H	H	H	M	H	M	H	H	H	H	H
Bandera County	**H**	**L**	**H**	**M**	**M**	**H**	**L**	**H**	**L**	**L**	**H**	**H**	**H**	**L**
City of Bandera	H	L	H	M	M	H	L	H	L	L	H	H	H	L
Bexar County	**H**	**H**	**H**	**M**	**M**	**H**	**M**	**H**	**M**	**L**	**L**	**M**	**H**	**M**
City of Alamo Heights	H	L	M	M	H	H	M	L	L	L	L	L	M	M
City of Balcones Heights	M	L	M	M	M	M	M	L	L	L	L	L	M	L
City of Converse	M	L	M	M	H	M	M	M	M	L	H	H	H	H
City of Helotes	H	M	M	M	H	H	M	H	L	L	M	M	M	H
City of Kirby	M	L	H	L	H	H	M	L	L	L	H	H	M	H
City of Leon Valley	H	H	H	M	M	H	M	H	M	L	L	M	H	M
City of Live Oak	L	L	H	M	H	H	M	L	L	L	L	H	L	M
City of San Antonio	H	M	M	H	M	M	M	M	M	M	H	H	H	H
City of St. Hedwig	M	L	M	M	M	M	L	M	L	L	L	L	L	L
City of Somerset	H	L	M	L	H	H	H	H	L	L	M	M	M	L
City of Terrell Hills	H	L	M	M	M	M	M	L	M	L	M	L	M	H
City of Universal City	M	L	H	M	H	H	M	M	M	L	M	H	L	L
City of Von Ormy	H	M	H	M	M	M	H		M	L	L	H	H	M
City of Windcrest	M	L	M	M	H	H	M	L	L	L	L	M	L	M
Comal County	**H**	**L**	**L**	**H**	**H**	**H**	**M**	**H**	**M**	**L**	**L**	**L**	**L**	**L**
City of Garden Ridge	H	L	L	H	H	H	M	H	M	L	L	L	L	L
City of Bulverde	H	L	L	H	H	H	M	H	M	L	L	L	L	L
City of New Braunfels	H	L	L	H	H	H	M	H	M	L	L	L	L	L

Jurisdiction	Flood (Flash and Riverine)	Dam and Levee Failure	Tornado	Tropical Storms and Hurricanes	Severe Thunderstorms	Drought/Extreme Heat	Hail	Wildfire	Winter Storms and Freezes	Geologic Hazards: Earthquakes and Sinkholes	Energy Pipelines	Hazardous Materials (Fixed and Transport)	Pandemic (Human and Animal)	Terrorism
Frio County	**H**	**M**	**M**	**M**	**H**	**H**	**M**	**M**	**L**	**L**	**L**	**M**	**M**	**L**
City of Dilley	M	L	H	H	H	H	M	M	M	L	L	M	L	L
City of Pearsall	M	M	H	H	H	H	M	M	M	H	M	H	H	M
Gillespie County	**H**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**L**	**L**	**M**	**M**	**M**	**L**
City of Fredericksburg	M	L	H	L	M	M	M	L	L	L	L	M	M	L
Guadalupe County	**H**	**M**	**M**	**M**	**H**	**H**	**M**	**H**	**M**	**L**	**M**	**H**	**M**	**M**
City of New Berlin	H	H	M	H	H	H	M	H	M	L	H	H	M	M
City of Schertz	H	L	L	M	H	H	M	H	L	L	L	H	M	M
City of Seguin	H	H	M	H	H	H	M	H	M	L	H	H	M	M
Karnes County	**M**	**L**	**H**	**M**	**M**	**M**	**L**	**L**	**L**	**L**	**M**	**H**	**L**	**L**
City of Karnes	M	L	M	H	M	H	M	H	L	L	M	H	L	
City of Kenedy	H	M	M	H	M	L	L	L	M	L	M	H	M	
City of Runge	M	L	M	H	M	H	M	H	L	L	M	H	L	
City of Falls City	M	L	M	H	M	H	M	H	L	L	M	H	L	
Kerr County	**H**	**M**	**H**	**H**	**H**	**H**	**M**	**M**	**M**	**L**	**L**	**M**	**M**	**H**
City of Ingram	H	M	H	H	H	M	M	H	M	L	L	M	M	H
City of Kerrville	H	M	H	H	H	H	M	M	L	L	L	M	M	H
Medina County	**H**	**L**	**M**	**M**	**H**	**H**	**H**	**M**	**L**	**L**	**L**	**H**	**M**	**L**
City of Castroville	H	L	M	M	H	H	H	M	L	L	L	H	M	L
City of Devine	H	M	M	M	M	M	M	M	L	L	H	H	M	M
City of Hondo	H	L	M	M	H	H	H	M	L	L	L	H	M	L
City of Natalia	H	L	M	M	H	H	H	M	L	L	L	H	M	L
Wilson County	**M**	**L**	**H**	**H**	**H**	**H**	**M**	**L**	**L**	**L**	**M**	**M**	**H**	**L**
City Of Floresville	H													M
City of La Vernia	H	L	L	M	M	H	M	L	L	L	L	L	L	L
City of Stockdale	M	M	H	H	L	M	M	L	L	L	L	M	M	L
San Antonio River Authority	**H**	**H**	**M**	**M**	**M**	**M**	**M**	**L**	**L**	**L**	**L**	**M**	**M**	**H**

J.2 Qualitative Risk Assessment Results by Jurisdiction

This section displays the individual jurisdictions results of the qualitative risk assessment.

J.2.1 Atascosa County and Municipalities

This table contains the qualitative risk assessment results for Atascosa County and the Cities of Charlotte, Christine, Jourdanton, Lytle, Pleasanton, and Poteet.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	High
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	High
Terrorism	High

J.2.2 Bandera County and Municipality

This table contains the qualitative risk assessment results for Bandera County and the City of Bandera.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	High
Hail	Low
Wildfire	High
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	High
Terrorism	Low

J.2.3 Bexar County

This table contains the qualitative risk assessment results for Bexar County.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	High
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	High
Terrorism	Moderate

J.2.4 City of Alamo Heights (Bexar County)

This table contains the qualitative risk assessment results for the City of Alamo Heights.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Low
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.5 City of Balcones Heights (Bexar County)

This table contains the qualitative risk assessment results for the City of Balcones Heights.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Low
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Low
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.6 City of Converse Heights (Bexar County)

This table contains the qualitative risk assessment results for the City of Converse.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	Moderate
Hail	Moderate
Wildfire	Moderate
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	High
Terrorism	High

J.2.7 City of Helotes (Bexar County)

This table contains the qualitative risk assessment results for the City of Helotes.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	High

J.2.8 City of Kirby (Bexar County)

This table contains the qualitative risk assessment results for the City of Kirby.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	Low
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	High

J.2.9 City of Leon Valley (Bexar County)

This table contains the qualitative risk assessment results for the City of Leon Valley.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	High
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	High
Terrorism	Moderate

J.2.10 City of Live Oak (Bexar County)

This table contains the qualitative risk assessment results for the City of Live Oak.

Hazard	Ranking
Flooding (Flash and Riverine)	Low
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Low
Terrorism	Moderate

J.2.11 City of San Antonio (Bexar County)

This table contains the qualitative risk assessment results for the City of Live Oak.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Moderate
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	High

J.2.12 City of St. Hedwig (Bexar County)

This table contains the qualitative risk assessment results for the City of St. Hedwig.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Low
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Low
Pandemic (Human and Animal)	Low
Terrorism	Low

J.2.13 City of Somerset (Bexar County)

This table contains the qualitative risk assessment results for the City of Somerset.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Low
Thunderstorms	High
Drought	High
Hail	High
Wildfire	High
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	Low

J.2.14 City of Terrell Hills (Bexar County)

This table contains the qualitative risk assessment results for the City of Terrell Hills.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Moderate
Wildfire	Low
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	Low
Pandemic (Human and Animal)	Moderate
Terrorism	High

J.2.15 City of Universal City (Bexar County)

This table contains the qualitative risk assessment results for the City of Universal City.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Moderate
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Low
Terrorism	Low

J.2.16 City of Von Ormy (Bexar County)

This table contains the qualitative risk assessment results for the City of Von Ormy.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Hail
Wildfire	
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	High
Terrorism	Moderate

J.2.17 City of Windcrest (Bexar County)

This table contains the qualitative risk assessment results for the City of Windcrest.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Low
Terrorism	Moderate

J.2.18 Comal County and Municipalities

This table contains the qualitative risk assessment results for Bandera County and the Cities of Garden Ridge, Bulverde, New Braunfels.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Low
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Low
Pandemic (Human and Animal)	Low
Terrorism	Low

J.2.19 Frio County

This table contains the qualitative risk assessment results for Frio County.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	Low

J.2.20 City of Dilley (Frio County)

This table contains the qualitative risk assessment results for City of Dilley.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Moderate
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Low
Terrorism	Low

J.2.21 City of Pearsall (Frio County)

This table contains the qualitative risk assessment results for City of Pearsall.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Moderate
Tornado	High
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Moderate
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Moderate
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	High
Terrorism	Moderate

J.2.22 Gillespie County

This table contains the qualitative risk assessment results for Gillespie County.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	High
Tropical Systems and Hurricanes	Low
Thunderstorms	Moderate
Drought	High
Hail	Low
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	Low

J.2.23 City of Fredericksburg (Gillespie County)

This table contains the qualitative risk assessment results for the City of Fredericksburg.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	Low
Thunderstorms	Moderate
Drought	Moderate
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	Low

J.2.24 Guadalupe County

This table contains the qualitative risk assessment results for Guadalupe County.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.25 City of New Berlin (Guadalupe County)

This table contains the qualitative risk assessment results for the City of New Berlin.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	High
Tornado	Moderate
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.26 City of Schertz (Guadalupe County)

This table contains the qualitative risk assessment results for the City of Schertz.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Low
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.27 City of Seguin (Guadalupe County)

This table contains the qualitative risk assessment results for the City of Seguin.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	High
Tornado	Moderate
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.28 Karnes County and Municipalities

This table contains the qualitative risk assessment results for Karnes County and the Cities of Karnes, Runge, and Falls City.

The result for Terrorism applies to Karnes County only. No municipalities provided a ranking for this hazard.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Low
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Low
Terrorism	Low

J.2.29 City of Kenedy (Karnes County)

This table contains the qualitative risk assessment results for the City of Kenedy.

No ranking was provided for the terrorism hazard.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	High
Thunderstorms	Moderate
Drought	Low
Hail	Low
Wildfire	Low
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	

J.2.30 Kerr County and the City of Kerrville

This table contains the qualitative risk assessment results for Kerr County and the City of Kerrville.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	High
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	High

J.2.31 City of Ingram (Kerr County)

This table contains the qualitative risk assessment results for the City of Ingram.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Low
Hail	Low
Wildfire	High
Winter Storms	Moderate
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	High

J.2.32 Medina County and Municipalities

This table contains the qualitative risk assessment results for Medina County and the Cities of Castroville, Hondo and Natalia.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	High
Drought	High
Hail	High
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	Low

J.2.33 City of Devine (Medina County)

This table contains the qualitative risk assessment results for The City of Devine.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Moderate
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Moderate
Wildfire	Moderate
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	High
Hazardous Materials Incidents (Transportation and Fixed Site)	High
Pandemic (Human and Animal)	Moderate
Terrorism	Moderate

J.2.34 Wilson County

This table contains the qualitative risk assessment results for Wilson County.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Low
Tornado	High
Tropical Systems and Hurricanes	High
Thunderstorms	High
Drought	High
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Moderate
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	High
Terrorism	Low

J.2.35 City of Floresville (Wilson County)

This table contains the qualitative risk assessment results for the City of Floresville. Note that this is the only response provided.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	
Tornado	
Tropical Systems and Hurricanes	
Thunderstorms	
Drought	
Hail	
Wildfire	
Winter Storms	
Geologic Hazards: Earthquakes and Sinkholes	
Energy Pipeline Failures	
Hazardous Materials Incidents (Transportation and Fixed Site)	
Pandemic (Human and Animal)	
Terrorism	Moderate

J.2.36 City of La Vernia (Wilson County)

This table contains the qualitative risk assessment results for the City of La Vernia.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	Low
Tornado	Low
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	High
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Low
Pandemic (Human and Animal)	Low
Terrorism	Low

J.2.37 City of Stockdale (Wilson County)

This table contains the qualitative risk assessment results for the City of Stockdale.

Hazard	Ranking
Flooding (Flash and Riverine)	Moderate
Dam and Levee Failure	Moderate
Tornado	High
Tropical Systems and Hurricanes	High
Thunderstorms	Low
Drought	Moderate
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	Low

J.2.38 San Antonio River Authority

This table contains the qualitative risk assessment results for the San Antonio River Authority.

Hazard	Ranking
Flooding (Flash and Riverine)	High
Dam and Levee Failure	High
Tornado	Moderate
Tropical Systems and Hurricanes	Moderate
Thunderstorms	Moderate
Drought	Moderate
Hail	Moderate
Wildfire	Low
Winter Storms	Low
Geologic Hazards: Earthquakes and Sinkholes	Low
Energy Pipeline Failures	Low
Hazardous Materials Incidents (Transportation and Fixed Site)	Moderate
Pandemic (Human and Animal)	Moderate
Terrorism	High

APPENDIX K

Dam Data Tables

Contents of this Section

K.1 Dam Location, Capacity and Potential Acreage of Inundation Information
K.2 Information by County from National Inventory of Dams

K.1 Dam Information

The following table displays location details of the high hazard potential dams located within the participating jurisdictions. Where information was available, also displayed is information regarding the normal storage capacity of the dam (in acre feet and gallons), and the potential number of downstream or lower elevation acres that could be inundated, based on the normal storage capacity.

As discussed in Section 6.5.2, flood inundation maps are required for the Emergency Action Plans that are now required for all high and significant hazard dams in the State of Texas. However, this requirement is relatively recent, so the State Agency responsible for enforcement does not yet have the required maps, and likely won't for several years – TDEM currently estimates 2013. The data that the agency does have is part of the agency's "confidential, permanent records", as dictated by the legislation that requires the EAPs, and is not available for use by or for the public.

The State of Texas outlines a strategy in the 2010 State Hazard Mitigation Plan Update that would aid local jurisdictions in obtaining flood inundation area data for their specific jurisdiction. A mitigation action has been added to this Plan Update for each participating jurisdiction that would guide the participants towards applying for this potential funding and technical assistance from the State.

Note: Capacity information was obtained from the National Inventory of Dams (NID) in June 2011. One (1) acre foot equals 325,851 gallons.

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Atascosa	74 Ranch Dam Number 1	240	28.720261	-98.390291	12	154	50,181,054	154
Atascosa	74 Ranch Dam Number 2	279	28.655263	-98.395291	10	80	26,068,080	80
Atascosa	74 Ranch Dam Number 3	240	28.74526	-98.363624	13	208	67,777,008	208
Atascosa	74 Ranch Dam Number 4	240	28.723594	-98.36029	15	162	52,787,862	162
Atascosa	Big Lake Dam	276	28.763592	-98.351957	22	352	114,699,552	352
Atascosa	Bonita Dam	390	28.946917	-98.523628	20	320	104,272,320	320
Atascosa	Ernst Dam	367	28.73526	-98.55363	12	106	34,540,206	106
Atascosa	Erwin Dam	322	28.670262	-98.641966	14	174	56,698,074	174
Atascosa	Fairview Farms Dam	367	28.985249	-98.378624	14	120	39,102,120	120
Atascosa	Heinen Dam	381	28.976917	-98.35529	16	179	58,327,329	179
Atascosa	Hindes Dam	381	28.700261	-98.683634	15	90	29,326,590	90
Atascosa	House Dam Number 1	328	28.656929	-98.590297	8	58	18,899,358	58
Atascosa	House Dam Number 2	335	28.655263	-98.576964	12	77	25,090,527	77
Atascosa	Lazy JP Ranch Dam	328	28.89192	-98.280288	10	88	28,674,888	88
Atascosa	Marshall Dam	449	28.801923	-98.636966	22	612	199,420,812	612
Atascosa	McLerran Dam	335	28.798591	-98.491961	16	256	83,417,856	256
Atascosa	Palmer Ranch Lake Dam	381	28.943584	-98.510295	13	681	221,904,531	681

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Atascosa	Peeler Dam	292	28.700262	-98.483628	15	114	37,147,014	114
Atascosa	Peeler Dam Number 1	348	28.73526	-98.536963	10	184	59,956,584	184
Atascosa	Pilgrim Dam	735	29.241905	-98.80197	11	265	86,350,515	265
Atascosa County Totals:						**4,280**	**1,394,642,280**	**4,280**
Bandera	Alkek Lake Number 1 Dam, Tx	1220	29.700225	-99.045312	52	423	137,834,973	423
Bandera	Alkek Lake Number 2 Dam, Tx	1243	29.695225	-99.045312	25	192	62,563,392	192
Bandera	Berry Lake Dam, Tx	1322	29.786889	-98.978644	30	200	65,170,200	200
Bandera	Boazman Lake Dam, Tx	1480	29.803554	-99.18865	23	110	35,843,610	110
Bandera	Brewington Creek Ranch Lake Dam, Tx	1716	29.885217	-99.368656	34	243	79,181,793	243
Bandera	Castle Lake Dam, Tx	1371	29.780222	-98.946976	14	125	40,731,375	125
Bandera	Conoco Lake Dam Number 1, Tx	1302	29.745224	-99.031978	25	342	111,441,042	342
Bandera	Falls Lake Dam, Tx	1785	29.893551	-99.183651	32	77	25,090,527	77
Bandera	Gallant Lake Dam, Tx	1591	29.765223	-99.281986	24	240	78,204,240	240
Bandera	Garrison Lake Dam, Tx	1578	29.781889	-99.336988	38	680	221,578,680	680
Bandera	H And K Lake Dam, Tx	1352	29.796889	-99.04198	35	140	45,619,140	140
Bandera	Hadfield Lake Dam, Tx	1424	29.801888	-99.230318	10	60	19,551,060	60
Bandera	Johnson Lake Dam, Tx	1827	29.83022	-99.376989	35	194	63,215,094	194

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bandera	Mcclennahan Lake 1 Dam, Tx	1440	29.676892	-99.336987	27	230	74,945,730	230
Bandera	Mcclennahan Lake 2 Dam, Tx	1457	29.671892	-99.341987	35	150	48,877,650	150
Bandera	Middle Verde Ranch Lake Dam, Tx	1490	29.658559	-99.130314	24	90	29,326,590	90
Bandera	Montague Lake Dam, Tx	1332	29.760223	-99.125315	41	900	293,265,900	900
Bandera	Morgan Lake Dam, Tx	1352	29.778556	-99.06698	Not Available	Not Available	Not Available	Not Available
Bandera	Mosher Big Lake Dam, Tx	1358	29.783556	-99.063647	26	342	111,441,042	342
Bandera	Mosher Little Lake Dam, Tx	1368	29.786889	-99.068647	20	220	71,687,220	220
Bandera	Old Langford Lake Dam, Tx	1362	29.636894	-99.051978	34	136	44,315,736	136
Bandera	Pelaez Lake Dam, Tx	1683	29.763556	-99.531994	27	150	48,877,650	150
Bandera	Rock Cliff Lake Dam, Tx	1358	29.758556	-99.145315	61	2,258	735,771,558	2,258
Bandera	Shadow Dance Ranch Dam, Tx	1572	29.720224	-99.318654	35	377	122,845,827	377
Bandera	T S Clements Dam, Tx	1752	29.878551	-99.161984	39	518	168,790,818	518
Bandera	Tatum Lake Dam, Tx	1745	29.770222	-99.410323	26	220	71,687,220	220
Bandera	Thalmann Lake Dam, Tx	1371	29.780222	-99.151982	Not Available	Not Available	Not Available	Not Available
Bandera	Thompson Lake Dam, Tx	1752	29.840219	-99.368656	25	263	85,698,813	263
Bandera	Voss Lake Dam, Tx	1463	29.696892	-99.301986	37	340	110,789,340	340

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bandera	Walters Lake Dam, Tx	1896	29.865219	-99.128649	18	85	27,697,335	85
Bandera	Walton Lake Dam, Tx	1460	29.666892	-98.836972	47	690	224,837,190	690
Bandera	Youngblood Lake Dam, Tx	1371	29.801888	-98.990311	27	225	73,316,475	225
Bandera County Totals:						**10,220**	**3,330,197,220**	**10,220**
Bexar	Alamo Angus Ranch Lake Dam, Tx	673	29.340235	-98.760302	14	140	45,619,140	140
Bexar	Baker Lake Dam, Tx	577	29.268571	-98.640298	13	312	101,665,512	312
Bexar	Ballasetal Lake Dam, Tx	568	29.31357	-98.510295	14	450	146,632,950	450
Bexar	Blue Wing Lake Dam, Tx	479	29.258573	-98.430292	10	1,600	521,361,600	1,600
Bexar	Calaveras Creek Dam, Tx	486	29.278572	-98.30529	86	97,441	31,751,247,291	97,441
Bexar	Calaveras Creek Dam Number 10, Tx	486	29.304405	-98.283345	41	2,942	958,653,642	2,942
Bexar	Calaveras Creek Dam Number 3, Tx	591	29.370236	-98.332513	37	3,400	1,107,893,400	3,400
Bexar	Calaveras Creek Dam Number 5, Tx	509	29.34857	-98.288901	26	1,180	384,504,180	1,180
Bexar	Calaveras Creek Dam Number 6, Tx	531	29.381346	-98.291957	43	4,801	1,564,410,651	4,801
Bexar	Calaveras Creek Dam Number 7, Tx	545	29.384958	-98.28029	34	1,403	457,168,953	1,403
Bexar	Calaveras Creek Dam Number 8, Tx	518	29.359681	-98.271956	27	1,413	460,427,463	1,413
Bexar	Calaveras Creek Dam Number 9, Tx	502	29.345792	-98.276956	26	895	291,636,645	895
Bexar	Camelot Development Lake Dam, Tx	712	29.485231	-98.380292	15	78	25,416,378	78

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bexar	Canvasback Lake Dam, Tx	541	29.296904	-98.505294	19	730	237,871,230	730
Bexar	Cassin Lake Dam, Tx	528	29.303571	-98.453627	24	580	188,993,580	580
Bexar	Crea Brothers Lake Dam, Tx	843	29.585228	-98.348625	18	80	26,068,080	80
Bexar	Eldorado Lake Dam, Tx	791	29.548562	-98.390293	Not Available	Not Available	Not Available	Not Available
Bexar	Elmendorf Lake Dam, Tx	650	29.425233	-98.536963	10	105	34,214,355	105
Bexar	Espada Dam, Tx	669	29.386901	-98.456961	Not Available	Not Available	Not Available	Not Available
Bexar	Espada Dam, Tx	535	29.345792	-98.465572	12	120	39,102,120	120
Bexar	Grothaus Lake Dam, Tx	617	29.263571	-98.711967	14	56	18,247,656	56
Bexar	Harmark Lake Dam, Tx	827	29.576895	-98.343625	18	80	26,068,080	80
Bexar	Heimsath Cemetery Lake Dam, Tx	1385	29.658558	-98.77697	21	220	71,687,220	220
Bexar	Kilroy Lake Dam, Tx	577	29.301904	-98.585297	13	520	169,442,520	520
Bexar	Kirby Lake Dam, Tx	712	29.258571	-98.758635	19	190	61,911,690	190
Bexar	Lakeside Acres Club Lake Dam, Tx	1352	29.715223	-98.671968	19	53	17,270,103	53
Bexar	Lions Park Lake Dam, Tx	581	29.385235	-98.42696	32.2	145	47,248,395	145
Bexar	Luckey Lake Dam, Tx	663	29.365235	-98.721967	13	180	58,653,180	180
Bexar	Martinez Creek Dam Number 1, Tx	669	29.471343	-98.327235	38	3,509	1,143,411,159	3,509

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bexar	Martinez Creek Dam Number 2, Tx	646	29.461621	-98.332513	27	1,085	353,548,335	1,085
Bexar	Martinez Creek Dam Number 3, Tx	627	29.458288	-98.29279	30	1,622	528,530,322	1,622
Bexar	Martinez Creek Dam Number 4, Tx	728	29.52023	-98.327791	31	1,366	445,112,466	1,366
Bexar	Martinez Creek Dam Number 5, Tx	781	29.540507	-98.328625	41	1,864	607,386,264	1,864
Bexar	Martinez Creek Dam Number 6-A, Tx	630	29.478565	-98.290012	34	5,200	1,694,425,200	5,200
Bexar	Medina Air Force Base Lake Dam, Tx	646	29.358568	-98.656966	13	260	84,721,260	260
Bexar	Mitchell Lake Dam, Tx	551	29.270239	-98.473627	10	5,000	1,629,255,000	5,000
Bexar	New Espada Lake Dam, Tx	531	29.346903	-98.465294	12	120	39,102,120	120
Bexar	Northern Hills Lake Dam, Tx	804	29.556895	-98.413627	Not Available	Not Available	Not Available	Not Available
Bexar	O R Mitchell Lake 1 Dam, Tx	587	29.306904	-98.633631	32	520	169,442,520	520
Bexar	O R Mitchell Lake 2 Dam, Tx	591	29.300237	-98.636965	14	210	68,428,710	210
Bexar	Olmos Dam, Tx	692	29.472454	-98.475017	68	14,240	4,640,118,240	14,240
Bexar	Pax Lake Dam, Tx	604	29.170242	-98.505294	20	114	37,147,014	114
Bexar	Riley Lake Dam, Tx	528	29.318571	-98.363625	18	94	30,629,994	94
Bexar	Scott Lake Dam, Tx	653	29.300237	-98.685299	15	300	97,755,300	300
Bexar	Soil Conservation Service Site 1 Dam, Tx	1112	29.663558	-98.600299	Not Available	Not Available	Not Available	Not Available

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bexar	Soil Conservation Service Site 1 Dam, Tx	656	29.471899	-98.328624	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 10 Dam, Tx	476	29.303572	-98.283623	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 11 Dam, Tx	830	29.601894	-98.431961	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 12 Dam, Tx	896	29.626893	-98.39196	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 13a Dam, Tx	850	29.605227	-98.395293	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 13b Dam, Tx	843	29.605227	-98.413627	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 2 Dam, Tx	656	29.460232	-98.333624	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 2 Dam, Tx	1093	29.658558	-98.583632	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 3 Dam, Tx	610	29.458566	-98.291957	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 3 Dam, Tx	571	29.370236	-98.331957	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 4 Dam, Tx	994	29.623559	-98.520297	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 4 Dam, Tx	735	29.52023	-98.328624	Not Available	Not Available	Not Available	Not Available

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bexar	Soil Conservation Service Site 5 Dam, Tx	781	29.54023	-98.330291	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 5 Dam, Tx	495	29.34857	-98.288623	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 5 Dam, Tx	1086	29.638559	-98.511963	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 6 Dam, Tx	522	29.380235	-98.291957	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 6-A Dam, Tx	620	29.478565	-98.29029	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 7 Dam, Tx	545	29.385235	-98.281956	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 8 Dam, Tx	505	29.35857	-98.271956	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 8 Dam, Tx	1020	29.645225	-98.476962	Not Available	Not Available	Not Available	Not Available
Bexar	Soil Conservation Service Site 9 Dam, Tx	499	29.345237	-98.276956	Not Available	Not Available	Not Available	Not Available
Bexar	Texas No Name Number 19 Dam, Tx	571	29.261905	-98.638631	10	140	45,619,140	140
Bexar	Texas No Name Number 6 Dam, Tx	627	29.256905	-98.708633	17	190	61,911,690	190
Bexar	Victor Braunig Dam, Tx	486	29.24024	-98.371958	80	32,324	10,532,807,724	32,324
Bexar	White Company Lake Dam, Tx	1299	29.641892	-98.720302	33	220	71,687,220	220

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Bexar	White Lake Dam, Tx	1421	29.655225	-98.758636	40.3	420	136,857,420	420
Bexar	White Ranch Lake Dam, Tx	1480	29.668558	-98.75697	16	130	42,360,630	130
Bexar	Woodlawn Lake Dam, Tx	669	29.450232	-98.530296	20	460	149,891,460	460
Bexar County Totals:						**188,502**	**61,423,565,202**	**188,502**
Comal	Canyon Dam, Tx	909	29.866885	-98.200289	224	1,208,350	393,742,055,850	1,208,350
Comal	Krause Lake Dam, Tx	332	29.836886	-98.318625	24	70	22,809,570	70
Comal	Shaeferkoeter Dam 2, Tx	1211	29.945215	-98.401962	44	390	127,081,890	390
Comal	Soil Conservation Service Site 1 Dam, Tx	738	29.813554	-98.048618	81	4,570	1,489,139,070	4,570
Comal	Soil Conservation Service Site 1 Dam, Tx	866	29.686891	-98.288624	74	6,763	2,203,730,313	6,763
Comal	Soil Conservation Service Site 2 Dam, Tx	719	29.818554	-98.033618	75	19,024	6,198,989,424	19,024
Comal	Soil Conservation Service Site 3 Dam, Tx	587	29.76189	-98.020284	31	2,809	915,315,459	2,809
Comal	Soil Conservation Service Site 3 Dam, Tx	738	29.738557	-98.158621	60	6,911	2,251,956,261	6,911
Comal	Soil Conservation Service Site 4 Dam, Tx	571	29.74189	-98.013617	38	2,458	800,941,758	2,458
Comal	Soil Conservation Service Site 4 Dam, Tx	761	29.650226	-98.276957	73	5,293	1,724,729,343	5,293
Comal	Soil Conservation Service Site 5 Dam, Tx	860	29.693558	-98.268623	32	636	207,241,236	636
Comal	Soil Conservation Service Site Number 2 Dam, Tx	801	29.675225	-98.251956	48	836	272,411,436	836
Comal	West Point-Pepperell Dam, Tx	587	29.698558	-98.106953		Not Available	Not Available	Not Available

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Comal County Totals:						**1,258,110**	**409,956,401,610**	**1,258,110**
Frio	Burns Reservoir Dam, Tx	436	28.650259	-99.090309	13	1,525	496,922,775	1,525
Frio	County Line Tank Dam, Tx	512	28.826921	-98.805304	14	62	20,202,762	62
Frio	Cox Reservoir Dam, Tx	623	29.088576	-98.903639	18	419	136,531,569	419
Frio	Derby Dam, Tx	482	28.70359	-99.146978	11	216	70,383,816	216
Frio	Eschenburg Lake Dam, Tx	630	29.06691	-99.158647	19	334	108,834,234	334
Frio	Holcomb Reservoir Dam, Tx	643	28.990246	-99.363653	12	480	156,408,480	480
Frio	Kyote Lake Dam, Tx	591	28.99858	-98.810303	10	104	33,888,504	104
Frio	Miracle Lake Dam, Tx	453	28.753591	-98.816971	37	1,529	498,226,179	1,529
Frio	Morrow Dam Number 3, Tx	653	28.928581	-99.06031	15	96	31,281,696	96
Frio	Morrow Dam Number 4, Tx	673	28.943581	-99.06031	14	252	82,114,452	252
Frio	Morrow Lake Number 1 Dam, Tx	571	28.891917	-99.013642	23	322	104,924,022	322
Frio	Morrow Lake Number 2 Dam, Tx	604	28.901916	-99.018642	19	213	69,406,263	213
Frio	Sirrianni Lake Dam, Tx	692	29.048577	-99.083644	20	112	36,495,312	112
Frio	Thompson Lake Dam, Tx	453	28.668592	-99.108643	13	520	169,442,520	520
Frio	Triple S Lake Number 1 Dam, Tx	676	29.010245	-99.031976	16	288	93,845,088	288
Frio	Triple S Lake Number 2 Dam, Tx	627	29.000245	-99.030309	16	960	312,816,960	960

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Frio	Vincent Lake Dam, Tx	607	29.001913	-98.843638	14	135	43,989,885	135
Frio County Totals:						**7,567**	**2,465,714,517**	**7,567**
Gillespie	Douglass Lake Dam, Tx	1877	30.355197	-98.888653	Not Available	Not Available	Not Available	Not Available
Gillespie	Johnson Dam, Tx	1398	30.238536	-98.621975	Not Available	Not Available	Not Available	Not Available
Gillespie	Lady Bird Johnson Park Dam, Tx	1640	30.238536	-98.911985	23	100	32,585,100	100
Gillespie	Lyndon B Johnson State Park Dam, Tx	1407	30.240202	-98.631976	Not Available	Not Available	Not Available	Not Available
Gillespie	Mathisen Lake Dam, Tx	1624	30.3052	-98.803649	31	115	37,472,865	115
Gillespie	Petersen Site 1 Dam, Tx	1804	30.405195	-98.761983	28	75	24,438,825	75
Gillespie	Soil Conservation Service Site 1 Dam, Tx	1519	30.178538	-98.595306	46	2,639	859,920,789	2,639
Gillespie	Soil Conservation Service Site 2 Dam, Tx	1532	30.170205	-98.601973	41	1,341	436,966,191	1,341
Gillespie	Soil Conservation Service Site 3 Dam, Tx	1608	30.160206	-98.625307	50	1,847	601,846,797	1,847
Gillespie	Soil Conservation Service Site 4 Dam, Tx	1535	30.183538	-98.626974	46	1,135	369,840,885	1,135
Gillespie	Tierra Linda Lower Dam, Tx	1854	30.140206	-99.146988	25	206	67,125,306	206
Gillespie	Tierra Linda Upper Dam, Tx	1883	30.145206	-99.146988	29	142	46,270,842	142
Gillespie	Voigt Lake Dam, Tx	1900	30.356864	-98.855319	31	98	31,933,398	98

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Gillespie County Totals:						**7,698**	**2,508,400,998**	**7,698**
Guadalupe	Baker Lake Dam	604	29.665228	-97.833613	30	236	76,900,836	236
Guadalupe	Bishop Lake Dam	390	29.505234	-97.773612	11	85	27,697,335	85
Guadalupe	Carter Lake Dam	397	29.668562	-97.715277	0	72	23,461,272	72
Guadalupe	Dam Number 10	545	29.759668	-97.93056	Not Available	Not Available	Not Available	Not Available
Guadalupe	Dam Number 14	554	29.803556	-97.888059	Not Available	Not Available	Not Available	Not Available
Guadalupe	Dam Number 15	541	29.77939	-97.895837	Not Available	Not Available	Not Available	Not Available
Guadalupe	Dam Number 4	495	29.548564	-97.999728	Not Available	Not Available	Not Available	Not Available
Guadalupe	Dam Number 7	531	29.75689	-97.962227	Not Available	Not Available	Not Available	Not Available
Guadalupe	Dietz Lake Dam	492	29.588563	-97.876947	25	114	37,147,014	114
Guadalupe	Guadalupe-Blanco River Authority Tp-3 Dam	502	29.594395	-98.040562	40	5,050	1,645,547,550	5,050
Guadalupe	Guadalupe-Blanco River Authority Tp-4 Dam	495	29.548564	-97.999728	25	5,900	1,922,520,900	5,900
Guadalupe	Holmes Lake Dam	420	29.515233	-97.788612	24	298	97,103,598	298
Guadalupe	Max Starcke Dam	482	29.551897	-97.970283	16	425	138,486,675	425

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Guadalupe	Nolte Dam	453	29.528843	-97.939449	Not Available	Not Available	Not Available	Not Available
Guadalupe	Rose Lake Dam	374	29.64523	-97.645276	28	1,450	472,483,950	1,450
Guadalupe	Saffold Dam	466	29.551064	-97.970283	Not Available	Not Available	Not Available	Not Available
Guadalupe	Soil Conservation Service Site 10 Dam	545	29.760224	-97.930282	40	2,987	973,316,937	2,987
Guadalupe	Soil Conservation Service Site 11 Dam	525	29.708559	-97.918615	34	2,491	811,694,841	2,491
Guadalupe	Soil Conservation Service Site 12 Dam	538	29.713559	-97.886948	46	1,459	475,416,609	1,459
Guadalupe County Totals:						**20,567**	**6,701,777,517**	**20,567**
Karnes	Best Lake Dam	410	28.745538	-97.93278	18	130	42,360,630	130
Karnes	Conquista Project Tailings Pond Dam	400	28.888588	-98.100284	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 1	367	28.778593	-97.894724	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 10	322	28.841923	-97.907225	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 11	292	28.861367	-97.843612	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 2	384	28.778315	-97.905002	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 3	420	28.772204	-97.927503	Not Available	Not Available	Not Available	Not Available

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Karnes	Dam Number 4	328	28.814425	-97.901391	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 5	397	28.799147	-97.957503	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 6	404	28.795536	-97.963892	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 7	394	28.800258	-97.966948	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 8	348	28.839701	-97.953337	Not Available	Not Available	Not Available	Not Available
Karnes	Dam Number 9	423	28.865811	-97.997782	Not Available	Not Available	Not Available	Not Available
Karnes	Korth Lake Dam	367	29.10358	-97.821945	14	157	51,158,607	157
Karnes	Nieschwietz Lake Dam	351	28.90692	-98.08195	13	182	59,304,882	182
Karnes	Olinick Dam	341	29.035249	-97.965282	13	86	28,023,186	86
Karnes	Panna Maria Tailings Pond Dam	322	29.033582	-98.050283	60	4,598	1,498,262,898	4,598
Karnes	Pawelek Lake Number 1 Dam	351	29.055249	-97.898613	18	216	70,383,816	216
Karnes	Pawelek Lake Number 2 Dam	351	29.056915	-97.89528	17	160	52,136,160	160
Karnes	Soil Conservation Service Site 1 Dam	302	28.748594	-97.803612	41	6,288	2,048,951,088	6,288
Karnes County Totals:						**11,817**	**3,850,581,267**	**11,817**

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Kerr	Blackburn Dam, Tx	1726	30.061876	-99.291989	Not Available	Not Available	Not Available	Not Available
Kerr	Camp Meeting Creek Dam, Tx	1611	30.018546	-99.135318	23	250	81,462,750	250
Kerr	Cedar Lake Dam, Tx	1890	30.16187	-99.345326	Not Available	Not Available	Not Available	Not Available
Kerr	Center Point Lake Dam, Tx	1611	29.946883	-99.038648	18	87	28,349,037	87
Kerr	Cullum Estate Number 1 Dam, Tx	1877	30.060209	-99.456994	12	112	36,495,312	112
Kerr	Ed Werner 71 Ranch Lake Dam, Tx	1729	29.911883	-99.301988	18	320	104,272,320	320
Kerr	Flat Rock Dam, Tx	1565	29.99688	-99.105873	20	820	267,197,820	820
Kerr	Horsman Dam, Tx	1781	30.116873	-99.300324	Not Available	Not Available	Not Available	Not Available
Kerr	Ingram Lake Dam, Tx	1680	30.070209	-99.255322	20	480	156,408,480	480
Kerr	Kerrville Lake Dam, Tx	1572	29.99688	-99.106984	20	820	267,197,820	820
Kerr	Kerrville Ponding Dam, Tx	1611	30.053544	-99.16532	21	2,499	814,301,649	2,499
Kerr	Poole Lake Dam, Tx	1972	30.141873	-99.158654	26	230	74,945,730	230
Kerr	Roden Lake Dam, Tx	1706	29.900217	-99.161984	40	497	161,947,947	497
Kerr	Shelton Ranches Reservoir Number 2 Dam, Tx	1854	30.15687	-99.353659	Not Available	Not Available	Not Available	Not Available
Kerr	South Dam, Tx	1886	30.113541	-99.185321	29	52	16,944,252	52

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Kerr	Town Creek Dam Number 1, Tx	1798	30.12854	-99.146987	25	268	87,328,068	268
Kerr	Town Creek Dam Number 4, Tx	1749	30.108541	-99.153654	25.2	173	56,372,223	173
Kerr	Tuck Lake Dam, Tx	1604	29.900218	-99.015314	21	178	58,001,478	178
Kerr	Walters Dam, Tx	1640	29.885218	-99.12865	22	160	52,136,160	160
Kerr	Willis Lake Dam, Tx	1795	30.053543	-99.330323	13	200	65,170,200	200
Kerr County Totals:						**7,146**	**2,328,531,246**	**7,146**
Medina	Bader Lake Dam, Tx	978	29.340235	-99.388655	31	220	71,687,220	220
Medina	Chicon Lake Dam, Tx	709	29.235238	-98.875305	15	2,312	753,367,512	2,312
Medina	Collins Lake Dam, Tx	846	29.273569	-99.241984	15	300	97,755,300	300
Medina	Farley Lake Dam, Tx	814	29.195239	-99.350321	16	115	37,472,865	115
Medina	Gabe Lake Dam, Tx	794	29.390234	-98.921974	23	320	104,272,320	320
Medina	George Wilson Lake Number 1 Dam, Tx	728	29.205238	-99.090312	25	210	68,428,710	210
Medina	George Wilson Lake Number 2 Dam, Tx	741	29.208571	-99.098646	20	120	39,102,120	120
Medina	Goeth Lake Dam, Tx	741	29.25857	-98.895306	15	66	21,506,166	66
Medina	Jones Lake Dam, Tx	922	29.380234	-98.996976	16	64	20,854,464	64
Medina	Leinweber Lake Dam, Tx	886	29.316902	-99.001976	21	146	47,574,246	146

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Medina	McWilliams and Wimberley Development Corporation Dam, Tx	768	29.270236	-99.048644	27	120	39,102,120	120
Medina	Medina Dam, Tx	1066	29.54023	-98.933641	165	327,250	106,634,739,750	327,250
Medina	Medina Diversion Lake Dam, Tx	906	29.510231	-98.900306	62	4,500	1,466,329,500	4,500
Medina	Middle Verde Recharge Dam, Tx	1037	29.503564	-99.100313	22	159	51,810,309	159
Medina	Mumme Lake Dam, Tx	889	29.288569	-99.226983	24	220	71,687,220	220
Medina	New Langford Lake Dam, Tx	1188	29.608561	-99.030311	19	68	22,157,868	68
Medina	Peacock Lake Dam, Tx	807	29.255237	-99.250318	13	160	52,136,160	160
Medina	Primos Lake Dam, Tx	906	29.333568	-99.303652	21	340	110,789,340	340
Medina	Richardson Lake Dam, Tx	830	29.203572	-99.305319	23	210	68,428,710	210
Medina	San Geronimo Recharge Dam, Tx	1020	29.53523	-98.80697	22	470	153,149,970	470
Medina	Schuchart Lake Dam, Tx	1004	29.52023	-98.845305	22	140	45,619,140	140
Medina	Soil Conservation Service Site 11 Dam, Tx	1102	29.443565	-99.378654	48	6,657	2,169,190,107	6,657
Medina	Texas No Name Number 3 Dam, Tx	856	29.223571	-99.405323	Not Available	Not Available	Not Available	Not Available
Medina	Texas No Name Number 4 Dam, Tx	856	29.17024	-99.396989	Not Available	Not Available	Not Available	Not Available
Medina	Texas No Name Number 5 Dam, Tx	938	29.361901	-99.286985	15	120	39,102,120	120

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Medina	Twin Lake Estates-East Lake Dam, Tx	719	29.220239	-98.810303	22	260	84,721,260	260
Medina	Twin Lake Estates-West Lake Dam, Tx	719	29.218572	-98.815303	18	165	53,765,415	165
Medina	Wilson Lake Dam, Tx	636	29.091909	-99.198648	15	1,500	488,776,500	1,500
Medina County Totals:						**346,212**	**112,813,526,412**	**346,212**
Wilson	Coates Estate Lake Number 1 Dam, Tx	384	29.22691	-97.818611	15	144	46,922,544	144
Wilson	Coates Estate Lake Number 2 Dam, Tx	397	29.223576	-97.820278	15	120	39,102,120	120
Wilson	Connally Lake Dam Number 1, Tx	390	29.120245	-98.216954	25	850	276,973,350	850
Wilson	Connally Lake Dam Number 2, Tx	394	29.126912	-98.221954	20	1,144	372,773,544	1,144
Wilson	Dagen Lake Dam, Tx	449	29.27024	-98.086951	16	84	27,371,484	84
Wilson	El Negro Ranch Lake Dam, Tx	371	29.181911	-97.795277	35	392	127,733,592	392
Wilson	Grimes Lake Dam, Tx	348	28.955251	-98.243621	15	154	50,181,054	154
Wilson	Kilgore Lake Dam, Tx	394	29.008582	-98.230287	13	78	25,416,378	78
Wilson	Kotzur Lake Dam, Tx	410	29.058581	-98.060284	19	137	44,641,587	137
Wilson	Seale Ranch Lake Dam, Tx	404	29.051914	-98.190287	12	58	18,899,358	58
Wilson	Texas No Name Number 17 Dam, Tx	472	29.185243	-98.066951	13	120	39,102,120	120
Wilson	Texas No Name Number 18 Dam, Tx	404	29.12358	-97.870279	17	164	53,439,564	164
Wilson	Weinert Ranch Reservoir Dam, Tx	361	29.210244	-97.786944	14	336	109,485,936	336

County	Dam	Elevation (in feet)	Latitude	Longitude	Dam Height (in feet)	Normal Storage Capacity (in acre feet)	Normal Storage Capacity (in gallons)	Downstream / Lower Elevation Area of Potential 1 Foot Inundation (in acres covered)
Wilson County Totals:						**3,781**	**1,232,042,631**	**3,781**
Planning Area Totals:						**1,865,900**	**608,005,380,900**	**1,865,900**

K.2 Information by County from National Inventory of Dams (NID)

The following pages display the source data used to generate the table in K.1. This information is organized by county.

NID Detail Report

Go Reports 1. Primary Report Actions

County = 'ATASCOSA'
State = 'TX'

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
PILGRIM LAKE DAM	-	TX03145	Private	COOPER	11	265	Recreation	Recreation	Earth	TR-WEST PRONG ATASCOSA RIVER	ATASCOSA	TX
SMITH DAM 2	-	TX03146	Private	MARY CAROL SMITH TRUST	17	218	Water Supply	Water Supply	Earth	TR-OLMOS CREEK	ATASCOSA	TX
SMITH DAM 1	-	TX03147	Private	MARY CAROL SMITH TRUST	23	120	Water Supply	Water Supply	Earth	TR-OLMOS CREEK	ATASCOSA	TX
PEELER DAM	Caballos Pasture Dam	TX03148	Private	PEELER JR	15	114	Water Supply	Water Supply	Earth	TR-SOUSE CREEK	ATASCOSA	TX
74 RANCH DAM NO 2	-	TX03150	Private	74 RANCH	10	80	Water Supply	Water Supply	Earth	TR-LA PARITA CREEK	ATASCOSA	TX
OWNER UNKNOWN TX03151 DAM	-	TX03151	Private	74 RANCH	13	208	Water Supply	Water Supply	Earth	TR-METATE CREEK	ATASCOSA	TX
74 RANCH DAM NO 4	-	TX03152	Private	74 RANCH	15	162	Water Supply	Water Supply	Earth	TR-METATE CREEK	ATASCOSA	TX
ERWIN DAM	Farris Estate Ranch Dam	TX03154	Private	ERWIN	14	174	Water Supply	Water Supply	Earth	TR-LAGUNILLAS CREEK	ATASCOSA	TX
PEELER DAM NO 1	Ruckman Pasture Dam	TX03161	Private	PEELER JR	10	184	Water Supply	Water Supply	Earth	TR-MACHO CREEK	ATASCOSA	TX
POTTS DAM	-	TX03162	Private	POTTS	14	123	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-SAN MIGUEL CREEK	ATASCOSA	TX
MARSHALL DAM	-	TX03164	Private	MARSHALL	22	612	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TURKEY CREEK	ATASCOSA	TX
BONITA DAM	-	TX03165	Private	SELENA GARZA AND SERGIO ELIZONDO	20	320	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	BONITA CREEK	ATASCOSA	TX
SCHEIDT DAM	-	TX03166	Private	GASH	11	84	Water Supply	Water Supply	Earth	TR-ATASCOSA RIVER	ATASCOSA	TX
BIG LAKE DAM	-	TX03167	Private	74 RANCH	22	352	Water Supply	Water Supply	Earth	TR-METATE CREEK	ATASCOSA	TX
T H CATTLE CO DAM	-	TX03155	Private	TH CATTLE COMPANY	12	114	Water Supply	Water Supply	Earth	TR-MACHO CREEK	ATASCOSA	TX
HOUSE DAM NO 1	HILL TANK	TX03156	Private	HOUSE	8	58	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-CLEAR CREEK	ATASCOSA	TX
HOUSE DAM NO 2	-	TX03157	Private	HOUSE	12	77	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-CLEAR CREEK	ATASCOSA	TX
ERNST DAM	Collins Ranch Dam	TX03158	Private	ERNST	12	106	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MACHO CREEK	ATASCOSA	TX
STRICKLAND DAM NO 1	-	TX03160	Private	STRICKLAND	10	160	Water Supply	Water Supply	Earth	TR-MACHO CREEK	ATASCOSA	TX

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MCLERRAN DAM	-	TX03168	Private	GARCIA	16	256	Water Supply	Water Supply	Earth	TR-LA PARITA CREEK	ATASCOSA	TX
RIPS LAKE DAM	-	TX03169	Private	RIPS	11	106	Water Supply	Water Supply	Earth	OAK HOLLOW	ATASCOSA	TX
WILLIAMS DAM	-	TX03170	Private	GOSSETT	14	106	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	GEORGETOWN CREEK	ATASCOSA	TX
FAIRVIEW FARMS DAM	-	TX03171	Private	FAIRVIEW FARMS	14	120	Water Supply	Water Supply	Earth	TR-AVERIA CREEK	ATASCOSA	TX
QUILLIAN DAM	-	TX03172	Private	QUILLIAN	15	108	Water Supply	Water Supply	Earth	TR-EAST METATE CREEK	ATASCOSA	TX
HEINEN DAM	-	TX03173	Private	HEINEN JR	16	179	Water Supply	Water Supply	Earth	LUCAS CREEK	ATASCOSA	TX
PALMER RANCH LAKE DAM	-	TX05284	Private	PALMER	13	681	Recreation	Recreation	Earth	BONITA CREEK	ATASCOSA	TX
TOM RANCH LAKE NO 2 DAM	Edmund Tom Ranch Pond	TX05285	Private	EDMUND TOM	18	240	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ATASCOSA RIVER	ATASCOSA	TX
TOM RANCH LAKE NO 1 DAM	-	TX05286	Private	TOM	21	75	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ATASCOSA RIVER	ATASCOSA	TX
TOM RANCH DAM	-	TX06580	Private	TOM	13	53	Other	Other	Earth	TR-OLMOS CREEK	ATASCOSA	TX
WILLIAMS DAM 3	-	TX06581	Private	WILLIAMS	14	56	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	OAK HOLLOW	ATASCOSA	TX
WEATHERSTON RANCH DAM	-	TX06582	Private	WEATHERSTON	18	80	Fish and Wildlife Pond	Fish and Wildlife Pond	Earth	BONITA CREEK	ATASCOSA	TX
PAUL HENSHAW DAM	-	TX06584	Private	HENSHAW	15	57	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-LA PARITA CREEK	ATASCOSA	TX
VW MARTIN DAM	-	TX06585	Private	HORATIO A. GARCIA & RAFAEL JUAREZ	16	50	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-ATASCOSA RIVER	ATASCOSA	TX
CARL ERNEST DAM	COLLINS RANCH DAM	TX07238	Private	ERNEST	25	124	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ATASCOSA RIVER	ATASCOSA	TX
HENRY MEISCH DAM	-	TX06574	Private	MEISCH	17	52	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-TURKEY CREEK	ATASCOSA	TX
BEN L PARKER RANCH DAM	PARKER RANCH DAM	TX06575	Private	PARKER	19	100	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-ATASCOSA RIVER	ATASCOSA	TX

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	LA PALOMA RANCH POND DAM	Pearce Ranch Pond	TX06576	Private	PEARCE JR	24	144	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-LAGUNILLAS CREEK	ATASCOSA	TX
	ROY D QUILLIAN ESTATE DAM	-	TX06578	Private	ROY D QUILLIAN ESTATE	16	60	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-METATE CREEK	ATASCOSA	TX
	JOE K WILLIAMS DAM	WILLIAMS DAM 2	TX06579	Private	WILLIAMS	12	70	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	OAK HOLLOW	ATASCOSA	TX
	SCHORSCH DAM	-	TX03163	Private	SCHORSCH JR	19	114	Irrigation	Irrigation, Recreation	Earth	TR-GOOSE CREEK	ATASCOSA	TX
	STRICKLAND DAM NO 2	-	TX03159	Private	STRICKLAND	7	70	Water Supply	Water Supply	Earth	TR-LA JARITA CREEK	ATASCOSA	TX
	PEELER RANCH NO 2 DAM	-	TX06577	Private	PEELER JR	13	58	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-LA PARITA CREEK	ATASCOSA	TX
	74 RANCH DAM NO 1	-	TX03149	Private	74 RANCH	12	154	Water Supply	Water Supply	Earth	TR-LA PARITA CREEK	ATASCOSA	TX
	LAZY JP RANCH DAM	-	TX03174	Private	LAZY JP RANCH INC	10	88	Water Supply	Water Supply	Earth	TR-BUCKHORN CREEK	ATASCOSA	TX
	HINDES DAM	-	TX03153	Private	HINDES	15	90	Water Supply	Water Supply	Earth	TR-LAGUNILLAS CREEK	ATASCOSA	TX

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NID Detail Report

Go Reports 1. Primary Report Actions

County = 'ATASCOSA'
County = 'BANDERA'
State = 'TX'

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
ALKEK LAKE NO 2 DAM	-	TX02897	Private	WILLIAMS	25	192	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	SAN JULIAN CREEK	BANDERA	TX
ALKEK LAKE NO 1 DAM	-	TX02898	Private	WILLIAMS	52	423	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	SAN JULIAN CREEK	BANDERA	TX
PURPLE SAGE RANCH LAKE	CONOCO LAKE NO 1 DAM	TX02899	Private	CHASE FARMS LLC	25	342	Fish and Wildlife Pond	Recreation, Fish and Wildlife Pond	Earth	TR-MEDINA RIVER	BANDERA	TX
THOMPSON LAKE DAM	-	TX02908	Private	THOMPSON	25	263	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	MICKLE CREEK	BANDERA	TX
GARRISON RANCH LAKE DAM	-	TX02909	Private	YAX	38	680	Irrigation	Irrigation, Recreation	Earth	WEST PRONG MEDINA RIVER	BANDERA	TX
ARMSTRONG LAKE DAM	TATUM LAKE (PREVIOUS)	TX02910	Private	ARMSTRONG	26	220	Recreation	Recreation	Earth	WEST PRONG MEDINA RIVER	BANDERA	TX
JOHNSON LAKE DAM	-	TX02911	Private	JOHNSON	35	194	Recreation	Recreation	Earth	MICKLE CREEK	BANDERA	TX
BREWINGTON CREEK RANCH DAM	-	TX02912	Private	PFIEFFER	34	243	Recreation	Recreation	Earth	BREWINGTON CREEK	BANDERA	TX
MOSHER BIG LAKE DAM	-	TX02913	Private	RAINES	26	342	Recreation	Recreation	Earth	TR-BANDERA CREEK	BANDERA	TX
MCCLENNAHAN LAKE NO 1 DAM	-	TX02900	Private	WEINER	27	230	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	HONDO CREEK	BANDERA	TX
MCCLENNAHAN LAKE NO 2 DAM	-	TX02901	Private	WEINER	35	150	Irrigation	Irrigation	Earth	PIGEON ROOST CREEK	BANDERA	TX
VOSS LAKE DAM	-	TX02902	Private	WYNN	37	340	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	SIMPSON CREEK	BANDERA	TX
WALTON LAKE DAM	-	TX02903	Private	PATRICIA LYNCH FOX LTD	47	690	Recreation	Recreation	Earth	SOUTH FORK SAN GERONIMO CREEK	BANDERA	TX
CASTLE LAKE DAM	-	TX02904	Private	CASTLE LAND AND LIVESTOCK CO	14	125	Recreation	Recreation	Earth	BEAR CREEK	BANDERA	TX
BERRY LAKE DAM	-	TX02906	Private	BERRY	30	200	Irrigation	Irrigation	Earth	WOLF CREEK	BANDERA	TX

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TWIN LAKES DAM NO 1	-	TX02914	Private	GREAT SOUTHERN REALTY COMPANY	21	121	Recreation	Recreation	Earth	TR-BANDERA CREEK	BANDERA	TX
IKINS LAKE DAM NO 1	-	TX02915	Private	IKINS	24	420	Recreation	Recreation	Earth	SPIRES CREEK	BANDERA	TX
ROCK CLIFF DAM	-	TX02916	Private	ROCK CLIFF RESERVOIR LANDOWNERS ASSOCIATION	61	2258	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	SPIRES CREEK	BANDERA	TX
MONTAGUE LAKE DAM	-	TX02917	Private	MARKS	41	900	Recreation	Water Supply, Recreation	Earth	MONTAGUE HOLLOW	BANDERA	TX
ROBERT L PARKER DAM	T S CLEMENTS	TX04765	Private	ROBERT L PARKER SR ET AL	39	518	Flood Control	Irrigation, Flood Control	Earth	VERDE CREEK	BANDERA	TX
MOSHER LITTLE LAKE DAM	-	TX04944	Private	RAINES	20	220	Recreation	Recreation	Earth	TR-BANDERA CREEK	BANDERA	TX
H AND K LAKE DAM	-	TX04616	Private	H & K CONSTRUCTION COMPANY LTD	35	140	Water Supply	Water Supply	Earth	TR-MASON CREEK	BANDERA	TX
FALLS LAKE DAM	-	TX04617	Private	CLEMENTS	32	77	Water Supply	Water Supply	Earth	PALMER CREEK	BANDERA	TX
OLD LANGFORD LAKE DAM	-	TX04618	Private	ALKEK	34	136	Water Supply	Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	CYPRESS CREEK	BANDERA	TX
BOAZMAN LAKE DAM	-	TX05053	Private	BOAZMAN	23	110	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-LAXSON CREEK	BANDERA	TX
WALTERS LAKE DAM	-	TX05054	Private	WALTERS	18	85	Recreation	Recreation	Earth	MICO CREEK	BANDERA	TX
MIDDLE VERDE RANCH LAKE DAM	-	TX05055	Private	MORRIS	24	90	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MIDDLE VERDE CREEK	BANDERA	TX
HAPPY HOLLOW RANCH LAKE DAM	-	TX09290	Private	MARTIN	10	25	Recreation	Recreation	Earth	TR-BANDERA CREEK	BANDERA	TX
LOST MAPLES STATE PARK DAM NO 2	-	TX09295	State	TEXAS PARKS & WILDLIFE DEPARTMENT	28	30	Recreation	Recreation	Earth	CAN CREEK	BANDERA	TX
KELSO DAM	-	TX06368	Private	KELSO	27	100	-	-	Earth	MADRANO CREEK	BANDERA	TX
SCHOENFELD DAM	-	TX06375	Private	SCHOENFELD	21	180	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	-	WEST PRONGE MEDINA RIVER	BANDERA	TX
IKINS LAKE DAM NO 2	-	TX06340	Private	IKINS	27	115	Recreation	Recreation	Earth	SPIRES CREEK	BANDERA	TX
RIO HONDO LAKE 1 DAM	-	TX07003	Private	RIO HONDO RANCH	18	0	Recreation	Recreation	-	HONDO CREEK	BANDERA	TX
MADRONA RANCH LAKE DAM	-	TX05851	Private	LOHREN	30	140	Recreation	Recreation	Earth	RED BLUFF CREEK	BANDERA	TX

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	SILVER SPRING DAM	-	TX09539	Private	POA	12	7.5	-	-	Earth	SAN GERONIMO CREEK	BANDERA	TX
	DUKE DAM	-	TX06291	Private	DUKE	28	111	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	LITTLE CREEK	BANDERA	TX
	TWIN LAKES DAM NO 2	-	TX06332	Private	TWIN LAKES RESORT INC	15	62	Recreation	Recreation	Earth	TR-BANDERA CREEK	BANDERA	TX
	FOX LOWER DAM	-	TX09540	Private	FOX	15.6	2	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-SAN GERONIMO CREEK	BANDERA	TX
	YOUNGBLOOD LAKE DAM	-	TX02905	Private	YOUNGBLOOD	27	225	Water Supply	Water Supply	Earth	CLOUD HOLLOW	BANDERA	TX
	SHADOW DANCE RANCH DAM	-	TX04790	Private	ALLEN	35	377	Recreation	Recreation	Earth	RYLE CREEK	BANDERA	TX
	GALLANT LAKE DAM	-	TX02907	Private	GALLANT	24	240	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	ELM CREEK	BANDERA	TX
	HADFIELD LAKE DAM	-	TX05052	Private	HADFIELD	10	60	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MEDINA RIVER	BANDERA	TX
	PELAEZ LAKE DAM	-	TX04801	Private	PELAEZ	27	150	Water Supply	Water Supply	Earth	EVANS CREEK	BANDERA	TX

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NID Detail Report

Go Reports 1. Primary Report Actions

County = 'ATASCOSA'
County = 'BANDERA'
County = 'BEXAR'
State = 'TX'

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
ALAMO ANGUS RANCH LAKE DAM	-	TX01433	Private	ALAMO ANGUS RANCH INC	14	140	Recreation	Recreation	Earth	SHERER CREEK	BEXAR	TX
KILROY LAKE DAM	-	TX01435	Private	KILROY	13	520	Recreation	Recreation	Earth	INDIAN CREEK	BEXAR	TX
BALLASETAL LAKE DAM	-	TX01437	Private	GEORGE BALLAS ETAL	14	450	Recreation	Recreation	Earth	TR-MEDINA RIVER	BEXAR	TX
LUCKEY LAKE DAM	-	TX01438	Private	LUCKEY	13	180	Recreation	Recreation	Earth	POTRANCA CREEK	BEXAR	TX
TX NO NAME NO 6 DAM	-	TX01439	Private	TX NO NAME NO 6 DAM	17	190	Recreation	Recreation	Earth	TR-ELM CREEK	BEXAR	TX
SCOTT LAKE DAM	-	TX01440	Private	SCOTT	15	300	Recreation	Recreation	Earth	TR-LIVE OAK SLOUGH	BEXAR	TX
CALAVERAS CREEK WS SCS SITE 8 DAM	-	TX01449	Public Utility	SAN ANTONIO RIVER AUTHORITY	27	1413	Flood Control	Flood Control	Earth	TR-CHUPADERAS CREEK	BEXAR	TX
CALAVERAS CREEK WS SCS SITE 3 DAM	-	TX01450	Public Utility	SAN ANTONIO RIVER AUTHORITY	37	3400	Flood Control	Flood Control	Earth	CALAVERAS CREEK	BEXAR	TX
CALAVERAS CREEK WS SCS SITE 9 DAM	-	TX01451	Public Utility	SAN ANTONIO RIVER AUTHORITY	26	895	Flood Control	Flood Control	Earth	TR-CHUPADERAS CREEK	BEXAR	TX
CALAVERAS CREEK WS SCS SITE 10 DAM	-	TX01452	Public Utility	SAN ANTONIO RIVER AUTHORITY	41	2942	Water Supply	Irrigation, Flood Control, Water Supply	Earth	PARITA CREEK	BEXAR	TX
MITCHELL LAKE DAM	-	TX01453	Local Government	CITY OF SAN ANTONIO	10	5000	Irrigation	Irrigation	Earth	TR-MEDINA RIVER	BEXAR	TX
CASSIN LAKE DAM	-	TX01454	Local Government	BEXAR METROPOLITAN WATER DISTRICT	24	580	Irrigation	Irrigation	Earth	MINITA CREEK	BEXAR	TX
NEW ESPADA LAKE DAM	-	TX01455	Private	MISSION CEMETERY COMPANY	12	120	Irrigation	Irrigation	Earth	SAN ANTONIO RIVER	BEXAR	TX
CAMELOT DEVELOPMENT LAKE DAM	TX NO NAME NO 7 DAM	TX01457	Private	ELLISON INDUSTRIES	15	78	Recreation	Recreation	Earth	ROSILLO CREEK	BEXAR	TX
LIONS PARK LAKE DAM	-	TX01458	Local Government	CITY OF SAN ANTONIO	32.2	145	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-SALADO CREEK	BEXAR	TX
MARTINEZ CREEK WS	-	TX01464	Public Utility	SAN ANTONIO RIVER	34	5200	Flood Control	Flood Control	Earth	SALITRILLO CREEK	BEXAR	TX

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	SCS SITE 6A DAM				AUTHORITY								
	MARTINEZ CREEK WS SCS SITE 5 DAM	-	TX01465	Public Utility	SAN ANTONIO RIVER AUTHORITY	41	1864	Flood Control	Flood Control	Earth	SALITRILLO CREEK	BEXAR	TX
	MARTINEZ CREEK WS SCS SITE 4 DAM	-	TX01466	Public Utility	SAN ANTONIO RIVER AUTHORITY	31	1366	Flood Control	Flood Control	Earth	TR-SALITRILLO CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 8 DAM	-	TX01467	Public Utility	SAN ANTONIO RIVER AUTHORITY	61	7100	Flood Control	Flood Control	Earth	MUD CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 4 DAM	-	TX01468	Public Utility	SAN ANTONIO RIVER AUTHORITY	57	30798	Flood Control	Flood Control	Earth	PANTHER SPRINGS CREEK	BEXAR	TX
	MEDINA AIR FORCE BASE LAKE DAM	-	TX01441	Federal	US DEPARTMENT OF THE AIR FORCE	13	260	Recreation	Recreation	Earth	MEDIO CREEK	BEXAR	TX
	BAKER LAKE DAM	-	TX01442	Private	BAKER	13	312	Recreation	Recreation	Earth	POST OAK CREEK	BEXAR	TX
	OR MITCHELL LAKE 1 DAM	-	TX01443	Local Government	BEXAR METROPOLITAN WATER DISTRICT	32	520	Irrigation	Irrigation	Earth	MEDIO CREEK	BEXAR	TX
	O R MITCHELL LAKE 2 DAM	-	TX01444	Private	OR MITCHELL LAKE 2 DAM	14	210	Recreation	Recreation	Earth	OFF CH-TR-MEDIO CREEK	BEXAR	TX
	WOODLAWN LAKE DAM	-	TX01445	Local Government	CITY OF SAN ANTONIO	20	460	Recreation	Recreation	Earth	ALAZAN CREEK	BEXAR	TX
	ELMENDORF LAKE DAM	19TH STREET LABYRINTH WEIR DAM	TX01446	Local Government	CITY OF SAN ANTONIO	10	105	Recreation	Flood Control, Recreation	-	APACHE CREEK	BEXAR	TX
	CALAVERAS CREEK WS SCS SITE 6 DAM	-	TX01459	Public Utility	SAN ANTONIO RIVER AUTHORITY	43	4801	Flood Control	Flood Control	Earth	CHUPADERAS CREEK	BEXAR	TX
	CALAVERAS CREEK WS SCS SITE 7 DAM	-	TX01460	Public Utility	SAN ANTONIO RIVER AUTHORITY	34	1403	Flood Control	Flood Control	Earth	TR-CHUPADERAS CREEK	BEXAR	TX
	MARTINEZ CREEK WS SCS SITE 1 DAM	-	TX01461	Public Utility	SAN ANTONIO RIVER AUTHORITY	38	3509	Flood Control	Flood Control	Earth	MARTINEZ CREEK	BEXAR	TX
	MARTINEZ CREEK WS SCS SITE 2 DAM	-	TX01462	Public Utility	SAN ANTONIO RIVER AUTHORITY	27	1085	Flood Control	Flood Control	Earth	TR-MARTINEZ CREEK	BEXAR	TX
	MARTINEZ CREEK WS SCS SITE 3 DAM	-	TX01463	Public Utility	SAN ANTONIO RIVER AUTHORITY	30	1622	Flood Control	Flood Control	Earth	ESCONDIDO CREEK	BEXAR	TX
	SALADO CREEK WS	-	TX01469	Public Utility	SAN ANTONIO RIVER	65	4317	Flood Control	Flood Control	Earth	LEWIS CREEK	BEXAR	TX

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	SCS SITE 2 DAM				AUTHORITY								
	HEIMSATH CEMETERY LAKE DAM	-	TX01470	Private	RYALL L WHITE COMPANY	21	220	Recreation	Recreation	Earth	TR-SAN GERONIMO CREEK	BEXAR	TX
	WHITE LAKE DAM	-	TX01471	Private	WHITE	40.3	420	Recreation	Recreation	Earth	TR-SAN GERONIMO CREEK	BEXAR	TX
	VICTOR BRAUNIG DAM	-	TX01432	Local Government	CITY PUBLIC SERVICE	80	32324	Other	Other	Earth	ARROYO SECO	BEXAR	TX
	SALADO CREEK WS SCS SITE 11 DAM	-	TX04760	Public Utility	SAN ANTONIO RIVER AUTHORITY	65	6318	Flood Control	Flood Control	Earth	ELM CREEK	BEXAR	TX
	WHITE RANCH LAKE DAM	-	TX05227	Private	WHITE	16	130	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-SAN GERONIMO CREEK	BEXAR	TX
	CREA BROTHERS LAKE DAM	-	TX05229	Private	CREA BROTHERS	18	80	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-CIBOLO CREEK	BEXAR	TX
	HARMARK LAKE DAM	-	TX05230	Private	HARMARK	18	80	Recreation	Recreation	Earth	TR-CIBOLO CREEK	BEXAR	TX
	GROTHAUS LAKE DAM	-	TX05231	Private	GROTHAUS	14	56	Irrigation	Irrigation, Recreation	Earth	BLACK HILL BRANCH	BEXAR	TX
	SALADO CREEK WS SCS SITE 13A DAM	-	TX04364	Public Utility	SAN ANTONIO RIVER AUTHORITY	43	3026	Flood Control	Flood Control	Earth	ELM WATERHOLE CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 9 DAM	-	TX05016	Public Utility	SAN ANTONIO RIVER AUTHORITY	50	2612	Flood Control	Flood Control	Earth	MUD CREEK	BEXAR	TX
	WILDLAKE DAM	-	TX04699	Private	SAN ANTONIO MUD 1	40	462	Recreation	Recreation	Earth	RANCH CREEK	BEXAR	TX
	OLMOS DAM	-	TX04313	Local Government	CITY OF SAN ANTONIO	68	14240	Flood Control	Flood Control	Gravity	OLMOS CREEK	BEXAR	TX
	WATER TURKEY LAKE DAM	-	TX04695	Local Government	CITY OF SAN ANTONIO	17	238	Recreation	Recreation	Earth	HONDO CREEK	BEXAR	TX
	JC WEBB DAM	LAKESIDE ACRES CLUB LAKE DAM	TX04697	Private	MASTIN	19	53	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-LEON CREEK	BEXAR	TX
	WHITE COMPANY LAKE DAM	-	TX04698	Private	R L WHITE COMPANY INC	33	198	Water Supply	Water Supply	Earth	CHIMENEA CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 6 DAM	-	TX05152	Public Utility	SAN ANTONIO RIVER AUTHORITY	62	2830	Flood Control	Flood Control	Earth	PANTHER SPRINGS CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 1 DAM	-	TX04716	Public Utility	SAN ANTONIO RIVER AUTHORITY	80	8680	Flood Control	Flood Control	Earth	SALADO CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 5 DAM	-	TX04717	Public Utility	SAN ANTONIO RIVER AUTHORITY	64	5807	Flood Control	Flood Control	Earth	PANTHER SPRINGS CREEK	BEXAR	TX

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	SALADO CREEK WS SCS SITE 13B DAM	-	TX04718	Public Utility	SAN ANTONIO RIVER AUTHORITY	46	1898	Flood Control	Flood Control	Earth	TR-ELM WATERHOLE CREEK	BEXAR	TX
	TX NO NAME NO 19 DAM	-	TX05232	Private	TX NO NAME NO 19 DAM	10	140	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	POST OAK CREEK	BEXAR	TX
	PAX LAKE DAM	-	TX05233	Private	PLEASANTON ROAD LP	20	114	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	GALLINAS CREEK	BEXAR	TX
	HIDDEN SPRINGS DAM	-	TX06885	Private	-	25	46	Recreation	Recreation	Earth	TR-SALADO CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 10 DAM	-	TX06600	Public Utility	SAN ANTONIO RIVER AUTHORITY	82	4054	Flood Control	Flood Control	Earth	MUD CREEK	BEXAR	TX
	BROOKLYN STREET DAM	-	TX09537	Public Utility	SAN ANTONIO RIVER AUTHORITY	13.5	27.6	-	-	Concrete	SAN ANTONIO	BEXAR	TX
	SALADO CREEK WS SCS SITE 7 DAM	-	TX06398	Public Utility	SAN ANTONIO RIVER AUTHORITY	47	7016	Flood Control	Flood Control	Earth	PANTHER SPRINGS CREEK	BEXAR	TX
	SALADO CREEK WS NRCS SITE 15R DAM	-	TX07211	Public Utility	SAN ANTONIO RIVER AUTHORITY	49	8704	Flood Control	Flood Control	Earth	LORENCE CREEK	BEXAR	TX
	RILEY LAKE DAM	-	TX04696	Private	RILEY	18	94	Water Supply	Water Supply	Earth	TR-CALAVERAS CREEK	BEXAR	TX
	SALADO CREEK WS SCS SITE 12 DAM	-	TX04208	Public Utility	SAN ANTONIO RIVER AUTHORITY	70	7425	Flood Control	Flood Control	Earth	LONG CREEK	BEXAR	TX
	EL DORADO LAKE DAM	-	TX04918	Private	EL DORADO HOMES ASSOCIATION INC	13	78	Recreation	Recreation	Earth	TR-BEITEL CREEK	BEXAR	TX
	CALAVERAS CREEK DAM	-	TX01448	Local Government	CITY PUBLIC SERVICE	86	97441	Other	Other	Earth	CALAVERAS CREEK	BEXAR	TX
	CALAVERAS CREEK WS SCS SITE 5 DAM	-	TX01447	Public Utility	SAN ANTONIO RIVER AUTHORITY	26	1180	Flood Control	Flood Control	Earth	TR-CHUPADERAS CREEK	BEXAR	TX
	BLUE WING LAKE DAM	-	TX01456	Private	BLUE WING CLUB	10	1600	Irrigation	Irrigation	Earth	TR-SAN ANTONIO RIVER	BEXAR	TX
	CANVASBACK LAKE DAM	-	TX01436	Private	MEDINA PROPERTIES LIMITED	19	730	Irrigation	Irrigation	Earth	SAUZ CREEK	BEXAR	TX
	KIRBY LAKE DAM	-	TX01434	Private	VOLNEY D KIRBY ESTATE	19	190	Water Supply	Water Supply	Earth	TR-ELM CREEK	BEXAR	TX

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Go Reports 1. Primary Report Actions

County = 'ATASCOSA'
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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
CANYON LAKE	-	TX00004	Federal	CESWF	224	1208350	Water Supply	Hydroelectric, Flood Control, Water Supply, Recreation	Earth	GUADALUPE RIVER	COMAL	TX
CANYON LAKE DIKE A	-	TX00004	Federal	CESWF	224	1208350	Water Supply	Hydroelectric, Flood Control, Water Supply, Recreation	Earth	GUADALUPE RIVER	COMAL	TX
YORK CREEK WS SCS SITE 2 DAM	-	TX01543	Local Government	YORK CREEK IMPROVEMENT DISTRICT	48	836	Flood Control	Flood Control, Other	Earth	BULLHEAD HOLLOW	COMAL	TX
YORK CREEK WS SCS SITE 4 DAM	-	TX01544	Local Government	YORK CREEK IMPROVEMENT DISTRICT	38	2458	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	MESQUITE CREEK	COMAL	TX
COMAL RIVER WS SCS SITE 5 DAM	-	TX01545	Local Government	COMAL COUNTY	32	636	Flood Control	Flood Control, Other	Earth	TR-WEST FORK DRY COMAL CREEK	COMAL	TX
COMAL RIVER WS SCS SITE 4 DAM	HERMAN BLANK DAM	TX01546	Local Government	COMAL COUNTY	73	5293	Flood Control	Flood Control, Other	Earth	BEAR CREEK	COMAL	TX
SHAEFERKOETER DAM NO 2	-	TX01547	Private	LAKE OF THE HILLS POA	44	390	Recreation	Recreation	Earth	REBECCA CREEK	COMAL	TX
YORK CREEK WS SCS SITE 3 DAM	-	TX01549	Local Government	YORK CREEK IMPROVEMENT DISTRICT	31	2809	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	WATER HOLE CREEK	COMAL	TX
COMAL RIVER WS SCS SITE 3 DAM	-	TX01550	Local Government	COMAL COUNTY	60	6911	Flood Control	Flood Control, Other	Earth	BLIEDERS CREEK	COMAL	TX
MISSION VALLEY MILLS LAKE DAM	-	TX04371	Private	PLAINS COTTON COOPERATIVE ASSOCIATION	7	74	Other	Other	Gravity	GUADALUPE RIVER	COMAL	TX
KRAUSE LAKE DAM	-	TX04828	Private	KRAUSE	24	70	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TOM CREEK	COMAL	TX
COMAL RIVER WS SCS SITE 1 DAM	-	TX04547	Local Government	COMAL COUNTY	74	6763	Flood Control	Flood Control, Other	Earth	WEST FORK DRY COMAL CREEK	COMAL	TX
LANDA PARK LAKE DAM	-	TX05963	Local Government	CITY OF NEW BRAUNFELS	9	67	Recreation	Recreation	Earth	COMAL RIVER	COMAL	TX
COMAL RIVER WS SCS SITE 2 DAM	-	TX04788	Local Government	COMAL COUNTY	75	19024	Flood Control	Flood Control, Other	Rockfill	DRY COMAL CREEK	COMAL	TX

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	SKI LAKES DAM NO 1	-	TX07152	Private	HILLTOP HOLDINGS INC	12	130	Recreation	Recreation	Earth	TR- WATER HOLE CREEK	COMAL	TX
	SKI LAKES DAM NO 3	-	TX07153	Private	HILLTOP HOLDINGS INC	12	56	Recreation	Recreation	Earth	OFF-CHANNEL	COMAL	TX
	YORK CREEK WS SCS SITE 1 DAM	-	TX01548	Local Government	YORK CREEK IMPROVEMENT DISTRICT	81	4570	Flood Control	Flood Control, Other	Earth	YORK CREEK	COMAL	TX

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
TRIPLE S LAKE NO 1 DAM	-	TX01711	Private	TRIPLE S RANCH	16	288	Recreation	Water Supply, Recreation	Earth	TR-HORSE CREEK	FRIO	TX
SIRRIANNI LAKE DAM	-	TX01712	Private	SIRRIANNI	20	112	Recreation	Water Supply, Recreation	Earth	TR-FRIO RIVER	FRIO	TX
ESCHENBURG LAKE DAM	-	TX01713	Private	ESCHENBURG	19	334	Water Supply	Water Supply	Earth	TR-SECO CREEK	FRIO	TX
MORROW LAKE NO 1 DAM	-	TX01715	Private	MORROW	23	322	Water Supply	Water Supply	Earth	BUCKHORN CREEK	FRIO	TX
MORROW LAKE NO 2 DAM	-	TX01716	Private	MORROW	19	213	Water Supply	Water Supply	Earth	TR-BUCKHORN CREEK	FRIO	TX
DERBY DAM	-	TX01717	Private	DERBY DAM	11	216	Irrigation	Irrigation	Gravity	FRIO RIVER	FRIO	TX
THOMPSON LAKE DAM	-	TX01718	Private	LAZY T CATTLE COMPANY	13	520	Recreation	Water Supply, Recreation	Earth	MARTIN BRANCH	FRIO	TX
BURNS RESERVOIR DAM	-	TX01719	Private	BURNS	13	1525	-	-	Earth	MARTIN BRANCH	FRIO	TX
COX RESERVOIR DAM	-	TX01720	Private	LUCKEY CUSTOM FEEDLOT INC	18	419	Irrigation	Irrigation	Earth	TR-CHACON CREEK	FRIO	TX
TRIPLE S LAKE NO 2 DAM	-	TX01710	Private	TRIPLE S RANCH	16	960	Recreation	Water Supply, Recreation	Earth	HORSE CREEK	FRIO	TX
MORROW DAM NO 3	-	TX04578	Private	MORROW	15	96	Irrigation	Irrigation, Fire Protection, Stock, Or Small Fish Pond	Earth	BUCKHORN CREEK	FRIO	TX
MORROW DAM NO 4	-	TX04579	Private	MORROW	14	252	Irrigation	Irrigation, Water Supply	Earth	BUCKHORN CREEK	FRIO	TX
KYOTE LAKE DAM	-	TX04580	Private	PERRON	10	104	Water Supply	Water Supply	Earth	PADILLA CREEK	FRIO	TX
COUNTY LINE TANK DAM	-	TX04581	Private	NIXON LUCILLE AND DILLARD R	14	62	Water Supply	Water Supply	Earth	TR-WEST CLEAR CREEK	FRIO	TX
MIRACLE LAKE DAM	-	TX04582	Private	HINDES JR	37	1529	Water Supply	Water Supply	Earth	TR-LIVEOAK CREEK	FRIO	TX
HOLCOMB RESERVOIR DAM	-	TX04577	Private	ESTER A SCHLETZE ET AL	12	480	Irrigation	Irrigation, Recreation	Earth	ELM CREEK	FRIO	TX

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	VINCENT LAKE DAM	-	TX01714	Private	WILLIAM W PERRON ET AL	14	135	Water Supply	Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	BECERRO CREEK	FRIO	TX

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
WILLIAMS CREEK WS SCS SITE 3 DAM	-	TX02545	Local Government	GILLESPIE COUNTY WCID 1	50	1847	Flood Control	Flood Control	Earth	WEST FORK WILLIAMS CREEK	GILLESPIE	TX
WILLIAMS CREEK WS SCS SITE 1 DAM	-	TX02547	Local Government	GILLESPIE COUNTY WCID 1	46	2639	Flood Control	Flood Control	Earth	EAST FORK WILLIAMS CREEK	GILLESPIE	TX
LADY BIRD JOHNSON PARK DAM	-	TX02548	Local Government	CITY OF FREDERICKSBURG	23	100	Recreation	Recreation	Gravity	LIVE OAK CREEK	GILLESPIE	TX
LONGHORN LAKE DAM	-	TX02549	Private	BOOT RANCH DEVELOPMENT LP	36.7	260	Recreation	Recreation	Earth	PALO ALTO CREEK	GILLESPIE	TX
PETERSEN SITE 1 LAKE	-	TX02550	Private	PETERSEN	28	75	Irrigation	Irrigation	Earth	RILEY CREEK	GILLESPIE	TX
WILLIAMS CREEK WS SCS SITE 4 DAM	-	TX02543	Local Government	GILLESPIE COUNTY WCID 1	46	1135	Flood Control	Flood Control	Earth	TR-WEST FORK WILLIAMS CREEK	GILLESPIE	TX
MATHISEN LAKE DAM	-	TX05044	Private	MATHISEN	31	115	Water Supply	Water Supply	Earth	TR-PALO ALTO CREEK	GILLESPIE	TX
TIERRA LINDA LOWER DAM	-	TX04308	Private	TIERRA LINDA RANCH HOMEOWNERS ASSOC	25	206	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	INDIAN BRANCH	GILLESPIE	TX
TIERRA LINDA UPPER DAM	-	TX04309	Private	TIERRA LINDA RANCH HOMEOWNERS ASSOC	29	142	Fire Protection, Stock, Or Small Fish Pond	Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	INDIAN BRANCH	GILLESPIE	TX
BOOT RANCH DAM 1441	-	TX07201	Private	BOOT RANCH DEVELOPMENT LP	28	93	Irrigation	Irrigation	Earth	PALO ALTO CREEK	GILLESPIE	TX
BEAVER LAKE DAM	-	TX09507	Private	BOOT RANCH DEVELOPMENT LP	22	30.25	Recreation	Recreation	Earth	TR-PALO ALTO CREEK	GILLESPIE	TX
BOOT RANCH DAM 1440 NO 2	-	TX07209	Private	BOOT RANCH DEVELOPMENT LP	22.2	59.3	Recreation	Recreation	Earth	PALO ALTO CREEK	GILLESPIE	TX

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	VOIGT LAKE DAM	-	TX05043	Private	VOIGT	31	98	Water Supply	Water Supply	Earth	MAYER CREEK	GILLESPIE	TX
	WILLIAMS CREEK WS SCS SITE 2 DAM	-	TX02546	Local Government	GILLESPIE COUNTY WCID 1	41	1341	Flood Control	Flood Control	Earth	MIDDLE FORK WILLIAMS CREEK	GILLESPIE	TX

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- County = 'GUADALUPE'
- State = 'TX'

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
YORK CREEK WS SCS SITE 6 DAM	-	TX01605	Local Government	YORK CREEK IMPROVEMENT DISTRICT	31	877	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX
ROSE LAKE DAM	SALT LAKE	TX01596	Private	PAPE	28	1450	Irrigation	Irrigation	Earth	TR-SAN MARCOS RIVER	GUADALUPE	TX
HOLMES LAKE DAM	-	TX01597	Private	HOLMES JR	24	298	Recreation	Recreation	Earth	SANDY HOLLOW	GUADALUPE	TX
BISHOP LAKE DAM	-	TX01598	Private	BISHOP	11	85	Irrigation	Irrigation	Earth	TR-GUADALUPE RIVER	GUADALUPE	TX
LAKE MEADOW DAM	TP-5 DAM	TX01599	Public Utility	GUADALUPE-BLANCO RIVER AUTHORITY	27	3100	Hydroelectric	Hydroelectric	Earth	GUADALUPE RIVER	GUADALUPE	TX
LAKE PLACID DAM	TP-4 DAM	TX01600	Public Utility	GUADALUPE-BLANCO RIVER AUTHORITY	25	5400	Hydroelectric	Hydroelectric	-	GUADALUPE RIVER	GUADALUPE	TX
YORK CREEK WS SCS SITE 8 DAM	-	TX01606	Local Government	YORK CREEK IMPROVEMENT DISTRICT	31	869	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 16 DAM	-	TX01608	Local Government	YORK CREEK IMPROVEMENT DISTRICT	36	837	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 7 DAM	-	TX01609	Local Government	YORK CREEK IMPROVEMENT DISTRICT	38	994	Flood Control	Flood Control, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 10 DAM	-	TX01610	Local Government	YORK CREEK IMPROVEMENT DISTRICT	40	2987	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	LONG CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 13 DAM	MOELLER LAKE	TX01611	Local Government	YORK CREEK IMPROVEMENT DISTRICT	33	5045	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	COTTONWOOD CREEK	GUADALUPE	TX

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YORK CREEK WS SCS SITE 14 DAM	-	TX01612	Local Government	YORK CREEK IMPROVEMENT DISTRICT	25	1006	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-COTTONWOOD CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 15 DAM	-	TX01613	Local Government	YORK CREEK IMPROVEMENT DISTRICT	36	770	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-COTTONWOOD CREEK	GUADALUPE	TX
LAKE MCQUEENEY DAM	TP-3 DAM	TX01601	Public Utility	GUADALUPE-BLANCO RIVER AUTHORITY	40	5050	Hydroelectric	Hydroelectric	Earth	GUADALUPE RIVER	GUADALUPE	TX
LAKE DUNLAP DAM	TP-1 DAM	TX01602	Public Utility	GUADALUPE-BLANCO RIVER AUTHORITY	41	5900	Hydroelectric	Hydroelectric	Earth	GUADALUPE RIVER	GUADALUPE	TX
YORK CREEK WS SCS SITE 11 DAM	-	TX01603	Local Government	YORK CREEK IMPROVEMENT DISTRICT	34	2491	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX
MAX STARCKE DAM	-	TX04615	Local Government	CITY OF SEGUIN	16	425	Water Supply	Irrigation, Hydroelectric, Water Supply	Earth	GUADALUPE RIVER	GUADALUPE	TX
TX NO NAME NO 46 DAM	-	TX05496	Private	TX NO NAME NO 46 DAM	10	68	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-YORK CREEK	GUADALUPE	TX
BAKER LAKE DAM	-	TX05498	Private	BAKER	30	236	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-BRUSHY CREEK	GUADALUPE	TX
CARTER LAKE DAM	-	TX05499	Private	CARTER	9	72	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-WOLF CREEK	GUADALUPE	TX
DIETZ LAKE DAM	-	TX05500	Private	DIETZ	25	114	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MILL CREEK	GUADALUPE	TX
GUADALUPE SKI - PLEX LEVEE	-	TX06309	Private	GUADALUPE SKI-PLEX HOMEOWNERS ASSOCIATION INC	10	230	Recreation	Recreation	Earth	OFF CHANNEL	GUADALUPE	TX
GARY COOPER DAM	-	TX07143	Private	GARY COOPER	22	115	-	-	-	COTTONWOOD CREEK	GUADALUPE	TX
BOBBY HOLLUB GSS	-	TX07160	Private	HOLLUB	20	90.9	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR NASH CREEK	GUADALUPE	TX
COOPER DAM	-	TX07041	Private	COOPER	26	115	Fire Protection, Stock, Or Small Fish Pond	Flood Control, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-COTTONWOOD CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 9 DAM	-	TX01607	Local Government	YORK CREEK IMPROVEMENT DISTRICT	28	756	Flood Control	Flood Control, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX
YORK CREEK WS SCS SITE 12 DAM	-	TX01604	Local Government	YORK CREEK IMPROVEMENT DISTRICT	46	1459	Flood Control	Flood Control, Fire Protection, Stock, Or Small Fish Pond, Debris Control	Earth	TR-YORK CREEK	GUADALUPE	TX

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- County = 'GUADALUPE'
- County = 'KARNES'
- State = 'TX'

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
ESCONDIDO CREEK WS SCS SITE 6 DAM	-	TX02037	Public Utility	SAN ANTONIO RIVER AUTHORITY	36	1430	Flood Control	Flood Control	Earth	TR-BUCKER CREEK	KARNES	TX
BEST LAKE DAM	-	TX02043	Private	BEST	18	130	Water Supply	Water Supply	Earth	TR-WEEDY CREEK	KARNES	TX
WEDDINGTON LAKE NO 1 DAM	-	TX02044	Private	WEDDINGTON	14	224	Water Supply	Water Supply	Earth	MEXICAN HOLLOW	KARNES	TX
TESSMAN LAKE DAM	-	TX02046	Private	TESSMAN	22	158	Recreation	Recreation	Earth	TR-SAN ANTONIO RIVER	KARNES	TX
NIESCHWIETZ LAKE DAM	-	TX02048	Private	NIESCHWIETZ	13	182	Water Supply	Water Supply	Earth	TR-CONQUISTA CREEK	KARNES	TX
PAWELEK LAKE NO 1 DAM	-	TX02026	Private	TITZMAN	18	216	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MULIFEST CREEK	KARNES	TX
PAWELEK LAKE NO 2 DAM	-	TX02027	Private	TITZMAN	17	160	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MULIFEST CREEK	KARNES	TX
ESCONDIDO CREEK WS SCS SITE 2 DAM	-	TX02033	Public Utility	SAN ANTONIO RIVER AUTHORITY	32	1493	Flood Control	Flood Control	Earth	PANTHER CREEK	KARNES	TX
ESCONDIDO CREEK WS SCS SITE 3 DAM	-	TX02034	Public Utility	SAN ANTONIO RIVER AUTHORITY	41	3180	Flood Control	Irrigation, Flood Control	Earth	DOE BRANCH	KARNES	TX
HONDO CREEK WS SCS SITE 1 DAM	-	TX02028	Local Government	KARNES COUNTY SWCD	41	6288	Flood Control	Flood Control	Earth	HONDO CREEK	KARNES	TX
HONDO CREEK WS SCS SITE 3 DAM	-	TX02029	Local Government	KARNES COUNTY SWCD	27	1800	Flood Control	Flood Control	Earth	TR-HONDO CREEK	KARNES	TX
HONDO CREEK WS SCS SITE 2	-	TX02030	Local Government	KARNES COUNTY SWCD	42	1945	Flood Control	Flood Control	Earth	ROCK HOLLOW	KARNES	TX

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	DAM												
	ESCONDIDO CREEK WS SCS SITE 11 DAM	-	TX02031	Public Utility	SAN ANTONIO RIVER AUTHORITY	37	7523	Flood Control	Flood Control	Earth	DRY ESCONDIDO CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 7 DAM	-	TX02038	Public Utility	SAN ANTONIO RIVER AUTHORITY	30	1799	Flood Control	Flood Control	Earth	BUCKER CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 8 DAM	-	TX02039	Public Utility	SAN ANTONIO RIVER AUTHORITY	33	2082	Flood Control	Flood Control	Earth	OLMOS CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 9 DAM	-	TX02040	Public Utility	SAN ANTONIO RIVER AUTHORITY	30	4330	Flood Control	Irrigation, Flood Control	Earth	ESCONDIDO CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 10 DAM	-	TX02041	Public Utility	SAN ANTONIO RIVER AUTHORITY	30	1775	Flood Control	Flood Control	Earth	TR-ESCONDIDO CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 13 DAM	-	TX02042	Public Utility	SAN ANTONIO RIVER AUTHORITY	39	4060	Flood Control	Flood Control	Earth	PANTHER CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 4 DAM	-	TX02035	Public Utility	SAN ANTONIO RIVER AUTHORITY	32	3743	Flood Control	Irrigation, Flood Control	Earth	DOE BRANCH	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 5 DAM	-	TX02036	Public Utility	SAN ANTONIO RIVER AUTHORITY	28	679	Flood Control	Flood Control	Earth	TR-BUCKER CREEK	KARNES	TX
	OLINICK DAM	-	TX04314	Private	OLINICK	13	86	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	OFF CH-CIBOLO CREEK	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 12 DAM	-	TX04315	Public Utility	SAN ANTONIO RIVER AUTHORITY	28	3388	Flood Control	Flood Control	Earth	BUCKER CREEK	KARNES	TX
	NANCE LAKE DAM	TX NO NAME NO 15 DAM	TX05221	Private	NANCE	24	107	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ELM CREEK	KARNES	TX
	TX NO NAME NO 16 DAM	-	TX05222	Private	TX NO NAME NO 16 DAM	14	136	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	HORD CREEK	KARNES	TX
	ECLETO CREEK WS SCS SITE 4 DAM	-	TX06912	Local Government	ECLETO CREEK WATERSHED DISTRICT	34	3910	Flood Control	Flood Control	Earth	TR-ECLETO CREEK	KARNES	TX
	ECLETO CREEK WS SCS SITE 6 DAM	-	TX06913	Local Government	ECLETO CREEK WATERSHED DISTRICT	27	1925	Flood Control	Flood Control	Earth	PRIDGEON CREEK	KARNES	TX
	COATES ESTATE LAKE DAM	-	TX06729	Private	WILLIAMS	20	154	Recreation	Recreation, Fire Protection, Stock, Or Small	Earth	TR-SHOCKLEY CREEK	KARNES	TX

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								Fish Pond, Fish and Wildlife Pond				
	PANNA MARIA TAILINGS POND DAM	-	TX05798	Private	CHEVRON RESOURCES COMPANY	60	4598	Tailings	Tailings	Earth	OFF CH-LAKE SLOUGH	KARNES	TX
	WEDDINGTON LAKE NO 2 DAM	-	TX02045	Private	WEDDINGTON FARM	17	103	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MEXICAN HOLLOW	KARNES	TX
	ESCONDIDO CREEK WS SCS SITE 1 DAM	-	TX02032	Public Utility	SAN ANTONIO RIVER AUTHORITY	37	1791	Flood Control	Flood Control	Earth	TR-PANTHER CREEK	KARNES	TX
	KORTH LAKE DAM	-	TX02025	Private	VICKERS ELLEN ANN AND STUBBS LOU EDA	14	157	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	PRIDGEON CREEK	KARNES	TX

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Go Reports 1. Primary Report Actions

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
INGRAM LAKE DAM	NEW LAKE INGRAM	TX02453	Local Government	KERR COUNTY	20	480	Recreation	Flood Control, Recreation	Earth	GUADALUPE RIVER	KERR	TX
APACHE SPRINGS DAM	-	TX02455	Private	APACHE SPRINGS LP	25	277	Recreation	Recreation	Earth	FESSENDEN BRANCH	KERR	TX
PRISON CANYON DAM	-	TX02456	Private	WALTERS INVESTMENTS LP	40	830	Irrigation	Irrigation, Recreation	Earth	PRISON CANYON CREEK	KERR	TX
KERRVILLE LAKE DAM	FLAT ROCK DAM	TX02457	Local Government	KERR COUNTY	20	820	Recreation	Recreation	Earth	GUADALUPE RIVER	KERR	TX
CENTER POINT LAKE DAM	LIONS CLUB DAM; DAM C	TX02458	Local Government	KERR COUNTY	18	87	Recreation	Flood Control, Recreation	Concrete	GUADALUPE RIVER	KERR	TX
RODEN LAKE DAM	-	TX04750	Private	WHISPER VALLEY RANCH	40	497	Recreation	Recreation	Earth	PALMER CREEK	KERR	TX
TUCK LAKE DAM	-	TX05041	Private	PECAN VALLEY PROPERTY OWNERS ASSOCIATION	21	178	Recreation	Recreation	Earth	ELM CREEK	KERR	TX
POOLE LAKE DAM	-	TX05048	Federal	FEDERAL DEPOSIT INSURANCE CORPORATION	26	230	Water Supply	Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	BEAR HOLLOW BRANCH	KERR	TX
WILLIS LAKE DAM	-	TX05049	Private	DAVIS	13	200	Recreation	Recreation	Earth	TEGENER CREEK	KERR	TX
ART WERNER 71 RANCH LAKE DAM	-	TX05050	Private	JESSICA HOBBY CATTO MADRONA RANCH	18	320	Recreation	Recreation	Earth	WALLACE CREEK	KERR	TX
SOUTH DAM	-	TX04854	Private	GARCIA	29	52	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-GOAT CREEK	KERR	TX
KERRVILLE PONDING DAM	-	TX04650	Local Government	CITY OF KERRVILLE	21	2499	Water Supply	Irrigation, Water Supply	-	GUADALUPE RIVER	KERR	TX
TOWN CREEK DAM	-	TX04310	Private	MILLER WILLIAM KOLB	25	268	Recreation	Recreation	Earth	TOWN CREEK	KERR	TX

NID Detail Report

	NO 1				AND MILLER ET								
	BIG LAKE LOS MANZANOS DAM	-	TX04863	Private	SHELTON RANCHES INC	13	112	Water Supply	Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	JOHNSON CREEK	KERR	TX
	CAMP LA JUNTA DAM	-	TX09244	Private	CAMP LA JUNTA INC	12	25	Recreation	Recreation	-	SOUTH FORK GUADALUPE RIVER	KERR	TX
	CONCORD OIL DAM	-	TX06212	Private	STORY	28	42	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-ELM CREEK	KERR	TX
	NEW WALTERS DAM	-	TX06339	Private	WALTERS	22	160	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	PALMER CREEK	KERR	TX
	BEE CAVES CREEK DAM	-	TX07105	Private	GUADALUPE RIVER RANCH PROPERTY OWNERS ASSOCIATION	10	184	Recreation	Recreation	-	BEE CAVES CREEK	KERR	TX
	OKEEFE DAM	AHERN DAM OR TRES MONTANAS RANCH DAM	TX06374	Private	SELIG	31	68	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	MASON CREEK	KERR	TX
	SABIN DAM	-	TX06417	Private	RL SABIN ESTATE	17	125	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TOWN CREEK	KERR	TX
	RIVERHILL LAKE DAM	-	TX04408	Private	RIVERHILL COUNTRY CLUB INC	23	250	Irrigation	Irrigation, Recreation	Earth	CAMP MEETING CREEK	KERR	TX
	LAKE HAPPY DAM	-	TX05884	State	KERRVILLE STATE HOSPITAL	30	84	Recreation	Recreation	Earth	TR-GUADALUPE RIVER	KERR	TX
	DEARING DAM	-	TX06210	Private	DEARING	20	76	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-BRUINS CREEK	KERR	TX
	LICH DAM	-	TX06211	Private	LICH	27	23	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-NORTH FORK CYPRESS CREEK	KERR	TX
	UPPER LAKE LOS MANZANOS DAM	-	TX05820	Private	SHELTON RANCHES INC	12	76	Irrigation	Irrigation, Recreation	Buttress	JOHNSON CREEK	KERR	TX
	TOWN CREEK DAM NO 4	-	TX04311	Private	OLAFSON	25.2	173	Water Supply	Water Supply	Earth	TOWN CREEK	KERR	TX
	LANGFORD DAM	-	TX06213	Private	LANGFORD	31	47	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-BEAR CREEK	KERR	TX

NID Detail Report

	CULLUM ESTATE NO 1 DAM	-	TX02454	Private	CHLOE CULLUM KEARNEY ET AL	12	112	Irrigation	Irrigation, Water Supply, Recreation	Gravity	NORTH FORK GUADALUPE RIVER	KERR	TX

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
GEO WILSON LAKE NO 1 DAM	-	TX01780	Private	WILSON	25	210	Water Supply	Water Supply	Earth	TR-HONDO CREEK	MEDINA	TX
WILSON LAKE DAM	-	TX01782	Private	WILSON	15	1500	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	SQUIRREL CREEK	MEDINA	TX
CHACON DAM	CHICON	TX01783	Local Government	BEXAR MEDINA ATASCOSA COUNTIES WCID 1	15	2312	Irrigation	Irrigation	Earth	CHACON CREEK	MEDINA	TX
TWIN LAKE ESTATES EAST LAKE DAM	-	TX01784	Private	LAKECROFT BEACH ESTATES INC	22	260	Recreation	Recreation	Earth	TR-WEST PRONG ATASCOSA RIVER	MEDINA	TX
TWIN LAKE ESTATES WEST LAKE DAM	-	TX01785	Private	LAKECROFT BEACH ESTATES INC	18	165	Recreation	Recreation	Earth	TR-WEST PRONG ATASCOSA RIVER	MEDINA	TX
GABE LAKE DAM	-	TX01786	Private	GABE R HANS ESTATE	23	320	Water Supply	Water Supply	Earth	ELM CREEK	MEDINA	TX
MEDINA LAKE DAM	-	TX01787	Local Government	BEXAR MEDINA ATASCOSA COUNTIES WCID 1	165	327250	Irrigation	Irrigation	Gravity	MEDINA RIVER	MEDINA	TX
EAST ELM TRIB DAM 1	-	TX01789	Private	EAST ELM TRIB DAM 1	20	150	Recreation	Recreation	Earth	TR-EAST ELM CREEK	MEDINA	TX
FRIO TRIB DAM 1	-	TX01790	Private	FRIO TRIB DAM 1	20	170	Water Supply	Water Supply	Earth	TR-FRIO RIVER	MEDINA	TX
FARLEY CLARA DAM	-	TX01791	Private	FARLEY	16	115	Water Supply	Water Supply	Earth	TR-WEST SQUIRREL CREEK	MEDINA	TX
RICHARDSON LAKE DAM	-	TX01792	Private	RICHARDSON	23	210	Water Supply	Water Supply	Earth	EAST SQUIRREL CREEK	MEDINA	TX

NID Detail Report

	PRIMOS LAKE DAM	-	TX01793	Private	PRIMOS COMPANY	21	340	Recreation	Recreation	Earth	LIVE OAK CREEK	MEDINA	TX
	TX NO NAME NO 5 DAM	-	TX01794	Private	TX NO NAME NO 5 DAM	15	120	Recreation	Recreation	Earth	TR-SECO CREEK	MEDINA	TX
	LEINWEBER LAKE DAM	-	TX01796	Private	LEINWEBER	21	146	Recreation	Recreation, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-HONDO CREEK	MEDINA	TX
	MUMME LAKE DAM	-	TX01797	Private	HARRIS	24	220	Recreation	Recreation	Earth	TR-PARKERS CREEK	MEDINA	TX
	COLLINS LAKE DAM	-	TX01798	Private	COLLINS	15	300	Recreation	Recreation	Earth	TR-PARKERS CREEK	MEDINA	TX
	BADER LAKE DAM	-	TX04572	Private	BADER	31	220	Flood Control	Flood Control, Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	TR-HONDO CREEK	MEDINA	TX
	JONES LAKE DAM	-	TX04573	Private	JONES	16	64	Water Supply	Water Supply	Earth	CHERRY CREEK	MEDINA	TX
	SCHUCHART LAKE DAM	-	TX04574	Private	SCHUCHART	22	140	Water Supply	Water Supply	Earth	MESQUITE CREEK	MEDINA	TX
	GOETH LAKE DAM	-	TX04575	Private	GOETH	15	66	Water Supply	Water Supply	Earth	TR-CHACON CREEK	MEDINA	TX
	MCWILLIAMS & WIMBERLEY DEV CORP DAM	-	TX04312	Private	MCWILLIAMS G AND WIMBERLEY DEV CO	27	120	Irrigation	Irrigation	Earth	OFF CH-HONDO CREEK	MEDINA	TX
	MIDDE VERDE RECHARGE DAM	-	TX04829	Local Government	EDWARDS AQUIFER AUTHORITY	22	159	Other	Other	-	MIDDLE VERDE CREEK	MEDINA	TX
	PEACOCK LAKE DAM	-	TX05219	Private	PEACOCK	13	160	-	-	Earth	TR-SECO CREEK	MEDINA	TX
	MORRIS DAM	-	TX06292	Private	MORRIS	31	59	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-MIDDLE VERDE CREEK	MEDINA	TX
	SAN GERONIMO CREEK RECHARGE DAM	-	TX04426	Local Government	EDWARDS AQUIFER AUTHORITY	22	470	Other	Other	Gravity	SAN GERONIMO CREEK	MEDINA	TX
	NEW LANGFORD LAKE DAM	-	TX04576	Private	WILLIAMS	19	68	Water Supply	Water Supply, Fire Protection, Stock, Or Small Fish Pond	Earth	CYPRESS CREEK	MEDINA	TX
	SECO CREEK WS SCS SITE 11 DAM	PARKERS CREEK LAKE DAM	TX01795	Local Government	EDWARDS AQUIFER AUTHORITY	48	6657	Other	Flood Control, Other	Earth	PARKERS CREEK	MEDINA	TX
	SECO CREEK RECHARGE DAM	-	TX05828	Local Government	EDWARDS AQUIFER AUTHORITY	14	50	Other	Other	Earth	SECO CREEK	MEDINA	TX

NID Detail Report

	PEARSON DAM	-	TX07110	Local Government	BEXAR MEDINA ATASCOSA COUNTIES WCID 1	42	1759	Irrigation	Irrigation	Earth	OFF CHANNEL - MEDINA CANAL	MEDINA	TX
	MEDINA DIVERSION LAKE DAM	-	TX01788	Local Government	BEXAR MEDINA ATASCOSA COUNTIES WCID 1	62	4500	Irrigation	Irrigation	Gravity	MEDINA RIVER	MEDINA	TX
	FASELER LAKE DAM	-	TX05220	Private	FASELER	15	100	-	-	Earth	TR-SECO CREEK	MEDINA	TX
	GEO WILSON LAKE NO 2 DAM	-	TX01781	Private	WILSON	20	120	Water Supply	Water Supply	Earth	TR-HONDO CREEK	MEDINA	TX

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NID Detail Report

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Dam Name	Other Dam Name	NIDID	Owner Type	Owner_Name	NID Height (Ft.)	NID Storage	Primary Purpose	All Purposes	Dam Type	River	County	State
EL NEGRO RANCH LAKE DAM	-	TX03696	Private	EL NEGRO RANCH	35	392	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-SHOCKLEY CREEK	WILSON	TX
KOTZUR LAKE DAM	-	TX03688	Private	KOTZUR	19	137	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-MARCELINAS CREEK	WILSON	TX
KILGORE LAKE DAM	-	TX03689	Private	KILGORE	13	78	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-SULPHUR CREEK	WILSON	TX
SEALE RANCH LAKE DAM	-	TX03690	Private	SEALE	12	58	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-OLMOS CREEK	WILSON	TX
CONNALLY LAKE NO 2 DAM	-	TX03692	Private	CONNALLY	20	1144	Irrigation	Irrigation, Water Supply	Earth	CONNALLY CREEK	WILSON	TX
COATES ESTATE LAKE NO 1 DAM	-	TX03693	Private	COATES	15	144	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ELM CREEK	WILSON	TX
WEINERT RANCH RESERVOIR DAM	-	TX03695	Private	BLUMBERG	14	336	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ELM CREEK	WILSON	TX
DAGEN LAKE DAM	-	TX05223	Private	DAGEN BROS	16	84	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	GUM BRANCH	WILSON	TX
TX NO NAME NO 17 DAM	-	TX05224	Private	TX NO NAME NO 17 DAM	13	120	-	-	Earth	MARCELINAS CREEK	WILSON	TX
GRIMES LAKE DAM	-	TX05226	Private	GRIMES	15	154	-	-	Earth	SULPHUR CREEK	WILSON	TX
STORY DAM	-	TX07123	Private	STORY	25	2100	Irrigation	Irrigation	Earth	ELM CREEK	WILSON	TX
ECLETO CREEK WS	-	TX07263	Local Government	ECLETO CREEK	31	3340	Flood Control	Flood Control	Earth	TR-ECLETO CREEK	WILSON	TX

NID Detail Report

	NRCS SITE 3 DAM				WATERSHED DISTRICT								
	CHANDLER DAM	-	TX06260	Private	STRUMK SAM AND STAGGS LEO	14	168	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond, Fish and Wildlife Pond	Earth	TR-PULASKI CREEK	WILSON	TX
	LAKEVIEW ESTATES DAM	-	TX06839	Private	LAKEVIEW ESTATES	21	133	Fish and Wildlife Pond	Recreation, Fish and Wildlife Pond	Earth	Tr-Cibolo	WILSON	TX
	CONNALLY LAKE NO 1 DAM	-	TX03691	Private	CONNALLY	25	850	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-PICOSA CREEK	WILSON	TX
	TX NO NAME NO 18 DAM	-	TX05225	Private	TX NO NAME NO 18 DAM	17	164	-	-	Earth	RYMES CREEK	WILSON	TX
	COATES ESTATE LAKE NO 2 DAM	-	TX03694	Private	COATES	15	120	Fire Protection, Stock, Or Small Fish Pond	Fire Protection, Stock, Or Small Fish Pond	Earth	TR-ELM CREEK	WILSON	TX

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Local Representatives

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L.1 Emergency Management Coordinators (as of 06-01-10)
L.2 Jurisdictional Floodplain Managers (as of 05-11-10)
L.3 Participating Jurisdiction Preparedness Reports from TDEM (as of 06-01-10) and Texas Floodplain Manager and CEO Listing from FEMA (as of 05-11-10)

L.1 Emergency Management Coordinators

In the State of Texas, Emergency Management Coordinators (EMCs) are appointed to their position by the jurisdiction's Chief Executive Officer (CEO). Once the appointment in made, the Texas Division of Emergency Management is notified of the appointment, and the official records are updated. In some cases, municipal jurisdictions and counties may be combined for emergency management and planning purposes.

For many participants in this planning process, the day-to-day business of planning and emergency management is a consolidated effort, sometimes in the absence of any official documentation or agreement. Because of the size and limited resources of many of the participating jurisdictions, informal systems and agreements have been developed by which, for example, a representative from the County may stand on behalf of both the County and one or more incorporated jurisdictions. This approach has the advantage of maximizing staff time and resources as well as insuring that all planning and emergency management efforts are coordinated.

In some cases, the EMC appointed a delegate to act on behalf of the jurisdiction for the duration of the planning process. When this occurred, the EMC was briefed on the process, and was consulted for information. In other cases, a higher-ranking official acted as the jurisdiction's representative for the planning process.

The following table lists the appointed EMCs as of June 01, 2010, when the planning process for the AACOG Regional Hazard Mitigation Plan Update began. Note that some of these positions changed shortly before, during, or after the Kickoff Meeting, and so this table may not represent the current office holder. The table also provides information as to if the EMC personally represented the jurisdiction, if a delegate represented the jurisdiction, or if a higher ranking official represented the jurisdiction.

AACOG Plan Update EMC Summary				
Participating Jurisdiction	**County**	**Appointed Emergency Management Coordinator**	**Actual Representative in Planning Process**	**Explanation for Alternate Representative**
Atascosa County		Charles Garris	Chuck Garris; Diana Bautista (County Judge)	N/A
Charlotte	Atascosa	County EMC	Chuck Garris; Diana Bautista (County Judge)	N/A

AACOG Plan Update EMC Summary				
Participating Jurisdiction	**County**	**Appointed Emergency Management Coordinator**	**Actual Representative in Planning Process**	**Explanation for Alternate Representative**
Christine	Atascosa	County EMC	Chuck Garris; Diana Bautista (County Judge)	N/A
Lytle	Atascosa	County EMC	Chuck Garris; Diana Bautista (County Judge)	N/A
Pleasanton	Atascosa	County EMC	Chuck Garris; Diana Bautista (County Judge)	N/A
Jourdanton	Atascosa	County EMC	Chuck Garris; Diana Bautista (County Judge)	N/A
Poteet	Atascosa	County EMC	Chuck Garris; Diana Bautista (County Judge)	N/A
Bandera County		Carey Reed	Carey Reed	N/A
Bandera	Bandera	Gene Foerster	Carey Reed	Attended on behalf of the City by Gene Foerster, City Administrator and EMC
Bexar County		Ross Coleman	Ross Coleman; Scott Lampright	N/A
Alamo Heights	Bexar	H. C. Buddy Kuhn	H. C. Buddy Kuhn	N/A
Balcones Heights	Bexar	County EMC	Scott Lampright	Scott Lampright was appointed by the EMC to attend on behalf of the County and as the Chair of the Bexar County Mitigation Team
Converse	Bexar	Allen James	Scott Lampright; Raymond Christian (FD);	Allen James no longer holds the position; in the absence of an appointed EMC, Converse opted to join with Bexar County for the purposes of the plan, as they are a very small jurisdiction
Helotes	Bexar	Rick Wall	Rick Wall	N/A
Kirby	Bexar	Coralon Busch	Bryce Holton	Bryce Holton was appointed as EMC during the planning process
Leon Valley	Bexar	Robert Lee	Robert Lee	N/A
Live Oak	Bexar	Gary Woppert	Gary Woppert	N/A
Saint Hedwig	Bexar	County EMC	Scott Lampright; Susann Baker (Council Member)	Scott Lampright was appointed by the EMC to attend on behalf of the County and as the Chair of the Bexar County Mitigation Team
San Antonio	Bexar	Nim Kidd	James Mendoza; Lorenzo Sanchez	Nim Kidd was appointed Interim Chief of TDEM shortly before the kickoff meeting; James Mendoza was the Deputy EMC for the jurisdiction until Lorenzo Sanchez was appointed the new EMC
Somerset	Bexar	County EMC	Scott Lampright; Miguel Cantu (City Manager)	Meetings were attended by Somerset's City Manager

AACOG Plan Update EMC Summary				
Participating Jurisdiction	**County**	**Appointed Emergency Management Coordinator**	**Actual Representative in Planning Process**	**Explanation for Alternate Representative**
Terrell Hills	Bexar	J. Mark Browne	J. Mark Browne; Justin Seibert	N/A
Universal City	Bexar	Ross Wallace	Ross Wallace	N/A
Windcrest	Bexar	Trey Hall	Trey Hall; Charles Lackey	N/A
Von Ormy	Bexar	County EMC	Scott Lampright; Jacqueline Silva	Scott Lampright was appointed by the EMC to attend on behalf of the County and as the Chair of the Bexar County Mitigation Team
Comal County		Carol Edgett	Carol Edgett	N/A
Bulverde	Comal	County EMC	County EMC	N/A
Garden Ridge	Comal	County EMC	County EMC	N/A
New Braunfels	Comal	County EMC	County EMC	N/A
Frio County		Richard Santos	Edward Maldonado; Carlos Garcia (County Judge)	New acting EMC was appointed by County Judge during planning process
Dilley	Frio	County EMC	Edward Maldonado; Carlos Garcia (County Judge)	New acting EMC was appointed by County Judge during planning process
Pearsall	Frio	County EMC	Edward Maldonado; Carlos Garcia (County Judge)	New acting EMC was appointed by County Judge during planning process
Gillespie County		Fredericksburg's EMC	Fredericksburg's EMC	N/A
Fredericksburg	Gillespie	John Culpepper	John Culpepper	N/A
Guadalupe County		Dan Kinsey	Dan Kinsey	N/A
Cibolo	Guadalupe	County EMC	Dan Kinsey	N/A
Seguin	Guadalupe	John Sheppard	Dan Kinsey; Jimmy Harless, Jim Boeck (PD); Greg Dreiss; Gerald Bodin;	County EMC attended on behalf of the City, along with emergency services representatives
Schertz	Guadalupe	Beverly Todd	Beverly Todd	N/A
Karnes County		Shelby Dupnik	Shelby Dupnik	N/A
Falls City	Karnes	Raymond Dziuk	Shelby Dupnik	County EMC attended on behalf of the City
Karnes City	Karnes	Larry Pippen	Shelby Dupnik; Duane DuBose	
Kenedy	Karnes	Mayor	Ford Patton (City Manager); Duane DuBose	Meetings were attended by City Manager or his representative
Runge	Karnes	Fernando Rios III	Homer Rios	N/A
Kerr County		Robert Ojeda	Robert Ojeda; Pat Tinley (County Judge); Clay Barton (SO);	Meetings were attended by County Judge or EMC or his representative
Ingram	Kerr	County EMC	Rowan Zachry	
Kerrville	Kerr	County EMC	Pat Dunlap	
Medina County		Wesley Beck	Wesley Beck	N/A

AACOG Plan Update EMC Summary				
Participating Jurisdiction	**County**	**Appointed Emergency Management Coordinator**	**Actual Representative in Planning Process**	**Explanation for Alternate Representative**
Castroville	Medina	R. L. McVay	Lee McVay	N/A
Devine	Medina	Robert Flores	Robert Flores	N/A
Hondo	Medina	Timothy Fousse	Tim Fousse	N/A
Natalia	Medina	County Judge	Jim Barden (County Judge); Ruby Vera (Mayor)	Meeting was attended by the Mayor and the County Judge
Wilson County		LeAnn Hosek	LeAnn Hosek	N/A
Floresville	Wilson	Daniel Martinez	Andy Joslin (City Manager)	Meetings were attended by City Manager, rather than EMC
La Vernia	Wilson	Robert Hyatt	Robert Hyatt	N/A
Stockdale	Wilson	Edwin Baker	Edwin Baker	N/A

L.2 Jurisdictional Floodplain Managers

Each NFIP participating jurisdiction should have a Floodplain Administrator (FPA), according to the NFIP and FEMA, and the majority (though not all) of the participants in this planning process do have one. In many cases, however, the FPA is an appointed position, and is not a CFM or otherwise experienced floodplain manager. Rather, they are more of a point of contact for floodplain management and regulatory compliance issues.

Participants in this planning process were encouraged to involve their floodplain managers in the plan development process, and many choose to heed this encouragement. For many participants in this planning process, the day-to-day business of planning and floodplain management is a consolidated effort, sometimes in the absence of any official documentation or agreement. Because of the size and limited resources of many of the participating jurisdictions, informal systems and agreements have been developed by which, for example, a representative from the County may stand on behalf of both the County and one or more incorporated jurisdictions. This approach has the advantage of maximizing staff time and resources as well as insuring that all planning and emergency management efforts are coordinated. It also ensures that someone with knowledge of the floodplain issues and concerns of the area is available throughout the process.

The following table lists the FPAs for the participating jurisdictions (as of 05-11-10) as of the Kickoff Meeting for this planning process, and whether or not those FPAs were involved in the planning process, based on the documentation provided.

AACOG Plan Update Floodplain Manager Summary				
Participating Jurisdiction	**County**	**Appointed Floodplain Manager**	**Title**	**Involved in Planning Process?**
Atascosa County		Chuck Garris	Floodplain Administrator	Yes – Attended Local Team Meeting at which MAP was developed

AACOG Plan Update Floodplain Manager Summary				
Participating Jurisdiction	**County**	**Appointed Floodplain Manager**	**Title**	**Involved in Planning Process?**
Charlotte	Atascosa	Norma Zuniga	City Secretary	Deferred to Chuck Garris as County FPA
Christine	Atascosa	NA	NA	Not an NFIP Participant
Lytle	Atascosa	*No FPA Listed*	*No FPA Listed*	Deferred to Chuck Garris as County FPA
Pleasanton	Atascosa	Cathy Coronado	City Manager	Deferred to Chuck Garris as County FPA
Jourdanton	Atascosa	Daniel Nick	City Manager	Deferred to Chuck Garris as County FPA
Poteet	Atascosa	*No FPA Listed*	*No FPA Listed*	Deferred to Chuck Garris as County FPA
Bandera County		Raymundo Rendon	PE, County Engineer	Yes – Attended Local Team Meeting at which MAP was developed
Bandera	Bandera	Gene Foerster	City Administrator	Deferred to Ray Rendon as County FPA
Bexar County		*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Alamo Heights	Bexar	Brian Chandler	Community Development Director	Yes – Attended Local Team Meeting at which MAP was developed
Balcones Heights	Bexar	Delia Flores	City Secretary	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Converse	Bexar	*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Helotes	Bexar	Derek Naiser	City Engineer	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Kirby	Bexar	*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed

AACOG Plan Update Floodplain Manager Summary				
Participating Jurisdiction	**County**	**Appointed Floodplain Manager**	**Title**	**Involved in Planning Process?**
Leon Valley	Bexar	Kristie Flores	Director of Community Development	Yes – Attended Local Team Meeting at which MAP was developed
Live Oak	Bexar	*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Saint Hedwig	Bexar	*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
San Antonio	Bexar	Robert Browning	Chief Storm Water Engineer	Yes – Attended Local Team Meeting at which MAP was developed
Somerset	Bexar	Miguel Cantu	City Administrator	Yes – Attended Local Team Meeting at which MAP was developed
Terrell Hills	Bexar	*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Universal City	Bexar	Wes Keller	FPA	No, but Public Works Director was involved
Windcrest	Bexar	*No FPA Listed*	*No FPA Listed*	David Cadena participated as the Floodplain Coordinator
Von Ormy	Bexar	*No FPA Listed*	*No FPA Listed*	A representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Comal County		Kathy Griffin	Floodplain Administrator	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Bulverde	Comal	John Nowak	Public Works Director	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County

AACOG Plan Update Floodplain Manager Summary				
Participating Jurisdiction	**County**	**Appointed Floodplain Manager**	**Title**	**Involved in Planning Process?**
Garden Ridge	Comal	Mike Bohn, PE	City Engineer	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
New Braunfels	Comal	Robert Kinsey	Building Official	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Frio County		Ralph Morgan	911 Coordinator	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Dilley	Frio	Noel Perez	City Administrator	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Pearsall	Frio	Eric Cortez	Zoning Administrator	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Gillespie County		Dwayne Boos	Floodplain Administrator	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Fredericksburg	Gillespie	Wallace Britton	Floodplain Administrator	Yes – Attended Local Team Meeting at which MAP was developed
Guadalupe County		Jimmy Harless	Assistant Director	Yes – Attended Local Team Meeting at which MAP was developed
Cibolo	Guadalupe	Todd Parton	City Manager / FPA	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Seguin	Guadalupe	Gilbert Durant	Bldg Official/FPA	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Schertz	Guadalupe	Jimmy Hooks	Superintendent of Public Works	Yes – Attended Local Team Meeting at which MAP was developed

AACOG Plan Update Floodplain Manager Summary				
Participating Jurisdiction	**County**	**Appointed Floodplain Manager**	**Title**	**Involved in Planning Process?**
Karnes County		Sharon Chesser	FPA	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Falls City	Karnes	Lauren Sturm	FPA	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Karnes City	Karnes	Larry Pippen	City Manager	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Kenedy	Karnes	Jaime Albiar	Floodplain Administrator	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed
Runge	Karnes	Homer Lott	Mayor	Yes – Attended Local Team Meeting at which MAP was developed
Kerr County		Truby Hardin	Assistant Administrator	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Ingram	Kerr	Howard Jackson	Mayor	No, but the Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Kerrville	Kerr	Bobby Gore	Engineer	Yes – Attended Local Team Meeting at which MAP was developed
Medina County		*No FPA Listed*	*No FPA Listed*	Pat Brawner participated as the current Floodplain Manager for Medina County
Castroville	Medina	Joe Painter	City Administrator	No, but was consulted prior to development of final MAP
Devine	Medina	Darrell Rawlings	Code Compliance Officer	Yes – Attended Local Team Meeting at which MAP was developed

AACOG Plan Update Floodplain Manager Summary				
Participating Jurisdiction	**County**	**Appointed Floodplain Manager**	**Title**	**Involved in Planning Process?**
Hondo	Medina	*No FPA Listed*	*No FPA Listed*	The Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Natalia	Medina	*No FPA Listed*	*No FPA Listed*	The Local Team Meeting was attended by people with knowledge of floodplain issues within the County
Wilson County		LeAnn Hosek	EMA Coordiantor	Yes – Attended Local Team Meeting at which MAP was developed
Floresville	Wilson	Gary Pelech	City Manager	Cyndi Nichols attended Local Team Meeting as the Floodplain coordinator
La Vernia	Wilson	Robert Hyatt	EMC/Police Chief	Yes – Attended Local Team Meeting at which MAP was developed
Stockdale	Wilson	R David Tillery	Public Works Director	No, but a representative from SARA (who has functional responsibility for flood issues in the county) attended Local Team Meeting at which MAP was developed

L.3 Participating Jurisdiction Preparedness Report from TDEM and Texas Floodplain Manager and CEO Listing from FEMA (as of 05-11-10)

The following pages provide the source documentation used to create the above tables. The information on the following pages was obtained from the Texas Division of Emergency Management and from the Texas Water Development Board via FEMA, respectively.

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Atascosa County** PLAN NO: 00700 PLAN RECORD: Primary
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: Charlotte, Christine, Jourdanton, Lytle, Pleasanton, Poteet

Notes:

EMC: Charles Garris RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 7/11/1988 Joint Resolution Date: 6/6/1989
NIMS Adoption Date: 6/13/2005 DEM 147 Date: 8/14/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Charlotte** PLAN NO: 00700 PLAN RECORD: S
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: ATASCOSA COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 11/10/1988 Court Order Date: Joint Resolution Date: 3/9/1989
NIMS Adoption Date: 6/9/2005 DEM 147 Date: 12/23/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Christine** PLAN NO: 00700 PLAN RECORD: S
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: ATASCOSA COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 6/6/1989 Court Order Date: Joint Resolution Date: 6/6/1989
NIMS Adoption Date: 7/12/2005 DEM 147 Date: 1/26/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Jourdanton** PLAN NO: 00700 PLAN RECORD: S
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: ATASCOSA COUNTY

Notes:

EMC: Eric Kaiser RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 7/18/1988 Court Order Date: Joint Resolution Date: 7/18/1988
NIMS Adoption Date: 6/20/2005 DEM 147 Date: 5/7/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Lytle** PLAN NO: 00700 PLAN RECORD: S
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: ATASCOSA COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 9/27/1988 Court Order Date: Joint Resolution Date: 9/27/1988
NIMS Adoption Date: 7/11/2005 DEM 147 Date: 1/26/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Pleasanton** PLAN NO: 00700 PLAN RECORD: S
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: ATASCOSA COUNTY

Notes:

EMC: Kathy Coronado RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 2/6/1989 Court Order Date: Joint Resolution Date: 1/16/1989
NIMS Adoption Date: 7/7/2005 DEM 147 Date: 2/6/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Poteet** PLAN NO: 00700 PLAN RECORD: S
COUNTY: ATASCOSA COG: 18 DisasterDistrict: 6C
ASSOCIATION: ATASCOSA COUNTY

Notes:

EMC: Henry Dominguez RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/30/1998 Court Order Date: Joint Resolution Date: 8/30/1998
NIMS Adoption Date: 6/21/2005 DEM 147 Date: 12/19/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	6/7/2007	7/31/2007	Yes		
A-WARNING	3/20/2008	5/30/2008	Yes		
B-COMMUNICATIONS	5/24/2009	6/11/2009	Yes		
C-SHELTER MASS CARE	9/12/2006	9/13/2006	Yes		
E-EVACUATION	4/27/2010	5/10/2010	Yes		
I-EMER PUBLIC INFO	4/10/2006	5/26/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	7/31/2009	8/27/2009	Yes		
N-DIRECTION CONTROL	7/21/2009	8/27/2009	Yes		
O-HUMAN SERVICES	1/5/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	9/13/2006	Yes		
V-TERRORISM	1/11/2010	3/9/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/24/2006	9/15/2006	Yes		
F-FIREFIGHTING	5/15/2009	6/11/2009	Yes		
G-LAW ENFORCEMENT	6/4/2009	6/11/2009	Yes		
H-HEALTH MEDICAL	7/21/2006	9/15/2006	Yes		
J-RECOVERY	3/20/2006	5/25/2006	Yes		Revise by 5th anniversary of Plan date
K-PUBLIC WORKS	7/30/2006	9/15/2006	Yes		
L-ENERGY UTILITIES	8/2/2006	10/5/2006	Yes		
R-SEARCH & RESCUE	6/21/2007	8/13/2007	Yes		
S-TRANSPORTATION	8/6/2006	10/5/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/24/2009	1/4/2010	Yes		
T-DONATIONS MGMT	6/21/2007	8/13/2007	Yes		
U-LEGAL	12/30/2009	3/9/2010	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Bandera** PLAN NO: 01000 PLAN RECORD: S
COUNTY: BANDERA COG: 18 DisasterDistrict: 6C
ASSOCIATION: BANDERA COUNTY

Notes:

EMC: Gene R. Foerster RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/21/2003 Court Order Date: Joint Resolution Date: 9/4/2003
NIMS Adoption Date: 9/15/2005 DEM 147 Date: 4/19/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/12/2006	3/5/2007	Yes		
A-WARNING	9/12/2006	10/20/2006	Yes		
B-COMMUNICATIONS	9/12/2006	10/20/2006	Yes		
C-SHELTER MASS CARE	9/12/2006	7/3/2007	Yes		
E-EVACUATION	9/12/2006	7/2/2007	Yes		
I-EMER PUBLIC INFO	9/12/2006	3/6/2007	Yes		
M-RESOURCE MGMT	9/12/2006	10/23/2006	Yes		
N-DIRECTION CONTROL	8/28/2006	3/6/2007	Yes		
O-HUMAN SERVICES	9/12/2006	10/23/2006	Yes		
Q-HAZMAT/OIL SPILL	8/28/2006	7/2/2007	Yes		
V-TERRORISM	8/28/2006	3/6/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	8/28/2006	5/29/2007	Yes		
F-FIREFIGHTING	8/28/2006	7/3/2007	Yes		
G-LAW ENFORCEMENT	7/27/2006	10/10/2006	Yes		
H-HEALTH MEDICAL	8/28/2006	5/28/2007	Yes		
J-RECOVERY	7/25/2006	10/10/2006	Yes		
K-PUBLIC WORKS	8/28/2006	5/28/2007	Yes		
L-ENERGY UTILITIES	7/27/2006	3/6/2007	Yes		
R-SEARCH & RESCUE	8/28/2006	5/29/2007	Yes		
S-TRANSPORTATION	7/31/2006	10/11/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	7/27/2006	3/29/2007	Yes		
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL	10/16/2006	5/29/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Bandera County** PLAN NO: 01000 PLAN RECORD: Primary
COUNTY: BANDERA COG: 18 DisasterDistrict: 6C
ASSOCIATION: Bandera

Notes:

EMC: Carey Reed RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 2/8/1971 Joint Resolution Date: 9/4/2003
NIMS Adoption Date: 9/8/2005 DEM 147 Date: 10/7/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/12/2006	3/5/2007	Yes		
A-WARNING	9/12/2006	10/20/2006	Yes		
B-COMMUNICATIONS	9/12/2006	10/20/2006	Yes		
C-SHELTER MASS CARE	9/12/2006	7/3/2007	Yes		
E-EVACUATION	9/12/2006	7/2/2007	Yes		
I-EMER PUBLIC INFO	9/12/2006	3/6/2007	Yes		
M-RESOURCE MGMT	9/12/2006	10/23/2006	Yes		
N-DIRECTION CONTROL	8/28/2006	3/6/2007	Yes		
O-HUMAN SERVICES	9/12/2006	10/23/2006	Yes		
Q-HAZMAT/OIL SPILL	8/28/2006	7/2/2007	Yes		
V-TERRORISM	8/28/2006	3/6/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	8/28/2006	5/29/2007	Yes		
F-FIREFIGHTING	8/28/2006	7/3/2007	Yes		
G-LAW ENFORCEMENT	7/27/2006	10/10/2006	Yes		
H-HEALTH MEDICAL	8/28/2006	5/28/2007	Yes		
J-RECOVERY	7/25/2006	10/10/2006	Yes		
K-PUBLIC WORKS	8/28/2006	5/28/2007	Yes		
L-ENERGY UTILITIES	7/27/2006	3/6/2007	Yes		
R-SEARCH & RESCUE	8/28/2006	5/29/2007	Yes		
S-TRANSPORTATION	7/31/2006	10/11/2006	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	7/27/2006	3/29/2007	Yes		
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL	10/16/2006	5/29/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Alamo Heights** PLAN NO: 01503 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: H.C. "Buddy" Kuhn RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 8/22/2005 DEM 147 Date: 4/14/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/4/2007	7/10/2009	Yes		
A-WARNING	5/11/2009	6/17/2009	Yes		
B-COMMUNICATIONS	9/4/2007	1/29/2008	Yes		
C-SHELTER MASS CARE	5/7/2009	7/10/2009	Yes		
E-EVACUATION	5/11/2009	6/17/2009	Yes		
I-EMER PUBLIC INFO	9/4/2007	7/10/2009	Yes		
M-RESOURCE MGMT	9/4/2007	1/29/2008	Yes		
N-DIRECTION CONTROL	9/4/2007	1/29/2008	Yes		
O-HUMAN SERVICES	5/11/2009	6/17/2009	Yes		
Q-HAZMAT/OIL SPILL	5/7/2009	6/17/2009	Yes		
V-TERRORISM	9/4/2007	1/29/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/4/2007	1/29/2008	Yes		
F-FIREFIGHTING	3/23/2009	5/5/2009	Yes		
G-LAW ENFORCEMENT	3/26/2009	4/22/2009	Yes		
H-HEALTH MEDICAL	3/23/2009	4/22/2009	Yes		
J-RECOVERY	3/23/2009	4/22/2009	Yes		
K-PUBLIC WORKS	3/23/2009	4/22/2009	Yes		
L-ENERGY UTILITIES	3/23/2009	4/22/2009	Yes		
R-SEARCH & RESCUE	3/23/2009	4/22/2009	Yes		
S-TRANSPORTATION	3/26/2009	4/22/2009	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	3/28/2009	4/22/2009	Yes		
T-DONATIONS MGMT	3/25/2009	6/17/2009	Yes		
U-LEGAL	3/23/2009	4/22/2009	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Balcones Heights** PLAN NO: 01500 PLAN RECORD: S
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION: BEXAR COUNTY

Notes:

EMC: County EMC RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 9/8/2008 Court Order Date: 10/21/2008 Joint Resolution Date: 9/8/2008
NIMS Adoption Date: 8/8/2005 DEM 147 Date: 12/28/2009 Mitigation Action Plan Date: 5/10/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	1/10/2010	3/9/2010	Yes		
A-WARNING	10/20/2008	12/11/2008	Yes		
B-COMMUNICATIONS	5/25/2006	7/21/2006	Yes		Revise by 5th anniversary of Plan date
C-SHELTER MASS CARE	12/11/2009	1/21/2010	Yes		
E-EVACUATION	3/31/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	1/25/2010	3/15/2010	Yes		
M-RESOURCE MGMT	8/23/2005	10/18/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	1/26/2010	3/10/2010	Yes		
O-HUMAN SERVICES	1/4/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	2/12/2008	4/23/2008	Yes		
V-TERRORISM	11/30/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/30/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
F-FIREFIGHTING	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
G-LAW ENFORCEMENT	6/30/2006	8/18/2006	Yes		
H-HEALTH MEDICAL	9/10/2009	11/2/2009	Yes		
J-RECOVERY	2/1/2010	3/9/2010	Yes		
K-PUBLIC WORKS	7/19/2006	9/28/2006	Yes		
L-ENERGY UTILITIES	5/29/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	11/15/2006	5/25/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	1/18/2008	4/30/2008	Yes		
T-DONATIONS MGMT	5/30/2007	7/24/2007	Yes		
U-LEGAL	11/13/2008	12/11/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Bexar County** PLAN NO: 01500 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6

ASSOCIATION: Balcones Heights, China Grove, Elemendorf, Fair Oaks Ranch, Grey Forest, Helotes, St. Hedwig, Somerset

Notes:

EMC: Ross Coleman RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 3/30/1981 Joint Resolution Date: 6/11/2002
NIMS Adoption Date: 7/12/2005 DEM 147 Date: 12/28/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	1/10/2010	3/9/2010	Yes		
A-WARNING	10/20/2008	12/11/2008	Yes		
B-COMMUNICATIONS	5/25/2006	7/21/2006	Yes		Revise by 5th anniversary of Plan date
C-SHELTER MASS CARE	12/11/2009	1/21/2010	Yes		
E-EVACUATION	3/31/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	1/25/2010	3/15/2010	Yes		
M-RESOURCE MGMT	8/23/2005	10/18/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	1/26/2010	3/10/2010	Yes		
O-HUMAN SERVICES	1/4/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	2/12/2008	4/23/2008	Yes		
V-TERRORISM	11/30/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/30/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
F-FIREFIGHTING	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
G-LAW ENFORCEMENT	6/30/2006	8/18/2006	Yes		
H-HEALTH MEDICAL	9/10/2009	11/2/2009	Yes		
J-RECOVERY	2/1/2010	3/9/2010	Yes		
K-PUBLIC WORKS	7/19/2006	9/28/2006	Yes		
L-ENERGY UTILITIES	5/29/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	11/15/2006	5/25/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	1/18/2008	4/30/2008	Yes		
T-DONATIONS MGMT	5/30/2007	7/24/2007	Yes		
U-LEGAL	11/13/2008	12/11/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Converse** PLAN NO: 01515 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: Allen James RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 4/15/2003 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/20/2005 DEM 147 Date: 9/4/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	7/1/2008	10/31/2008	Yes		
A-WARNING	6/30/2008	11/10/2008	Yes		
B-COMMUNICATIONS	8/30/2007	3/25/2008	Yes		
C-SHELTER MASS CARE	7/1/2008	11/10/2008	Yes		
E-EVACUATION	6/30/2008	10/21/2008	Yes		
I-EMER PUBLIC INFO	8/29/2007	3/25/2008	Yes		
M-RESOURCE MGMT	8/30/2007	3/25/2008	Yes		
N-DIRECTION CONTROL	8/30/2007	4/14/2008	Yes		
O-HUMAN SERVICES	7/1/2008	10/21/2008	Yes		
Q-HAZMAT/OIL SPILL	6/30/2008	12/16/2008	Yes		
V-TERRORISM	8/29/2007	10/9/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/2/2008	12/11/2008	Yes		
F-FIREFIGHTING	7/2/2008	12/8/2008	Yes		
G-LAW ENFORCEMENT	7/3/2008	12/8/2008	Yes		
H-HEALTH MEDICAL	3/19/2008	12/5/2008	Yes		
J-RECOVERY	7/2/2008	12/8/2008	Yes		
K-PUBLIC WORKS	3/19/2008	3/25/2010	Yes		
L-ENERGY UTILITIES	3/29/2010	3/31/2010	Yes		
R-SEARCH & RESCUE	7/18/2008	12/8/2008	Yes		
S-TRANSPORTATION	7/18/2008	12/11/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	4/19/2010	4/25/2010	Yes		
T-DONATIONS MGMT	4/2/2010	4/8/2010	Yes		
U-LEGAL	7/22/2008	12/8/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Helotes** PLAN NO: 01500 PLAN RECORD: S
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION: BEXAR COUNTY

Notes:

EMC: Rick Wall RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 3/28/2002 Court Order Date: Joint Resolution Date: 3/28/2002
NIMS Adoption Date: 9/8/2005 DEM 147 Date: 12/28/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	1/10/2010	3/9/2010	Yes		
A-WARNING	10/20/2008	12/11/2008	Yes		
B-COMMUNICATIONS	5/25/2006	7/21/2006	Yes		Revise by 5th anniversary of Plan date
C-SHELTER MASS CARE	12/11/2009	1/21/2010	Yes		
E-EVACUATION	3/31/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	1/25/2010	3/15/2010	Yes		
M-RESOURCE MGMT	8/23/2005	10/18/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	1/26/2010	3/10/2010	Yes		
O-HUMAN SERVICES	1/4/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	2/12/2008	4/23/2008	Yes		
V-TERRORISM	11/30/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/30/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
F-FIREFIGHTING	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
G-LAW ENFORCEMENT	6/30/2006	8/18/2006	Yes		
H-HEALTH MEDICAL	9/10/2009	11/2/2009	Yes		
J-RECOVERY	2/1/2010	3/9/2010	Yes		
K-PUBLIC WORKS	7/19/2006	9/28/2006	Yes		
L-ENERGY UTILITIES	5/29/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	11/15/2006	5/25/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	1/18/2008	4/30/2008	Yes		
T-DONATIONS MGMT	5/30/2007	7/24/2007	Yes		
U-LEGAL	11/13/2008	12/11/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Kirby** PLAN NO: 01530 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: Coralon Busch RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 9/16/1982 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/12/2005 DEM 147 Date: 9/9/2002 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	7/14/2005	8/24/2005	Yes		Revise by 5th anniversary of Plan date
A-WARNING	8/15/2008	12/17/2008	Yes		
B-COMMUNICATIONS	7/30/2008	12/5/2008	Yes		
C-SHELTER MASS CARE	8/23/2008	12/17/2008	Yes		
E-EVACUATION	7/30/2008	12/4/2008	Yes		
I-EMER PUBLIC INFO	7/30/2008	12/5/2008	Yes		
M-RESOURCE MGMT	8/18/2008	12/4/2008	Yes		
N-DIRECTION CONTROL	7/31/2008	12/5/2008	Yes		
O-HUMAN SERVICES	8/23/2008	12/5/2008	Yes		
Q-HAZMAT/OIL SPILL	8/19/2008	12/5/2008	Yes		
V-TERRORISM	7/10/2008	12/4/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	8/20/2008	12/4/2008	Yes		
F-FIREFIGHTING	8/22/2008	12/4/2008	Yes		
G-LAW ENFORCEMENT	7/10/2008	12/17/2008	Yes		
H-HEALTH MEDICAL	8/8/2008	1/9/2009	Yes		
J-RECOVERY	8/19/2008	12/11/2008	Yes		
K-PUBLIC WORKS	8/21/2008	12/17/2008	Yes		
L-ENERGY UTILITIES	9/8/2008	12/17/2008	Yes		
R-SEARCH & RESCUE	8/19/2008	12/5/2008	Yes		
S-TRANSPORTATION	8/24/2008	12/11/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/8/2008	12/17/2008	Yes		
T-DONATIONS MGMT	8/23/2008	12/5/2008	Yes	T-22	Update to Correct Deficiencies
U-LEGAL	8/20/2008	12/4/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Leon Valley** PLAN NO: 01539 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: Robert Lee RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Status Pending

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 1/18/1983 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 7/19/2005 DEM 147 Date: 12/14/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	12/13/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
A-WARNING	10/6/2006	5/18/2007	Yes		
B-COMMUNICATIONS	9/27/2006	4/27/2007	Yes		
C-SHELTER MASS CARE	12/14/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
E-EVACUATION	10/6/2006	4/27/2007	Yes		
I-EMER PUBLIC INFO	12/14/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	12/7/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	12/13/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/25/2007	4/21/2008	Yes		
Q-HAZMAT/OIL SPILL	2/20/2004	2/23/2004	Yes		Outdated - Revise/Update
V-TERRORISM	8/7/2008	10/23/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/31/2008	10/23/2008	Yes		
F-FIREFIGHTING	9/27/2006	4/27/2007	Yes		
G-LAW ENFORCEMENT	9/24/2007	4/1/2008	Yes		
H-HEALTH MEDICAL	9/27/2006	8/30/2007	Yes		
J-RECOVERY	9/29/2007	3/19/2008	Yes		
K-PUBLIC WORKS	9/28/2006	4/27/2007	Yes		
L-ENERGY UTILITIES	9/25/2007	4/1/2008	Yes		
R-SEARCH & RESCUE	10/29/2005	4/20/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	7/21/2006	4/27/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	8/10/2006	4/27/2007	Yes		
T-DONATIONS MGMT	9/30/2008	12/8/2008	Yes	T-22	Update to Correct Deficiencies
U-LEGAL	10/2/2008	12/8/2008	Yes	U-18	Update to Correct Deficiencies

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Live Oak** PLAN NO: 01542 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: Gary L. Woppert RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 6/24/2008 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 4/26/2005 DEM 147 Date: 6/24/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	7/1/2008	10/28/2008	Yes		
A-WARNING	4/8/2008	6/11/2008	Yes		
B-COMMUNICATIONS	2/25/2010	3/19/2010	Yes		
C-SHELTER MASS CARE	12/13/2006	5/23/2007	Yes		
E-EVACUATION	10/27/2006	5/21/2007	Yes		
I-EMER PUBLIC INFO	11/20/2009	3/29/2010	Yes		
M-RESOURCE MGMT	1/5/2010	3/16/2010	Yes		
N-DIRECTION CONTROL	11/6/2009	1/21/2010	Yes		
O-HUMAN SERVICES	6/19/2006	7/5/2006	Yes		
Q-HAZMAT/OIL SPILL	12/14/2007	4/16/2008	Yes		
V-TERRORISM	1/27/2010	3/22/2010	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/25/2006	6/8/2006	Yes		Revise by 5th anniversary of Plan date
F-FIREFIGHTING	3/26/2010	4/7/2010	Yes		
G-LAW ENFORCEMENT	4/17/2006	6/8/2006	Yes		Revise by 5th anniversary of Plan date
H-HEALTH MEDICAL	4/15/2006	6/8/2006	Yes		Revise by 5th anniversary of Plan date
J-RECOVERY	2/20/2009	4/10/2009	Yes		
K-PUBLIC WORKS	4/10/2006	6/8/2006	Yes		Revise by 5th anniversary of Plan date
L-ENERGY UTILITIES	6/5/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	3/26/2010	4/7/2010	Yes	See Annex F	
S-TRANSPORTATION	4/23/2010	5/4/2010	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	7/8/2009	7/23/2009	Yes		
T-DONATIONS MGMT	8/14/2009	10/15/2009	Yes		
U-LEGAL	7/2/2007	9/19/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Saint Hedwig** PLAN NO: 01500 PLAN RECORD: S
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION: BEXAR COUNTY

Notes:

EMC: County EMC RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 2/21/2002 Court Order Date: Joint Resolution Date: 6/11/2002
NIMS Adoption Date: 9/1/2005 DEM 147 Date: 12/28/2009 Mitigation Action Plan Date:

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	1/10/2010	3/9/2010	Yes		
A-WARNING	10/20/2008	12/11/2008	Yes		
B-COMMUNICATIONS	5/25/2006	7/21/2006	Yes		Revise by 5th anniversary of Plan date
C-SHELTER MASS CARE	12/11/2009	1/21/2010	Yes		
E-EVACUATION	3/31/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	1/25/2010	3/15/2010	Yes		
M-RESOURCE MGMT	8/23/2005	10/18/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	1/26/2010	3/10/2010	Yes		
O-HUMAN SERVICES	1/4/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	2/12/2008	4/23/2008	Yes		
V-TERRORISM	11/30/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/30/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
F-FIREFIGHTING	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
G-LAW ENFORCEMENT	6/30/2006	8/18/2006	Yes		
H-HEALTH MEDICAL	9/10/2009	11/2/2009	Yes		
J-RECOVERY	2/1/2010	3/9/2010	Yes		
K-PUBLIC WORKS	7/19/2006	9/28/2006	Yes		
L-ENERGY UTILITIES	5/29/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	11/15/2006	5/25/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	1/18/2008	4/30/2008	Yes		
T-DONATIONS MGMT	5/30/2007	7/24/2007	Yes		
U-LEGAL	11/13/2008	12/11/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **San Antonio** PLAN NO: 01551 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: W. Nim Kidd RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 6/2/1988 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/1/2005 DEM 147 Date: 6/2/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/25/2006	9/28/2006	Yes		
A-WARNING	4/4/2006	6/1/2006	Yes		Revise by 5th anniversary of Plan date
B-COMMUNICATIONS	4/10/2006	5/30/2006	Yes		Revise by 5th anniversary of Plan date
C-SHELTER MASS CARE	12/11/2009	1/21/2010	Yes		
E-EVACUATION	5/18/2006	6/23/2006	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	9/1/2006	9/26/2006	Yes		
M-RESOURCE MGMT	5/18/2006	6/23/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	4/4/2006	4/10/2006	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	7/9/2007	8/14/2007	Yes		
Q-HAZMAT/OIL SPILL	5/18/2006	6/23/2006	Yes		Revise by 5th anniversary of Plan date
V-TERRORISM	5/18/2006	6/23/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/26/2006	8/22/2006	Yes		
F-FIREFIGHTING	4/13/2006	5/30/2006	Yes		Revise by 5th anniversary of Plan date
G-LAW ENFORCEMENT	8/25/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
H-HEALTH MEDICAL	9/10/2009	11/2/2009	Yes		
J-RECOVERY	5/24/2007	7/24/2007	Yes		
K-PUBLIC WORKS	6/15/2007	7/27/2007	Yes		
L-ENERGY UTILITIES	5/26/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	4/13/2006	5/30/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	5/17/2006	6/23/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/3/2008	12/9/2008	Yes		
T-DONATIONS MGMT	5/30/2007	7/24/2007	Yes		
U-LEGAL	4/4/2006	4/10/2006	Yes		Revise by 5th anniversary of Plan date

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Somerset** PLAN NO: 01500 PLAN RECORD: S
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION: BEXAR COUNTY

Notes:

EMC: County EMC RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 5/1/2000 Court Order Date: Joint Resolution Date: 5/1/2000
NIMS Adoption Date: 8/29/2005 DEM 147 Date: 12/28/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	1/10/2010	3/9/2010	Yes		
A-WARNING	10/20/2008	12/11/2008	Yes		
B-COMMUNICATIONS	5/25/2006	7/21/2006	Yes		Revise by 5th anniversary of Plan date
C-SHELTER MASS CARE	12/11/2009	1/21/2010	Yes		
E-EVACUATION	3/31/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	1/25/2010	3/15/2010	Yes		
M-RESOURCE MGMT	8/23/2005	10/18/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	1/26/2010	3/10/2010	Yes		
O-HUMAN SERVICES	1/4/2010	3/5/2010	Yes		
Q-HAZMAT/OIL SPILL	2/12/2008	4/23/2008	Yes		
V-TERRORISM	11/30/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/30/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
F-FIREFIGHTING	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
G-LAW ENFORCEMENT	6/30/2006	8/18/2006	Yes		
H-HEALTH MEDICAL	9/10/2009	11/2/2009	Yes		
J-RECOVERY	2/1/2010	3/9/2010	Yes		
K-PUBLIC WORKS	7/19/2006	9/28/2006	Yes		
L-ENERGY UTILITIES	5/29/2007	7/24/2007	Yes		
R-SEARCH & RESCUE	4/4/2006	4/24/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	11/15/2006	5/25/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	1/18/2008	4/30/2008	Yes		
T-DONATIONS MGMT	5/30/2007	7/24/2007	Yes		
U-LEGAL	11/13/2008	12/11/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Terrell Hills** PLAN NO: 01563 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: J. Mark Browne RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 12/9/2002 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/12/2005 DEM 147 Date: 2/12/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	8/24/2009	11/2/2009	Yes		
A-WARNING	5/16/2008	10/22/2008	Yes		
B-COMMUNICATIONS	5/16/2008	10/22/2008	Yes		
C-SHELTER MASS CARE	5/16/2008	10/13/2009	Yes		
E-EVACUATION	5/16/2008	8/19/2009	Yes		
I-EMER PUBLIC INFO	5/27/2008	10/22/2008	Yes		
M-RESOURCE MGMT	6/16/2008	10/21/2008	Yes		
N-DIRECTION CONTROL	6/16/2008	10/21/2008	Yes		
O-HUMAN SERVICES	6/16/2008	10/21/2008	Yes		
Q-HAZMAT/OIL SPILL	6/16/2008	8/19/2009	Yes		
V-TERRORISM	6/16/2008	10/21/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/16/2008	7/23/2009	Yes		
F-FIREFIGHTING	5/10/2008	10/22/2008	Yes		
G-LAW ENFORCEMENT	5/16/2008	10/22/2008	Yes		
H-HEALTH MEDICAL	5/16/2008	8/19/2009	Yes		
J-RECOVERY	5/27/2008	10/21/2008	Yes		
K-PUBLIC WORKS	5/27/2008	10/21/2008	Yes		
L-ENERGY UTILITIES	5/27/2008	8/19/2009	Yes		
R-SEARCH & RESCUE	6/16/2008	8/19/2009	Yes		
S-TRANSPORTATION	6/16/2008	8/19/2009	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/16/2008	8/19/2009	Yes		
T-DONATIONS MGMT	6/16/2008	10/13/2009	Yes		
U-LEGAL	6/9/2008	10/21/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Universal City** PLAN NO: 01566 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: Ross Wallace RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Status Pending

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 7/19/1977 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 7/19/2005 DEM 147 Date: 5/20/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	5/6/2008	8/18/2008	Yes		
A-WARNING	2/1/2010	3/15/2010	Yes	A-8,22	Update to Correct Deficiencies
B-COMMUNICATIONS	2/1/2010	3/15/2010	Yes		
C-SHELTER MASS CARE	3/4/2004	4/6/2004	Yes		Outdated - Revise/Update
E-EVACUATION	1/22/2004	3/2/2004	Yes		Outdated - Revise/Update
I-EMER PUBLIC INFO	8/5/2008	11/18/2008	Yes		
M-RESOURCE MGMT	2/5/2004	3/2/2004	No		Outdated - Revise/Update
N-DIRECTION CONTROL	1/27/2010	3/15/2010	Yes		
O-HUMAN SERVICES	6/13/2008	8/22/2008	Yes		
Q-HAZMAT/OIL SPILL	2/23/2004	3/2/2004	Yes		Outdated - Revise/Update
V-TERRORISM	8/20/2008	12/12/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	2/5/2010	3/15/2010	Yes		
F-FIREFIGHTING	2/2/2010	3/15/2010	Yes		
G-LAW ENFORCEMENT	2/2/2010	3/15/2010	Yes		
H-HEALTH MEDICAL	7/29/2008	10/24/2008	Yes		
J-RECOVERY	9/17/2003	10/29/2003	Yes		Outdated - Revise/Update
K-PUBLIC WORKS	8/5/2005	8/17/2005	No		Revise by 5th anniversary of Plan date
L-ENERGY UTILITIES	8/5/2005	8/17/2005	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	2/2/2010	3/15/2010	Yes		
S-TRANSPORTATION			Yes		Prepare Annex
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	8/20/2003	9/10/2003	Yes		Outdated - Revise/Update
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL			Yes		Prepare Annex

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Windcrest** PLAN NO: 01569 PLAN RECORD: Primary
COUNTY: BEXAR COG: 18 DisasterDistrict: 6
ASSOCIATION:

Notes:

EMC: Trey G. R. Hall RLO: Steve Gladstone

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 6/20/2005 DEM 147 Date: 11/6/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	1/10/2006	7/13/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	8/11/2006	10/27/2006	Yes		
B-COMMUNICATIONS	8/11/2006	10/27/2006	Yes		
C-SHELTER MASS CARE	8/11/2006	6/25/2007	Yes		
E-EVACUATION	9/12/2006	10/18/2006	Yes		
I-EMER PUBLIC INFO	9/12/2006	10/19/2006	Yes		
M-RESOURCE MGMT	9/12/2006	10/19/2006	Yes		
N-DIRECTION CONTROL	9/12/2006	10/19/2006	Yes		
O-HUMAN SERVICES	9/12/2006	10/19/2006	Yes		
Q-HAZMAT/OIL SPILL	9/12/2006	10/19/2006	Yes		
V-TERRORISM	1/9/2006	2/8/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/16/2007	6/26/2007	Yes		
F-FIREFIGHTING	8/11/2006	10/5/2006	Yes		
G-LAW ENFORCEMENT	3/16/2007	6/26/2007	Yes		
H-HEALTH MEDICAL	3/16/2007	6/26/2007	Yes		
J-RECOVERY	3/16/2007	6/26/2007	Yes		
K-PUBLIC WORKS	4/19/2007	6/26/2007	Yes		
L-ENERGY UTILITIES	3/16/2007	6/26/2007	Yes		
R-SEARCH & RESCUE	8/11/2006	10/5/2006	Yes		
S-TRANSPORTATION	3/16/2007	6/26/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	2/5/2007	6/19/2007	Yes		
T-DONATIONS MGMT	2/12/2007	6/19/2007	Yes		
U-LEGAL	3/16/2007	6/26/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Bulverde** PLAN NO: 04600 PLAN RECORD: S
COUNTY: COMAL COG: 18 DisasterDistrict: 6C
ASSOCIATION: COMAL COUNTY

Notes:

EMC: County's EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 4/24/2001 Court Order Date: Joint Resolution Date: 4/26/2001
NIMS Adoption Date: 8/9/2005 DEM 147 Date: 5/4/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/30/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/14/2006	11/14/2006	Yes		
B-COMMUNICATIONS	9/14/2006	12/5/2006	Yes		
C-SHELTER MASS CARE	9/27/2006	4/30/2007	Yes		
E-EVACUATION	9/14/2006	12/6/2006	Yes		
I-EMER PUBLIC INFO	11/28/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/14/2006	6/5/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/30/2007	Yes		
V-TERRORISM	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/14/2006	11/14/2006	Yes		
F-FIREFIGHTING	9/14/2006	11/14/2006	Yes		
G-LAW ENFORCEMENT	9/14/2006	11/14/2006	Yes		
H-HEALTH MEDICAL	9/14/2006	12/6/2006	Yes		
J-RECOVERY	9/14/2006	3/22/2007	Yes		
K-PUBLIC WORKS	9/14/2006	11/14/2006	Yes		
L-ENERGY UTILITIES	9/14/2006	6/29/2007	Yes		
R-SEARCH & RESCUE	9/27/2006	4/30/2007	Yes		
S-TRANSPORTATION	9/27/2006	4/30/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/14/2006	3/22/2007	Yes		
T-DONATIONS MGMT	9/27/2006	6/14/2007	Yes		
U-LEGAL	9/27/2006	6/14/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Comal County** PLAN NO: 04600 PLAN RECORD: Primary
COUNTY: COMAL COG: 18 DisasterDistrict: 6C
ASSOCIATION: Bulverde, Garden Ridge, New Braunfels

Notes:

EMC: Carol Edgett RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 8/17/2000 Joint Resolution Date: 5/1/2002
NIMS Adoption Date: 7/21/2005 DEM 147 Date: 11/30/2005 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/30/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/14/2006	11/14/2006	Yes		
B-COMMUNICATIONS	9/14/2006	12/5/2006	Yes		
C-SHELTER MASS CARE	9/27/2006	4/30/2007	Yes		
E-EVACUATION	9/14/2006	12/6/2006	Yes		
I-EMER PUBLIC INFO	11/28/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/14/2006	6/5/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/30/2007	Yes		
V-TERRORISM	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/14/2006	11/14/2006	Yes		
F-FIREFIGHTING	9/14/2006	11/14/2006	Yes		
G-LAW ENFORCEMENT	9/14/2006	11/14/2006	Yes		
H-HEALTH MEDICAL	9/14/2006	12/6/2006	Yes		
J-RECOVERY	9/14/2006	3/22/2007	Yes		
K-PUBLIC WORKS	9/14/2006	11/14/2006	Yes		
L-ENERGY UTILITIES	9/14/2006	6/29/2007	Yes		
R-SEARCH & RESCUE	9/27/2006	4/30/2007	Yes		
S-TRANSPORTATION	9/27/2006	4/30/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/14/2006	3/22/2007	Yes		
T-DONATIONS MGMT	9/27/2006	6/14/2007	Yes		
U-LEGAL	9/27/2006	6/14/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Garden Ridge** PLAN NO: 04600 PLAN RECORD: S
COUNTY: COMAL COG: 18 DisasterDistrict: 6C
ASSOCIATION: COMAL COUNTY

Notes:

EMC: Mayor is EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 5/1/2002 Court Order Date: Joint Resolution Date: 5/1/2002
NIMS Adoption Date: 8/3/2005 DEM 147 Date: 1/14/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/30/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/14/2006	11/14/2006	Yes		
B-COMMUNICATIONS	9/14/2006	12/5/2006	Yes		
C-SHELTER MASS CARE	9/27/2006	4/30/2007	Yes		
E-EVACUATION	9/14/2006	12/6/2006	Yes		
I-EMER PUBLIC INFO	11/28/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/14/2006	6/5/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/30/2007	Yes		
V-TERRORISM	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/14/2006	11/14/2006	Yes		
F-FIREFIGHTING	9/14/2006	11/14/2006	Yes		
G-LAW ENFORCEMENT	9/14/2006	11/14/2006	Yes		
H-HEALTH MEDICAL	9/14/2006	12/6/2006	Yes		
J-RECOVERY	9/14/2006	3/22/2007	Yes		
K-PUBLIC WORKS	9/14/2006	11/14/2006	Yes		
L-ENERGY UTILITIES	9/14/2006	6/29/2007	Yes		
R-SEARCH & RESCUE	9/27/2006	4/30/2007	Yes		
S-TRANSPORTATION	9/27/2006	4/30/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/14/2006	3/22/2007	Yes		
T-DONATIONS MGMT	9/27/2006	6/14/2007	Yes		
U-LEGAL	9/27/2006	6/14/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **New Braunfels** PLAN NO: 04600 PLAN RECORD: S
COUNTY: COMAL COG: 18 DisasterDistrict: 6C
ASSOCIATION: COMAL COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 2/24/1986 Court Order Date: Joint Resolution Date: 3/7/2002
NIMS Adoption Date: 7/25/2005 DEM 147 Date: 5/13/2002 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/30/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/14/2006	11/14/2006	Yes		
B-COMMUNICATIONS	9/14/2006	12/5/2006	Yes		
C-SHELTER MASS CARE	9/27/2006	4/30/2007	Yes		
E-EVACUATION	9/14/2006	12/6/2006	Yes		
I-EMER PUBLIC INFO	11/28/2005	12/14/2005	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/14/2006	6/5/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/30/2007	Yes		
V-TERRORISM	11/28/2005	12/30/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/14/2006	11/14/2006	Yes		
F-FIREFIGHTING	9/14/2006	11/14/2006	Yes		
G-LAW ENFORCEMENT	9/14/2006	11/14/2006	Yes		
H-HEALTH MEDICAL	9/14/2006	12/6/2006	Yes		
J-RECOVERY	9/14/2006	3/22/2007	Yes		
K-PUBLIC WORKS	9/14/2006	11/14/2006	Yes		
L-ENERGY UTILITIES	9/14/2006	6/29/2007	Yes		
R-SEARCH & RESCUE	9/27/2006	4/30/2007	Yes		
S-TRANSPORTATION	9/27/2006	4/30/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/14/2006	3/22/2007	Yes		
T-DONATIONS MGMT	9/27/2006	6/14/2007	Yes		
U-LEGAL	9/27/2006	6/14/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Dilley** PLAN NO: 08200 PLAN RECORD: S
COUNTY: FRIO COG: 18 DisasterDistrict: 6C
ASSOCIATION: FRIO COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/12/2003 Court Order Date: Joint Resolution Date: 9/29/1993
NIMS Adoption Date: 9/13/2005 DEM 147 Date: 9/23/1999 Mitigation Action Plan Date:

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/19/2007	6/5/2008	Yes		
A-WARNING	10/13/2009	2/22/2010	Yes		
B-COMMUNICATIONS	11/19/2007	3/11/2008	Yes		
C-SHELTER MASS CARE	10/13/2009	12/14/2009	Yes		
E-EVACUATION	10/13/2009	11/14/2009	Yes		
I-EMER PUBLIC INFO	11/19/2007	3/11/2008	Yes		
M-RESOURCE MGMT	11/19/2007	3/11/2008	Yes		
N-DIRECTION CONTROL	11/19/2007	6/5/2008	Yes		
O-HUMAN SERVICES	10/13/2009	12/16/2009	Yes		
Q-HAZMAT/OIL SPILL	10/13/2009	12/15/2009	Yes		
V-TERRORISM	11/19/2007	3/11/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	6/30/2008	8/20/2008	Yes		
F-FIREFIGHTING	6/30/2008	8/20/2008	Yes		
G-LAW ENFORCEMENT	10/13/2009	2/22/2010	Yes		
H-HEALTH MEDICAL	6/30/2008	8/20/2008	Yes		
J-RECOVERY	10/13/2009	12/16/2009	Yes		
K-PUBLIC WORKS	6/30/2008	8/20/2008	Yes		
L-ENERGY UTILITIES	10/13/2009	12/15/2009	Yes		
R-SEARCH & RESCUE	10/13/2009	2/22/2010	Yes		
S-TRANSPORTATION	10/13/2009	2/22/2010	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	10/13/2009	12/14/2009	Yes		
T-DONATIONS MGMT	10/13/2009	12/15/2009	Yes		
U-LEGAL	10/13/2009	12/16/2009	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Frio County** PLAN NO: 08200 PLAN RECORD: Primary
COUNTY: FRIO COG: 18 DisasterDistrict: 6C
ASSOCIATION: Dilley, Pearsall

Notes:

EMC: Richard G. Santos RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 5/12/1986 Joint Resolution Date: 3/10/2003
NIMS Adoption Date: 9/12/2005 DEM 147 Date: 1/13/2009 Mitigation Action Plan Date:

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/19/2007	6/5/2008	Yes		
A-WARNING	10/13/2009	2/22/2010	Yes		
B-COMMUNICATIONS	11/19/2007	3/11/2008	Yes		
C-SHELTER MASS CARE	10/13/2009	12/14/2009	Yes		
E-EVACUATION	10/13/2009	11/14/2009	Yes		
I-EMER PUBLIC INFO	11/19/2007	3/11/2008	Yes		
M-RESOURCE MGMT	11/19/2007	3/11/2008	Yes		
N-DIRECTION CONTROL	11/19/2007	6/5/2008	Yes		
O-HUMAN SERVICES	10/13/2009	12/16/2009	Yes		
Q-HAZMAT/OIL SPILL	10/13/2009	12/15/2009	Yes		
V-TERRORISM	11/19/2007	3/11/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	6/30/2008	8/20/2008	Yes		
F-FIREFIGHTING	6/30/2008	8/20/2008	Yes		
G-LAW ENFORCEMENT	10/13/2009	2/22/2010	Yes		
H-HEALTH MEDICAL	6/30/2008	8/20/2008	Yes		
J-RECOVERY	10/13/2009	12/16/2009	Yes		
K-PUBLIC WORKS	6/30/2008	8/20/2008	Yes		
L-ENERGY UTILITIES	10/13/2009	12/15/2009	Yes		
R-SEARCH & RESCUE	10/13/2009	2/22/2010	Yes		
S-TRANSPORTATION	10/13/2009	2/22/2010	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	10/13/2009	12/14/2009	Yes		
T-DONATIONS MGMT	10/13/2009	12/15/2009	Yes		
U-LEGAL	10/13/2009	12/16/2009	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Pearsall** PLAN NO: 08200 PLAN RECORD: S
COUNTY: FRIO COG: 18 DisasterDistrict: 6C
ASSOCIATION: FRIO COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 1/8/1986 Court Order Date: Joint Resolution Date: 6/26/1986
NIMS Adoption Date: 9/13/2005 DEM 147 Date: 2/29/2000 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	11/19/2007	6/5/2008	Yes		
A-WARNING	10/13/2009	2/22/2010	Yes		
B-COMMUNICATIONS	11/19/2007	3/11/2008	Yes		
C-SHELTER MASS CARE	10/13/2009	12/14/2009	Yes		
E-EVACUATION	10/13/2009	11/14/2009	Yes		
I-EMER PUBLIC INFO	11/19/2007	3/11/2008	Yes		
M-RESOURCE MGMT	11/19/2007	3/11/2008	Yes		
N-DIRECTION CONTROL	11/19/2007	6/5/2008	Yes		
O-HUMAN SERVICES	10/13/2009	12/16/2009	Yes		
Q-HAZMAT/OIL SPILL	10/13/2009	12/15/2009	Yes		
V-TERRORISM	11/19/2007	3/11/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	6/30/2008	8/20/2008	Yes		
F-FIREFIGHTING	6/30/2008	8/20/2008	Yes		
G-LAW ENFORCEMENT	10/13/2009	2/22/2010	Yes		
H-HEALTH MEDICAL	6/30/2008	8/20/2008	Yes		
J-RECOVERY	10/13/2009	12/16/2009	Yes		
K-PUBLIC WORKS	6/30/2008	8/20/2008	Yes		
L-ENERGY UTILITIES	10/13/2009	12/15/2009	Yes		
R-SEARCH & RESCUE	10/13/2009	2/22/2010	Yes		
S-TRANSPORTATION	10/13/2009	2/22/2010	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	10/13/2009	12/14/2009	Yes		
T-DONATIONS MGMT	10/13/2009	12/15/2009	Yes		
U-LEGAL	10/13/2009	12/16/2009	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Fredericksburg** PLAN NO: 08602 PLAN RECORD: Primary
COUNTY: GILLESPIE COG: 18 DisasterDistrict: 6C
ASSOCIATION: Gillespie County

Notes:

EMC: John C. Culpepper RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 10/10/1983 Court Order Date: Joint Resolution Date: 9/28/1984
NIMS Adoption Date: 7/8/2005 DEM 147 Date: 4/11/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/18/2009	10/30/2009	Yes		
A-WARNING	2/20/2006	8/3/2007	Yes		Revise by 5th anniversary of Plan date
B-COMMUNICATIONS	6/18/2007	8/2/2007	Yes		
C-SHELTER MASS CARE	2/20/2006	10/25/2007	Yes		Revise by 5th anniversary of Plan date
E-EVACUATION	11/1/2007	11/15/2007	Yes		
I-EMER PUBLIC INFO	6/18/2007	8/2/2007	Yes		
M-RESOURCE MGMT	6/18/2007	9/10/2007	Yes		
N-DIRECTION CONTROL	10/10/2005	10/27/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	2/20/2006	3/30/2006	Yes		Revise by 5th anniversary of Plan date
Q-HAZMAT/OIL SPILL	11/1/2007	11/15/2007	Yes		
V-TERRORISM	9/11/2009	10/23/2009	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	6/18/2007	8/2/2007	Yes		
F-FIREFIGHTING	6/18/2007	8/2/2007	Yes		
G-LAW ENFORCEMENT	4/23/2010	5/7/2010	Yes		
H-HEALTH MEDICAL	6/18/2007	9/10/2007	Yes		
J-RECOVERY	9/11/2009	10/23/2009	Yes		
K-PUBLIC WORKS	6/18/2007	9/10/2007	Yes		
L-ENERGY UTILITIES	10/10/2005	10/27/2005	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	8/9/2005	10/17/2005	Yes	See Annex F	Revise by 5th anniversary of Plan date
S-TRANSPORTATION	10/10/2005	10/27/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/20/2008	9/5/2008	Yes		
T-DONATIONS MGMT	6/20/2008	8/20/2008	Yes		
U-LEGAL	6/20/2008	8/20/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Gillespie County** PLAN NO: 08602 PLAN RECORD: S
COUNTY: GILLESPIE COG: 18 DisasterDistrict: 6C
ASSOCIATION: FREDERICKSBURG

Notes:

EMC: Fredericksburg's EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 11/8/1982 Joint Resolution Date: 9/28/1984
NIMS Adoption Date: 7/25/2005 DEM 147 Date: 4/11/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/18/2009	10/30/2009	Yes		
A-WARNING	2/20/2006	8/3/2007	Yes		Revise by 5th anniversary of Plan date
B-COMMUNICATIONS	6/18/2007	8/2/2007	Yes		
C-SHELTER MASS CARE	2/20/2006	10/25/2007	Yes		Revise by 5th anniversary of Plan date
E-EVACUATION	11/1/2007	11/15/2007	Yes		
I-EMER PUBLIC INFO	6/18/2007	8/2/2007	Yes		
M-RESOURCE MGMT	6/18/2007	9/10/2007	Yes		
N-DIRECTION CONTROL	10/10/2005	10/27/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	2/20/2006	3/30/2006	Yes		Revise by 5th anniversary of Plan date
Q-HAZMAT/OIL SPILL	11/1/2007	11/15/2007	Yes		
V-TERRORISM	9/11/2009	10/23/2009	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	6/18/2007	8/2/2007	Yes		
F-FIREFIGHTING	6/18/2007	8/2/2007	Yes		
G-LAW ENFORCEMENT	4/23/2010	5/7/2010	Yes		
H-HEALTH MEDICAL	6/18/2007	9/10/2007	Yes		
J-RECOVERY	9/11/2009	10/23/2009	Yes		
K-PUBLIC WORKS	6/18/2007	9/10/2007	Yes		
L-ENERGY UTILITIES	10/10/2005	10/27/2005	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	8/9/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	10/10/2005	10/27/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/20/2008	9/5/2008	Yes		
T-DONATIONS MGMT	6/20/2008	8/20/2008	Yes		
U-LEGAL	6/20/2008	8/20/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Cibolo** PLAN NO: 09400 PLAN RECORD: S
COUNTY: GUADALUPE COG: 18 DisasterDistrict: 6C
ASSOCIATION: GUADALUPE COUNTY

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/18/1983 Court Order Date: Joint Resolution Date: 9/22/1993
NIMS Adoption Date: 9/13/2005 DEM 147 Date: 1/4/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	10/15/2008	2/10/2009	Yes		
A-WARNING	9/18/2007	3/18/2008	Yes		
B-COMMUNICATIONS	9/29/2006	4/17/2007	Yes		
C-SHELTER MASS CARE	9/28/2006	4/19/2007	Yes		
E-EVACUATION	9/30/2008	12/10/2008	Yes		
I-EMER PUBLIC INFO	9/30/2008	2/10/2009	Yes		
M-RESOURCE MGMT	11/10/2009	12/23/2009	Yes		
N-DIRECTION CONTROL	9/30/2008	12/10/2008	Yes		
O-HUMAN SERVICES	9/28/2006	4/19/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/19/2007	Yes		
V-TERRORISM	9/28/2006	4/19/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/28/2006	4/19/2007	Yes		
F-FIREFIGHTING	9/28/2006	4/19/2007	Yes		
G-LAW ENFORCEMENT	9/18/2007	3/18/2008	Yes		
H-HEALTH MEDICAL	9/28/2006	4/19/2007	Yes		
J-RECOVERY	9/18/2007	3/18/2008	Yes		
K-PUBLIC WORKS	9/28/2006	4/19/2007	Yes		
L-ENERGY UTILITIES	9/30/2008	2/9/2009	Yes		
R-SEARCH & RESCUE	9/18/2007	3/18/2008	Yes		
S-TRANSPORTATION	9/28/2006	4/19/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/10/2009	1/4/2010	Yes		
T-DONATIONS MGMT	9/18/2007	3/18/2008	Yes		
U-LEGAL	9/18/2007	3/18/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Guadalupe County** PLAN NO: 09400 PLAN RECORD: Primary
COUNTY: GUADALUPE COG: 18 DisasterDistrict: 6C
ASSOCIATION: Cibolo, Marion, New Berlin, Santa Clara, Seguin

Notes:

EMC: Dan Kinsey RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 6/24/1983 Joint Resolution Date: 9/22/1993
NIMS Adoption Date: 7/5/2005 DEM 147 Date: 1/4/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	10/15/2008	2/10/2009	Yes		
A-WARNING	9/18/2007	3/18/2008	Yes		
B-COMMUNICATIONS	9/29/2006	4/17/2007	Yes		
C-SHELTER MASS CARE	9/28/2006	4/19/2007	Yes		
E-EVACUATION	9/30/2008	12/10/2008	Yes		
I-EMER PUBLIC INFO	9/30/2008	2/10/2009	Yes		
M-RESOURCE MGMT	11/10/2009	12/23/2009	Yes		
N-DIRECTION CONTROL	9/30/2008	12/10/2008	Yes		
O-HUMAN SERVICES	9/28/2006	4/19/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/19/2007	Yes		
V-TERRORISM	9/28/2006	4/19/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/28/2006	4/19/2007	Yes		
F-FIREFIGHTING	9/28/2006	4/19/2007	Yes		
G-LAW ENFORCEMENT	9/18/2007	3/18/2008	Yes		
H-HEALTH MEDICAL	9/28/2006	4/19/2007	Yes		
J-RECOVERY	9/18/2007	3/18/2008	Yes		
K-PUBLIC WORKS	9/28/2006	4/19/2007	Yes		
L-ENERGY UTILITIES	9/30/2008	2/9/2009	Yes		
R-SEARCH & RESCUE	9/18/2007	3/18/2008	Yes		
S-TRANSPORTATION	9/28/2006	4/19/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/10/2009	1/4/2010	Yes		
T-DONATIONS MGMT	9/18/2007	3/18/2008	Yes		
U-LEGAL	9/18/2007	3/18/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Schertz** PLAN NO: 09450 PLAN RECORD: Primary
COUNTY: GUADALUPE COG: 18 DisasterDistrict: 6C
ASSOCIATION:

Notes:

EMC: Beverly Todd RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 12/19/2000 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/20/2005 DEM 147 Date: 1/6/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	8/28/2007	11/2/2007	Yes		
A-WARNING	2/10/2009	4/10/2009	Yes		
B-COMMUNICATIONS	9/5/2007	11/2/2007	Yes		
C-SHELTER MASS CARE	3/12/2009	4/15/2009	Yes		
E-EVACUATION	3/10/2009	12/22/2009	Yes		
I-EMER PUBLIC INFO	11/13/2007	1/9/2009	Yes		
M-RESOURCE MGMT	11/30/2007	4/11/2008	Yes		
N-DIRECTION CONTROL	6/26/2008	10/8/2008	Yes		
O-HUMAN SERVICES	3/27/2009	4/17/2009	Yes		
Q-HAZMAT/OIL SPILL	11/13/2009	12/22/2009	Yes		
V-TERRORISM	3/26/2008	5/23/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	6/16/2008	8/6/2008	Yes		
F-FIREFIGHTING	6/18/2008	8/6/2008	Yes		
G-LAW ENFORCEMENT	6/24/2008	9/30/2008	Yes		
H-HEALTH MEDICAL	11/16/2009	12/22/2009	Yes		
J-RECOVERY	7/31/2008	10/23/2008	Yes		
K-PUBLIC WORKS	8/7/2008	10/23/2008	Yes		
L-ENERGY UTILITIES	11/16/2009	12/22/2009	Yes		
R-SEARCH & RESCUE	6/21/2008	8/6/2008	Yes		
S-TRANSPORTATION	12/18/2008	12/30/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/20/2009	12/22/2009	Yes		
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL	11/18/2009	12/22/2009	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Seguin** PLAN NO: 09400 PLAN RECORD: S
COUNTY: GUADALUPE COG: 18 DisasterDistrict: 6C
ASSOCIATION: GUADALUPE COUNTY

Notes:

EMC: John Sheppard RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 7/5/1983 Court Order Date: Joint Resolution Date: 9/22/1993
NIMS Adoption Date: 9/6/2005 DEM 147 Date: 11/21/2005 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	10/15/2008	2/10/2009	Yes		
A-WARNING	9/18/2007	3/18/2008	Yes		
B-COMMUNICATIONS	9/29/2006	4/17/2007	Yes		
C-SHELTER MASS CARE	9/28/2006	4/19/2007	Yes		
E-EVACUATION	9/30/2008	12/10/2008	Yes		
I-EMER PUBLIC INFO	9/30/2008	2/10/2009	Yes		
M-RESOURCE MGMT	11/10/2009	12/23/2009	Yes		
N-DIRECTION CONTROL	9/30/2008	12/10/2008	Yes		
O-HUMAN SERVICES	9/28/2006	4/19/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	4/19/2007	Yes		
V-TERRORISM	9/28/2006	4/19/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	9/28/2006	4/19/2007	Yes		
F-FIREFIGHTING	9/28/2006	4/19/2007	Yes		
G-LAW ENFORCEMENT	9/18/2007	3/18/2008	Yes		
H-HEALTH MEDICAL	9/28/2006	4/19/2007	Yes		
J-RECOVERY	9/18/2007	3/18/2008	Yes		
K-PUBLIC WORKS	9/28/2006	4/19/2007	Yes		
L-ENERGY UTILITIES	9/30/2008	2/9/2009	Yes		
R-SEARCH & RESCUE	9/18/2007	3/18/2008	Yes		
S-TRANSPORTATION	9/28/2006	4/19/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	11/10/2009	1/4/2010	Yes		
T-DONATIONS MGMT	9/18/2007	3/18/2008	Yes		
U-LEGAL	9/18/2007	3/18/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Falls City** PLAN NO: 12800 PLAN RECORD: S
COUNTY: KARNES COG: 18 DisasterDistrict: S6C
ASSOCIATION: KARNES COUNTY

Notes:

EMC: Raymond Dziuk RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 10/9/2002 Court Order Date: Joint Resolution Date: 12/12/2002
NIMS Adoption Date: 8/10/2005 DEM 147 Date: 10/9/2002 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	4/24/2008	6/23/2008	Yes		
A-WARNING	3/10/2008	6/27/2008	Yes		
B-COMMUNICATIONS	9/10/2007	6/23/2008	Yes		
C-SHELTER MASS CARE	4/7/2008	6/26/2008	Yes		
E-EVACUATION	10/29/2007	6/11/2008	Yes		
I-EMER PUBLIC INFO	9/10/2007	6/23/2008	Yes		
M-RESOURCE MGMT	9/10/2007	5/30/2008	Yes		
N-DIRECTION CONTROL	9/10/2007	6/23/2008	Yes		
O-HUMAN SERVICES	2/29/2008	6/11/2008	Yes		
Q-HAZMAT/OIL SPILL	2/29/2008	6/26/2008	Yes		
V-TERRORISM	9/10/2007	6/3/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/27/2008	6/26/2008	Yes		
F-FIREFIGHTING	5/27/2008	6/27/2008	Yes		
G-LAW ENFORCEMENT	5/27/2008	6/27/2008	Yes		
H-HEALTH MEDICAL	5/27/2008	8/7/2008	Yes		
J-RECOVERY	5/27/2008	6/27/2008	Yes		
K-PUBLIC WORKS	5/27/2008	8/7/2008	Yes		
L-ENERGY UTILITIES	5/27/2008	8/7/2008	Yes		
R-SEARCH & RESCUE	5/27/2008	6/26/2008	Yes		
S-TRANSPORTATION	5/27/2008	6/26/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/24/2008	10/23/2008	Yes		
T-DONATIONS MGMT	6/24/2008	12/10/2008	Yes		
U-LEGAL	6/25/2008	10/23/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Karnes City** PLAN NO: 12800 PLAN RECORD: S
COUNTY: KARNES COG: 18 DisasterDistrict: S6C
ASSOCIATION: KARNES COUNTY

Notes:

EMC: Larry Pippen RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 11/26/2002 Court Order Date: Joint Resolution Date: 12/12/2002
NIMS Adoption Date: 7/26/2005 DEM 147 Date: 6/23/2006 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	4/24/2008	6/23/2008	Yes		
A-WARNING	3/10/2008	6/27/2008	Yes		
B-COMMUNICATIONS	9/10/2007	6/23/2008	Yes		
C-SHELTER MASS CARE	4/7/2008	6/26/2008	Yes		
E-EVACUATION	10/29/2007	6/11/2008	Yes		
I-EMER PUBLIC INFO	9/10/2007	6/23/2008	Yes		
M-RESOURCE MGMT	9/10/2007	5/30/2008	Yes		
N-DIRECTION CONTROL	9/10/2007	6/23/2008	Yes		
O-HUMAN SERVICES	2/29/2008	6/11/2008	Yes		
Q-HAZMAT/OIL SPILL	2/29/2008	6/26/2008	Yes		
V-TERRORISM	9/10/2007	6/3/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/27/2008	6/26/2008	Yes		
F-FIREFIGHTING	5/27/2008	6/27/2008	Yes		
G-LAW ENFORCEMENT	5/27/2008	6/27/2008	Yes		
H-HEALTH MEDICAL	5/27/2008	8/7/2008	Yes		
J-RECOVERY	5/27/2008	6/27/2008	Yes		
K-PUBLIC WORKS	5/27/2008	8/7/2008	Yes		
L-ENERGY UTILITIES	5/27/2008	8/7/2008	Yes		
R-SEARCH & RESCUE	5/27/2008	6/26/2008	Yes		
S-TRANSPORTATION	5/27/2008	6/26/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/24/2008	10/23/2008	Yes		
T-DONATIONS MGMT	6/24/2008	12/10/2008	Yes		
U-LEGAL	6/25/2008	10/23/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Karnes County** PLAN NO: 12800 PLAN RECORD: Primary
COUNTY: KARNES COG: 18 DisasterDistrict: S6C
ASSOCIATION: Falls City, Kenedy, Karnes City, Runge

Notes:

EMC: Shelby Dupnik RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 8/13/2002 Joint Resolution Date: 12/12/2002
NIMS Adoption Date: 7/29/2005 DEM 147 Date: 9/30/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	4/24/2008	6/23/2008	Yes		
A-WARNING	3/10/2008	6/27/2008	Yes		
B-COMMUNICATIONS	9/10/2007	6/23/2008	Yes		
C-SHELTER MASS CARE	4/7/2008	6/26/2008	Yes		
E-EVACUATION	10/29/2007	6/11/2008	Yes		
I-EMER PUBLIC INFO	9/10/2007	6/23/2008	Yes		
M-RESOURCE MGMT	9/10/2007	5/30/2008	Yes		
N-DIRECTION CONTROL	9/10/2007	6/23/2008	Yes		
O-HUMAN SERVICES	2/29/2008	6/11/2008	Yes		
Q-HAZMAT/OIL SPILL	2/29/2008	6/26/2008	Yes		
V-TERRORISM	9/10/2007	6/3/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/27/2008	6/26/2008	Yes		
F-FIREFIGHTING	5/27/2008	6/27/2008	Yes		
G-LAW ENFORCEMENT	5/27/2008	6/27/2008	Yes		
H-HEALTH MEDICAL	5/27/2008	8/7/2008	Yes		
J-RECOVERY	5/27/2008	6/27/2008	Yes		
K-PUBLIC WORKS	5/27/2008	8/7/2008	Yes		
L-ENERGY UTILITIES	5/27/2008	8/7/2008	Yes		
R-SEARCH & RESCUE	5/27/2008	6/26/2008	Yes		
S-TRANSPORTATION	5/27/2008	6/26/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/24/2008	10/23/2008	Yes		
T-DONATIONS MGMT	6/24/2008	12/10/2008	Yes		
U-LEGAL	6/25/2008	10/23/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Kenedy** PLAN NO: 12800 PLAN RECORD: S
COUNTY: KARNES COG: 18 DisasterDistrict: S6C
ASSOCIATION: KARNES COUNTY

Notes:

EMC: Mayor RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/13/2002 Court Order Date: Joint Resolution Date: 12/12/2002
NIMS Adoption Date: 8/9/2005 DEM 147 Date: 10/8/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	4/24/2008	6/23/2008	Yes		
A-WARNING	3/10/2008	6/27/2008	Yes		
B-COMMUNICATIONS	9/10/2007	6/23/2008	Yes		
C-SHELTER MASS CARE	4/7/2008	6/26/2008	Yes		
E-EVACUATION	10/29/2007	6/11/2008	Yes		
I-EMER PUBLIC INFO	9/10/2007	6/23/2008	Yes		
M-RESOURCE MGMT	9/10/2007	5/30/2008	Yes		
N-DIRECTION CONTROL	9/10/2007	6/23/2008	Yes		
O-HUMAN SERVICES	2/29/2008	6/11/2008	Yes		
Q-HAZMAT/OIL SPILL	2/29/2008	6/26/2008	Yes		
V-TERRORISM	9/10/2007	6/3/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/27/2008	6/26/2008	Yes		
F-FIREFIGHTING	5/27/2008	6/27/2008	Yes		
G-LAW ENFORCEMENT	5/27/2008	6/27/2008	Yes		
H-HEALTH MEDICAL	5/27/2008	8/7/2008	Yes		
J-RECOVERY	5/27/2008	6/27/2008	Yes		
K-PUBLIC WORKS	5/27/2008	8/7/2008	Yes		
L-ENERGY UTILITIES	5/27/2008	8/7/2008	Yes		
R-SEARCH & RESCUE	5/27/2008	6/26/2008	Yes		
S-TRANSPORTATION	5/27/2008	6/26/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/24/2008	10/23/2008	Yes		
T-DONATIONS MGMT	6/24/2008	12/10/2008	Yes		
U-LEGAL	6/25/2008	10/23/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Runge** PLAN NO: 12800 PLAN RECORD: S
COUNTY: KARNES COG: 18 DisasterDistrict: S6C
ASSOCIATION: KARNES COUNTY

Notes:

EMC: Fernando Rios III RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/13/2002 Court Order Date: Joint Resolution Date: 12/12/2002
NIMS Adoption Date: 8/9/2005 DEM 147 Date: 8/13/2002 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	4/24/2008	6/23/2008	Yes		
A-WARNING	3/10/2008	6/27/2008	Yes		
B-COMMUNICATIONS	9/10/2007	6/23/2008	Yes		
C-SHELTER MASS CARE	4/7/2008	6/26/2008	Yes		
E-EVACUATION	10/29/2007	6/11/2008	Yes		
I-EMER PUBLIC INFO	9/10/2007	6/23/2008	Yes		
M-RESOURCE MGMT	9/10/2007	5/30/2008	Yes		
N-DIRECTION CONTROL	9/10/2007	6/23/2008	Yes		
O-HUMAN SERVICES	2/29/2008	6/11/2008	Yes		
Q-HAZMAT/OIL SPILL	2/29/2008	6/26/2008	Yes		
V-TERRORISM	9/10/2007	6/3/2008	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	5/27/2008	6/26/2008	Yes		
F-FIREFIGHTING	5/27/2008	6/27/2008	Yes		
G-LAW ENFORCEMENT	5/27/2008	6/27/2008	Yes		
H-HEALTH MEDICAL	5/27/2008	8/7/2008	Yes		
J-RECOVERY	5/27/2008	6/27/2008	Yes		
K-PUBLIC WORKS	5/27/2008	8/7/2008	Yes		
L-ENERGY UTILITIES	5/27/2008	8/7/2008	Yes		
R-SEARCH & RESCUE	5/27/2008	6/26/2008	Yes		
S-TRANSPORTATION	5/27/2008	6/26/2008	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/24/2008	10/23/2008	Yes		
T-DONATIONS MGMT	6/24/2008	12/10/2008	Yes		
U-LEGAL	6/25/2008	10/23/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Ingram** PLAN NO: 13302 PLAN RECORD: S
COUNTY: KERR COG: 18 DisasterDistrict: 6C
ASSOCIATION: KERRVILLE

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/9/1983 Court Order Date: Joint Resolution Date: 5/18/1988
NIMS Adoption Date: 6/21/2005 DEM 147 Date: 5/21/2009 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	12/16/2005	1/24/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/6/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
B-COMMUNICATIONS	9/5/2006	1/31/2007	Yes		
C-SHELTER MASS CARE	12/3/2009	1/15/2010	Yes		
E-EVACUATION	8/24/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	9/30/2009	11/30/2009	Yes		
M-RESOURCE MGMT	9/15/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	10/31/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/28/2009	11/30/2009	Yes		
Q-HAZMAT/OIL SPILL	9/15/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
V-TERRORISM	11/11/2005	12/16/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/10/2006	8/28/2006	Yes		
F-FIREFIGHTING	9/7/2006	2/1/2007	Yes		
G-LAW ENFORCEMENT	3/2/2010	3/22/2010	Yes		
H-HEALTH MEDICAL	9/20/2006	2/23/2007	Yes		
J-RECOVERY	10/20/2009	12/21/2009	Yes		
K-PUBLIC WORKS	8/7/2006	10/5/2006	Yes		
L-ENERGY UTILITIES	9/30/2009	11/30/2009	Yes		
R-SEARCH & RESCUE	9/7/2006	2/1/2007	Yes		
S-TRANSPORTATION	9/11/2006	2/1/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	10/7/2008	12/9/2008	Yes		
T-DONATIONS MGMT	9/26/2008	12/9/2008	Yes		
U-LEGAL	9/29/2008	12/9/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Kerr County** PLAN NO: 13302 PLAN RECORD: S
COUNTY: KERR COG: 18 DisasterDistrict: 6C
ASSOCIATION: KERRVILLE

Notes:

EMC: Robert Ojeda RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 8/8/1983 Joint Resolution Date: 5/18/1988
NIMS Adoption Date: 5/23/2005 DEM 147 Date: 6/18/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	12/16/2005	1/24/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/6/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
B-COMMUNICATIONS	9/5/2006	1/31/2007	Yes		
C-SHELTER MASS CARE	12/3/2009	1/15/2010	Yes		
E-EVACUATION	8/24/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	9/30/2009	11/30/2009	Yes		
M-RESOURCE MGMT	9/15/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	10/31/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/28/2009	11/30/2009	Yes		
Q-HAZMAT/OIL SPILL	9/15/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
V-TERRORISM	11/11/2005	12/16/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/10/2006	8/28/2006	Yes		
F-FIREFIGHTING	9/7/2006	2/1/2007	Yes		
G-LAW ENFORCEMENT	3/2/2010	3/22/2010	Yes		
H-HEALTH MEDICAL	9/20/2006	2/23/2007	Yes		
J-RECOVERY	10/20/2009	12/21/2009	Yes		
K-PUBLIC WORKS	8/7/2006	10/5/2006	Yes		
L-ENERGY UTILITIES	9/30/2009	11/30/2009	Yes		
R-SEARCH & RESCUE	9/7/2006	2/1/2007	Yes		
S-TRANSPORTATION	9/11/2006	2/1/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	10/7/2008	12/9/2008	Yes		
T-DONATIONS MGMT	9/26/2008	12/9/2008	Yes		
U-LEGAL	9/29/2008	12/9/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Kerrville** PLAN NO: 13302 PLAN RECORD: Primary
COUNTY: KERR COG: 18 DisasterDistrict: 6C
ASSOCIATION: Kerr County, Ingram

Notes:

EMC: County EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 8/9/1983 Court Order Date: Joint Resolution Date: 5/18/1988
NIMS Adoption Date: 5/10/2005 DEM 147 Date: 2/13/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	12/16/2005	1/24/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/6/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
B-COMMUNICATIONS	9/5/2006	1/31/2007	Yes		
C-SHELTER MASS CARE	12/3/2009	1/15/2010	Yes		
E-EVACUATION	8/24/2005	9/13/2005	Yes		Revise by 5th anniversary of Plan date
I-EMER PUBLIC INFO	9/30/2009	11/30/2009	Yes		
M-RESOURCE MGMT	9/15/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	10/31/2005	1/9/2006	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/28/2009	11/30/2009	Yes		
Q-HAZMAT/OIL SPILL	9/15/2005	10/17/2005	Yes		Revise by 5th anniversary of Plan date
V-TERRORISM	11/11/2005	12/16/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	7/10/2006	8/28/2006	Yes		
F-FIREFIGHTING	9/7/2006	2/1/2007	Yes		
G-LAW ENFORCEMENT	3/2/2010	3/22/2010	Yes		
H-HEALTH MEDICAL	9/20/2006	2/23/2007	Yes		
J-RECOVERY	10/20/2009	12/21/2009	Yes		
K-PUBLIC WORKS	8/7/2006	10/5/2006	Yes		
L-ENERGY UTILITIES	9/30/2009	11/30/2009	Yes		
R-SEARCH & RESCUE	9/7/2006	2/1/2007	Yes		
S-TRANSPORTATION	9/11/2006	2/1/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	10/7/2008	12/9/2008	Yes		
T-DONATIONS MGMT	9/26/2008	12/9/2008	Yes		
U-LEGAL	9/29/2008	12/9/2008	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Castroville** PLAN NO: 16305 PLAN RECORD: Primary
COUNTY: MEDINA COG: 18 DisasterDistrict: 6C
ASSOCIATION:

Notes:

EMC: R.L. McVay RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Basic

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 7/14/2003 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/12/2005 DEM 147 Date: 5/21/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/8/2006	6/25/2007	Yes		
A-WARNING	9/8/2006	5/2/2007	Yes		
B-COMMUNICATIONS	9/8/2006	5/2/2007	Yes		
C-SHELTER MASS CARE	9/20/2006	6/25/2007	Yes		
E-EVACUATION	9/8/2006	6/25/2007	Yes		
I-EMER PUBLIC INFO	9/8/2006	5/2/2007	Yes		
M-RESOURCE MGMT	9/12/2006	6/25/2007	Yes		
N-DIRECTION CONTROL	9/8/2006	5/2/2007	Yes		
O-HUMAN SERVICES	9/8/2006	5/2/2007	Yes		
Q-HAZMAT/OIL SPILL	9/28/2006	5/2/2007	Yes		
V-TERRORISM	9/8/2009	5/2/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION			No		Prepare Annex
F-FIREFIGHTING			No		Prepare Annex
G-LAW ENFORCEMENT	9/8/2006	5/2/2007	Yes		
H-HEALTH MEDICAL	9/15/2006	5/2/2007	Yes		
J-RECOVERY	9/12/2006	5/2/2007	Yes		
K-PUBLIC WORKS	7/19/2006	9/30/2006	Yes	K-27	Update to Correct Deficiencies
L-ENERGY UTILITIES	7/19/2006	9/30/2006	Yes	L-19	Update to Correct Deficiencies
R-SEARCH & RESCUE			Yes		Prepare Annex
S-TRANSPORTATION			Yes		Prepare Annex
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	9/15/2006	5/2/2007	Yes		
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL	9/20/2006	5/2/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Devine** PLAN NO: 16310 PLAN RECORD: Primary
COUNTY: MEDINA COG: 18 DisasterDistrict: 6C
ASSOCIATION:

Notes:

EMC: Robert Flores RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Advanced

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 11/18/2003 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 7/12/2005 DEM 147 Date: 8/22/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/21/2006	7/27/2007	Yes		
A-WARNING	9/21/2006	6/26/2007	Yes		
B-COMMUNICATIONS	9/21/2006	5/15/2007	Yes		
C-SHELTER MASS CARE	9/21/2006	7/27/2007	Yes		
E-EVACUATION	9/21/2006	5/15/2007	Yes		
I-EMER PUBLIC INFO	9/21/2006	5/15/2007	Yes		
M-RESOURCE MGMT	9/21/2006	5/15/2007	Yes		
N-DIRECTION CONTROL	9/21/2006	5/15/2007	Yes		
O-HUMAN SERVICES	9/21/2006	5/15/2007	Yes		
Q-HAZMAT/OIL SPILL	9/22/2006	6/28/2007	Yes		
V-TERRORISM	9/21/2006	5/15/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	12/7/2007	3/9/2009	Yes		
F-FIREFIGHTING	12/7/2007	3/9/2009	Yes		
G-LAW ENFORCEMENT	8/4/2006	10/5/2006	Yes		
H-HEALTH MEDICAL	2/6/2009	4/15/2009	Yes		
J-RECOVERY	8/4/2006	10/5/2006	Yes		
K-PUBLIC WORKS	8/4/2006	5/18/2009	Yes		
L-ENERGY UTILITIES	11/28/2007	10/24/2008	Yes		
R-SEARCH & RESCUE	12/7/2007	3/9/2009	Yes		
S-TRANSPORTATION	2/4/2009	4/15/2009	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	6/19/2007	4/28/2008	Yes		
T-DONATIONS MGMT	2/4/2009	4/15/2009	Yes		
U-LEGAL	6/29/2007	8/14/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

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JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Hondo** PLAN NO: 16315 PLAN RECORD: Primary
COUNTY: MEDINA COG: 18 DisasterDistrict: 6C
ASSOCIATION:

Notes:

EMC: Timothy Fousse RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Status Pending

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 9/2/2003 Court Order Date: Joint Resolution Date:
NIMS Adoption Date: 9/6/2005 DEM 147 Date: 10/16/2006 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/7/2007	4/16/2008	Yes		
A-WARNING	9/7/2007	10/17/2007	Yes		
B-COMMUNICATIONS	1/30/2007	9/7/2007	Yes		
C-SHELTER MASS CARE	6/20/2007	9/7/2007	Yes	C-24	Update to Correct Deficiencies
E-EVACUATION	8/30/2007	11/7/2007	Yes		
I-EMER PUBLIC INFO	9/4/2007	11/7/2007	Yes		
M-RESOURCE MGMT	9/1/2007	11/7/2007	Yes		
N-DIRECTION CONTROL	9/12/2007	4/22/2008	Yes	N-21	Update to Correct Deficiencies
O-HUMAN SERVICES	9/1/2007	11/7/2007	Yes	O-20	Update to Correct Deficiencies
Q-HAZMAT/OIL SPILL	8/30/2007	4/22/2008	Yes		
V-TERRORISM	8/30/2007	11/7/2007	Yes		
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION			No		Prepare Annex
F-FIREFIGHTING			No		Prepare Annex
G-LAW ENFORCEMENT			Yes		Prepare Annex
H-HEALTH MEDICAL			No		Prepare Annex
J-RECOVERY			Yes		Prepare Annex
K-PUBLIC WORKS			No		Prepare Annex
L-ENERGY UTILITIES			Yes		Prepare Annex
R-SEARCH & RESCUE			Yes		Prepare Annex
S-TRANSPORTATION			Yes		Prepare Annex
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION			Yes		Prepare Annex
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL			Yes		Prepare Annex

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Medina County** PLAN NO: 16300 PLAN RECORD: Primary
COUNTY: MEDINA COG: 18 DisasterDistrict: 6C
ASSOCIATION: La Coste, Natalia

Notes:

EMC: Wesley Beck RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Basic

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 9/3/1986 Joint Resolution Date: 2/13/2004
NIMS Adoption Date: 9/12/2005 DEM 147 Date: 4/29/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	12/5/2005	2/7/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/5/2006	6/25/2007	Yes		
B-COMMUNICATIONS	9/5/2006	5/4/2007	Yes		
C-SHELTER MASS CARE	9/28/2006	6/8/2007	Yes		
E-EVACUATION	9/5/2006	6/8/2007	Yes		
I-EMER PUBLIC INFO	11/29/2005	7/3/2007	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	11/29/2005	2/8/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/29/2005	6/18/2007	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/5/2006	5/4/2007	Yes		
Q-HAZMAT/OIL SPILL	9/5/2006	6/25/2007	Yes		
V-TERRORISM	11/29/2005	2/8/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/31/1995	5/22/1995	No		Outdated - Revise/Update
F-FIREFIGHTING	3/31/1993	10/9/1992	No		Outdated - Revise/Update
G-LAW ENFORCEMENT	3/31/1992	4/7/1992	Yes		Outdated - Revise/Update
H-HEALTH MEDICAL	3/31/1992	4/7/1992	No		Outdated - Revise/Update
J-RECOVERY	4/14/2000	5/8/2000	Yes		Outdated - Revise/Update
K-PUBLIC WORKS	4/24/2001	6/6/2001	No		Outdated - Revise/Update
L-ENERGY UTILITIES	8/31/1994	9/1/1994	Yes		Outdated - Revise/Update
R-SEARCH & RESCUE	7/15/1993	8/2/1993	Yes		Outdated - Revise/Update
S-TRANSPORTATION	9/30/1992	10/9/1992	Yes		Outdated - Revise/Update
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	7/19/1993	8/2/1993	Yes		Outdated - Revise/Update
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL			Yes		Prepare Annex

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Natalia** PLAN NO: 16300 PLAN RECORD: S
COUNTY: MEDINA COG: 18 DisasterDistrict: 6C
ASSOCIATION: MEDINA COUNTY

Notes:

EMC: County Judge EMC RLO: Summer Scheel

ASSESSMENT OF PLANNING PREPAREDNESS = Basic

Requirements for the Basic level of Preparedness: Funding Status: NOTEMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 11/20/2003 Court Order Date: Joint Resolution Date: 2/13/2004
NIMS Adoption Date: 8/15/2005 DEM 147 Date: 4/5/2004 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	12/5/2005	2/7/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/5/2006	6/25/2007	Yes		
B-COMMUNICATIONS	9/5/2006	5/4/2007	Yes		
C-SHELTER MASS CARE	9/28/2006	6/8/2007	Yes		
E-EVACUATION	9/5/2006	6/8/2007	Yes		
I-EMER PUBLIC INFO	11/29/2005	7/3/2007	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	11/29/2005	2/8/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/29/2005	6/18/2007	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	9/5/2006	5/4/2007	Yes		
Q-HAZMAT/OIL SPILL	9/5/2006	6/25/2007	Yes		
V-TERRORISM	11/29/2005	2/8/2006	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	3/31/1995	5/22/1995	No		Outdated - Revise/Update
F-FIREFIGHTING	3/31/1993	10/9/1992	No		Outdated - Revise/Update
G-LAW ENFORCEMENT	3/31/1992	4/7/1992	Yes		Outdated - Revise/Update
H-HEALTH MEDICAL	3/31/1992	4/7/1992	No		Outdated - Revise/Update
J-RECOVERY	4/14/2000	5/8/2000	Yes		Outdated - Revise/Update
K-PUBLIC WORKS	4/24/2001	6/6/2001	No		Outdated - Revise/Update
L-ENERGY UTILITIES	8/31/1994	9/1/1994	Yes		Outdated - Revise/Update
R-SEARCH & RESCUE	7/15/1993	8/2/1993	Yes		Outdated - Revise/Update
S-TRANSPORTATION	9/30/1992	10/9/1992	Yes		Outdated - Revise/Update
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	7/19/1993	8/2/1993	Yes		Outdated - Revise/Update
T-DONATIONS MGMT			Yes		Prepare Annex
U-LEGAL			Yes		Prepare Annex

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Floresville** PLAN NO: 24700 PLAN RECORD: S
COUNTY: WILSON COG: 18 DisasterDistrict: S6C
ASSOCIATION: WILSON COUNTY

Notes:

EMC: Daniel Martinez RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 10/22/1981 Court Order Date: Joint Resolution Date: 7/26/1999
NIMS Adoption Date: 8/11/2005 DEM 147 Date: 8/21/2007 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/15/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/18/2008	8/11/2009	Yes		
B-COMMUNICATIONS	10/30/2006	6/15/2007	Yes		
C-SHELTER MASS CARE	9/17/2008	2/19/2009	Yes		
E-EVACUATION	9/18/2008	12/4/2008	Yes		
I-EMER PUBLIC INFO	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/8/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	7/21/2009	8/24/2009	Yes		
Q-HAZMAT/OIL SPILL	12/3/2008	7/23/2009	Yes		
V-TERRORISM	11/4/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	10/31/2006	6/14/2007	Yes		
F-FIREFIGHTING	10/31/2006	6/14/2007	Yes		
G-LAW ENFORCEMENT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
H-HEALTH MEDICAL	10/27/2006	6/14/2007	Yes		
J-RECOVERY	7/21/2009	8/24/2009	Yes		
K-PUBLIC WORKS	10/27/2006	6/14/2007	Yes		
L-ENERGY UTILITIES	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	2/10/2006	2/10/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	10/27/2006	6/14/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	3/21/2005	3/25/2005	Yes		Outdated - Revise/Update
T-DONATIONS MGMT	10/27/2006	6/13/2007	Yes		
U-LEGAL	10/27/2006	6/13/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **La Vernia** PLAN NO: 24700 PLAN RECORD: S
COUNTY: WILSON COG: 18 DisasterDistrict: S6C
ASSOCIATION: WILSON COUNTY

Notes:

EMC: Robert Hyatt RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 2/2/1981 Court Order Date: Joint Resolution Date: 2/2/1981
NIMS Adoption Date: 6/9/2005 DEM 147 Date: 11/4/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/15/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/18/2008	8/11/2009	Yes		
B-COMMUNICATIONS	10/30/2006	6/15/2007	Yes		
C-SHELTER MASS CARE	9/17/2008	2/19/2009	Yes		
E-EVACUATION	9/18/2008	12/4/2008	Yes		
I-EMER PUBLIC INFO	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/8/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	7/21/2009	8/24/2009	Yes		
Q-HAZMAT/OIL SPILL	12/3/2008	7/23/2009	Yes		
V-TERRORISM	11/4/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	10/31/2006	6/14/2007	Yes		
F-FIREFIGHTING	10/31/2006	6/14/2007	Yes		
G-LAW ENFORCEMENT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
H-HEALTH MEDICAL	10/27/2006	6/14/2007	Yes		
J-RECOVERY	7/21/2009	8/24/2009	Yes		
K-PUBLIC WORKS	10/27/2006	6/14/2007	Yes		
L-ENERGY UTILITIES	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	2/10/2006	2/10/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	10/27/2006	6/14/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	3/21/2005	3/25/2005	Yes		Outdated - Revise/Update
T-DONATIONS MGMT	10/27/2006	6/13/2007	Yes		
U-LEGAL	10/27/2006	6/13/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Stockdale** PLAN NO: 24700 PLAN RECORD: S
COUNTY: WILSON COG: 18 DisasterDistrict: S6C
ASSOCIATION: WILSON COUNTY

Notes:

EMC: Edwin Baker RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: EMPG2

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: 11/9/1981 Court Order Date: Joint Resolution Date: 11/9/1981
NIMS Adoption Date: 6/7/2005 DEM 147 Date: 12/5/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/15/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/18/2008	8/11/2009	Yes		
B-COMMUNICATIONS	10/30/2006	6/15/2007	Yes		
C-SHELTER MASS CARE	9/17/2008	2/19/2009	Yes		
E-EVACUATION	9/18/2008	12/4/2008	Yes		
I-EMER PUBLIC INFO	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/8/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	7/21/2009	8/24/2009	Yes		
Q-HAZMAT/OIL SPILL	12/3/2008	7/23/2009	Yes		
V-TERRORISM	11/4/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	10/31/2006	6/14/2007	Yes		
F-FIREFIGHTING	10/31/2006	6/14/2007	Yes		
G-LAW ENFORCEMENT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
H-HEALTH MEDICAL	10/27/2006	6/14/2007	Yes		
J-RECOVERY	7/21/2009	8/24/2009	Yes		
K-PUBLIC WORKS	10/27/2006	6/14/2007	Yes		
L-ENERGY UTILITIES	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	2/10/2006	2/10/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	10/27/2006	6/14/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	3/21/2005	3/25/2005	Yes		Outdated - Revise/Update
T-DONATIONS MGMT	10/27/2006	6/13/2007	Yes		
U-LEGAL	10/27/2006	6/13/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

JURISDICTION PREPAREDNESS PROFILE

JURISDICTION: **Wilson County** PLAN NO: 24700 PLAN RECORD: Primary
COUNTY: WILSON COG: 18 DisasterDistrict: S6C
ASSOCIATION: Floresville, La Vernia, Poth, Stockdale

Notes:

EMC: LeAnn Hosek RLO: Alex Camacho

ASSESSMENT OF PLANNING PREPAREDNESS = Intermediate

Requirements for the Basic level of Preparedness: Funding Status: EMPG

1. Legal documents establishing the local Emergency Management Program:

City Ordinance Date: Court Order Date: 11/9/1981 Joint Resolution Date: 2/2/1981
NIMS Adoption Date: 5/23/2005 DEM 147 Date: 8/21/2008 Mitigation Action Plan Date: 5/11/2005

2. Current Planning documents as listed below:
   A. Data below is based on documents sent to the Division of Emergency Management.
   B. To be considered current, documents must have been prepared/revised or updated by change within 5 years.
   C. Deficiencies listed refer to like-numbered items in State Planning Standards.
   D. The list of annexes below include only those required by the state.

DOCUMENT	PLAN DATE	DATE REVIEWED	NIMS Compliant	DEFICIENCIES	STATUS/ACTION
Requirements for BASIC LEVEL of Preparedness, these Annexes:					
BASIC PLAN	9/15/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
A-WARNING	9/18/2008	8/11/2009	Yes		
B-COMMUNICATIONS	10/30/2006	6/15/2007	Yes		
C-SHELTER MASS CARE	9/17/2008	2/19/2009	Yes		
E-EVACUATION	9/18/2008	12/4/2008	Yes		
I-EMER PUBLIC INFO	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
M-RESOURCE MGMT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
N-DIRECTION CONTROL	11/8/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
O-HUMAN SERVICES	7/21/2009	8/24/2009	Yes		
Q-HAZMAT/OIL SPILL	12/3/2008	7/23/2009	Yes		
V-TERRORISM	11/4/2005	11/17/2005	Yes		Revise by 5th anniversary of Plan date
Requirements for INTERMEDIATE LEVEL of Preparedness (Basic + these Annexes):					
D-RAD PROTECTION	10/31/2006	6/14/2007	Yes		
F-FIREFIGHTING	10/31/2006	6/14/2007	Yes		
G-LAW ENFORCEMENT	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
H-HEALTH MEDICAL	10/27/2006	6/14/2007	Yes		
J-RECOVERY	7/21/2009	8/24/2009	Yes		
K-PUBLIC WORKS	10/27/2006	6/14/2007	Yes		
L-ENERGY UTILITIES	10/11/2005	2/9/2006	Yes		Revise by 5th anniversary of Plan date
R-SEARCH & RESCUE	2/10/2006	2/10/2006	Yes		Revise by 5th anniversary of Plan date
S-TRANSPORTATION	10/27/2006	6/14/2007	Yes		
Requirements for ADVANCED LEVEL of Preparedness (Basic + Intermediate + these Annexes):					
P-HAZARD MITIGATION	3/21/2005	3/25/2005	Yes		Outdated - Revise/Update
T-DONATIONS MGMT	10/27/2006	6/13/2007	Yes		
U-LEGAL	10/27/2006	6/13/2007	Yes		

NOTE: Full NIMS Compliance for planning was due September 30, 2006.

Tuesday, June 01, 2010

Federal Emergency Management Agency
Community Listing of CEO and FPA
TEXAS

CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
	**** ANDERSON COUNTY ****									
480001	ANDERSON COUNTY*	PARTICIPATING	ORIGINAL	02/03/10	FPA	Shelby Wells	FPA/Asst. EMC	9037237813		swells@co.anderson.tx.us
					CEO	Shelby Wells	Asst. Emerg. Mgmt. Coordinator	9037237812		SWELLS@CO.ANDERSON.TX.US
480002	ELKHART, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/03/10						
480003	FRANKSTON, CITY OF	WITHDRAWN	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	Jan Hamilton	Water Superintendent	9038762241		cityhall@embarqmail.com
					CEO	JAMES GOUGER	MAYOR, CITY OF FRANKSTON	9038762241		
480004	PALESTINE, CITY OF	PARTICIPATING	REVISED	02/03/10						
480005	TUCKER, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	VERGIL RAINES	MAYOR			
					CEO	VERGIL RAINES	MAYOR			
	**** ANDREWS COUNTY ****									
481192	ANDREWS COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	RICHARD DOLGNER	COUNTY JUDGE	9155241401		rdolgner@co.andrews.tx.us
480006	ANDREWS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07	FPA	Humberto Lopez	Building INspector			
					CEO	Scott Wallace	Dir. of Community Service	4325234820		swallace@cityofandrews.org
	**** ANGELINA COUNTY ****									
480007	ANGELINA COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/02/07	FPA	Ricky Connor	Floodplain Administrator			
					CEO	RICKY CONNER	Emergency Management Coor.	9366714054		EMC@ANGELINACOUNTY.NET
480008	DIBOLL, CITY OF	PARTICIPATING	ORIGINAL	02/06/91	FPA	Dennis McDuffy	City Manager	9368294757		dennis@cityofdiboll.com
					CEO	Bill Brown	MAyor	9368294757		
481277	HOMER, TOWN OF	DEFUNCT	NEVER MAPPED	06/03/77						
481077	HUNTINGTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/08	FPA	Jack Carter	Floodplain Administrator	9364224195		jdcarter@cityofhuntington.org
					CEO	Herman Woolbright	Mayor	9364224195		admin@cityofhuntington.org
480009	LUFKIN,CITY OF	PARTICIPATING	REVISED	04/02/07	FPA	Chuck Walker	FPA/City Engineer	9366330215		cwalker@cityoflufkin.com
					CEO	Jack Gorden	Mayor	9366330293		
485527	ZAVALLA, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Donna Marshall	City Secretary			
					CEO	BOBBY EPPELY JR	CHIEF OF POLICE	9368978209		CHIEFEPP_901@YAHOO.COM
	**** ARANSAS COUNTY ****									
485452	ARANSAS COUNTY *	PARTICIPATING	REVISED	05/04/92	FPA	JAMES JACKSON	DIRECTOR	3617900121		jsjackson@aransascounty.org
					CEO	GLEN GUILLOY	COUNTY JUDGE	361790012		

Federal Emergency Management Agency
Community Listing of CEO and FPA
TEXAS

CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								1		
485453	ARANSAS PASS, CITY OF	PARTICIPATING	REVISED	05/04/92	FPA	FRANK TRUITT	ASSISTANT CITY INSPECTOR	3617585415		ftruitt@aransaspasstx.gov
					CEO	RICK EWANISZYKW	CITY MANAGER	3617585301		rewaniszykw@aransas-pass-texas.com
480012	FULTON, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Bob Loflin	Dir of Operations			
					CEO	MIKE WOMACK	MAYOR	3617295533		
485504	ROCKPORT, CITY OF	PARTICIPATING	REVISED	03/04/85	FPA	MIKE HENRY	Dir., Building and Development	3617292213		building@cityofrockport.com
					CEO	TODD W PEARSON	MAYOR	3617292213		mayor@cityofrockport.com
	**** ARCHER COUNTY ****									
480698	ARCHER CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/16/79	FPA	Shane Wright	FLOODPLAIN ADMINISTRATOR			
					CEO	MICHAEL CAVITT	FLOODPLAIN ADMINISTRATOR	9405744570		MWCAVITT@CITYOFACTX.ORG
481078	ARCHER COUNTY*	PARTICIPATING	ORIGINAL	01/06/88	FPA	BECKY PURSUR	EMERGENCY MANG'T COORDN.	9405742868		becky.pursur@co.archer.tx.us
					CEO	PAUL O WYLIE	COUNTY JUDGE	9405744811		NONE
480699	HOLLIDAY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	DANNY ADDISON	PUBLIC WORKS DIRECTOR			
					CEO	Marie Balthrop	City Secretary	9405861313		hollidayadmin@srcaccess.net
481496	LAKESIDE CITY, CITY OF	PARTICIPATING	ORIGINAL	02/03/10						
480700	MEGARGEL, TOWN OF	PARTICIPATING	NEVER MAPPED	08/22/75	FPA	LAWRENCE SMITH	FLOODPLAIN MANAGER	9405622341		
					CEO	DANNY FAILS	MAYOR	9405622341		
481280	SCOTLAND, CITY OF	NOT PARTICIPATING	NEVER MAPPED	06/14/77	FPA	KIM HEMMI	CITY SECRETARY	9407336804		scotlandtx@comcell.net
					CEO	ROBERT KRAHL	MAYOR	9405412360		
	**** ARMSTRONG COUNTY ****									
481205	ARMSTRONG COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	HUGH REED	COUNTY JUDGE	8062243221		NONE
					CEO	HUGH REED	COUNTY JUDGE	8062243221		NONE
481098	CLAUDE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	M J	City Secretary			
					CEO	RICK JONES	MAYOR	8062263261		claudetx@arn.net
	**** ATASCOSA COUNTY ****									
480014	ATASCOSA COUNTY *	PARTICIPATING	ORIGINAL	06/15/81	FPA	CHARLES GARRIS	FLOODPLAIN ADMINITRATOR	8307692029		emc-fm@2fastmail.com
					CEO	DIANA J BAUTISTA	COUNTY JUDGE	8307693093		NONE
481068	CAMPBELLTON, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/25/76						
480701	CHARLOTTE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/09	FPA	NORMA ZUNIGA	CITY SECRETARY	8302771414		city@vtxb.com
					CEO	AUGUSTINE MUNOZ	MAYOR	831277141		city@vtxb.com

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TEXAS

CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								4		
480702	CHRISTINE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/11/75	FPA			8307843320		
					CEO	Odel Vasquez	MAYOR	8307843320		christinecityoffice@yahoo.com
480703	JOURDANTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/18/85	FPA	Daniel G Nick	City Manager	8307693075		
					CEO	LARRY PRYOR	MAYOR	8307693075		
480692	LYTLE, CITY OF	PARTICIPATING	ORIGINAL	02/02/77						
480015	PLEASANTON, CITY OF	PARTICIPATING	ORIGINAL	04/01/81	FPA	CATHY CORONADO	CITY MANAGER	8305693867		cityofpls@karnesec.net
					CEO	WILLIAM O LAMB	CITY MANAGER	8305693867		CITYOFPLF@KARNESEC.NET
480016	POTEET, CITY OF	PARTICIPATING	ORIGINAL	11/03/89						
	**** AUSTIN COUNTY ****									
480704	AUSTIN COUNTY *	PARTICIPATING	REVISED	09/03/10	FPA		Floodplain Administrator			
					CEO	Frank Rodriguez	Floodplain Administrator	9798655911		env@austincounty.com
481095	BELLVILLE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	Betty Hollon	City Secretary			
					CEO	LYNN S ROBERTS	CITY ADMINISTRATOR	9798653136		
481693	BRAZOS COUNTRY, CITY OF	PARTICIPATING	REVISED	09/03/10	FPA	CHARLES A KALKOMEY	MAYOR	9798857264		
					CEO	CHARLES KALKOMEY	Mayor	9798857264		
480288	INDUSTRY, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10						
					CEO	ALAN KUEHN	MAYOR	9793572190		
480705	SAN FELIPE, TOWN OF	PARTICIPATING	REVISED	09/03/10	FPA	FRANK RODRIGUEZ JR	FPA	9798655911	225	cbilski@austincounty.com
					CEO	BOBBY BYARS	MAYOR	9798857035		NONE
480017	SEALY, CITY OF	PARTICIPATING	REVISED	09/03/10	FPA	Larry Maryberry	Director of Public Works			
					CEO	Larry W Maryberry	CFM	9798851669		LMAYBERRY@CI.SEALY.TX.US
480018	WALLIS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	TONY SALAZAR	MAYOR			
					CEO	CHARLES HINZE JR	CITY ADMIN	9794786712		
	**** BAILEY COUNTY ****									
481206	BAILEY COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Curtis Preston	CEA-AG	8062724583		c-preston@tamu.edu
					CEO	MARILYN COX	COUNTY JUDGE	8062723077		
480019	MULESHOE, CITY OF	PARTICIPATING	ORIGINAL	10/17/89						
	**** BANDERA COUNTY ****									

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480020	BANDERA COUNTY *	PARTICIPATING	REVISED	02/15/91	FPA	Raymundo Rendon	P.E., County Engineer	8304608183		RayRendon@indian-creek.net
					CEO	RICHARD A EVANS	COUNTY JUDGE	8307963781		jdgbc@indian-creek.net
480021	BANDERA, CITY OF	PARTICIPATING	REVISED	07/17/89	FPA	Gene R Foerster	City Administrator	8307963765		
					CEO	Horst Pallaske	MAYOR	8307963765		cityofbandera@stic.net
	**** BASTROP COUNTY ****									
481193	BASTROP COUNTY *	PARTICIPATING	REVISED	01/19/06	FPA	Vickie Box	Floodplain Administrator	5123327201		
					CEO	Vickie Box	Floodplain Administrator	5125817159		VICKIE.BOX@CO.BASTROP.TX.US
480022	BASTROP, CITY OF	PARTICIPATING	REVISED	01/19/06	FPA	Ted Bowers	PLANNING DIRECTOR	5123210457		tbowers@cityofbastrop.org
					CEO	TOM SCOTT	MAYOR	5123213941		NONE
480023	ELGIN, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/26/08	FPA	GARY N COOKE	DIRECTOR OF PLANNING	5122810119	104	gcooke@ci.elgin.tx.us
					CEO	ERIC CARLSON	MAYOR	5122810119		
480024	SMITHVILLE, CITY OF	PARTICIPATING	REVISED	01/19/06	FPA	Jack T Page Jr.	Public Works Director	5122373282		jpage@ci.smithville.tx.us
					CEO	RENEE BLASCHKE	MAYOR	5122373282		mayor@ci.smithville.tx.us
	**** BAYLOR COUNTY ****									
481207	BAYLOR COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/15/86	FPA	Jerry Pruitt	EMC			
					CEO	JOE SHEPHARD	CITY MANAGER	9408893148		JSHEPHARD@DTNSPEED.NET
480025	SEYMOUR, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/15/85	FPA	Jerry Pruitt	EMC	9408893533		JSHEPHARD@DTNSPEED.NET
					CEO	JOE SHEPARD	CITY MANAGER	9408893148		JSHEPHARD@DTNSPEED.NET
	**** BEE COUNTY ****									
480026	BEE COUNTY *	PARTICIPATING	REVISED	05/20/10	FPA	Dennis DEWITT	DIRECTOR OF COMM. AFFAIRS			dennis.dewitt@co.bee.tx.us
					CEO	David Silva	County Judge	3613623232		DENNIS.DEWITT@CO.BEE.TX.US
480027	BEEVILLE, CITY OF	PARTICIPATING	REVISED	05/20/10	FPA	Lanny Holland	Building Official			grod1029@hotmail.com
					CEO	Jimmy Martinez, Jr.	Mayor, City of Beeville	3613584641		
	**** BELL COUNTY ****									
480707	BARTLETT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Natie Ingram	CITY SECRETARY	2545273219		bartlettcityhall@sbcglobal.net
					CEO	ARTHUR WHITE	MAYOR	2545273219		jhatchinson@vvm.com
480706	BELL COUNTY *	PARTICIPATING	REVISED	09/26/08						
					CEO	Bryan B NEAVES	County Engineer	2549335275		BRYAN.NEAVES@CO.BELL.TX.US

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480028	BELTON, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Rex Robertson		2549335823		rrobertson@ci.belton.tx.us
					CEO	Jim Covington	Mayor	2549335800		
480155	COPPERAS COVE, CITY OF	PARTICIPATING	REVISED	02/17/10	FPA	Wes Wright	City Engineer	2545474221		wwright@ci.copperas-cove.tx.us
					CEO	CARL FORD	CITY PLANNER	2545428904		CFORD@CI.COPPERS-COVE.TX.US
480029	HARKER HEIGHTS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	DAVID KINGSLEY	BUILDING OFFICAL	2549535600		HHCBO@HARKERHEIGHTS.COM
					CEO	ED MULLEN	MAYOR	2546992301		
480030	HOLLAND, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Kathleen Verona	CITY SECRETARY	2546572460		cityoffices@thecityofholland.org
					CEO	MAE SMITH	MAYOR	2546572460		
480031	KILLEEN, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	John P Nett, P.E., CFM	City Engineer	2545017621		
					CEO	TIMOTHY L HANCOCK	MAYOR	2545017700		
481579	LITTLE RIVER-ACADEMY, CITY	PARTICIPATING	REVISED	09/26/08	FPA	RONNIE WHITE	MAYOR/FPA	2549824248		cityoflra@vvm.com
					CEO	RONNIE WHITE	MAYOR	2549824248		
481525	MORGAN'S POINT RESORT, CITY	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08						
480032	NOLANVILLE, CITY OF	PARTICIPATING	REVISED	09/26/08						
480708	ROGERS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Ann McCord	City Secretary	2546423312		ctyhall@vvm.com
					CEO	Ann McCord	CITY ADMINISTRATOR	2546423312		ctyhall@vvm.com
480033	SALADO, VILLAGE OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	JOHN A SIMCIK	VILLAGE ENGINEER	2547733731		jsimcik@kpaengineers.com
					CEO	RICK ASHE	MAYOR	2549475060		
480034	TEMPLE, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Donald Bond	Project Manager	2542985600		
					CEO	William A Jones III	Mayor, City of Temple	2542982951		bjones@ci.temple.tx.us
480709	TROY, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Sherry Horsak	FPA	2549382505		cityoftroy@vvm.com
					CEO	ERNEST THOMPSON	MAYOR	2549382505		
	**** BEXAR COUNTY ****									
480036	ALAMO HEIGHTS, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Brian L Chandler	Community Development director	2108260516		bchandler@alamoheightstx.gov
					CEO	LOUIS COOPER	MAYOR	2108223331		lcooper@alamoheightstx.gov
481094	BALCONES HEIGHTS, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Delia Flores	City Secretary	2107359148	246	delia@balconesheights.org
					CEO	Suzanne Deleon	MAYOR	2107359148		sdeleon@balconesheights.org
480035	BEXAR COUNTY *	PARTICIPATING	REVISED	06/18/07						

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480037	CASTLE HILLS, CITY OF	PARTICIPATING	REVISED	06/18/07						
481141	CHINA GROVE, CITY OF	PARTICIPATING	ORIGINAL	06/18/07						
480038	CONVERSE, CITY OF	PARTICIPATING	REVISED	06/18/07						
480710	ELMENDORF, CITY OF	PARTICIPATING	ORIGINAL	06/18/07	FPA	Cody Dailey	P. O. Box 247	2106358210		cityadministrator@satx.rr.com
481644	FAIR OAKS RANCH, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	James A Earl	Building Official	2106980900		
					CEO	Roy Thomas	City Admin			
480039	GREY FOREST, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Shannan Kinsley	CITY SECRETARY	2106953261		city-of-grey-forest@satx.rr.com
					CEO	DONALD DARST	MAYOR	2106953261		city-of-grey-forest@satx.rr.com
481643	HELOTES, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Derek Naiser	City Engineer	2108222232		DNAISER@LNBINC.COM
					CEO	Tom Schoolcraft	MAYOR	2106958877		
481106	HILL COUNTRY VILLAGE, CITY	PARTICIPATING	REVISED	06/18/07	FPA	David Givler	Floodplain Administor/Engineer	2103423991	204	givler@GIVLERENGINEERING.COM
					CEO	Kirk Francis	MAYOR	2104943671		
480040	HOLLYWOOD PARK, TOWN OF	PARTICIPATING	REVISED	06/18/07	FPA	David L Givler	Floodplain Administrator/Engin	2103423991	204	givler@givlerengineering.com
					CEO	Richard W Mc Ilveen	MAYOR	2104942023	225	mayor@hollywoodpark-tx.gov
480041	KIRBY, CITY OF	PARTICIPATING	REVISED	06/18/07						
480042	LEON VALLEY, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Kristie Flores	Director of Community Developm	2106841391	227	k.flores@leonvalleytexas.gov
					CEO	Chris Riley	MAYOR	2106841391	218	mayor@leonvalleytexas.gov
480043	LIVE OAK, CITY OF	PARTICIPATING	REVISED	06/18/07						
480692	LYTLE, CITY OF	PARTICIPATING	ORIGINAL	02/02/77						
481625	NEW BERLIN, CITY OF	PARTICIPATING	REVISED	11/02/07						
481540	OLMOS PARK, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	06/18/07	FPA	JAMES SHIPLEY	Emc	2108243281		opemc@ci.olmos-park.tx.us
					CEO	Ronald Tefteller	MAYOR	2108243281		
480045	SAN ANTONIO, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Robert Browning	Chief Storm Water Engineer	2102078084		
					CEO	Julian Castro	Mayor	2102077060		mayorjuliancastro@sanantonio.gov
480269	SCHERTZ, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	Jimmy E Hooks	Superintendent of public works	2106587477		jhooks@schertz.com
					CEO	Harold Baldwin	MAYOR	2106587477		mayor@schertz.com
480046	SELMA, CITY OF	PARTICIPATING	REVISED	09/02/09						
480047	SHAVANO PARK, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Manuel Longoria	CITY Manager	2104933478		mlongoria@shavanopark.org
					CEO	DAVID A MARNE	MAYOR	2107245555		mayor@shavanopark.org

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481264	SOMERSET, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Miguel Cantu	City Administrator/General Cle	8307014100		city.administrator@somersettx.gov
					CEO	Paul G Cuellar	MAYOR	8307014100		
481132	ST. HEDWIG, CITY OF	PARTICIPATING	ORIGINAL	06/18/07						
480048	TERRELL HILLS, CITY OF	PARTICIPATING	REVISED	06/18/07						
480049	UNIVERSAL CITY, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Wes Keller	FPA	2106590333	218	stormwater@universalcitytexas.com
					CEO	John Williams	MAYOR	2106590333		cityclerk@universalcitytexas.com
480689	WINDCREST, CITY OF	PARTICIPATING	REVISED	06/18/07						
	**** BLANCO COUNTY ****									
480711	BLANCO COUNTY*	PARTICIPATING	ORIGINAL	02/06/91						
480050	BLANCO, CITY OF	PARTICIPATING	REVISED	02/06/91	FPA	MARK MCMAIN	EMERGENCY MANAGM'T COORD.	8308335239		
					CEO	JIM RODRIGUE	MAYOR PRO TIM	8308334525		NONE
480712	JOHNSON CITY, CITY OF	PARTICIPATING	REVISED	02/06/91	FPA	DAVID DOCKERY	FLOOD PLAIN ADMINISTRATOR	8308687111		jcpworks@moment.net
					CEO	GARY HOOPKIIN	MAYOR	8308687111		
	**** BORDEN COUNTY ****									
481208	BORDEN COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** BOSQUE COUNTY ****									
480051	BOSQUE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	DEWEY D Ratliff	Floodplain Administrator	2544352807		EMC@bosquecounty.us
					CEO	COLE WORD	COUNTY JUDGE	2544352382		bosquecountyjudge@htcomp.net
480052	CLIFTON,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87						
481512	CRANFILLS GAP, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	01/01/92	FPA	Laverne Smith	City Council	2546880860		dila_fish@yahoo.com
					CEO	Ron Hubbard	MAYOR	2545972756		
481072	IREDELL, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/92	FPA	Jim Berry	City Employee			
					CEO	ROYCE HIATH	MAYOR	2543642436		RPHIATH@HTCOMP.NET
480053	MERIDIAN,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Marie Garland	FPA	2544352381		garland.marie@meridiantexas.us
					CEO	Jeff Keese	MAYOR	2544352381		
481123	MORGAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Jon Croom	MAYOR	2546352106		cityofmorgan@valornet.com
					CEO	Jon Croom	MAYOR	2546352106		cityofmorgan@htcomp.net
480054	VALLEY MILLS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	JOHN SHAMPTON	MAYOR			mayor@vmtx.us
					CEO	BILL LANCASTER	CITY ADMINISTRATOR	254932614		BILL.LANCASTER@VMTX.US

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								6		
480713	WALNUT SPRINGS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/89	FPA	Kay Offutt	City Secretary	2547973721		cityofws@windstream.net
	**** BOWIE COUNTY ****									
481194	BOWIE COUNTY *	PARTICIPATING	ORIGINAL	09/27/91	FPA	Charles Thompson	FPA			charlie.thompson@txkusa.org
					CEO	James Carlow	County Judge			
480055	DE KALB, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DALE CARR	HEAD OF PUBLIC WORKS	9036675710		
					CEO	Paul A Meadows	Mayor	9036672410		
480056	HOOKS,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87	FPA	DONALD BUCHANAN	EMERGENCY MANAGER COORD.	9035472261		hktx415@aol.com
					CEO	MICHAEL BABB	MAYOR	9035472261		
481142	LEARY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	11/26/76	FPA		MAYOR	9038321006		
					CEO	RANDY MANSFIELD	MAYOR	9038321006		NONE
480057	MAUD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	12/12/78	FPA	Betty Hamilton	city secretary	9035852294		
					CEO	PATRICK McCOY	MAYOR	9035852294		
480058	NASH, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/21/77	FPA	ELIZABETH LEA	CITY ADMINISTRATOR	9038380751		lazlea@nashtx.org
					CEO	HENRY SLATON	MAYOR	9038380751		
480059	NEW BOSTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/21/78	FPA	DAVID LANEY	ASST. FIRE CHIEF	9036285596		
					CEO	JOHNNY L BRANSON	MAYOR	2146245596		NONE
480060	TEXARKANA, CITY OF	PARTICIPATING	REVISED	05/17/93	FPA	Shirley Jaster	Director of Public Works			
					CEO	Steven A Mayo	Mayor	9037983943		
480061	WAKE VILLAGE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/15/85	FPA	Mike Burke	City Admin			
					CEO	Mike Huddleston	Mayor	9038380515		MDBURKE@CABLEONE.NET
	**** BRAZORIA COUNTY ****									
485451	ALVIN, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	TOM WILKS	FPA	2813884279		TWILKS@PSF.CITYOFALVIN.COM
					CEO	PAUL HORN	CITY MANAGER	2813884200		phorn@cityhall.cityofalvin.com
480064	ANGLETON, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	GREG SMITH	CITY MANAGER	9798494364		gsmith@angleton.tx.us
					CEO	MATTHEW SEBESTA	MAYOR	9798494364		NONE
480065	BAILEYS PRAIRIE, VILLAGE OF	PARTICIPATING	REVISED	09/22/99	FPA	Mike Loomis	FLOODPLAIN ADMINISTRATOR	7138821052		mloomis35@yahoo.com
					CEO	RANDY TAYLOR	MAYOR	9798492325		

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481300	BONNEY, TOWN OF	PARTICIPATING	REVISED	09/22/99	FPA	Kelly Hamby	FPA for Brazoria County	9798641295		kellyh@brazoria-county.com
					CEO	Raymond Cantu	MAYOR	2815952269		rcantu.vob@gmail.com
485458	BRAZORIA COUNTY *	PARTICIPATING	REVISED	09/22/99	FPA	Kelly Hambry	Floodplain Administrator	9798641295		pennyg@brazoria-county.com
					CEO	E.J. KING	COUNTY JUDGE	9798495711	1200	cjudge_king@brazoria-county.com
480066	BRAZORIA, CITY OF	PARTICIPATING	REVISED	09/22/99						
480067	BROOKSIDE VILLAGE, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Robert Lisa	Building Inspector			
					CEO	Robert Lira	Building Inspector	2814853048		brooksidetx@sbcglobal.net
480068	CLUTE, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	GENE TUMLINSON	PUBLIC SERVICES DIRECTOR	9792657939		gtumlinson@ci.clute.tx.us
					CEO	CALVIN SHIFLET	MAYOR	9792652541		
480069	DANBURY, CITY OF	PARTICIPATING	REVISED	09/22/99						
485467	FREEPORT, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Kola Olayiwola	FPA/Building Official	9792333526	110	kolayiwola@freeport.tx.us
					CEO	LARRY McDONALD	MAYOR	9792333526		
485478	HILLCREST VILLAGE, CITY OF	PARTICIPATING	REVISED	09/22/99						
485517	HOLIDAY LAKES, TOWN OF	PARTICIPATING	REVISED	09/22/99						
481071	IOWA COLONY, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Brent Dahl	FPA - Johnston, LLC	7135322466		brentd@johnston-llc.com
					CEO	Robert Wall	Mayor	2813692471		
480072	JONES CREEK, VILLAGE OF	PARTICIPATING	REVISED	09/22/99	FPA	William Tidwell	EMERGENCY COORDINATOR	9792926393		wmtidwelljcmo@gmail.com
					CEO	GEORGE MITCHELL	MAYOR	9792357142		
481487	LAKE BARBARA, VILLAGE OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	PRYSE METCALFE	MAYOR			
					CEO	PRYSE METCALFE	MAYOR			
485484	LAKE JACKSON, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Sal Aguirre	FPA/City Engineer	9794152412		saguirre@ci.lake-jackson.tx.us
					CEO	BOB SIPPLE	MAYOR	9794152413		
480075	LIVERPOOL, CITY OF	PARTICIPATING	REVISED	09/22/99						
480076	MANVEL, TOWN OF	PARTICIPATING	REVISED	09/22/99	FPA	DELORES MARTIN	MAYOR			
					CEO	DANIEL S JOHNSON	MAYOR	2819687458		DAN@DANIELSCOTTENGINEERING.COM
481255	OYSTER CREEK, VILLAGE OF	PARTICIPATING	REVISED	09/22/99	FPA	TOBY GUENTER	SUPT. OF PUBLIC WORKS			
					CEO	CLIFFORD L GUIDRY	MAYOR	9792330243		
480077	PEARLAND, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Narciso Lira	City Engineer	2816521649		nlira@ci.pearland.tx.us
					CEO	TOM REID	MAYOR	2816521654		council@ci.pearland.tx.us
480078	QUINTANA, CITY OF	NOT A NFIP COMMUNITY	NEVER MAPPED	01/01/50	FPA	STEVE ALONGIS	FLOODPLAIN ADMINISTRATOR	9792330848		
					CEO	JAMES NEVIL	MAYOR	9792330848		

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481301	QUINTANA, TOWN OF	PARTICIPATING	REVISED	09/22/99						
485502	RICHWOOD, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Drew Culpepper	FPA/Director of Public Works	9792652082		dculpepper@richwoodtx.gov
					CEO	DONALD J MALONE	PUBLIC WORKS DIRECTOR	9792652082		PUBLICWORK@RICHWOOD.GOVOFFICE.COM
481266	SURFSIDE BEACH, VILLAGE OF	PARTICIPATING	REVISED	09/22/99	FPA	Lisa Bailey	FPA/Building Official/City Sec	9792331531		lisa@surfsidetx.org
					CEO	Larry Davidson	MAYOR	9792331531	104	larry@surfside.org
485512	SWEENY, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	TIM MOSS	CITY MANAGER			
					CEO	HOMER TOSCANO	CITY MANAGER	9795483321		HTOSCANO@CI.SWEENY.TX.US
480081	WEST COLUMBIA, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	DEBBIE L SUTHERLAND	CITY MANAGER	9793453123		dasutherland@warpspeed1.net
					CEO	DAVID E FOSTER	MAYOR	9793453123		
	**** BRAZOS COUNTY ****									
481195	BRAZOS COUNTY *	PARTICIPATING	REVISED	02/09/00						
480082	BRYAN, CITY OF	PARTICIPATING	REVISED	02/09/00	FPA	PAUL KASPAR	FPA/Asst. City Engineer	9792095030		pkaspar@bryantx.gov
					CEO	MARK CONLEE	MAYOR, CITY OF BRYAN	9792095008		mconlee@bryantx.gov
480083	COLLEGE STATION, CITY OF	PARTICIPATING	REVISED	02/09/00	FPA	Alan Gibbs	FloodPlain Administrator	9797643570		agibbs@cstx.gov
					CEO	Alan Gibbs	CITY ENGINEER	9797643570		AGIBBS@CSTX.GOV
481636	WIXON VALLEY, CITY OF	PARTICIPATING	REVISED	02/09/00	FPA	Gary Arnold	Road & Bridge Dept.	9798222127		garnold@co.brazos.tx.us
					CEO	RUBY ANDREWS	MAYOR, CITY OF WIXON VALLEY	9795892935		rtandrews@txcyber.com
	**** BREWSTER COUNTY ****									
480085	ALPINE, CITY OF	PARTICIPATING	ORIGINAL	11/16/90						
480084	BREWSTER COUNTY *	PARTICIPATING	REVISED	04/02/91						
	**** BRISCOE COUNTY ****									
480714	BRISCOE COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	WAYNE NANCE	COUNTY JUDGE	8068232131		bcjudge@nts-online.net
					CEO	WAYNE NANCE	COUNTY JUDGE	8068232131		bcjudge@nts-online.net
480715	QUITAQUE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	10/22/76	FPA	WAYNE NANCE	COUNTY JUDGE	8064551456		bcjudge@nts-online.net
					CEO	WAYNE NANCE	COUNTY JUDGE	8064551456		bcjudge@nts-online.net
480716	SILVERTON, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Jerry Patton	City Administrator	8068232125		cityofsilverton@midplains.coop
					CEO	JERRY PATTON	CITY MANAGER	8068232125		NONE
	**** BROOKS COUNTY ****									

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481196	BROOKS COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	Anna Garcia		3613254156	226	annamaria.garcia@brooks-county.com
					CEO	Raul Ramirez	COUNTY JUDGE	3613251023		
480086	FALFURRIAS, CITY OF	PARTICIPATING	ORIGINAL	08/17/81	FPA	IDOLINA PEREZ	CITY CLERK	3613252420		CITYFAL@GRADERIVER.NET
					CEO	Joe Garcia	Mayor	3613252420		
	**** BROWN COUNTY ****									
480718	BANGS, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	Nan Brush	City Secretary	3257526223		citysecretary@bwoodtx.com
					CEO		Mayor			
480719	BLANKET, TOWN OF	PARTICIPATING	ORIGINAL	04/02/92						
480717	BROWN COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/91	FPA	Rita Thompson	FLOODPLAIN ADMINISTRATOR	3256431985		
					CEO	Rita Thompson	FLOODPLAIN ADMINISTRATOR	3256481985		copermits@browncountytx.org
480087	BROWNWOOD, CITY OF	PARTICIPATING	REVISED	07/06/82	FPA	DONALD HATCHER	CITY ENGINEER/FPA	3256436626		dhatcher@ci.brownwood.tx.us
					CEO	BERT V MASSEY	MAYOR	3256465775		
480088	EARLY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	Wayne Creel	Asst. City Admin	3256435451		
					CEO	Wayne Creel	Asst. City Admin	3256435451		WCREEL@EARLYTX.NET
	**** BURLESON COUNTY ****									
481169	BURLESON COUNTY*	PARTICIPATING	ORIGINAL	01/18/89						
480089	CALDWELL, CITY OF	PARTICIPATING	ORIGINAL	09/30/88	FPA	Johnny Price		9795673271		
					CEO	BERNARD RYCHLIK	MAYOR	9795673271		
480090	SNOOK, CITY OF	PARTICIPATING	ORIGINAL	09/15/01	FPA	JOHN W SEE, III	MAYOR	9792723021		d_mautz@hotmail.com
					CEO	JOHN W SEE, III	MAYOR	9792723021		d_mautz@hotmail.com
480091	SOMERVILLE, CITY OF	PARTICIPATING	ORIGINAL	06/04/90	FPA	Barbara Pederson	FPA	9795961122		
					CEO	Don "Skip" Murray	MAYOR	9795961122		mayorcos@verizon.net
	**** BURNET COUNTY ****									
481609	BERTRAM, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/16/07	FPA	CHARLES SHELL	BUILDING INSPECTOR	5123552197		cityofbertram@thegateway.net
					CEO	JOANN STEPHENS	MAYOR	5123552197		cityofbertram@thegateway.net
481209	BURNET COUNTY *	PARTICIPATING	REVISED	11/16/07	FPA	HERB DARLING	Director	5127565437		
					CEO	HERB DARLING	ENVIRONMENTAL SERVICES DIR	5127565437		INSPECT@BURNETCOUNTYTEXAS.ORG
480092	BURNET, CITY OF	PARTICIPATING	REVISED	11/16/07						
481614	COTTONWOOD SHORES, CITY	PARTICIPATING	REVISED	11/16/07	FPA	Mike Light				
					CEO	Ray Whitis	City Inspector	830693383		cityinspector@cottonwoodshores.org

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								0		
481149	GRANITE SHOALS, CITY OF	PARTICIPATING	REVISED	11/16/07	FPA	KEN FRANCIS	FPA	8305982424	104	buildingcode@graniteshoals.org
					CEO	FRANK REILLY	MAYOR	8305960196		
481676	HIGHLAND HAVEN, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DONNA Green	FPA	8305988314		hladonna@nctv.com
					CEO	Pete Freehill	MAYOR	8305988314		
480149	HORSESHOE BAY, CITY OF	PARTICIPATING	ORIGINAL	09/18/91						
480093	MARBLE FALLS, CITY OF	PARTICIPATING	REVISED	11/16/07	FPA		Building Official			
					CEO	MICHAEL D BRASHEL	Building Official	8307987061		MBRASHEL@CI.MARBLE-
481613	MEADOWLAKES, CITY OF	PARTICIPATING	REVISED	11/16/07						
	**** CALDWELL COUNTY ****									
480094	CALDWELL COUNTY*	PARTICIPATING	REVISED	07/21/99	FPA	Kasi L Miles	FPA	5123981803		
					CEO	H.T. WRIGHT	COUNTY JUDGE	5123981808		HTWRIGHT@LOCKHARTTX.NET
480095	LOCKHART, CITY OF	PARTICIPATING	REVISED	01/17/91						
480096	LULING, CITY OF	PARTICIPATING	REVISED	12/08/98						
481587	MARTINDALE, CITY OF	PARTICIPATING	REVISED	12/08/98	FPA	Randy Bunker	Floodplain Administrator	5127573318		randymbunker@gmail.com
					CEO	Patricia Peterson	MAYOR	5123572639		
481687	MUSTANG RIDGE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Darryl Swann	Building Official	5128454078		
					CEO	ALFRED VALLEJO, II	MAYOR	5122431775		
481670	NIEDERWALD, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	ED MOORE	CITY ENGINEER/FPA	5124420377		emoore@mooregroup.net
					CEO	Reynell Smith	MAYOR	5123986338		mayorrik@ev1.net
485505	SAN MARCOS, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	Kathy Woodlee	Floodplain Administrator	5128052634		
					CEO	Susan Narvaiz	Mayor	5123938000		
481668	UHLAND, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	KAREN GALLAHER	CITY SECRETARY	5123986739		
					CEO	Daniel Heideman	Mayor	5123987399		
	**** CALHOUN COUNTY ****									
480097	CALHOUN COUNTY *	PARTICIPATING	REVISED	11/07/01	FPA	LaDonna Thigpen	Floodplain Admin			
					CEO	MARYANN BONUZ	Floodplain Admin	3615534400		MARY.BONUZ@CALHOUNCOTX.ORG
480098	POINT COMFORT, CITY OF	PARTICIPATING	REVISED	04/03/85						
480099	PORT LAVACA, CITY OF	PARTICIPATING	REVISED	03/04/85	FPA	Ladonna Thigpen	CHIEF BUILDING OFFICIAL	3615534400		THARGROVE@CITYOFPORTLAVACA
					CEO	ALLEN THARLING	MAYOR	3615538892		ORG NONE

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480100	SEADRIFT, CITY OF	PARTICIPATING	REVISED	03/18/85	FPA	PAULA MONCRIEF	CITY SECRETARY			
					CEO	TIMOTHY SMITH	CITY SECRETARY	3617852251		SEADRIFTBLDG@TIED.NET
	**** CALLAHAN COUNTY ****									
480722	BAIRD,TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87	FPA	NANCY TURNBOW	CITY SECREARY	3258541212		nancy@bairdtexas.com
					CEO	JOHN HARDWICK	MAYOR	9158541212		NONE
480720	CALLAHAN COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
480721	CLYDE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Tim Atkinson	Floodplain Administrator			
					CEO	MARY DALY	Floodplain Administrator	3258930055		CITYMGR@CLYDECITYHALL.COM
480723	CROSS PLAINS, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/06/76	FPA	Debbie Gosnell	City Administrator	2547256114		cityofcp@camalott.com
					CEO	RAY PURVIS	MAYOR	2547256114		cityofcp@camalot.com
480724	PUTNAM, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	Roy Petty	MAYOR	3256623318		
					CEO	WINFORD FRY	JOHN DOYLE ISENHOWER, MAYOR	9156623601		
	**** CAMERON COUNTY ****									
480102	BAYVIEW, TOWN OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Janice Fountain	City Secretary	9562335581		
					CEO	ROBERT E MIDDLETON, JR.	MAYOR	9562335581		bobmid@highline.net
480103	BROWNSVILLE, CITY OF	PARTICIPATING	ORIGINAL	12/01/78	FPA	Evaristo Gamez, Jr.	Permitting Director/Building O	9565486088		egamez@cob.us
					CEO	Pat Ahumada	MAYOR	9565508345		
480101	CAMERON COUNTY *	PARTICIPATING	REVISED	03/09/99	FPA	Noe Benavides	Building Official	9562473516		nbenavidez@co.cameron.tx.us
					CEO	Carlos H Cascos, CPA	County Judge	9565477000		
480104	COMBES, TOWN OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Aida Gutierrez	Town Secretary	9564257131		townofcombes@hotmail.com
					CEO	SILVER GARCIA	MAYOR	9564257131		
485477	HARLINGEN, CITY OF	PARTICIPATING	REVISED	08/03/81						
481695	INDIAN LAKE, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Barbara Collum	MAYOR	9562334021		dgsnow@vtxb.com
					CEO	Barbara Collum	Mayor	9562334021		dgsnow@vtxb.com
480106	LA FERIA, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
485483	LAGUNA VISTA, VILLAGE OF	PARTICIPATING	REVISED	09/15/83						
480108	LOS FRESNOS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/19/86						

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481580	PALM VALLEY, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Becky Grayson	City Secretary	9564238384		cityofpalmvalley@yahoo.com
					CEO	Joe Neely	MAYOR	9564238384		
480109	PORT ISABEL, CITY OF	PARTICIPATING	REVISED	06/01/83	FPA	Larry Ellis	BUILDING INSPECTOR	9569432682		lellis@copitx.com
					CEO	Joe E Vega	MAYOR	9569432682		
481198	PRIMERA, TOWN OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
481646	RANCHO VIEJO, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	CHERYL KRETZ	Town Administrator	9563504093		ranchoviejotown@aol.com
					CEO	Craig B Flood	MAYOR	9563504093		
480110	RANGERVILLE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	WAYNE M HALBERT	MAYOR	9564237404		NONE
					CEO	WAYNE M HALBERT	MAYOR	9564237404		NONE
480112	RIO HONDO, TOWN OF	PARTICIPATING	ORIGINAL	06/01/81	FPA	Arturo F Prida	CITY ADMINISTRATOR	9567480220		cityofriohondo@gmail.com
					CEO	Santiago Saldana	MAYOR	9567480268		
480113	SAN BENITO, CITY OF	PARTICIPATING	REVISED	01/19/82	FPA	Hector Jalomo	Assistant City Manger			
					CEO	OMAR RIOS	Assistant City Manger	9563613800		ORIOS@CITYOFSANBENITO.COM
480114	SANTA ROSA, CITY OF	PARTICIPATING	ORIGINAL	05/05/81	FPA	JOSE L LOPEZ	CITY ADMINISTRATOR	9566361113		srjl@bizrgv.rr.com
					CEO	RUBEN OCHOA, JR.	MAYOR	9566361113		
480115	SOUTH PADRE ISLAND, TOWN	PARTICIPATING	REVISED	03/09/99	FPA	James Mitchum	CFM, Building Official	9567611025		
					CEO	ROBERT M PINKERTON	MAYOR	9567611025		
	**** CAMP COUNTY ****									
481210	CAMP COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Preston Combest	County Judge			
					CEO	PRESTON COMBEST	COUNTY JUDGE	9038563845		JudgePres@aol.com
480116	PITTSBURG, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	Jay Blanchard	CITY MANAGER			
					CEO	Wayne Haddenton	Chief Building Official	9038563621		
	**** CARSON COUNTY ****									
480725	CARSON COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	LEWIS POWERS	COUNTY JUDGE	8065373622		NONE
					CEO	LEWIS POWERS	COUNTY JUDGE	8065373622		NONE
480726	GROOM, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	mary Lyles	city secretary			
					CEO	MARY SUE Lyles	city secretary	8062487929		CITYOFGROOM@AMOONLINE.COM

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480727	PANHANDLE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/11/82						
480728	SKELLYTOWN, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	LUCILLE LAWRENCE	MAYOR	8068482562		skelly@pan-tex.net
					CEO	LUCILLE LAWRENCE	MAYOR	8068482562		skelly@pan-tex.net
480729	WHITE DEER, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	07/02/76	FPA	BART WYATT	MAYOR	8068834191		NONE
					CEO	BART WYATT	MAYOR	8068834191		NONE
	**** CASS COUNTY ****									
480117	ATLANTA, CITY OF	PARTICIPATING	ORIGINAL	05/19/81	FPA		City Manager			
					CEO	David Cockrell	City Manager			
480731	AVINGER, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/06/76	FPA	Pam Downs	city secretary	9035621000		cityofavinger@yahoo.com
					CEO	Marvin Parvino	MAYOR	9035621000		cityofavinger@yahoo.com
480732	BLOOMBURG, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	11/05/76	FPA	Larry Trevino	EMC (SEND TO MAYOR)	9037486375		citymayor@swat.coop.net
					CEO	JERRELL RITCHIE	MAYOR	9037285323		citymayor@swat.coop.net
480730	CASS COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07	FPA	Larry Trevino	Emergency Management	9037486375		cavespringsoo7@yahoo.com
					CEO	CHARLES L MCMICHAEL	COUNTY JUDGE	9037565181		cavespringsoo7@yahoo.com
481515	DOMINO, TOWN OF	PARTICIPATING	NEVER MAPPED	07/10/79	FPA	Larry Trevino	Emergency Management Coordinat	9037486375		casscountyemc@netzero.net
					CEO	Jean Oliver	Mayor	9037962843		dominocity9@aol.com
480733	DOUGLASVILLE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	Larry Trevino	EMC	9037486375		casscountyemc@netzero.net
					CEO	Douglass Heath	Mayor	9038462029		
480734	HUGHES SPRINGS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	01/01/92						
480735	LINDEN, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	John Erwin	City Clerk	9037567502		cityoflinden@fastlineisp.com
					CEO	Kenny Hamilton	MAYOR	9037567502		cityoflinden@fastlineisp.com
480736	MARIETTA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/25/76	FPA	Susan Brigance	MAYOR (SEND TO MAYOR)	9038355596		
					CEO	Susan Brigance	MAYOR	9038355596		
481117	QUEEN CITY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	04/23/76	FPA	Harold Martin	MAYOR	9037967986		qcmayor@earthlink.net
					CEO	Harold Martin	MAYOR	9037967986		qcmayor@earthlink.net
	**** CASTRO COUNTY ****									
480737	CASTRO COUNTY*	PARTICIPATING	NEVER MAPPED	06/03/77	FPA	William F Sava	Judge			
					CEO	WILLIAM F SAVA	COUNTY JUDGE	806647445		wfsccjudge@castrocounty.org

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								1		
480118	DIMMITT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87						
480738	HART, CITY OF	PARTICIPATING	NEVER MAPPED	06/27/75	FPA	HARVEY PEREZ		8069382171		cityhart@amaonline.com
					CEO	MARGUERITE MCLAIN	MAYOR	8069382171		NONE
	**** CHAMBERS COUNTY ****									
480120	ANAHUAC, CITY OF	PARTICIPATING	REVISED	01/06/83	FPA	Sidney Lewis	Floodplain Administrator	4092678448		slewis@co.chambers.tx.us
					CEO	GUY R JACKSON	MAYOR	4092676681		mayorofanahuac@alltel.net
485456	BAYTOWN, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Cruz Hernandez	Chief Building Official	2814205393		cruz.hernandez@baytown.org
480121	BEACH CITY, CITY OF	PARTICIPATING	ORIGINAL	01/19/83	FPA	Guido Persiani	Mayor			
					CEO	GUIDO PERSIANI	MAYOR	2813833180		BEACHCITY@EV1.NET
480119	CHAMBERS COUNTY *	PARTICIPATING	REVISED	05/18/99	FPA	SIDNEY L LEWIS	ENVIRONMENTAL HEALTH DIR./FPA	4092672700		slewis@co.chambers.tx.us
					CEO	JIMMY SYLVIA	COUNTY JUDGE	4092678295		jsylvia@co.chambers.tx.us
481510	COVE, TOWN OF	PARTICIPATING	ORIGINAL	02/17/93	FPA	LEE WILEY	MAYOR	2815766036		lwiley@farmersagent.com
					CEO	Lee Wiley	Mayor			
480122	MONT BELVIEU, CITY OF	PARTICIPATING	ORIGINAL	08/16/82	FPA	Bill Cobabe	Building Inspector			
					CEO	DANIEL WILLIAMS	CITY ENGINEER	2815762213		DWILLIAMS@MONTBELVIEW.NET
481637	OLD RIVER-WINFREE, CITY OF	PARTICIPATING	REVISED	08/10/99	FPA	JOE LANDRY	Mayor	2813851735		slewis@co.chambers.tx.us
					CEO	JOE LANDRY	MAYOR	2813851735		
	**** CHEROKEE COUNTY ****									
480740	ALTO, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/19/85	FPA	Charles Barron	FPA/Chief of Police/EMC	9368582221		altopd@consolidated.net
					CEO	Annie Walker	Mayor	9368584711		altoch@consolidated.net
480739	CHEROKEE COUNTY*	PARTICIPATING	REVISED	06/02/95	FPA	SIDNEY RILEY	FPA/EMC	9036835947		emc@cocherokee.org
					CEO	Ken E Hannah	EMC	9036835947		EMC@COCHEROKEE.ORG
480123	JACKSONVILLE, CITY OF	PARTICIPATING	REVISED	09/30/94	FPA	WILLIAM COLE	DIRECTOR PUBLIC WORKS			
					CEO	Jody Watson	Building Official	9035893510		Jody.Watson@JacksonvilleTX.org
481153	NEW SUMMERFIELD, CITY OF	PARTICIPATING	NEVER MAPPED	11/19/76	FPA	Jane Barrow	Mayor	9037263651		jtbar@yahoo.com
					CEO	Jane Barrow	MAYOR	9037263651		

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480124	RUSK, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/88	FPA	Mike Murray	CITY MANAGER	9036832213		citymgr@rusktx.com
					CEO	Angela Raiborn	MAYOR	9036832213		citymanager@rusktx.com
480570	TROUP, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Russ G Obar	FPA/City Administrator	9038423128		troupadmin@embarqmail.com
					CEO	John Whitsell	Mayor	9038423128		
480741	WELLS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/91	FPA	Lynette Duren	City Secretary	9368674615		cityofwells@consolidated.net
					CEO	Corbitt Doss	MAYOR	9368674615		
	**** CHILDRESS COUNTY ****									
481170	CHILDRESS COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JOHN HENDERSON	Hospital Administrator	9409376371		
					CEO	JAY MAYDEN	COUNTY JUDGE	9409372221		
480125	CHILDRESS,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Dwain Sumpter	Code Enforcement Officer	9409373683		codeoffice@childresstexas.net
					CEO	PAT SPEED	MAYOR	9409373684		NONE
	**** CLAY COUNTY ****									
480743	BELLEVUE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
480744	BYERS, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	04/02/91						
480742	CLAY COUNTY*	PARTICIPATING	ORIGINAL	04/02/91	FPA	William NEVILLE	FLOODPLAIN ADMINISTRATOR	9405384052		ccemergencymgmt@claycountytx.com
					CEO	KENNETH LIGGETT	COUNTY JUDGE	9405384651		ccjudge@wf.quik.com
480126	HENRIETTA, CITY OF	PARTICIPATING	REVISED	04/02/91	FPA	JOE PENCE	CITY ADMINISTRATOR	9405384316		joepence@hpnts.net
					CEO	RICKEY LANGFORD	MAYOR	9405384316		NONE
480745	PETROLIA, CITY OF	PARTICIPATING	ORIGINAL	04/02/91						
	**** COCHRAN COUNTY ****									
480746	COCHRAN COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JAMES ST CLAIR	COUNTY JUDGE	8062665508		jstclair1@prodigy.net
					CEO	JAMES ST CLAIR	COUNTY JUDGE	8062665508		jstclair1@prodgy.net
480127	MORTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/03/82						
480747	WHITEFACE, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** COKE COUNTY ****									
480128	BRONTE,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	03/04/86						

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480748	COKE COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Roy Blair	Coke County Judge	3254532641		roy.blair@co.coke.tx.us
					CEO	ROY BLAIR	COUNTY JUDGE	9154532641		NONE
480749	ROBERT LEE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/08						
	**** COLEMAN COUNTY ****									
480750	COLEMAN COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	John Pearce	EMC	3252142641		
					CEO	JIMMIE HOBBS	COUNTY JUDGE	9156254218		
480129	COLEMAN, CITY OF	PARTICIPATING	ORIGINAL	04/01/81	FPA	Chipper L Anderson	CITY INSPECTOR	3256252621		citypark@web-access.net
					CEO	RANDY WHITEMAN	CITY MANAGER	9156255114		citymgr@web-access.net
480752	NOVICE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/02/76	FPA			9156252656		
					CEO	Wanda Motley	MAYOR	9156252656		
480751	SANTA ANNA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/27/75	FPA			9153483403		santanna@web-access.net
					CEO	Russ Fisher	MAYOR	3253483403		santanna@web-access.net
480753	TALPA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	07/23/76	FPA	RAYMOND RUSH	MAYOR			
					CEO	RAYMOND RUSH	MAYOR			
	**** COLLIN COUNTY ****									
480131	ALLEN, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	John Baumgartner, P.E.	Floodplain Administrator			
					CEO	CHRIS FLANIGAN	CFM	2145094578		CFLANIGAN@CITYOFALLEN.ORG
481306	ALTOGA, CITY OF	NOT PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	12/19/97	FPA	Ruben Delgado	Director, Dngineering FRPY	9725483728		
					CEO	MARVIN PAGE	MAYOR			
480132	ANNA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Natha Wilkison	City Secretary/Floodplain Admi	9729243325		nwilkison@annatexas.gov
					CEO	Darren Driskell	Mayor	9729243325		darrendriskell@annatexas.gov
481628	BLUE RIDGE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Nacy Southard	FPA	9727525791		nacy.blueridgecity@lemkepc.com
					CEO	Dan Standeford	Mayor	9727525791		mayor.blueridgecity@lemkepc.com
480167	CARROLLTON, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Michael McKay	Floodplain Administrator	9724663204		mike.mckay@cityofcarrollton.com
					CEO	Ron Branson	Mayor	9724663200		ron.branson@cityofcarrollton.com
480133	CELINA, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	keith Billick	FPA	9723822682		kbillick@celina-tx.gov
					CEO	Jim Lewis	Mayor	9723822682		
480130	COLLIN COUNTY*	PARTICIPATING	REVISED	06/02/09	FPA	Ruben Delgado	Director of Engineering	9725483728		rdelgado@collincountytx.gov
					CEO	Keith Self	County Judge	972548463		keith.self@collincotx.gov

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								4		
480171	DALLAS, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Steve Parker	Program Manager	2149484666		stephen.parker@dallascityhall.com
					CEO	TOM LEPPERT	Mayor	2146703738		tom.leppert@dallascityhall.com
481069	FAIRVIEW, TOWN OF	PARTICIPATING	REVISED	06/02/09						
481627	FARMERSVILLE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	EDIE SIMS	City Secretary	9727826151		edie.farmersville@gmail.com
					CEO	Donald Smith	Mayor	9727826151		edie@farmersvilletx.net
480134	FRISCO, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Ruben Delgado	Floodplain Admin	9725483728		rdelgado@collincountytexas.gov
					CEO	Lori Chapin	Senior Engineer			
485471	GARLAND, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Lyle Jenkins	Drainage & Development Enginee	9722053620		ljenkins@ci.garland.tx.us
					CEO	Ronald E Jones	Mayor	9722052400		
480756	JOSEPHINE, CITY OF	PARTICIPATING	REVISED	06/02/09						
481313	LAVON, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Mike Jones	City Marshall/fpa/city manager	9728434220		mike.jones@cityoflavon.org
					CEO	Norma Martin	Mayor	9728434220		mayor.martin@hotmail.com
481631	LOWRY CROSSING, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Janis Cable	City Secretary	9725428678		jcable@lowrycrossingtexas.org
					CEO	Derek c Stephens	Mayor	9725428678		dstephens@lowrycrossingtexas.org
481545	LUCAS, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Stacy Caudell, P.E.	City Engineer			
					CEO	JOSEPH V HILBOURN	City Engineer	9727278999		
480135	MCKINNEY, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Kyle Odom	Floodplain Administrator	9725477500		
					CEO	Brian Loughmiller	Mayor, City of McKinney			
481626	MELISSA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Bob Helmberger	City Engineer	9729242757		rhelmberger@bwrcorp.com
					CEO	Reed Greer	Mayor	9728382520		mayorgreer@cityofmelissa.com
480137	MURPHY, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Ronald V Conway, P.E.	City Engineer	9724684000		
					CEO	Bret Baldwin	Mayor	9724684000		bbaldwin@murphygx.org
481657	NEVADA, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA		send all fpa to mayor	9728530027		cityofnevada@aol.com
					CEO	Christy Schell	Mayor	9728530027		marla.barth@cityofnevada.org
480138	NEW HOPE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Barbara Stevenson	Town Council			
					CEO	JOHNNY HAMM	MAYOR	9725480975		JOHNNYHAMM@AOL.COM
480139	PARKER, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Jeff Flanigan	Public Works Director	9724426811		JFLANIGAN@PARKERTEXAS.US
					CEO	Joe Cordina	Mayor	9724426811		jcordina@parkertexas.us

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480140	PLANO, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Alan L Upchurch, P.E.	Director, Public Works & Engin	9729417152		alanu@plano.gov
					CEO	Phil Dyer	Mayor	9729417107		
480757	PRINCETON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09						
480141	PROSPER, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Hulon T Webb	Director of Dvlpmt/Town ENG	9723463502		hulon_webb@prospertx.gov
					CEO	Charles Niswanger	Mayor	9723462640		cen26@tsbcglobal.net
480142	RENNER, CITY OF	DEFUNCT	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Robert G Bunce	Eng Tech			
					CEO			972		
480184	RICHARDSON, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Robert Bunce	Engineering Technician	9727444275		robert.bunce@cor.gov
					CEO	Gary Slagel	Mayor	9727444203		gary.slagel@cor.gov
480548	ROYSE CITY, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	John Ward	FPA/ Building Inspector	9726362250		JOHN.WARD@ROYSECITY.COM
					CEO	Jerrell Baley	MAYOR	9726362250		mayor@roysecity.com
480186	SACHSE, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Billy George	CITY ENGINEER	9726751633		bgeorge@cityofsachse.com
					CEO	Mike Felix	Mayor	9724951212		mfelix@cityofsachse.com
481318	ST. PAUL, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Bruce Dunn	Town Secretary	9724427212		TOWNOFSTPAUL@verizon.net
					CEO	Opie Walter	Mayor	9724427212		TOWNOFSTPAUL@verizon.net
481620	VAN ALSTYNE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	JERRY DAVIS	Public Works Director	9034825250		
					CEO	Ruth Ann Collins	MAYOR, TOWN OF VAN ALSTYNE	9034825426		
481066	WALNUT GROVE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	R.L. NEAL	MAYOR			
					CEO	R.L. NEAL	MAYOR			
480758	WESTMINSTER, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	PHIL GOPLIN	MAYOR	9729243891		
					CEO	PHIL GOPLIN	MAYOR	9729243891		
481324	WESTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	Scott Morrissey	Mayor	9723821001		
					CEO	Scott Morrissey	Mayor	9723821001		
480759	WYLIE, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Chris Holsted	City Engineer			
					CEO	Eric Hogue	Mayor	9724428109		CHRIS.HOLSTED@WYLIETEXAS.GO
	**** COLLINGSWORTH COUNTY**									
480760	COLLINGSWORTH COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	John James	County Judge			
					CEO	John James	COUNTY JUDGE	8064475408		john.james@co.collingsworth.tx.us

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480761	DODSON, TOWN OF	NOT PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA		send to mayor	8064934555		
					CEO	Steve Kane	Mayor Pro-Tem	8064934979		dixonkirkoff.kane@hotmail.com
480143	WELLINGTON, CITY OF	PARTICIPATING	ORIGINAL	04/03/89	FPA	JON SESSIONS	CITY MANAGER	8064472544		cityhall@adobewallsinternet.com
					CEO	Gary Brewer	Mayor	8064472544		cityhall@adobewallsinternet.com
	**** COLORADO COUNTY ****									
480144	COLORADO COUNTY *	PARTICIPATING	ORIGINAL	01/03/90	FPA	Dave H Collins	Floodplain Administrator	9797322435		david.collins@co.colorado.tx.us
					CEO	AL G JAMISON	COUNTY JUDGE	9797322604		a.g.jamison@co.colorado.tx.us
481489	COLORADO COUNTY - WCID#2	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/88	FPA	DENNIS RAMSEY				
					CEO	JERRY SMIDAWEC	MANAGER	9797583565		
480145	COLUMBUS, CITY OF	PARTICIPATING	REVISED	01/03/90	FPA		CITY MANAGER	9797322366		MEISELLD@COLUMBUSTEXAS.NET
					CEO	Dwain Dungen	MAYOR	9797322366		mayor.columbus@yahoo.com
480146	EAGLE LAKE,CITY OF	PARTICIPATING	REVISED	01/03/90	FPA	RONALD HOLLAND	CITY MANAGER			
					CEO	SYLVIA RUCKA	CITY MANAGER	9792342640		CITYSECRETARY@ELC.NET
481121	WEIMAR, CITY OF	PARTICIPATING	REVISED	01/03/90	FPA	Dolores Stoever		9797258554		
					CEO	Bennie Kosler	Mayor	9797258554		
	**** COMAL COUNTY ****									
481683	BULVERDE NORTH, CITY OF	DEFUNCT	NEVER MAPPED	01/01/50	FPA	JOHN NOWAK		8304383612		engineer@gvtc.com
					CEO	BEV LEMES	MAYOR	8304383612		mayor@gvtc.com
481682	BULVERDE SOUTH, CITY OF	DEFUNCT	NEVER MAPPED	01/01/50	FPA	John Nowack		8304383612		engineer@gvtc.com
					CEO	BEV LEMES	MAYOR	8304383612		mayor@gvtc.com
481681	BULVERDE, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	John M Nowak	Public Works Director	8304383612		engineer@gvtc.com
					CEO	SARAH STEVICK	MAYOR	8304383612		mayor@gvtc.com
485463	COMAL COUNTY*	PARTICIPATING	REVISED	09/02/09	FPA	KATHY GRIFFIN	FLOODPLAIN ADMINISTRATOR	8306082090		griffk@co.comal.tx.us
					CEO	Danny Scheel	County Judge	8302211105		CONTACT@CO.COMAL.TX.US
481644	FAIR OAKS RANCH, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	James A Earl	Building Official	2106980900		
					CEO	Roy Thomas	City Admin			
480148	GARDEN RIDGE, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	Mike Bohn, P.E.	CITY ENGINEER	8306263588	151	

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485493	NEW BRAUNFELS, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	Robert Kinsey	Building Official	8302214060		
					CEO	BRUCE BOYER	MAYOR	8306256511		mayor@nbtexas.org
480269	SCHERTZ, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	Jimmy E Hooks	Superintendent of public works	2106587477		jhooks@schertz.com
					CEO	Harold Baldwin	MAYOR	2106587477		mayor@schertz.com
480046	SELMA, CITY OF	PARTICIPATING	REVISED	09/02/09						
	**** COMANCHE COUNTY ****									
480150	COMANCHE COUNTY*	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/02/50						
480151	COMANCHE, CITY OF	PARTICIPATING	REVISED	11/16/95						
480152	DE LEON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/04/85	FPA	Rob Duncan	Public Works Director			
					CEO	Rob Duncan	Public Works ADMIN	2548932065		
480153	GUSTINE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Raymond Helburg	FPA	3253565805		raygun@cctc.net
	**** CONCHO COUNTY ****									
480762	CONCHO COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Allen Amos		3257324321		
					CEO	ALLEN AMOS	COUNTY JUDGE	3257324321		conchojudge@yahoo.com
480763	EDEN, VILLAGE OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/04/85	FPA	Rosa Schreiber	City Secretary			
					CEO	CELINA HEMMEITER	City Secretary	3258692211		EDENCITY@WCC.NET
480764	PAINT ROCK, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	MELTON PWEK	MAYOR	9157324381		NONE
					CEO	MELTON PWEK	MAYOR	9157324381		NONE
	**** COOKE COUNTY ****									
480260	CALLISBURG, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/16/08	FPA	FRANCES WEST	MAYOR	9406659809		callisburg@ntin.net
					CEO	FRANCES WEST	MAYOR	9406659809		callisburg@ntin.net
480765	COOKE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	01/16/08	FPA	RAY FLETCHER	EMERGENCY MANAGER	9406685400		ray.fletcher@co.cooke.tx.us
					CEO	LAURA BLANTON	EMERGENCY MANAGER	9406685454		LBLANTON@CO.COOKE.TX.US
480154	GAINESVILLE, CITY OF	PARTICIPATING	REVISED	01/16/08						
480766	LINDSAY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	01/16/08						
480767	MUENSTER, CITY OF	PARTICIPATING	REVISED	01/16/08						

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480216	OAK RIDGE, TOWN OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/16/08	FPA	DARLENE NELSON	FLOODPLAIN ADMINSTRATOR	9406658474		
					CEO	TOMMY SHUGART	MAYOR	9406658474		
480217	VALLEY VIEW, CITY OF	NOT PARTICIPATING	ORIGINAL	01/16/08						
					CEO	CARL KEMPLIN	MAYOR	9407263740		townvv@ntin.net
	**** CORYELL COUNTY ****									
480155	COPPERAS COVE, CITY OF	PARTICIPATING	REVISED	02/17/10	FPA	Wes Wright	City Engineer	2545474221		wwright@ci.copperas-cove.tx.us
					CEO	CARL FORD	CITY PLANNER	2545428904		CFORD@CI.COPPERS-COVE.TX.US
480768	CORYELL COUNTY *	PARTICIPATING	REVISED	02/17/10	FPA	Adam Baker	Floodplain Administrator	2542483180		
					CEO	John E Firth	Coryell County Judge	2548655911		county_judge@coryellcounty.org
480316	EVANT, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/17/10	FPA	Sterling Manning	Mayor	2544713135		
					CEO	STERING MANNING	MAYOR	2544713135		
481647	FORT GATES, CITY OF	DEFUNCT	NEVER MAPPED	01/01/50	FPA			8179868281		
480156	GATESVILLE, CITY OF	PARTICIPATING	REVISED	02/17/10	FPA	Shauna Adams	Code Enforcement Officer	2548658951		susan.ballow@ci.gatesville.tx.us
					CEO	David Byrom	Mayor	2548658951		
480459	MCGREGOR, CITY OF	PARTICIPATING	REVISED	02/17/10	FPA	Walter Reeves	FPA	2548408206	104	
					CEO	STEVE R HAIRE	PLANNING DIRECTOR	2548402806		shaire@mcgregor-texas.com
480769	OGLESBY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/17/10	FPA	Diane Hamilton	City Secretary	2544702944		diane47@prodigy.net
					CEO	Diane Hamilton	City Secretary	2544702944		
480317	SOUTH MOUNTAIN, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/17/10						
					CEO		MAYOR	2548566493		
	**** COTTLE COUNTY ****									
480770	COTTLE COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JOHN D SHAVOR	COUNTY JUDGE	8064923613		NONE
					CEO	JOHN D SHAVOR	COUNTY JUDGE	8064923613		NONE
480771	PADUCAH, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	SELINA DETWILER	CITY SECRETARY			
					CEO	HENRY MICHAEL	MAYOR	8064923713		CITYOFPADUCAH@YAHOO.COM
	**** CRANE COUNTY ****									
481211	CRANE COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Debra Martin	Admin Asst.			debra.martin@co.crane.tx.us
					CEO	TERRY SCHUEL	MAYOR	9155581100		

Federal Emergency Management Agency
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TEXAS

CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480501	CRANE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Dru Gravens	City Administrator	4325583563		drugravens@classicnet.net
					CEO	TERRY L SCHUL	MAYOR	9155583563		
	**** CROCKETT COUNTY ****									
480158	CROCKETT COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/04						
481082	OZONA, CITY OF	NOT A NFIP COMMUNITY	NEVER MAPPED	12/07/73						
	**** CROSBY COUNTY ****									
481212	CROSBY COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
480159	CROSBYTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/24/82	FPA	Margo Hardin	CITY ADMINISTRATOR	8066752301		mhardin@crosbyton.com
					CEO	JOSEPH JOHNSTON	MAYOR	8066757012		NONE
480160	LORENZO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/24/82	FPA	James O Lively	City Administrator	8066345596		cityadmin@cityoflorenzo.org
					CEO	James O Lively	City Administrator	8066345596		cityadmin@cityoflorenzo.org
480161	RALLS, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
	**** CULBERSON COUNTY ****									
480162	CULBERSON COUNTY *	PARTICIPATING	REVISED	08/02/94	FPA	Russell Wyatt	FPA	4322840616		rcwjr94862002@yahoo.com
					CEO	JOHN CONOLY	COUNTY JUDGE	9152832059		NONE
480163	VAN HORN, TOWN OF	PARTICIPATING	REVISED	11/02/94						
	**** DALLAM COUNTY ****									
480164	DALHART, CITY OF	PARTICIPATING	REVISED	02/06/91						
481213	DALLAM COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DAVID D FIELD	COUNTY JUDGE	8062442450		daljudge@xit.net
					CEO	DAVID D FIELD	COUNTY JUDGE	8062492450		daljudge@xit.net
481129	TEXLINE, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Stacey Martinez	City Manager			
					CEO	LARRY SMITH	MAYOR	8063624849		
	**** DALLAS COUNTY ****									
481089	ADDISON, TOWN OF	PARTICIPATING	REVISED	06/16/05	FPA	Nancy Cline	Director of Public Works	9724502871		nclilne@addisontx.gov
					CEO	Joe Chow	Mayor	9724507027		jchow@addisontx.gov

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480166	BALCH SPRINGS, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Clinton Murphy	Director of Public Works	9725576082		cmurphy@cityofbalchsprings.com
					CEO	Carrie Gordan	Mayor	9725576070		
481268	BUCKINGHAM, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA		NO LONGER A TOWN			
					CEO		NO LONGER A TOWN			
480167	CARROLLTON, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Michael McKay	Floodplain Administrator	9724663204		mike.mckay@cityofcarrollton.com
					CEO	Ron Branson	Mayor	9724663200		ron.branson@cityofcarrollton.com
480168	CEDAR HILL, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Johnny Kendro	Building Official	9727444290		johnny.kendro@cedarhill.tx.com
					CEO	Rob Franke	Mayor	9722915100		rob.franke@cedarhill.tx.com
480169	COCKRELL HILL, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Fred Haney	Planning & Zoning Director	2143306333		fhaney@cockrell-hill.tx.us
					CEO	Luis D Carrera	Mayor	2143306333		mayor@cockrell-hill.tx.us
480408	COMBINE, CITY OF	NOT PARTICIPATING	REVISED	06/16/05	FPA	Karla Strachan	City Secretary	9724761532		citycombine@aol.com
					CEO	Keith Taylor	Mayor	9724761532		city@combinetx.com
480170	COPPELL, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Ken Griffin P.E.	Director of Engineering	9723043679		kgriffin@ci.coppell.tx.us
					CEO	Jayne Peters	Mayor	9724620022		jpeters@ci.coppell.tx.us
480165	DALLAS COUNTY *	PARTICIPATING	REVISED	06/16/05	FPA	Christine Jacobs	Emerg. Mgmnt. Coordinator	2146537980		christine.jacobs@dallascounty.org
					CEO	JIM FOSTER	County Judge	2146537949		jim.foster@dallascounty.org
480171	DALLAS, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Steve Parker	Program Manager	2149484666		stephen.parker@dallascityhall.com
					CEO	TOM LEPPERT	Mayor	2146703738		tom.leppert@dallascityhall.com
480172	DESOTO, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Crystal Owens	City Engineer	9722309642		cowens@ci.desoto.tx.us
					CEO	Bobby R Waddle	Mayor	9722309642		bwaddle@ci.desoto.tx.us
480173	DUNCANVILLE, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Gina D Garcia	Asst. City Engineer	9727805008		Ggarcia@ci.Duncancille.tx.us
					CEO	David Green	Mayor	9727805015		dgreen@ci.duncanville.tx.us
480174	FARMERS BRANCH, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Jerry Murawski	city engineer	9729192591		jerry.murawski@farmersbranch.info.com
					CEO	Tim O'Hare	Mayor	2144908216		tim.ohare@farmersbranch.info.com
485471	GARLAND, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Lyle Jenkins	Drainage & Development Enginee	9722053620		ljenkins@ci.garland.tx.us
					CEO	Ronald E Jones	Mayor	9722052400		
481265	GLENN HEIGHTS, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Brandon Montgomery	City Planner	9722745100		thecityplanner@glennheights.com
					CEO	Clark Choate	Mayor	9722231690		
485472	GRAND PRAIRIE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Gabriel JOHNSON	FPA	9722378157		gjohnson@gptx.org
					CEO	Charles England	Mayor	9722378035		mayorcharlesengland@gptx.org

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480598	GRAPEVINE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	John Robertson, P.E.	Civil Engineer	8174103138	41	jrobertson@grapevinetexas.gov
					CEO	William D Tate	Mayor	8174812591		wtate@grapevinetexas.gov
480178	HIGHLAND PARK, TOWN OF	PARTICIPATING	REVISED	06/16/05	FPA	Meran Dadgostar	Town Engineer, FPA	2145214161		mdadgostar@hptx.org
					CEO	William H Seay Jr.	MAYOR (SEND TO MAYOR)	2145214161		gkirby@hptx.org
480179	HUTCHINS, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Randall Tuley	Code Enforcement	9722256121		rtuley@citycfhutchins.org
					CEO	Artis Johnson	Mayor	9722256121		mayor@cityofhutchins.org
480180	IRVING, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Garry Fennell	Sr. Civil Engineer	9727212611		gfennell@cityofirving.org
					CEO	Herbert Gears	Mayor	9727212600		hgears@cityofirving.org
480181	KLEBERG, CITY OF	DEFUNCT	NEVER MAPPED	01/01/50						
480182	LANCASTER, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Luis Blandon	City Engineer	9722751700		lblandon@lancaster-tx.com
					CEO	Marcus Knight	Mayor	9722276075		mknight@lancaster-tx.com
485490	MESQUITE, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Matthew Holzapfel	City Engineer	9722166214		mholzapfel@cityofmesquite.com
					CEO	John Monaco	Mayor	9722166244		jmonaco@cityofmesquite.com
481155	OVILLA, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Randy Whiteman	CITY ADMINISTRATOR	9726177262		rwhiteman@cityofovilla.org
					CEO	Bill Vansyckle	MAYOR	9726177262		mayorvansyckle@cityofovilla.org
480184	RICHARDSON, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Robert Bunce	Engineering Technician	9727444275		robert.bunce@cor.gov
					CEO	Gary Slagel	Mayor	9727444203		gary.slagel@cor.gov
480185	ROWLETT, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Tom Harris	Asst. City Engineer	9724126286		tharris@rowlett.com
					CEO	John Harper	Mayor	9724632489		jharper@rowlett.com
480186	SACHSE, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Billy George	CITY ENGINEER	9726751633		bgeorge@cityofsachse.com
					CEO	Mike Felix	Mayor	9724951212		mfelix@cityofsachse.com
480187	SEAGOVILLE, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Ron Harness	Building Inspector	9722876829		rharness@seagoville.us
					CEO	Sidney M Sexton	Mayor	9722876819		citysecretary@seagoville.us
480188	SUNNYVALE, TOWN OF	PARTICIPATING	REVISED	06/16/05	FPA	Steve Gilbert	Dir of Comm. Dev/Bldg Inspec	9722267177		
					CEO	David Bryd	Mayor	9722267177		mayor.bryd@townofsunnyvale.org
480189	UNIVERSITY PARK, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Harry Persaud	Chief Planning Official	2149875410		hpersaud@uptexas.org
					CEO	James H Holmes	Mayor	2143631644		jholmes@uptexas.org
480190	WILMER, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Alice Holloway	City Secretary	9724413222		aholloway@cityofwilmer.com
					CEO	Jeff Steele	Mayor	9724413222		jsteele@cityofwilmer.com

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481166	WOODLAND HILLS, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
	**** DAWSON COUNTY ****									
481084	ACKERLY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Mary Scheulke	MAYOR	4323534868		sragle@esc17.net
					CEO	Mary Scheulke	MAYOR	4323534868		sragle@esc17.net
481214	DAWSON COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	sam saleh				
					CEO	SAM SALEH	COUNTY JUDGE	8068727544		judgesaleh@windstream.net
480191	LAMESA, CITY OF	PARTICIPATING	REVISED	02/06/91	FPA	Ric Morningstar	CITY SECRETARY			
					CEO	Ric Morningstar	CHIEF INSPECTOR	8068722124		RICMORNINGSTAR@YAHOO.COM
480921	O'DONNELL, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/27/76	FPA	JAMES E WILLIAMS	MAYOR	8064283239		odonnellcity@pics.net
					CEO	JAMES E WILLIAMS	MAYOR	8064283239		
	**** DEAF SMITH COUNTY ****									
481215	DEAF SMITH COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	TOM SIMONS	COUNTY JUDGE	8063637000		
480192	HEREFORD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/88	FPA	Butch Casey	City Manager			
					CEO	Butch Casey	Building Official	8063637103		BZ@go-herd.com
	**** DELTA COUNTY ****									
480193	COOPER, CITY OF	NOT PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	RICHARD HUIE	MAYOR	9033952217		coopercityhall@neto.com
					CEO	RICHARD HUIE	MAYOR	9033952217		coopercityhall@neto.com
480772	DELTA COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Harold Watkins	EMO			
					CEO	HUGH WHITNEY	COUNTY JUDGE	9033954400		NONE
480773	PECAN GAP, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/20/76	FPA	Warner Chaney	MAYOR	9033594400	221	
					CEO	Warner Chaney	MAYOR	9033594400	221	
	**** DENTON COUNTY ****									
480775	ARGYLE, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Troy Norton	Public Works Director	9404647273		
					CEO	Greg Landrum	Mayor	9404647273		
480776	AUBREY, CITY OF	PARTICIPATING	REVISED	12/06/02						
481501	BARTONVILLE, TOWN OF	PARTICIPATING	REVISED	12/06/02						
480167	CARROLLTON, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Michael McKay	Floodplain Administrator	9724663204		mike.mckay@cityofcarrollton.com
					CEO	Ron Branson	Mayor	9724663200		ron.branson@cityofcarrollton.com

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480133	CELINA, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	keith Billick	FPA	9723822682		kbillick@celina-tx.gov
					CEO	Jim Lewis	Mayor	9723822682		
481508	COPPER CANYON, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Brian D Haynes	Town Engineer	9729560801		
					CEO	Sue Tejml	Mayor	9402412677		
481143	CORINTH, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	Fred Gibbs	Director of Planning	9404983260		
					CEO	Fred Gibbs	Director of Planning	9464983260		FGIBBS@CITYOFCORINTH.COM
481513	CROSS ROADS, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Katherine Ritchie	Town Secretary	9403659693		townsecretary@crossroadstx.gov
					CEO	Harv Kitchens	Mayor	8173652567		
480774	DENTON COUNTY*	PARTICIPATING	REVISED	12/06/02	FPA	Bennett Howell, P.E., CFM	Director of Public Works	9403493250		
480194	DENTON, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	Dale / Frank Hoelting / Payne	Interim FPA / City Engineer	2143776710		d.hoelti@verizon.net
					CEO	MARK BURROUGHS	MAYOR	9403497717		
481516	DOUBLE OAK, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Charlie Wright	Bldg. Official	9725399464		
					CEO	Mike Donnelly	Mayor	9725399464		
481517	EASTVALE, TOWN OF	DEFUNCT	RESCINDED	01/01/50	FPA		disincorporated	2146256644		
480777	FLOWER MOUND, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA	Edith Marvin	Town Engineer	9728746305		
					CEO	Jody A Smith	Mayor	9728746000		
480596	FORT WORTH, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Clair Davis, P.E., CFM	Asst Floodplain Administrator	8173925981		clair.davis@fortworthgov.org
					CEO	Michael J Moncrief	Mayor	8173926118		
480134	FRISCO, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Ruben Delgado	Floodplain Admin	9725483728		rdelgado@collincountytexas.gov
					CEO	Lori Chapin	Senior Engineer			
481607	HACKBERRY, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	12/06/02	FPA	Vila Huggins	City Secretary	9722923223		
					CEO	Jeromy Cannon	Mayor	9722923223		
481495	HEBRON, CITY OF	SUSPENDED	REVISED	12/06/02	FPA	Kelly Clem	Mayor	9724923711	103	
					CEO	Kelly Clem	Mayor			
481150	HICKORY CREEK, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Mike Deason	Town Administrator			
					CEO	JEFFREY MCSPEDDEN	DIRECTOR PUBLIC WORKS	9404972524		JEFFREY.MSPEDDEN@HICKORYCREEK-TX.GOV
481105	HIGHLAND VILLAGE, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	Robert Wachal	GIS Administrator	9728995091	115	
					CEO	Dianne Costa	Mayor	972899513		

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								2		
480778	JUSTIN, CITY OF	PARTICIPATING	REVISED	12/06/02						
481661	KRUGERVILLE, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	12/06/02	FPA	Tim Lackey	City Engineer	2143510963		t.lackey@nrsengineers.com
					CEO	Erich Ransleben	Mayor	9403655833		
480779	KRUM, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	12/06/02						
480780	LAKE DALLAS, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	Earl A Berner	City Manager	9404972226	6	eberner@lakedallas.com
					CEO	Tony Marino	Mayor	9404972226		tmarino@lakedallas.com
481663	LAKEWOOD VILLAGE, TOWN OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	12/06/02	FPA	Linda Asbell	Town Secretary	9722945555		
					CEO	MIKE SCHNITTKER	MAYOR	9032945555		
480195	LEWISVILLE, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	David P Salmon	Asst. City Engineer	9722193492		
					CEO	David Salmon	Asst. City Engineer			
480781	LINCOLN PARK, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50						
					CEO	LORETTA RAY	MAYOR	9403652839		
481152	LITTLE ELM, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Kathy Phillips	TownSecretary	2149750475		
					CEO	Charles Platt	Mayor	9722941821		
481662	MARSHALL CREEK, TOWN OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA			8174913564		
					CEO			8174913564		
480782	NORTHLAKE, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Larry Rommell	Director of Public Works	9404651664		
					CEO	Peter Dewing	Mayor	8174214891		
481639	OAK POINT, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	Jana Hawkins	FPA	9722942312		jhawkins@oakpointtexas.com
					CEO	Duane Olson	Mayor	9722942312		
480783	PILOT POINT, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	Mario Cisneros	Director, Public Works			
					CEO	RANDOLPH J HOSEA	PLANNING & DEV DIRECTOR	9406862165		RHOSEA@CITYOFPILOTPOINT.ORG
480784	PONDER, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Gary Morris	FPA			
					CEO	GEORGE BELCHEFF III	CITY ENGINEER	8174912776		GEORGEB@BELCHEFF.COM
480785	ROANOKE, CITY OF	PARTICIPATING	REVISED	09/25/09						
480786	SANGER, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	ROBERT (ROB) WOODS,	ENGINEERING	9404587930		
					CEO	Joe Higgs	Mayor	9404587930		

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481135	SHADY SHORES, TOWN OF	PARTICIPATING	REVISED	12/06/02	FPA	Olive Stephens	Mayor	9404980044		shadyshores@centurytel.net
					CEO	Olive Stephens	Mayor	9404980044		
481581	THE COLONY, CITY OF	PARTICIPATING	REVISED	12/06/02						
481606	TROPHY CLUB, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA		Vacant at this time			
					CEO	Carolyn Huggins	Planning & Zoning Manager	6828314681		chuggins@ci.trophyclub.tx.us
480614	WESTLAKE, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA	Thomas Brymer	Town Engineer	8176408535		tbrymer@grahamcivil.com
					CEO	Laura Wheat	Mayor	8174300941		townhall@westlake-tx.org
	**** DEWITT COUNTY ****									
480196	CUERO, CITY OF	PARTICIPATING	ORIGINAL	08/03/81	FPA	MARIE GALLES	City Manager	3612750916		cuero@dewittec.net
					CEO	RANDY SAENZ	Mayor	3612753476		CUERO@DEWITTEC.NET
481171	DEWITT COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	05/01/87						
481154	NORDHEIM, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	KATHERINE PAYNE	MAYOR	3619385223		
					CEO	KATHERINE PAYNE	MAYOR	3619385223		
480434	YOAKUM, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87						
480197	YORKTOWN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/87	FPA	Larry Lancaster	City Secretary	3615642611		larry.yorktown@yahoo.com
					CEO	Rene Hernandez	MAYOR	3615642611		
	**** DICKENS COUNTY ****									
480198	DICKENS COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
480787	DICKENS, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/06/76	FPA	BOB PORTER	MAYOR	8066235224		NONE
					CEO	BOB PORTER	MAYOR	8066235224		NONE
480788	SPUR, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/07						
	**** DIMMIT COUNTY ****									
480790	ASHERTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Ramon Saldivar	Mayor	8304683314		ramonsaldivarjr@yahoo.com
					CEO			8304683314		CITY_OF_ASHERTON@HOTMAIL.CO
480791	BIG WELLS, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	ALICIA M OREGEL	CITY SECRETARY	8304572218		cityofbigwells@sbcglobal.net
					CEO	Roger R Matthews	Mayor	8304572218		

Federal Emergency Management Agency
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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480199	CARRIZO SPRINGS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	Joe Rodrigez	FPA	8308762476		cityofcs@sbcglobal.net
					CEO	RALPH SALINAS	MAYOR	8308762476		cityofcs@sbcglobal.net
480789	DIMMIT COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07	FPA	Eloy F Rodriguez	FLOODPLAIN ADMINISTRATOR	8308764249		
					CEO	FRANCISCO G PONCE	COUNTY JUDGE	8308762323	221	
	**** DONLEY COUNTY ****									
481584	CLARENDON, CITY OF	PARTICIPATING	ORIGINAL	08/19/86	FPA	John Webb	City Administrator	8068743438		
					CEO	Linda Smith	city secretary	8068743438		lsscityhall@hotmail.com
481216	DONLEY COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	W. R. CHRISTAL	COUNTY JUDGE	8068743625		
					CEO	W. R. CHRISTAL	COUNTY JUDGE	8068743625		
480201	HEDLEY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
481535	HOWARDWICK, CITY OF	PARTICIPATING	NEVER MAPPED	01/02/80	FPA	Dianna Knight	City Sec.			
					CEO	MAX HENNIGH	MAYOR	8068742222		
	**** DUVAL COUNTY ****									
480792	BENAVIDES, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	03/04/86	FPA	Pancho Hernandez				
					CEO	Pancho Hernandez				
480202	DUVAL COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	05/01/87	FPA	Jose O Barrera	FPA	3612796214		
					CEO	ABEL ARAGON	COUNTY JUDGE	3612796204	204	gaitanshelley@yahoo.com
481199	SAN DIEGO,CITY OF	PARTICIPATING	REVISED	02/03/93	FPA	Ernes Sanchez, Jr.	City-Director			
					CEO	ERNESTO SANCHEZ JR.	City-Director	3612793341		
	**** EASTLAND COUNTY ****									
480794	CARBON, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	KENNETH W HALFORD	MAYOR	2546392002		cityofcarbon@yahoo.com
480203	CISCO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	01/23/79	FPA	Jim Baker		2544422111		citymanager@sbcglobal.net
					CEO	JOE JARVIS	MAYOR	2544422111		
480793	EASTLAND COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/07	FPA	Rex Fields	COUNTY JUDGE	2546291263		ecjudge@eastlandcountytexas.com
					CEO	BRAD STEPHENSON	COUNTY JUDGE	2546291263		
480204	EASTLAND,CITY OF	PARTICIPATING	REVISED	08/05/97						
481103	GORMAN, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Tacy Warren	City Secreatry	2547342317		
					CEO	Tacy Warren	City Secreatry	2547342317		tacywarren@hotmail.com

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480205	RANGER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/99	FPA	Tim Huckaby		2546473522		
					CEO	JOHN CARY	MAYOR	2546473522		CITYSECRETARYRCH@CEBRIDGE.N
480795	RISING STAR, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/31/78	FPA	Betsy Herring	CITY ADMINISTRATOR	2546434261		
					CEO	JAN CLARK	CITY ADMINISTRATOR			
	**** ECTOR COUNTY ****									
480796	ECTOR COUNTY*	PARTICIPATING	REVISED	10/20/98	FPA	Joseph/Fred M Tucker/Crawford	Landgraf Crutcher & Associates	4323325058		crawford@co.ector.tx.us
					CEO	Susan M Redford	County Judge	4324984100		redford@co.tx.us
480797	GOLDSMITH, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	Bennie Cope	Floodplain Administrator	4328273404		
					CEO	Billy Whittemore	Mayor	4328273404		
480206	ODESSA, CITY OF	PARTICIPATING	REVISED	09/16/05	FPA	Yervand Hmayakyan, C.F.M., P.E.	ASSISTANT CITY ENGINEER	4323353242		engineering@odessa-tx.gov
					CEO	Larry Melton	Mayor	4323354104		cs@odessa-tx.gov
	**** EDWARDS COUNTY ****									
481217	EDWARDS COUNTY *	NOT PARTICIPATING	NEVER MAPPED	02/19/82	FPA	Nick Gallegos	COUNTY JUDGE	8306836122		judge@swtexas.net
					CEO	NEVILLE SMART, JR.	COUNTY JUDGE	5126836122		
481118	ROCKSPRINGS, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/91						
	**** EL PASO COUNTY ****									
480804	ANTHONY,TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	ART FRANCO	MAYOR	9158863944		
					CEO	Art Franco	Mayor	9158863944		afranco@townofanthony.org
480213	CANUTILLO, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
481260	CLINT, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	FABIOLA OCHOA	TOWN CLERK	9158513146		townofclint@aol.com
					CEO	Dale T Reinhardt	MAYOR	9158513146		townofclint@aol.com
480212	EL PASO COUNTY *	PARTICIPATING	ORIGINAL	09/04/91	FPA	ROBERT RIVERA, P.E.	Co. Eng./Public works Dir FPA	9155462015		rrivera@epcounty.com
					CEO	Anthony Cobos	COUNTY JUDGE			dbriones@co.el-paso.tx.us
480214	EL PASO, CITY OF	PARTICIPATING	REVISED	02/16/06	FPA	Alan Shubert, P.E.	Floodplain Administrator	9155414428		shubertra@elpasotexas.gov
					CEO	John F Cook	Mayor	9155414145		shubertar@elpasotexas.gov
480215	FABENS, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
480322	HORIZON CITY, TOWN OF	PARTICIPATING	ORIGINAL	09/04/91	FPA	Guillermo Reyes	Director Of Public Works	9158521046		greyes@horizoncity.org
					CEO	Walter L Miller	Mayor	9158521046		

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481658	SOCORRO, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	SAMUEL LEONY	PLANNING & PUBLIC WORKS DIR.	9158728531		leonys@socorrotexas.org
					CEO	Trini Lopez	MAYOR	9158582915		
481557	VINTON, TOWN OF	PARTICIPATING	NEVER MAPPED	06/24/80	FPA	Jose G Andujo	Village Engineer	9155336811		gandujo@team-psc.com
					CEO	Madeleine Praino	Mayor, Village of Vinton			
480663	YSLETA DEL SUR PUEBLO OF	NOT SANCTIONED	NEVER MAPPED	01/01/50						
					CEO	ARTARO SINCLAIR	GOVERNOR	9158597913		
	**** ELLIS COUNTY ****									
481546	ALMA, TOWN OF	NOT PARTICIPATING	REVISED	01/05/06	FPA	Joyce Reeve	City Secretary	9728758814		
					CEO	Scott Shepherd	Mayor	9728756832		
481087	BARDWELL, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Ardeena Wood	City Secretary	9726465332		cityofbardwell@yahoo.com
					CEO	Clint Icy	MAYOR, CITY OF BARDWELL	9726465332		cityofbardwell@yahoo.com
480798	ELLIS COUNTY*	PARTICIPATING	REVISED	01/05/06	FPA	Delton Ake	Department of Development	9729235112		joe.white@co.ellis.tx.us
					CEO	Carol Bush	County Judge	9728255200	8	countyjudge@co.ellis.tx.us
480207	ENNIS, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Buddy Markham	Chf. Blg Insp./ Fire Marshall	9728751234		bmarkham@ennispublicsafety.net
					CEO	Russell L Thomas	Mayor	9728781234		ennisadmin@ennis-tx.com
481076	FERRIS, CITY OF	PARTICIPATING	ORIGINAL	01/05/06	FPA	Tim Rawlings	Chief Building Official	9725442965		pat.bradley@ci.ferristx.us
					CEO	Richard M Barrett	MAYOR	9725442110		pat.bradley@ci.ferristx.us
480799	GARRETT, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	Julie Featherston	City Secretary	9728755893		cityofgarrett@sbcglobal.net
					CEO	Matt Newsom	Mayor	9728755893		cityofgarrett@sbcglobal.net
481265	GLENN HEIGHTS, CITY OF	PARTICIPATING	REVISED	06/16/05	FPA	Brandon Montgomery	City Planner	9722745100		thecityplanner@glennheights.com
					CEO	Clark Choate	Mayor	9722231690		
485472	GRAND PRAIRIE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Gabriel JOHNSON	FPA	9722378157		gjohnson@gptx.org
					CEO	Charles England	Mayor	9722378035		mayorcharlesengland@gptx.org
480800	ITALY, CITY OF	NOT PARTICIPATING	ORIGINAL	01/05/06	FPA	Teri Murdock	City Administrator	9724837329		italycityhall@yahoo.com
					CEO	Frank Jackson	Mayor	9724837329		italycityhall_mayor@yahoo.com
480606	MANSFIELD, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Bart VanAmburgh	City Engineer	8172764233		
					CEO	David Cook	Mayor	8172764200		
480208	MAYPEARL, CITY OF	NOT PARTICIPATING	REVISED	01/05/06	FPA	Joe Restivo	Planning and Zoning Director	9724352380		CITYOFMAYPEARL@ECTISP.NET
					CEO	John Wayne Pruitt	MAYOR	9724352380		cityofmaypearl@ectisp.net

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480801	MIDLOTHIAN, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Mike Adams	City Engineer	9727753481		mike.adams@midlothian.tx.us
					CEO	Boyce Whatley	Mayor	9727753481		boyce.whatley@midlothian.tx.us
480802	MILFORD, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	SANDRA SMITH	CITY SECRETARY	9724933161		sandra_k_smith@hotmail.com
					CEO	JOHN KNIGHT	MAYOR	9724933161		milfordcityhall@interlinkcc.com
481672	OAK LEAF, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Ronda Quintana	City Secretary	9726172660		rquintana@oakleaftexas.org
					CEO	Paul Klooster	MAYOR	9726172660		mayor@oakleaftexas.org
481155	OVILLA, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Randy Whiteman	CITY ADMINISTRATOR	9726177262		rwhiteman@cityofovilla.org
					CEO	Bill Vansyckle	MAYOR	9726177262		mayorvansyckle@cityofovilla.org
480209	PALMER, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Doug Young	City Administrator	9724493160		DYOUNG@CI.PALMER.TX.US
					CEO	Lance Anglin	Mayor	9724493160		DYOUNG@CI.PALMER.TX.US
481673	PECAN HILL, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	RICHARD DORMIER	CITY ENGINEER	2145030555	106	RICHARD@FMI-DALLAS.COM
					CEO	Courtney Landsbaum	MAYOR PRO TEM	9726176274		
481650	RED OAK, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	CHARLES BREWER	DIRECTOR OF PUBLIC WORKS	9725763414		cbrewer@redoaktx.org
					CEO	ALAN HUGHLEY	MAYOR	9726173638		ahughley@redoaktx.org
480883	VENUS, CITY OF	PARTICIPATING	REVISED	01/06/99	FPA	Jerry Reed	City Administrator	9723663348	205	JREED-CA@CITYOFVENUS.ORG
					CEO	Charley Grimes	MAYOR	9723663348		MAYOR@CITYOFVENUS.ORG
480211	WAXAHACHIE, CITY OF	PARTICIPATING	REVISED	01/05/06	FPA	Jeffrey Chambers	Director of Public Works	9729377331		
					CEO	Ron Wilkinson	Mayor	9723519200		rlw@ronaldlwilkinson.com
	**** ERATH COUNTY ****									
480219	DUBLIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/08/78	FPA	Mike Weems	Code Enforcement Officer	2544453331		mweems@ci.dublin.tx.us
					CEO	Tom R Gordon	MAYOR	2544453331		
480218	ERATH COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/04	FPA	Tab Thompson	Judge	2549651452		
					CEO	TAB THOMPSON	COUNTY JUDGE	2549651452		COUNTYJUDGE@HTCOMP.NET
480220	STEPHENVILLE, CITY OF	PARTICIPATING	REVISED	07/16/91	FPA	Chad Denson	FPA	2549181217		cdenson@ci.stephenville.tx.us
					CEO	Nancy Hunter	Mayor	2549181217		cdenson@ci.stephenville.tx.us
	**** FALLS COUNTY ****									
481302	BRUCEVILLE-EDDY, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	GINGER METCALF	City Secretary			
					CEO	KONI BILLINGS	City Secretary	2548595964		BE-CITYSEC@SBCGLOBAL.NET

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480805	FALLS COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	R. Steven Sharp	COUNTY JUDGE	2548831426		ps.sharp@co.falls.tx.us
					CEO	THOMAS SEHON	COUNTY JUDGE	2548831406		
480806	LOTT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/09/76	FPA	WALTER D FORD	MAYOR	2545842681		
					CEO	CONNIE JOHNSON	MAYOR	2545842681		
480221	MARLIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/87	FPA	LYNDALL GROOS	BUILDING OFFICER			
					CEO	EDWIN L SNELGROVE	BUILDING OFFICER	2548831453		BUILDINGOFFICIALMARLIN@YAHOO.COM
481119	ROSEBUD, CITY OF	NOT PARTICIPATING	NEVER MAPPED	10/29/76	FPA	KENNETH WATKINS	EMERGENCY MANAGEMENT	2545837926		NONE
					CEO	KENNY HENSEL	MAYOR	2545837926		NONE
	**** FANNIN COUNTY ****									
480808	BAILEY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/92	FPA	Kenny Burks	Emergency Manager	9035836111		
					CEO	Robert Stephens	Mayor	9035836111		
481582	BONHAM WATER AUTHORITY	DEFUNCT	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/88	FPA	Janson Smith	Building Inspector	9035837555		
					CEO	Roy Floyd	MAYOR	9035837555		
480222	BONHAM, CITY OF	PARTICIPATING	ORIGINAL	05/05/81	FPA	David Kinkade	DEVELOPMENT SERVICE COORDINATO	9035837555		
					CEO	JASON SMITH	BUILDING OFFICIAL	9035837555		
481144	DODD CITY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	JACKIE LACKEY	MAYOR	9035837710		
480809	ECTOR, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07						
					CEO	STELLA BAKER	CITY SECRETARY	9039612495		CITYOFECTOR@TEXOMA.NET
480807	FANNIN COUNTY*	PARTICIPATING	ORIGINAL	12/01/04						
480810	HONEY GROVE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Murray Jackson	FPA			
					CEO	JACI GARNER	CITY SECRETARY	9033783033		JACI@CITYOFHONEYGROVE.ORG
480811	LADONIA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85						
					CEO	Jan Cooper	MAYOR	9033677011		
480812	LEONARD, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/02/50	FPA	Bill Yoss	Mayor			
					CEO	Bill J Yoss	Mayor	9035873334		
480773	PECAN GAP, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/20/76	FPA	Warner Chaney	MAYOR	9033594400	221	
					CEO	Warner Chaney	MAYOR	9033594400	221	
480813	SAVOY, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Jeff Jones	EMERGENCY MGMT. COORDINATOR			
					CEO	DONNIE FOSTER	CHIEF OF POLICE	903965454		Z60@CITYOFSAVOY.ORG

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								6		
480814	TRENTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	CEO	JANICE SMITH	CITY SECRETARY	9039892237		
480839	WHITEWRIGHT, TOWN OF	PARTICIPATING	REVISED	07/17/95						
481165	WINDOM, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Joe Pate		9036233425		
					CEO	Don Simmons	Mayor	9036233425		windomcity@yahoo.com
	**** FAYETTE COUNTY ****									
481505	CARMINE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/17/06	FPA	Sally Bridie	Mayor			
					CEO	Justin Flasowski	Mayor	9792783273		
481565	FAYETTE CO. W.C.& I.D.-	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/17/06	FPA	Daniel L Zitterich, CFM	Floodplain Coordinator	9799660906		FAYCOEMC@CMAACCESS.COM
					CEO	Ed Janecka	County Judge	9799686469		faycojudge@cmaaccess.com
480815	FAYETTE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/17/06	FPA	Janet Carrigan	Floodplain Administrator	9792496215		janet.carrigan@co.fayette.tx.us
					CEO	Ed Janecka	County Judge	9799686469		faycojudge@cmaaccess.com
481147	FAYETTEVILLE, TOWN OF	NOT PARTICIPATING	ORIGINAL	10/17/06	FPA	Ronald Pflughaupt	Mayor	9793782559		
					CEO	Ronald Pflughaupt	Mayor	9793782559		
481102	FLATONIA, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/17/06	FPA	Kenneth Knight	city manager	3618653548		manager@ci.flatonia.tx.us
					CEO	Lori Berger	Mayor	3618653548		
480223	LA GRANGE,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/17/06	FPA	Frank Mehefee Jr	FP Admin			
					CEO	JEFFREY K ROST	FP Admin			JROST@CITYOFLG.COM
480816	ROUND TOP, TOWN OF	PARTICIPATING	ORIGINAL	10/17/06	FPA	Charles Anderson	Volunteer architectural review	9792496556		arti@cvtv.net
					CEO	Carol Nagel	Mayor	9792495885		cityrtop@cvtv.net
481134	SCHULENBURG, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/17/06						
	**** FISHER COUNTY ****									
481218	FISHER COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	MARSHALL BENNETT	COUNTY JUDGE	9157762151		
					CEO	MARSHALL BENNETT	COUNTY JUDGE	9157762151		
480402	HAMLIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	Jack Shields	Mayor	3255762711		coh99@classicnet.net
					CEO	Jack Shields	Mayor	3255762711		
480225	ROBY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/30/76	FPA	LANCE GREEN	MAYOR	9157762271		cityroby@hotmail.com
					CEO	Lance Green	Mayor			

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480224	ROTAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87						
	**** FLOYD COUNTY ****									
480817	FLOYD COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/07	FPA	Penny Golightly	Floyd County Judge			
					CEO	WILLIAM D HARDIN	COUNTY JUDGE	8069832244		judgehardin@texasonline.net
480226	FLOYDADA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89						
480818	LOCKNEY, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	07/02/76	FPA	Ron Hall	City Administrator			
					CEO	RODGER STAPP	MAYOR	8066522355		lockney@nts-online.net
	**** FOARD COUNTY ****									
480819	CROWELL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/24/82	FPA	Tiffni Hererra	City Secretary			
					CEO	ROBERT KINCAID	MAYOR	9406841722		
480227	FOARD COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** FORT BEND COUNTY ****									
481619	ARCOLA CITY OF	PARTICIPATING	REVISED	11/07/01						
481654	BEASLEY, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/07/01	FPA	Kenneth Reid	MAYOR	9793872775		chsecretary@consolidated.net
					CEO	Kenneth Reid	MAYOR	9793872775		chsecretary@consolidated.net
481596	BIG OAKS M.U.D.	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/07/01	FPA	Tim J Buscha	Project Manager	7134623178		tbuscha@PATEENG.COM
					CEO	Mat Carpenter	Design Engineer	7134623178		gpate@pateeng.com
481575	BURLINGTON COLONY	DEFUNCT	NEVER MAPPED	01/01/50	FPA	MD SIMMONS				
					CEO	MD SIMMONS				
481568	CHELFORD M.U.D., CITY	PARTICIPATING	REVISED	11/07/01	FPA	Raymond J Anderson, P.E.	Manager of Permits	7139563020		
					CEO	JOHN GARDNER	PRESIDENT	7136510111		lrowlett@coatsrose.com
481573	CHERRY HILL MUNICIPAL	DEFUNCT	NEVER MAPPED	01/01/50	FPA	MD SIMMONS				
					CEO	MD SIMMONS				
481574	CHIMNEY ROCK MUNICIPAL	DEFUNCT	NEVER MAPPED	01/01/50	FPA	JAY SINYEI - PRES.		7136510111		
					CEO	JAY SINYEI - PRES.	M. D. SIMMONS	7136510111		
481566	CITIES M.U.D. NO. 2, CITY OF	PARTICIPATING	ORIGINAL	07/16/84	FPA	JAMES R DAVIDSON - PRES	BOARD OF DIRECTORS	7135226391		
					CEO	JAMES R DAVIDSON - PRES	BOARD OF DIRECTORS	7135226391		

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481576	COURT ROAD MUNICIPAL	DEFUNCT	NEVER MAPPED	01/01/50	FPA	MD SIMMONS				
					CEO	MD SIMMONS				
481675	FAIRCHILDS, VILLAGE OF	PARTICIPATING	REVISED	11/07/01	FPA	Johnny Ortega	Permit Supervisor	2816337500		joo@co.fort-bend.tx.us
					CEO	RICHARD VACEK	MAYOR	9797936610		
481583	FIRST COLONY L.I.D.	PARTICIPATING	REVISED	11/07/01	FPA	GREG FRANK	VICE PRES.-COSTELLO ENG & SURV	7137837788		SCOSTELLO@COSENG.COM
					CEO	GARY KNAPP	PRESIDENT	7137837788		gfrank@coseng.com
480228	FORT BEND COUNTY *	PARTICIPATING	REVISED	11/07/01	FPA	Johnny Ortega, CFM	Permit Administrator	2816337500		joo@co.fort-bend.tx.us
					CEO	Johnny Ortega	Permit Administrator	2816337500		joo@co.fort-bend.tx.us
481485	FORT BEND COUNTY L.I.D. #2	PARTICIPATING	REVISED	11/07/01	FPA	GREGORY P FRANK	ENGINEER	7137837788		gfrank@coseng.com
					CEO	Andre McDonald	PRESIDENT, BOARD OF DIRECTORS	7138606400		
481594	FORT BEND COUNTY L.I.D. #7	PARTICIPATING	REVISED	11/07/01	FPA	GREGORY P FRANK, P.E.	VICE PRES. COSTELLO, INC.	7137837788		jvanderwilt@coseng.com
					CEO	Epifanio Salazar	Chairman, Board of Directors	7136234531		hcohen@sphllp.com
481272	FORT BEND COUNTY M.U.D. #2	PARTICIPATING	REVISED	11/07/01	FPA	Tim E Buscha	Project Manager	8324627192		tbuscha@PATEENG.COM
					CEO	Tim Buscha	Project Manager, Pate Engineer	7134623178		tbuscha@pateeng.com
481590	FORT BEND COUNTY M.U.D. #23	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/07/01						
481570	FORT BEND COUNTY M.U.D. #25	PARTICIPATING	REVISED	11/07/01	FPA	CHRIS CANONICO	CLIENT SERVICE MANAGER	7134237300		canonicocg@cdm.com
					CEO	DONALD F HILL	PRESIDENT	2813432140		
481601	FORT BEND COUNTY M.U.D. #30	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	11/07/01	FPA	GREG PHIPPS, PE	PROJECT MANAGER	2819309339		GEPHIPPS@JAC-CE.COM
481520	FORT BEND COUNTY M.U.D. #34	PARTICIPATING	REVISED	11/07/01						
					CEO	BILLY E HAEHNEL	PRESIDENT	7135031515		billyhaehnel@aol.com
481519	FORT BEND COUNTY M.U.D. #35	PARTICIPATING	REVISED	11/07/01	FPA	SAIB SAOUR	ENGINEER	7132669930		ssaour@benchmarkengr.net
					CEO	PETER HARDING	MS. PATSY ISCHAY, BOARD PRESID	7136234531		
481591	FORT BEND COUNTY M.U.D. #41	PARTICIPATING	REVISED	11/07/01						
481605	FORT BEND COUNTY M.U.D. #42	PARTICIPATING	ORIGINAL	11/07/01	FPA	ALAN D HIRSCHMAN	SENIOR PROJECT MANAGER	7135276445		a.hirshman@dannenbaum.com
					CEO	LELDON L WALENTA	PRESIDENT	7132152569		
481600	FORT BEND COUNTY M.U.D. #81	DEFUNCT	REVISED	11/07/01	FPA	JOHNNY ORTEGA	FT. BEND CTY. PERMIT ADMINISTR	2816337500		joo@co.fort-bend.tx.us
					CEO	ROBERT HEBERT	COUNTY JUDGE	2816337500		
481299	FT. BEND CO. WATER CONTROL	DEFUNCT	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	LEE DOZIER	CITY ENGINEER	7134913522		
					CEO	LEE DOZIER	CITY ENGINEER	713491352		

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								2		
481488	FULSHEAR, CITY OF	PARTICIPATING	REVISED	11/07/01	FPA	Diana Gordon Offord	CITY SECRETARY	2813461796		dofford@fulsheartx.com
					CEO	James W Roberts	MAYOR	2813461796		
480301	KATY, CITY OF	PARTICIPATING	REVISED	02/18/09						
481551	KENDLETON, TOWN OF	PARTICIPATING	REVISED	11/07/01	FPA	Alfred Smallwood	Emerg. Mgmnt. Coor. / Fire Chf	9794391524		
					CEO	Daryl Humphrey	Mayor	9795328240		pra2da6969@sbcglobal.net
481567	KINGSBRIDGE M.U.D.	PARTICIPATING	REVISED	11/07/01	FPA	David e Miller, PE	District Engineer	2814978700		maengr@swbell.net
					CEO	ROBERT C SHINDLER, JR	PRESIDENT	7132371221		ajohnson@publiclaw.com
481563	MEADOWS PLACE, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/07/01	FPA	DANIEL K MCGRAW	PUBLIC WORKS DIRECTOR/FPA	2819832950		PUBLICWORKS@CITYOFMEADOWSPLACE.ORG
					CEO	Charles Jessup	MAYOR	2819832950		mayor@cityofmeadowsplace.org
481578	MISSION BEND M.U.D. #1	PARTICIPATING	REVISED	11/07/01	FPA	Jolie Kraft	Dist. Engineer	7139560042		jkraft@vandewiele-eng.com
					CEO	HERB MCDONALD, JR	PRESIDENT	7138606406		lhumphries@velaw.com
480304	MISSOURI CITY, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Ms. Jing Chen	Asst. City Engineer	2814038580		jchen@missouricitytx.gov
					CEO	ALLEN OWEN	MAYOR	2812618500		aowen@missouricitytx.gov
480820	NEEDVILLE, CITY OF	PARTICIPATING	REVISED	11/07/01	FPA	RICHARD VACEK	OPERATIONS MANAGER			RGVACEK@CITYOFNEEDVILLE.COM
					CEO	RICHARD VACEK	OPERATIONS MANAGER	9797934251		RGVACEK@CITYOFNEEDVILLE.COM
481655	ORCHARD, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/07/01						
480077	PEARLAND, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Narciso Lira	City Engineer	2816521649		nlira@ci.pearland.tx.us
					CEO	TOM REID	MAYOR	2816521654		council@ci.pearland.tx.us
481486	PECAN GROVE M.U.D.	PARTICIPATING	REVISED	11/07/01	FPA	Jason A Kirby	District Engineer	7137775337		jkirby@jonescarter.com
					CEO	Joe Taylor	Board President	7138606406		lhumphries@abhr.com
481615	PLEAK, VILLAGE OF	PARTICIPATING	REVISED	11/07/01						
480231	RICHMOND, CITY OF	PARTICIPATING	REVISED	11/07/01	FPA	Robert J Haas	Building Official	2812326871		roberthaas@richmondfd.com
					CEO	GLEN GILMORE	CITY MANAGER	2813425456		
480232	ROSENBERG, CITY OF	PARTICIPATING	REVISED	11/07/01						
481564	SIMONTON, VILLAGE OF	PARTICIPATING	REVISED	11/07/01						
480233	STAFFORD, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Lawrence Vaccaro	director of public works			
					CEO	Lawrence Vaccaro JR	director of public works	2812613921		VACCARO@CITYOFSTAFFORD.COM
480234	SUGAR LAND, CITY OF	PARTICIPATING	REVISED	11/07/01	FPA	Patrick Hughes	Emerg. Mgmnt. Coordinator	2812752860		phughes@sugarlandtx.gov
					CEO	James Thompson	MAYOR	281275270		jthompson@sugarlandtx.gov

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								0		
481642	THOMPSONS, TOWN OF	PARTICIPATING	REVISED	11/07/01	FPA	FREDDIE NEWSOME, JR.	MAYOR	7133439929		
					CEO	FREDDIE NEWSOME, JR.	MAYOR			
481602	WEST KEEGANS BAYOU	PARTICIPATING	REVISED	11/07/01	FPA	Melinda j Garza	Engineer	7132673151		melinda.garza@aecom.com
					CEO	SANDRA WEIDER	DISTRIC PRESIDENT	2815302453		weidersj@juno.com
481197	WESTON LAKES, CITY OF	PARTICIPATING	ORIGINAL	11/07/01	FPA	Kathy Nida	City Clerk	2815330907		westonlakes@sbcglobal.net
					CEO	MARY ROSE Zdunkewitz	MAYOR	2815530907		westonlakes@sbcglobal.net
481603	WILLOW FORK DRAINAGE	PARTICIPATING	REVISED	11/07/01	FPA	Raymond J Anderson , PE	Manager of Permits	7139563020		
					CEO	Larry J Mueller, P.E.	Project Director			larry.mueller@tcb.aecom.com
	**** FRANKLIN COUNTY ****									
480235	FRANKLIN COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
480821	MOUNT VERNON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	JIM BLANCHARD	CITY MANAGER	9035372252		citymgr@mt-vernon.com
					CEO	DARWIN MCGILL	MAYOR	9035372252		
	**** FREESTONE COUNTY ****									
480823	FAIRFIELD, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/90	FPA	Jeff Looney	City Administrator/FPA	9033892633		jeff.looney@fairfieldtexas.net
					CEO	ROY HILL	MAYOR	9033892633		
480822	FREESTONE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/07	FPA	Luke Ward	Flood Admin			
					CEO	LINDA K GRANT	COUNTY JUDGE	9033893335		
480824	KIRVIN, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	KEN SESSIONS	FORMER COUNCIL MEMBER	9035992319		
					CEO	KEN SESSIONS	FORMER COUNCILMEMBER	9035992319		
480825	STREETMAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	05/06/77	FPA	Heather Marfell	City Clerk	9035992567		boc3sman@valornet.com
					CEO	Johnny A Robinson	MAYOR	9035992641		boc3sman@valornet.com
480236	TEAGUE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Don Doering	CITY ADMINISTRATOR	2547392547		dondoering@cityofteaguetx.com
					CEO	Jacquline Utsey	Mayor	2547392547		jacqulineu@sbcglobal.net
480826	WORTHAM, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/04/85	FPA	Matt Lindvay	Director of Public Works			
					CEO	JUDY EDWARDS	MAYOR	2547653319		cow@glade.net
	**** FRIO COUNTY ****									
480237	DILLEY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/88	FPA	Noel Perez	CITY Administrator	8309651624	24	nperez@cityofdilleytx.com
					CEO	MARY ANN OBREGON	MAYOR	8309651624		

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481172	FRIO COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Ralph Morgan	911 Coordinator	8303340088		
					CEO	CARLOS GARCIA	COUNTY JUDGE	8309651624		
480238	PEARSALL, CITY OF	PARTICIPATING	ORIGINAL	05/19/81	FPA	Eric Cortez	Zoning Administrator	8303345753		cityofpearsalltx@hotmail.com
					CEO	Eric Cortez	Zoning Administrator	8303345753		cityofpearsalltx@hotmail.com
	**** GAINES COUNTY ****									
481219	GAINES COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JUDY HOUSE	COUNTY JUDGE	4327585411		judy.house@co.gaines.tx.us
					CEO	JUDY HOUSE	COUNTY JUDGE	9157585411		NONE
480239	SEAGRAVES, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/19/86	FPA	DAVID BEAN	PUBLIC WORKS DIRECTOR	8063872013		GOLFBALL@POKA.COM
					CEO	PAT MCADDO	MAYOR, CITY OF SEAGRAVES	8063872013		
480240	SEMINOLE,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Gary Duncan	PUBLIC WORKS DIRECTOR	4327583621		mail@seminoletx.us
					CEO	BILL PRINCE	MAYOR	4327583676		tphillips@crosswind.net
	**** GALVESTON COUNTY ****									
481589	BAYOU VISTA, VILLAGE OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	J.B. Morein	FPA/Building Official	4099358348		booth53cajun@att.net
					CEO	Ed Flanagan	MAYOR	8327238695		
485461	CLEAR LAKE SHORES, CITY OF	PARTICIPATING	REVISED	04/04/83	FPA	Paul Shelley	FPA/City Administrator	2813342799		permits@clearlakeshores-tx.gov
					CEO	Vern Johnson	MAYOR	2813342799		citysecretary@clearlakeshores-tx.gov
480243	CRYSTAL BEACH, TOWN OF	DEFUNCT	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	JOHN SIMSON	DIR. - EMERGENCY MGMT.-GAL.CO.	2813095003		
481569	DICKINSON, CITY OF	PARTICIPATING	REVISED	03/04/91						
485468	FRIENDSWOOD, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Bo Mc Daniel				
					CEO	FRANK MANIGOLD	DEPUTY DIRECTOR	2819963285		FMANIGOLD@FRIENDSWOOD.COM
485470	GALVESTON COUNTY*	PARTICIPATING	REVISED	12/06/02	FPA	G.MICHAEL FITZGERALD	FLOODPLAIN ADMINISTRATOR	4097705549		
					CEO	JIM YARBROUGH	COUNTY JUDGE	4097662244		james.yarbrough@co.galveston.tx.us
485469	GALVESTON, CITY OF	PARTICIPATING	REVISED	12/06/02	FPA	David Ewald	FPA/Building Official	4097973500	3625	EwaldDav@cityofgalveston.org
					CEO	Steven A LeBlanc	City Manager	4097973520		leblancste@cityofgalveston.org
485479	HITCHCOCK, CITY OF	PARTICIPATING	REVISED	04/04/83	FPA	ROSE MARIE THEILER	FPA/City Secretary	4099865591		rosemarietheiler@aol.com
					CEO	LEE SANDER	MAYOR	4099865591		
481271	JAMAICA BEACH, VILLAGE OF	PARTICIPATING	REVISED	12/06/02	FPA	John Brick	City Administrator	4097371142		cityadmin@ci.jamaicabeach.tx.us
					CEO	Victor Pierson	Mayor	4097371142		cityadmin@ci.jamaicabeach.tx.us

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485481	KEMAH, CITY OF	PARTICIPATING	REVISED	04/04/83						
485486	LA MARQUE, CITY OF	PARTICIPATING	REVISED	02/16/83	FPA	Ana Tims	Building Official	4099389206		a.tims@ci.la-marque.tx.us
					CEO	LARRY CROW	MAYOR	4099389202		
485488	LEAGUE CITY, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Mark Stelly	BUILDING OFFICAL	2815541428		mstelly@leaguecity.com
					CEO	Toni Randall	MAYOR	2815541000		toni.randall@leaguecity.com
481562	SANTA FE, CITY OF	PARTICIPATING	REVISED	10/18/83						
485507	SEABROOK, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Sean Landis	Building Official	2812915690		slandis@ci.seabrook.tx.us
					CEO	Gary Renola	Mayor	2812915600		gtrenola@ci.seabrook.tx.us
485514	TEXAS CITY, CITY OF	PARTICIPATING	REVISED	05/04/92	FPA	Brian Falk	FPA/Building Official	4096435945		bfalk@texas-city-tx.org
					CEO	Matthew Doyle	MAYOR	4096435902		
481585	TIKI ISLAND, VILLAGE OF	PARTICIPATING	REVISED	11/01/85	FPA	Phil Hopkins	MAYOR	4099351427		
					CEO	Phil Hopkins	MAYOR	4099351427		TIKIISLAND@COMCAST.NET
	**** GARZA COUNTY ****									
481220	GARZA COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50						
480251	POST, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/01/85	FPA	Ric Walton				rwalton@postgarza.net
					CEO	DILBERT RUDD	INTERIM CITY MANAGER	8064952811		DRUDD@POSTGARZA.NET
	**** GILLESPIE COUNTY ****									
480252	FREDERICKSBURG, CITY OF	PARTICIPATING	REVISED	10/19/01	FPA	Wallace Britton	Floodplain Admin/Fire Marshal	8309977521		wbritton@fbgtx.org
					CEO	Jeryl Hoover	Mayor	8309977521		
480696	GILLESPIE COUNTY*	PARTICIPATING	REVISED	10/19/01	FPA	DWAYNE BOOS	FLOODPLAIN ADMINISTRATOR			
					CEO	DWAYNE C BOOS	FLOODPLAIN ADMINISTRATOR	8309978191		DBOOS@GILLESPIECOUNTY.ORG
	**** GLASSCOCK COUNTY ****									
481221	GLASSCOCK COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	W E Bednar	County Judge Glasscock County			
					CEO	WILBURN E BEDNAR	COUNTY JUDGE	4323542382		
	**** GOLIAD COUNTY ****									
480827	GOLIAD COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	ANDY TORRES	FLOODPLAIN ADMINISTRATOR	3616453337		
					CEO	HAROLD F GLEINSER	COUNTY JUDGE	3616453337		hgleinser@goliadcogovt.org
480828	GOLIAD, CITY OF	PARTICIPATING	ORIGINAL	08/19/86	FPA	C.J. SNIPES	City Administrator	3616453454	208	cityadmin@goliadtx.net
					CEO	William Schaefer	MAYOR, CITY OF GOLIAD	3616453454		

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	**** GONZALES COUNTY ****									
480253	GONZALES COUNTY *	PARTICIPATING	REVISED	11/20/98	FPA	JERRY AKERS, CFM	FLOODPLAIN ADMINISTRATOR	8306727642		jda@gvec.net
					CEO	David Bird	County Judge	8306722327		countycourt@gvec.net
480254	GONZALES, CITY OF	PARTICIPATING	ORIGINAL	06/15/79	FPA	SAMUEL F LEWIS	Code Enforcement Officer	8306722815		codeenforcement@cityofgonzales.org
					CEO	BOBBY G O'NEAL	MAYOR	8306722815		citymanager@cityofgonzales.org
481114	NIXON, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Jennifer Roberts	City Secretary	8305821924		nixsonutilities@gvpc.com
					CEO	Don Chessher	Mayor	8305821924		
481162	SMILEY, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Eloise Estes	City Secretary	8305876220		
					CEO	DONALD JANICEK	MAYOR	8305876220		
480255	WAELDER, CITY OF	PARTICIPATING	ORIGINAL	12/01/77	FPA	Avery Williams	FPA	8308571892		
					CEO	ROY TOVAR	Mayor	8307887331		
	**** GRAY COUNTY ****									
481222	GRAY COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Joe Millican	Emergency Management Coordinat	8066698007		joe.millican@cch.com
					CEO	Richard Peet	County Judge	8066698007		richard.peet@graycch.com
480256	LEFORS,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Lindy Forsyth	Floodplain Admininstrator	8068352200		cityfolefors@sbcglobal.net
					CEO	Mike Young	Mayor	8068352200		cityoflefors@sbcglobal.net
480257	MCLEAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	CHET BOHLER	CITY MANAGER	8067792481		
					CEO	Peggy Bear	Mayor	8067792481		mcleanch@centramedia.net
480258	PAMPA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	DONNY HOOPER	DIR OF PUBLIC WORKS	8066695750		dhooper@cityofpampa.org
					CEO	Lonny Robbins	Mayor	8066695750		cgardner@cityofpampa.org
	**** GRAYSON COUNTY ****									
480830	BELLS, TOWN OF	NOT PARTICIPATING	ORIGINAL	07/17/95						
					CEO	Shirely Mullinix	MAYOR	9039657744		mayor@bellstexas.com
480831	COLLINSVILLE, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	07/17/95	FPA	TROY VANNOY	OPERATIONS DIRECTOR			
					CEO	TROY VANNOY	FLOODPLAIN ADMINISTRATOR	9034296225		TVANNOY@COLLINSVILLETEXAS.OR
480259	DENISON, CITY OF	PARTICIPATING	REVISED	07/17/95						
481309	DORCHESTER, TOWN OF	NOT PARTICIPATING	ORIGINAL	07/17/95	FPA	ALICE STEWART	MAYOR, TOWN OF DORCHESTER	9034765862		
					CEO	ALICE STEWART	MAYOR	9034765862		alicestewart345@msn.com

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480829	GRAYSON COUNTY*	PARTICIPATING	REVISED	07/17/95	FPA	JERRY WHITE	Flood Plain Administrator	9038134247		
					CEO	DRUE BYNUM	COUNTY JUDGE	9038134228		
480832	GUNTER, TOWN OF	PARTICIPATING	REVISED	07/17/95						
					CEO	KEVIN PRICE	CODE ENFORCER	9034335185		KPRICE203@HOTMAIL.COM
480833	HOWE, TOWN OF	PARTICIPATING	REVISED	07/17/95	FPA	David Wortham	FPA			
					CEO	David Wortham	PUBLIC WORKS DIRECTOR	9035325571		CITYOFHOWE@VERIZON.NET
481622	POTTSBORO, TOWN OF	PARTICIPATING	REVISED	07/17/95	FPA	FRANK BUDRA	MAYOR, TOWN OF POTTSBORO	9037862281	3	dsmith@totalnet.us
					CEO	FRANK BUDRA	MAYOR, TOWN OF POTTSBORO	9037862281	3	dsmith@totalnet.us
481160	SADLER, TOWN OF	NOT PARTICIPATING	REVISED	07/17/95	FPA	JAIMIE HARRIS	MAYOR, TOWN OF SADLER	9035649607		
					CEO	JAIMIE HARRIS	MAYOR, TOWN OF SADLER	9035649607		cityofsadler@texoma.net
485509	SHERMAN, CITY OF	PARTICIPATING	REVISED	07/17/95	FPA	JIM SHANKLES	CITY ENGINEER	9038927210		jims@ci.sherman.tx.us
					CEO	BILL MAJORS	MAYOR, CITY OF SHERMAN	9038927206		
481163	SOUTHMAYD, TOWN OF	NOT PARTICIPATING	REVISED	07/17/95	FPA	DANIEL PEPE	MAYOR, TOWN OF SOUTHMAYD	9038689420		Southmaydtx@graysoncable.com
					CEO	DANIEL PEPE	MAYOR, TOWN OF SOUTHMAYD	9038689420		
481624	TIOGA, TOWN OF	PARTICIPATING	REVISED	07/17/95	FPA	STANLEY KEMP	MAYOR, TOWN OF TIOGA	9404372351		
					CEO	STANLEY KEMP	MAYOR, TOWN OF TIOGA	9404372351		
481621	TOM BEAN, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	SHERRY HOWARD	MAYOR, CITY OF TOM BEAN	9035466321		
					CEO	SHERRY HOWARD	MAYOR, CITY OF TOM BEAN	9035466321		
481620	VAN ALSTYNE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/02/09	FPA	JERRY DAVIS	Public Works Director	9034825250		
					CEO	Ruth Ann Collins	MAYOR, TOWN OF VAN ALSTYNE	9034825426		
481623	WHITESBORO, CITY OF	NOT PARTICIPATING	REVISED	07/17/95	FPA	W.D. WELCH	MAYOR, CITY OF WHITESBORO	9035643311		
					CEO	W.D. WELCH	MAYOR, CITY OF WHITESBORO	9035643311		
480839	WHITEWRIGHT, TOWN OF	PARTICIPATING	REVISED	07/17/95						
	**** GREGG COUNTY ****									
480535	CLARKSVILLE CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/09	FPA	Billy Silvertooth	FPA	9038452681		citymgr@suddenlinkmail.com
					CEO	Larry Allen	Mayor	9038452681		citymgr@suddenlinkmail.com
481145	EASTON, VILLAGE OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/89	FPA	WILLIS SAMMONS	MAYOR	9036432013		easton@etinternet.com
					CEO	WILLIS SAMMONS	MAYOR	9036432013		easton@etinternet.com
480262	GLADEWATER, CITY OF	PARTICIPATING	ORIGINAL	01/16/81	FPA	J Stokes	FPA	9038452196		
					CEO	Walter Derrick	Mayor	903845219		

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								6		
480261	GREGG COUNTY *	PARTICIPATING	ORIGINAL	01/03/90	FPA	Mike Bills	Building Superintendent	9032372657		
					CEO	BILL STOUDT	COUNTY JUDGE	9032362657		MBills@co.gregg.tx.us
480263	KILGORE, CITY OF	PARTICIPATING	REVISED	08/16/96	FPA	MIKE GREEN	FLOODPLAIN ADMINISTRATOR			
					CEO	BJ OWEN	DIR OF SPECIAL SERVICES	9039845081		B.J.OWEN@CITYOFKILGORE.COM
480264	LONGVIEW, CITY OF	PARTICIPATING	REVISED	05/18/99	FPA	Alton E Bradley	Floodplain Adm	9032371053		madas@ci.longview.tx.us
					CEO	Jay Dean	Mayor, City of Longview	9032371021		
480840	WARREN CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/03/85	FPA	Violet Melton				
					CEO	Ricky Wallace	Mayor			
480841	WHITE OAK, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/89	FPA	RALPH WEAVER	City Coordinator			
					CEO	CHARLES R SMITH	City Coordinator	9037593936		SMITH100@SUDDENLINKMAIL.COM
	**** GRIMES COUNTY ****									
481173	GRIMES COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/88	FPA	Scott McKinney	FPA/City Administrator	9368734436		scott.mckinney@co.grimes.tx.us
					CEO	Betty S Shiflett	COUNTY JUDGE	9368732111		Bettyshiflett@CO.GRIMES.TX.US
480265	NAVASOTA, CITY OF	PARTICIPATING	REVISED	02/04/88	FPA	James Ward	Building Official	9368256450		jward@navasotatx.gov
					CEO	James Ward	Building Official	9368256450		JWARD@NAVASOTATX.GOV
	**** GUADALUPE COUNTY ****									
480267	CIBOLO, CITY OF	PARTICIPATING	REVISED	11/02/07	FPA	Todd Parton	City Manager/Floodplain Admin			
					CEO	Johnny Sutton	Mayor, City of Cibolo			
480266	GUADALUPE COUNTY *	PARTICIPATING	REVISED	11/02/07	FPA	Jimmy Harless	Assist. Director	8303034188	269	
					CEO	LARRY TIMMERMANN	FLOODPLAIN ADMINISTRATOR	8303799721		LARRY@CO.GUADALUPE.TX.US
480268	MARION, CITY OF	PARTICIPATING	REVISED	11/02/07	FPA	RANDY SCHWENN	PUBLIC WORKS DIRECTOR			
					CEO	RANDY SCHWENN	Bldg. Inspector	8309142391		RSchwenn@cityofmariontx.org
481625	NEW BERLIN, CITY OF	PARTICIPATING	REVISED	11/02/07						
485493	NEW BRAUNFELS, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	Robert Kinsey	Building Official	8302214060		
					CEO	BRUCE BOYER	MAYOR	8306256511		mayor@nbtexas.org
480013	SANTA CLARA, CITY OF	PARTICIPATING	ORIGINAL	11/02/07	FPA	David D Mueller	Mayor	8309142381		davidd.mueller@sbcglobal.net
					CEO	DAVID d MUELLER	MAYOR	8309142381		davidd.mueller@sbcglobal.net
480269	SCHERTZ, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	Jimmy E Hooks	Superintendent of public works	2106587477		jhooks@schertz.com
					CEO	Harold Baldwin	MAYOR	2106587477		mayor@schertz.com

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
485508	SEGUIN, CITY OF	PARTICIPATING	REVISED	11/02/07	FPA	GILBERT DURANT	BLDG OFFC/FLOODPLAIN ADMIN			
					CEO	GERALD BODIN	BLDG OFFC/FLOODPLAIN ADMIN	8304012436		BUILDINGOFFICIAL@CI.SEGUIN.TX.U
480046	SELMA, CITY OF	PARTICIPATING	REVISED	09/02/09						
481132	ST. HEDWIG, CITY OF	PARTICIPATING	ORIGINAL	06/18/07						
	**** HALE COUNTY ****									
480271	ABERNATHY, CITY OF	PARTICIPATING	REVISED	09/28/07	FPA	Mike Cypert	FPA			
					CEO	Mike Cypert	CITY MANAGER	8062982968		CITYMGR@CITYOFABERNATHY.ORG
480272	EDMONSON, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Franklin Bain	FPA	8068643396		
					CEO	Wendell Edmondson	Mayor	8068643396		
480273	HALE CENTER, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Joshua Jones	City Manager	8068392411		halecenter@sbcglobal.net
					CEO	Eugene Carter	MAYOR	8068392411		halecenter@sbcglobal.net
481223	HALE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/88	FPA	Marvin Sistrunk	Floodplain Admin			
					CEO	Marvin Sistrunk	Floodplain Manager	8062915284		sistrunk@halecounty.org
480274	PETERSBURG, CITY OF	NOT PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Marie Parr	City Manager	8066673461		mpctypbg@valornet.com
					CEO	Darren Green	Mayor	8066673461		ctypbg@valornet.com
480275	PLAINVIEW, CITY OF	PARTICIPATING	REVISED	06/18/90	FPA	Mike Gilliland	Public Works	8062961107		mgilliland@ci.plainview.tx.us
					CEO	John C Anderson	Mayor	8062961107		jjeffers@ci.plainview.tx.us
	**** HALL COUNTY ****									
480277	ESTELLINE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	11/08/74	FPA	TOM SEAY - MAYOR		8068883781		
					CEO	DAVID WALKER	MAYOR	8068881212		estelline@arn.net
480276	HALL COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Jack Martin	County Judge			
					CEO	JACK MARTIN	COUNTY JUDGE	8062592511		CJHALL@AMAONLINE.COM
480278	LAKEVIEW, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	12/06/74	FPA			8068672111		
					CEO	KELLY CLARK	MAYOR	8068672111		
480279	MEMPHIS, CITY OF	PARTICIPATING	ORIGINAL	05/02/83	FPA	Nelwyn Ward	City Secretary			
					CEO	JOE DAVIS	MAYOR	8062593001		
480280	TURKEY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/15/85	FPA	jerry landy	manager	8064231033		Cturkey@caprock-spur.com
					CEO	PAT CARSON	MAYOR	8064231033		cturkey@caprock-spur.com
	**** HAMILTON COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480842	HAMILTON COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Randy Mills	COUNTY JUDGE	2543863815		countyjudge@hamiltoncountytx.org
					CEO	FRED COX	COUNTY JUDGE	8173863815		
480281	HAMILTON, CITY OF	PARTICIPATING	REVISED	09/04/91	FPA	John Ratliff	Building Inspector			
					CEO	John Ratliff	COMMUNITY DEVELOPMENT DIR	2543868116		CODE@CI.HAMILTON.TX.US
480843	HICO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/07						
	**** HANSFORD COUNTY ****									
481104	GRUVER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/15/85	FPA	LINDA WELLER	CITY MANAGER	8067332424		LWELLER@GRUVER.NET
					CEO	MARK IRWIN	MAYOR	8067332424		
481224	HANSFORD COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
480282	SPEARMAN, CITY OF	PARTICIPATING	ORIGINAL	09/04/87						
	**** HARDEMAN COUNTY ****									
481202	CHILLICOTHE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/18/75	FPA	WALLACE CLAY	MAYOR	9408525211		NONE
					CEO	WALLACE CLAY	MAYOR	9408525211		NONE
480844	HARDEMAN COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Ronald E Ingram	County Judge			
					CEO	KENNETH MCNABB	COUNTY JUDGE	9406632901		
480283	QUANAH, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/24/82						
	**** HARDIN COUNTY ****									
480284	HARDIN COUNTY *	PARTICIPATING	REVISED	04/17/96	FPA	Esther Scarborough	FPA			
					CEO	ESTHER SCARBOROUGH	FPA	4092465251		ESTHER.SCARBOROUGH@CO.HARDIN.TX.US
480845	KOUNTZE, CITY OF	PARTICIPATING	REVISED	04/17/96	FPA	Kim McDaniel	City Secretary			
					CEO	JEFFREY L LaCOMB	City Secretary	4092463463		jlkch@sbcglobal.net
481111	LUMBERTON, CITY OF	PARTICIPATING	REVISED	04/17/96	FPA	Steve P Clark	City Manager	4097550031	148	sclark@gtbizclass.com
					CEO	Don Surratt	Mayor	4097553700		
480846	ROSE HILL ACRES, CITY OF	PARTICIPATING	REVISED	04/17/96	FPA	Rick Thomisee	FPA	4097554940		rlthomisee@hotmail.com
					CEO	Rick L Thomisee	MAYOR	4096566550		mystormyknight@yahoo.com
480285	SILSBEE, CITY OF	PARTICIPATING	REVISED	04/17/96	FPA	Tommy Bartosh	Emerg. Mgmt. Coord. & FPA			
					CEO	CHARLES T Bartosh	Emerg. Mgmt. Coord. & FPA	4093852863		CITYMANAGER@CITYOFSILSBEE.CO

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480286	SOUR LAKE, CITY OF	PARTICIPATING	REVISED	04/17/96						
	**** HARRIS COUNTY ****									
485456	BAYTOWN, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Cruz Hernandez	Chief Building Official	2814205393		cruz.hernandez@baytown.org
480289	BELLAIRE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Lee Cabello	Building Official	7136628237		lcabello@ci.bellaire.tx.us
					CEO	Cindy Siegel	Mayor	7136628230		csiegel@ci.bellaire.tx.us
480290	BUNKER HILL VILLAGE, CITY OF	PARTICIPATING	REVISED	06/18/07						
481568	CHELFORD M.U.D., CITY	PARTICIPATING	REVISED	11/07/01	FPA	Raymond J Anderson, P.E.	Manager of Permits	7139563020		
					CEO	JOHN GARDNER	PRESIDENT	7136510111		lrowlett@coatsrose.com
485460	CLEAR LAKE CITY, CITY OF	DEFUNCT	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
480291	DEER PARK, CITY OF	PARTICIPATING	REVISED	06/18/07						
485466	EL LAGO, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	S. Richard Smith	Floodplain Administrator	2813261951		s.r.smith@usa-spaceops.com
					CEO	BRAD EMEL	MAYOR	2813261951		
485468	FRIENDSWOOD, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Bo Mc Daniel				
					CEO	FRANK MANIGOLD	DEPUTY DIRECTOR	2819963285		FMANIGOLD@FRIENDSWOOD.COM
480293	GALENA PARK, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Margaret Stevens	City Secretary			
					CEO	LOU SAVYRES	EMC	8327258954		JCCHIEF@PDU.NET
480691	HARRIS CO. WATER CONTROL	DEFUNCT	NEVER MAPPED	01/01/50						
480287	HARRIS COUNTY*	PARTICIPATING	REVISED	06/18/07	FPA	Raymond Anderson, P.E.	Permits Office Manager	7139563020		randerson@eng.hctx.net
					CEO	Edward M Emmett	County Judge	7137554000		judge.emmett@cjo.hctx.net
480294	HEDWIG VILLAGE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Sonja Palermo	Asst. City Secretary			
					CEO	Beth Staton	Asst. City Secretary	7134656009		admin@thecityofhedwigvillage.com
480295	HILSHIRE VILLAGE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Harry Walker	Senior Project Manager	7136229264		hwalker@claunchmiller.com
					CEO	EDWARD DAVIS	MAYOR	7139731779		hilviltx@swbell.net
480296	HOUSTON, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Mark L Loethen	City Engineer	7135357666		mark.loethen@cityofhouston.net
					CEO	Annise D Parker	MAYOR	7138370311		
480297	HUMBLE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Rick Martinez	Building Official	2814463061		
					CEO	Donald McMannes	Mayor	2814463061		mmartin@cityofhumble.net

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480298	HUNTER'S CREEK VILLAGE, CITY	PARTICIPATING	REVISED	06/18/07	FPA	BOBBY DEDEN, P.E.	CITY ENGINEER	7134618822		cityofhunterscreek@pdq.net / RTDEDEN@swbell.net
					CEO	STEPHEN REICHEK	MAYOR	7134652150		cityofhunterscreek@pdq.net
480299	JACINTO CITY, CITY OF	PARTICIPATING	REVISED	06/18/07						
480300	JERSEY VILLAGE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Danny Segundo	DIRECTOR OF PUBLIC WORKS			
					CEO	Danny Segundo	CFM	7134662107		DSEGUNDO@CI.JERSEY-VILLAGE.TX.US
480301	KATY, CITY OF	PARTICIPATING	REVISED	02/18/09						
481567	KINGSBRIDGE M.U.D.	PARTICIPATING	REVISED	11/07/01	FPA	David e Miller, PE	District Engineer	2814978700		maengr@swbell.net
					CEO	ROBERT C SHINDLER, JR	PRESIDENT	7132371221		ajohnson@publiclaw.com
485487	LA PORTE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Jeff Suggs	FLOODPLAIN ADMINISTRATOR	2816399258		suggsj@laportetx.gov
					CEO	ALTON PORTER	MAYOR	2814715020		portera@ci.la-porte.tx.us
485488	LEAGUE CITY, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Mark Stelly	BUILDING OFFICAL	2815541428		mstelly@leaguecity.com
					CEO	Toni Randall	MAYOR	2815541000		toni.randall@leaguecity.com
480303	LOMAX, CITY OF	DEFUNCT	NEVER MAPPED	01/01/50	FPA	J.J. MEZA	MAYOR	7134715020		
					CEO	J.J. MEZA	MAYOR	7134715020		
481578	MISSION BEND M.U.D. #1	PARTICIPATING	REVISED	11/07/01	FPA	Jolie Kraft	Dist. Engineer	7139560042		jkraft@vandewiele-eng.com
					CEO	HERB MCDONALD, JR	PRESIDENT	7138606406		lhumphries@velaw.com
481686	MISSION BEND M.U.D. #2	NOT A NFIP COMMUNITY	REVISED	04/20/00	FPA	Raymond J Anderson	Manager of Permits	7139563020		nscholes@vandewiele-eng.com
					CEO	HERB MCDONALD	C/O VINSON & ELKINS	7137582096		NONE
480304	MISSOURI CITY, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Ms. Jing Chen	Asst. City Engineer	2814038580		jchen@missouricitytx.gov
					CEO	ALLEN OWEN	MAYOR	2812618500		aowen@missouricitytx.gov
480305	MORGANS POINT, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	JOSEPH A EDWARDS	BUILDING OFFICIAL	7135033987		JEDWARDS7@SBLGLOBAL.NET
					CEO	PATRICA CRIMES	MAYOR	2814712171		
485491	NASSAU BAY, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA			2813334211		
					CEO	Don Matter Matter	Mayor	2813332733		mayor@nassaubay.com
480307	PASADENA, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	ROBIN GREEN	ASST. TO THE MAYOR- PUB WORKS	7134757836		RGREEN@CI.PASADENA.TX.US
					CEO	JOHN Isbell	MAYOR	7134755501		
480077	PEARLAND, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Narciso Lira	City Engineer	2816521649		nlira@ci.pearland.tx.us
					CEO	TOM REID	MAYOR	2816521654		council@ci.pearland.tx.us
480308	PINEY POINT VILLAGE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Annette Arriaga	Building Official	7137820271		annette@pineypt.org
					CEO	Lorena Briel	City Administrator	7137820271		lbriel@pineypt.org

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485507	SEABROOK, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Sean Landis	Building Official	2812915690		slandis@ci.seabrook.tx.us
					CEO	Gary Renola	Mayor	2812915600		gtrenola@ci.seabrook.tx.us
485510	SHOREACRES, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	David Stall	City Administrator/FPA	2814712244		administrator@cityofshoreacres.us
					CEO	Jaye Washington	Mayor	2814712244		
480311	SOUTH HOUSTON,CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Tommy Savell	Codes & Emergency Managment	7139477700	321	savell@netzero.com
					CEO	Joe Soto	MAYOR	7139477700	301	
480312	SOUTHSIDE PLACE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	DAVID N MOSS	CITY MANAGER	7136682341	13	citymgr@southside-place.org
					CEO	RICHARD L ROTHFELDER	MAYOR	7136682341		
480313	SPRING VALLEY, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Harry Walker	Senior Project Manager	7136229264		hwalker@claunchmiller.com
					CEO	MIKE ANDREWS	MAYOR	7134658308		mayor@springvalleytx.com
480233	STAFFORD, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Lawrence Vaccaro	director of public works			
					CEO	Lawrence Vaccaro JR	director of public works	2812613921		VACCARO@CITYOFSTAFFORD.COM
485513	TAYLOR LAKE VILLAGE, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Latane Lamb	Floodplain Administrator	2813262843		bldg@tlv-tx.us
					CEO	NATALIE O'NEILL	MAYOR	2813262843		mayor@ci.taylor-lake-village.tx.us
480315	TOMBALL, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Mark McClure McClure	Director of Eng. & Planning	2812901412		
					CEO	H. G. HARRINGTON	MAYOR	2813515484		
480641	WALLER, CITY OF	PARTICIPATING	REVISED	02/18/09						
485516	WEBSTER, CITY OF	PARTICIPATING	REVISED	06/18/07						
481602	WEST KEEGANS BAYOU	PARTICIPATING	REVISED	11/07/01	FPA	Melinda j Garza	Engineer	7132673151		melinda.garza@aecom.com
					CEO	SANDRA WEIDER	DISTRIC PRESIDENT	2815302453		weidersj@juno.com
480318	WEST UNIVERSITY PLACE, CITY	PARTICIPATING	REVISED	06/18/07	FPA	John R Brown	Chief Building Official	7136625830		jbrown@westu.org
					CEO	John R Brown	Chief Building Official	7136625830		jbrown@westu.org
481603	WILLOW FORK DRAINAGE	PARTICIPATING	REVISED	11/07/01	FPA	Raymond J Anderson , PE	Manager of Permits	7139563020		
					CEO	Larry J Mueller, P.E.	Project Director			larry.mueller@tcb.aecom.com
	**** HARRISON COUNTY ****									
480848	HALLSVILLE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	04/30/76	FPA	Greg Scott	Chief of Police	9036682313		
					CEO	T. Bynum Hatley	Mayor	9036682313		
480847	HARRISON COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA		Harrison County Env. Health			

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480264	LONGVIEW, CITY OF	PARTICIPATING	REVISED	05/18/99	FPA	Alton E Bradley	Floodplain Adm	9032371053		madas@ci.longview.tx.us
					CEO	Jay Dean	Mayor, City of Longview	9032371021		
480319	MARSHALL, CITY OF	PARTICIPATING	REVISED	08/05/97	FPA	Frank Johnson	City Manager	9039354418		fjohnson@marshalltexas.net
					CEO	William Power	Mayor, City of Marshall	9039354400		
481161	SCOTTSVILLE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	12/10/76	FPA	Walter Johnson	Mayor, Town of Scottsville	9039381971		
					CEO	Walter Johnson	Mayor	9039381971		
480849	UNCERTAIN, CITY OF	DEFUNCT	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA			9037893443		
481559	UNCERTAIN, TOWN OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Phyl Oxman	City Secretary	9037893443		mayor@cityofuncertain.com
					CEO	Sam Canup	Mayor	9037893443		stoveman@att.net
480850	WASKOM, CITY OF	PARTICIPATING	NEVER MAPPED	10/29/76	FPA	Jesse Moore	Mayor	9036873374		jmoore@eastex.net
					CEO	Jesse Moore	Mayor	9036873374		cityofwaskom@eastex.net
	**** HARTLEY COUNTY ****									
481139	CHANNING, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			8062353778		
					CEO	LESLIE KISTNER	MAYOR	8062353106		
480164	DALHART, CITY OF	PARTICIPATING	REVISED	02/06/91						
481225	HARTLEY COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA		COUNTY JUDGE	8062353442		
					CEO	RONNIE GORDON	COUNTY JUDGE	8062353442		
	**** HASKELL COUNTY ****									
480851	HASKELL COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/15/85	FPA	DAVID C DAVIS	COUNTY JUDGE	9408642851		cojudge@co.haskell.tx.us
					CEO	DAVID C DAVIS	COUNTY JUDGE	9408642851		NONE
480320	HASKELL,CITY OF	PARTICIPATING	ORIGINAL	09/18/87	FPA	BRANDON ANDERSON	CITY MANAGER	9408642355		citymanager@wtconnect.com
					CEO	KEN LANE	MAYOR	9408642597		ken@kvrp.com
480852	O'BRIEN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/07	FPA	Isabel Diaz	City Secretary			
					CEO	CHARLENE BROTHERS	MAYOR	9406573428		
480853	ROCHESTER, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	RON TOWNSEND	MAYOR	9407433341		
					CEO	MARVIN STEGEMOELLER	MAYOR	9407433341		rochester@westex.net
480854	RULE, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	CARLA MARQUIS	CITY SECRETARY			
					CEO	TERESA STRYKER	CITY SECRETARY	9409962210		RULECITY@SRCACCESS.NET

Federal Emergency Management Agency
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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480855	WEINERT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	11/12/76	FPA			9406732191		
					CEO	JULIAN ESTRADA	MAYOR	9406738223		
	**** HAYS COUNTY ****									
481679	BEAR CREEK, VILLAGE OF	PARTICIPATING	REVISED	09/02/05	FPA	KATHRYN ROSENBLUM	CITY SECRETARY	5123013213		
					CEO	Bruce Upham	Mayor	5123013213		
481640	BUDA, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	Stanley Fees	City Engineer	5123120084		
					CEO	Bobby Lane	Mayor	5123120084		blane@ci.buda.tx.us
481667	DRIPPING SPRINGS, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/02/05	FPA	TODD PURCELL	MAYOR			
					CEO	TODD PURCELL	Development Coordinator	5128584699		jthompson@cityofdrippingsprings.com
480321	HAYS COUNTY*	PARTICIPATING	REVISED	09/02/05	FPA	Tom Pope	Floodplain Administrator			
481669	HAYS, CITY OF	NOT PARTICIPATING	ORIGINAL	09/02/05	FPA		MAYOR	5122954792		
					CEO	JOLEEN B BROWN	MAYOR	5122954792		
481108	KYLE, CITY OF	PARTICIPATING	REVISED	09/02/05						
481671	MOUNTAIN CITY, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	LaVERNE McCLENDON	MAYOR	5122689100		lmcclendon@austin.rr.com
					CEO	LaVERNE McCLENDON	MAYOR	5122689100		lmcclendon@austin.rr.com
481670	NIEDERWALD, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	ED MOORE	CITY ENGINEER/FPA	5124420377		emoore@mooregroup.net
					CEO	Reynell Smith	MAYOR	5123986338		mayorrik@ev1.net
485505	SAN MARCOS, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	Kathy Woodlee	Floodplain Administrator	5128052634		
					CEO	Susan Narvaiz	Mayor	5123938000		
481668	UHLAND, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	KAREN GALLAHER	CITY SECRETARY	5123986739		
					CEO	Daniel Heideman	Mayor	5123987399		
481694	WIMBERLEY, VILLAGE OF	PARTICIPATING	REVISED	09/02/05	FPA	Robert Ronson	Assistant to City Administratr			
					CEO	Abby Gillfillan	Planning Technician	5128470025		agillfillan@anvilcom.com
481641	WOODCREEK, CITY OF	PARTICIPATING	REVISED	09/02/05	FPA	Frank Wood	FPA	5128479390		citywdck@wimberley-tx.com
					CEO	Henry Haggerton	MAYOR	5128479390		citywoodcreek@yahoo.com
	**** HEMPHILL COUNTY ****									
480323	CANADIAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/88	FPA	TERRY COUT SOUTH	CITY SECRETARY	8063236473		cityhall@yfp.net
					CEO	PATTY FULCHER	MAYOR	8063236473		cityhall@yfp.net
481226	HEMPHILL COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	BOB GOBER	COUNTY JUDGE	8063236521		bgober@yft.net
					CEO	BOB GOBER	COUNTY JUDGE	806323652		bgober@yft..net

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								1		
	**** HENDERSON COUNTY ****									
480324	ATHENS, CITY OF	PARTICIPATING	REVISED	04/05/10	FPA	Gary Crecelius	Director Planning and Developm	9036776615		gcrecelius@athenstexas.us
					CEO	Randy Daniel	MAYOR	9036755131		
481541	BERRYVILLE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	Roy Brown	Mayor	9038763763		cberryville@dctexas.net
					CEO	ROY BROWN	MAYOR	9038763763		cherryville@aol.com
480325	BROWNSBORO, CITY OF	SUSPENDED	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	J.D. JONES		9038522401		
					CEO	Ronny K Harris	Mayor			ssfoster@flash.net
481550	CANEY CITY, CITY OF	NOT PARTICIPATING	REVISED	04/05/10	FPA	JOE BARRON	MAYOR	9034891844		
					CEO	JOE BARRON	MAYOR	9034891844		
480326	CHANDLER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	Jim Moffit	City Manager	9038496853		skparmer@chandlertx.com
					CEO	JOYE RAINS	MAYOR	9038496853		
481507	COFFEE CITY, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA			9038763414		
					CEO	RUTHIE SEWARD	MAYOR	9038763414		angel32562@earthlink.net
481634	ENCHANTED OAKS, TOWN OF	PARTICIPATING	REVISED	04/05/10	FPA	JOHN GEE	COUNCILMAN			
					CEO	D WARNER	COUNCILMAN	9034512222		ENCHANTEDOACKS@EARTHLINK.N
480327	EUSTACE, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	Drew Haynes	City Secretary	9034254702		dhaynes@cityofeustace.com
					CEO	SUE JANUARY	MAYOR	9034254702		cityofeustace@earthlink.net
480328	GUN BARREL CITY, CITY OF	PARTICIPATING	REVISED	04/05/10						
481174	HENDERSON COUNTY*	PARTICIPATING	REVISED	04/05/10	FPA	Joy A Kimbrough	EMC	9036777242		JKimbrough@CO.HENDERSON.TX.US
					CEO	DAVID HOLSTEIN	COUNTY JUDGE	9036756120		
481635	LOG CABIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA		Mayor	9034892195		
					CEO	Billy Goodwin	Mayor, City of Log Cabin	9034892195		logcabincity@embarqmail.com
480414	MABANK, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	LOUANN CONFER	CITY ADMINISTRATOR	9038873241		NONE
					CEO	LOUANN CONFER	CITY ADMINISTRATOR	9038873241		NONE
480329	MALAKOFF, CITY OF	PARTICIPATING	REVISED	04/05/10	FPA	Timothy W Whitley	Administator	9034890699		timwhitley@live.com
					CEO	Timothy W Whitley	Director of Public Works	9034890699		timwhitley@live.com
481553	MOORE STATION, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA		MAYOR	9038523431		
					CEO	ARTHUR EARL	MAYOR	9038527383		

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480330	MURCHISON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	Pam Tudford	Secretary	9034693710		
					CEO	Mike Hill	MAYOR	9034693710		murchisontx@earthlink.net
481555	PAYNE SPRINGS, CITY OF	PARTICIPATING	REVISED	04/05/10	FPA	RODNEY RENBERY	Mayor - Pro	9034519229		payenspringstx@aol.com
					CEO	RODNEY RENBERG	Mayor Pro	9034519229		paynespringstx@aol.com
480331	POYNOR, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA		MAYOR	9038763990		
					CEO	DANNIE SMITH	MAYOR	9038763990		
480332	SEVEN POINTS, CITY OF	PARTICIPATING	REVISED	04/05/10	FPA	Debbie Mosley	City Secretary			sevenpoints2@wmconnect.com
					CEO	Debbie Mosley	City Secretary	9034324610		
481633	STAR HARBOR, CITY OF	PARTICIPATING	REVISED	04/05/10	FPA	Richard Koziol		9034890091		honie73@aol.com
					CEO	Duane Smith	Mayor	9034890544		starharobor@embargmail.com
481532	TOOL, CITY OF	PARTICIPATING	REVISED	04/05/10	FPA	Mike Black	Mayor	9034323522		tooladmin@enbargmail.com
					CEO	Mike Black	MAYOR	9034323522		tooladmin@embargmail.com
480333	TRINIDAD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	WILLIAM LUNDY	MAYOR			
					CEO	TERRI NEWHOUSE	CITY ADMIN	9037782525		CITYOFTRINIDAD@EMBARQMAIL.COM
	**** HIDALGO COUNTY ****									
480335	ALAMO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/25/79	FPA		Floodplain Administrator			
					CEO	LUCIANO OZUNA	CITY MANAGER	9567870006		OzunaJr@aol.com
481571	ALTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/08/82	FPA	Steve Pena	Assistant City Manager	9564320760	106	
					CEO	Salvador Vela	Mayor	9564320760		
480336	DONNA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	Leandro Villarreal	Planning Director	9564643314		lvillarreal3467@hotmail.com
					CEO	David Simmons	MAYOR	9564643314		
480337	EDCOUCH, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Maria Ayala	CITY Secretary			
					CEO	DELMINA OLIVANEZ	CITY MANAGER	9562622140		EDCITYMANAGER@YAHOO.COM
480338	EDINBURG,CITY OF	PARTICIPATING	REVISED	06/06/00	FPA	ABEL BELTRAN	ENGINEERING SUBDIVISION COORDI	9562922088		abeltran@ci.edinburg.tx.us
					CEO	JOE OCHOA	MAYOR, CITY OF EDINBURG	9563835661		NONE
480339	ELSA, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Paul Valzaldua	CITY MANAGER	9562622127		
					CEO	Senovio Castillo	MAYOR	9562622127		
480334	HIDALGO COUNTY *	PARTICIPATING	REVISED	06/06/00	FPA	GODFREY GARZA, JR.	DRAINAGE DISTRICT MANAGER	9562927080		g.g@hcdd1.org
					CEO	Rene Ramirez	COUNTY JUDGE	9563182600		jd.salinas@co.hidalgo.tx.us

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480340	HIDALGO, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	01/01/92						
480341	LA JOYA, CITY OF	PARTICIPATING	ORIGINAL	07/16/79	FPA	LEOPOLDO OBREGON	PUBLIC WORKS DIRECTOR	9565817113		cityoflajoya@aol.com
					CEO	MIKE ALANIZ	CITY ADMINISTRATOR	9565817113		cityoflajoya@aol.com
480342	LA VILLA, CITY OF	PARTICIPATING	ORIGINAL	06/15/78	FPA	Wilfredo Matta	City Administrator	9562622122		wmata_lv@yahoo.com
					CEO	Hector Elizondo	MAYOR	9562622122		
480343	MCALLEN, CITY OF	PARTICIPATING	REVISED	11/02/82						
480344	MERCEDES, CITY OF	PARTICIPATING	ORIGINAL	07/16/79	FPA	MICHELLE R LEFTWICH	ASSISTANT CITY MANAGER	9565653114		mleftwich@ci.mercedes.tx.us
					CEO	JOEL QUINTANILLA	MAYOR	9565653114		
480345	MISSION, CITY OF	PARTICIPATING	REVISED	11/20/91	FPA	ROBERT SALINAS	FLOODPLAIN ADMINISTRATOR	9565808674		
					CEO	SERGIO ZAVALA	PLANNING DIRECTOR	9565808672		MISSIONPLANNING@YAHOO.COM
480346	PALMHURST, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Lori A Lopez	City Manager	9565838697		llopez@bizrgv.rr.com
					CEO	Ramiro Rodriguez	Mayor	9565838697		
481656	PALMVIEW, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	David Nacianceno	Code Enforcement	9564320300		dnacianceno@cityopalmview.us
					CEO	JORGE G GARCIA	MAYOR	9564320300		
480347	PHARR, CITY OF	PARTICIPATING	REVISED	10/19/82	FPA	CELAN MAGELLAN	BUILDING INSPECTOR	9567025356	151	NONE
					CEO	LEO POLO-PALACIOS	MAYOR	9567025335		NONE
481677	PROGRESO, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	ALFREDO ESPINOSA	CITY ADMINISTRATOR			
					CEO	OMAR VELA	MAYOR	9565650241		progresocityhall@acnet.net
480348	SAN JUAN, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Emilio Garcia	PLANNING DIRECTOR	9567026408		egarcia@cityofsanjuantexas.com
					CEO	Emilio Garcia	PLANNING DIRECTOR	9567026408		egarcia@cityofsanjuantexas.com
480349	WESLACO, CITY OF	PARTICIPATING	ORIGINAL	03/04/80	FPA	George Garrett	PLANNING &CODE ENFORCEMENT DIR	9569680367		
					CEO	Buddy De La Roasa	Mayor	9569683181		
	**** HILL COUNTY ****									
480858	ABBOTT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Robert Tufts	Mayor	2545823911		
					CEO	ROBERT L TUFTS	MAYOR	2545823911		
480350	BLUM,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Elaine Edwards	Mayor			
					CEO	MELISSA THOMAS	CITY SECRETARY	2548745722		CITYOFBLUM@WINDSTREAM.NET
481308	BYNUM,CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	Dewy J West	MAYOR	254623440		

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								0		
481511	COVINGTON, CITY OF	NOT PARTICIPATING	NEVER MAPPED	04/17/79						
					CEO	Chad Wallsworth	MAYOR	2548542373		telkins1@alltel.net
480857	HILL COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/08	FPA	MIKE WATSON	PUBLIC WORKS DIRECTOR	2545820409		
					CEO	JUSTIN W LEWIS	COUNTY JUDGE	2545824020		COUNTYJUDGE@CO.HILL.TX.US
480351	HILLSBORO, CITY OF	PARTICIPATING	ORIGINAL	09/30/80						
480859	HUBBARD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/01/85	FPA	Alfredo Saldana	CITY MANAGER	2545762576		
					CEO	Alfredo Saldana	CITY MANAGER	2545762576		
480860	ITASCA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/06/82	FPA	MARK GROPP	CITY ADMINISTRATOR	2546872201		
					CEO	Matt Fehnel	MAYOR	2546872201		
480861	MALONE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/89	FPA	Ovi Kettler	MAYOR	2545332261		cityofmalone@interlinkcc.com
					CEO	Ovi Kettler	mayor	2545332261		cityofmalone@interlinkcc.com
480862	MERTENS, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/91	FPA	Barbera Crass	Emergency Manager	2155009581		
					CEO	Joey Watson	MAYOR	9036822611		
480863	MOUNT CALM, CITY OF	PARTICIPATING	NEVER MAPPED	11/05/76	FPA	Carey Salada	Emergency Cordinator	2549934211		
					CEO	JIMMY TUCKER	MAYOR	2549934211		comc@interlinkcc.com
480864	PENELOPE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	04/23/76						
					CEO	Ben Neil	MAYOR	2545335686		
480865	WHITNEY, TOWN OF	PARTICIPATING	ORIGINAL	02/16/90						
	**** HOCKLEY COUNTY ****									
480353	ANTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/24/82	FPA	Larry Conkin	City Mgr	8069972801		
					CEO	GREG HODGES	MAYOR	8069972801		cofanton@aol.com
480352	HOCKLEY COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07						
480354	LEVELLAND, CITY OF	PARTICIPATING	ORIGINAL	08/02/90	FPA	JEFF HEMPHILL,CFMCBO	BUILDING OFFICIAL	8068940113		jhemphill@door.net
					CEO	HUGH L BRADLEY	MAYOR	8068940113		z71brad@aol.com
481611	OPDYKE WEST, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50						
480866	ROPESVILLE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Sue				
					CEO	HORTENSIA OCHOA	MAYOR	8065623531		

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480867	SMYER, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	MARY BETH SIMS	MAYOR	8062343861		mayorsims@hotmail.com
					CEO	MARY BETH SIMS	MAYOR	8062343861		mayorsims@hotmail.com
480355	SUNDOWN,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Barry Stephens	city administrator			
					CEO	BRAD STAFFORD	CITY ADMINISTRATOR	8062293131		bds1989@aol.com
	**** HOOD COUNTY ****									
480177	CRESSON, CITY OF	PARTICIPATING	NEVER MAPPED	01/06/99	FPA	Charlotte Huffman	City Secretary	8173964729		cityofcresson@windstream.net
					CEO	Bob Cornett	Mayor	8173964729		cityofcresson@windstream.net
480357	GRANBURY, CITY OF	PARTICIPATING	REVISED	05/16/94	FPA	Alva Cox	Dir. of Public Works	8175731114	122	mmkean@granbury.org
					CEO	DAVID SOUTHERN	MAYOR	8175737030		
480356	HOOD COUNTY*	PARTICIPATING	REVISED	09/05/90	FPA	James McAusland	Dir.Env. Health/FPA	8175793288		jmcausland@co.hood.tx.us
					CEO	Andy Rash	County Judge	8175793200		jmcausland@co.hood.tx.us
481075	LIPAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/09	FPA	Robin Viducic	City Secretary	2546463340		rviducic@lipan.net
					CEO	MIKE STOWE	MAYOR	2546463340		jstowe@lipan.net
480868	TOLAR, TOWN OF	PARTICIPATING	NEVER MAPPED	07/18/75	FPA	Joyce Johnson	City Secretary	2548354390		jjohnsonsityoftolar@windstream.net
					CEO	Terry Johnson	Mayor	2548354390		jjohnsonsityoftolar@windstream.net
	**** HOPKINS COUNTY ****									
480870	COMO, TOWN OF	PARTICIPATING	NEVER MAPPED	08/06/76	FPA	no FPA				
					CEO	JAMES CARROLL	Mayor	9034883434		cityofcomo@gmail.com
480871	CUMBY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/06/76	FPA	ANGIE ALLEN	CITY SECRETARY	9039942272		cityofcumby@cumbytel.com
					CEO	JEFF STRICKLAND	Mayor	9039942272		cityofcumby@cumbytel.com
480869	HOPKINS COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/08	FPA	BETH REICHERT	COUNTY SECRETARY	9034384006		ctysec@hopkinscountytx.org
					CEO	CLETIS MILLSAP	COUNTY JUDGE	9034384006		judge@hopkinscountytx.org
480358	SULPHUR SPRINGS, CITY OF	PARTICIPATING	ORIGINAL	12/15/89						
480680	WINNSBORO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	JIMMIE DAVIS	FPA	9033423654		citywinn@peoplescom.net
					CEO	CAROLYN JONES	MAYOR	9033423654		citywinn@peoplescom.net
	**** HOUSTON COUNTY ****									
480359	CROCKETT, CITY OF	PARTICIPATING	ORIGINAL	09/30/80	FPA	Ronald W Duncan	FPA/CITY ADMINISTRATOR	9365445156		duncanr@crockettexas.org
					CEO	WAYNE MASK	MAYOR	9365445156		

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480873	GRAPELAND, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/08	FPA	Glen McQueen	PW Director	9366874569		
					CEO	Dan Walling	Mayor	9366872115		
480872	HOUSTON COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/08						
481552	KENNARD, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	03/11/80	FPA	Michael Deckard	Administrator	9366552248		CityofKennard@Windstream.net
					CEO	BILL THOMAS	MAYOR	9366552248		CityofKennard@Windstream.net
480874	LOVELADY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/91	FPA	Peggy Price	City Sec			
					CEO	MELIL R BROYSON	MAYOR	9366367313		
	**** HOWARD COUNTY ****									
480360	BIG SPRING, CITY OF	PARTICIPATING	ORIGINAL	09/30/81						
481099	COAHOMA, CITY OF	PARTICIPATING	NEVER MAPPED	06/04/76	FPA	Travis Scott, CFM	Flood Plain Administrator	4326971447		tscott@team-psc.com
					CEO	Warren Wallace	MAYOR	4323944288		
481227	HOWARD COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/88	FPA	Eddy Jameson	Road Administrator	4322642208		ejameson@howard-county.lib.tx.us
					CEO	Mark Bar	County Judge	4322642202		
	**** HUDSPETH COUNTY ****									
480362	DELL CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87						
480361	HUDSPETH COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/01/85	FPA	Pati Garcia	County Administrator	9153692321		pgarcia1@valornet.com
					CEO	BECKY DEAN-WALKER	COUNTY JUDGE	9153692321		
	**** HUNT COUNTY ****									
480364	CADDO MILLS, CITY OF	PARTICIPATING	REVISED	10/20/98						
481504	CAMPBELL, TOWN OF	NOT PARTICIPATING	REVISED	10/20/98	FPA	Joe Lilly	FPA	9034084134		jlilly@texashan.org
					CEO	Terry Trapp	Mayor	9038623191		campbelltx@worldlogon.com
480365	CELESTE, CITY OF	PARTICIPATING	REVISED	10/20/98						
480366	COMMERCE, CITY OF	PARTICIPATING	REVISED	10/20/98						
485473	GREENVILLE, CITY OF	PARTICIPATING	REVISED	10/20/98	FPA	Massoud Ebrahim, P. E.	FPA	9034573135		
					CEO	Tom Oliver	Mayor	9034573121		
480363	HUNT COUNTY*	PARTICIPATING	REVISED	10/20/98	FPA	Joe Lilly	Floodplain Administrator	9034084143		jlilly@texashan.org
					CEO	JOHN A HORN	COUNTY JUDGE, HUNT COUNTY	9034084146		cojudge@huntcounty.net

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480756	JOSEPHINE, CITY OF	PARTICIPATING	REVISED	06/02/09						
480368	LONE OAK, CITY OF	NOT PARTICIPATING	REVISED	10/20/98	FPA	Vanessa Sumrall	Planning & Zoning	9036625116		
					CEO	Lisa Willis	Mayor	9036625116		coloneoaklph@cumbytel.com
480369	NEYLANDVILLE, TOWN OF	NOT PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Stephanie Johnson	2469 County Road 4311	9034559686		
					CEO	Kathy Wilson	Mayor	9033666399		
480370	QUINLAN, CITY OF	PARTICIPATING	REVISED	10/20/98	FPA	Billy Green	FPA	9033563306		
					CEO	Sharon Royal	Mayor	9033563306		
480548	ROYSE CITY, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	John Ward	FPA/ Building Inspector	9726362250		JOHN.WARD@ROYSECITY.COM
					CEO	Jerrell Baley	MAYOR	9726362250		mayor@roysecity.com
480371	WEST TAWAKONI, CITY OF	NOT PARTICIPATING	REVISED	10/20/98	FPA	Cloy Richards	City Administrator	9034472285		cloyrich@gmail.com
					CEO	Pete Yoho	Mayor	9034472285		
480372	WOLFE CITY, CITY OF	NOT PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Bryan Creed	MAYOR (SEND TO MAYOR)	9034962251		
					CEO	Bryan Creed	Mayor	9034962251		
	**** HUTCHINSON COUNTY ****									
480374	BORGER, CITY OF	PARTICIPATING	REVISED	02/02/96						
480875	FRITCH, CITY OF	PARTICIPATING	NEVER MAPPED	07/16/76	FPA	Ernest Terry	City Secretary	8068573143		ernest_terry@hotmail.com
					CEO	Kevin Keener	Mayor	8068573143		fritchcityhall@amaonline.com
480373	HUTCHINSON COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/10/78	FPA	DAVID M WILLARD	COUNTY JUDGE	8068782801		
					CEO	JACK L WORSHAM	COUNTY JUDGE	8068784000		
480876	SANFORD, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA		MAYOR	8068653612		
					CEO	GARLAND ROBINSON	MAYOR	8068653612		cityofsanford2@aol.com
480375	STINNETT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	TOMMY BATSON	MAYOR	8068782422		stinnettcity@amaonline.com
	**** IRION COUNTY ****									
481228	IRION COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50						
480376	MERTZON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	PATSY KAHLIG	MAYOR	3258355791		mertzon@wcc.net
					CEO	PATSY KAHLIG	MAYOR	3258355791		
	**** JACK COUNTY ****									
480877	BRYSON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	KENNETH BOLAND	MAYOR			
					CEO	SHEILA BIRDWELL	MAYOR	940392224		COFB@DIGITALPASSAGE.COM

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								1		
480377	JACK COUNTY*	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/03/50						
480378	JACKSBORO, CITY OF	PARTICIPATING	ORIGINAL	01/15/88	FPA	Thomas Rhodes	Waste Water	9405676321		rhodes-thomas@sbcglobal.net
					CEO	JERRY CRAFT	MAYOR	9405676321		sjgrantham@sbcglobal.net
	**** JACKSON COUNTY ****									
485465	EDNA, CITY OF	PARTICIPATING	REVISED	07/05/82	FPA	BRAD RYAN	DIRECTOR OF PUBLIC WORKS	3617823122		bryan@cityofedna.com
					CEO	JOE D HERMES	MAYOR	3617823122		kpryor@cityofedna.com
480381	GANADO, CITY OF	PARTICIPATING	ORIGINAL	09/28/79	FPA	DARRELL TISE	DIRECTOR OF PUBLIC WORKS	3617712997		GANADOPW@YKC.COM
					CEO	FRED RICKAWAY	MAYOR	3617712232		
480379	JACKSON COUNTY *	PARTICIPATING	REVISED	06/19/85	FPA	BRAD RYAN	PUBLIC WORKS DIRECTOR	3617823122		bryan@cityofedna.com
					CEO	HARRISON STAFFORD, II	COUNTY JUDGE	3617822352		h.stafford@co.jackson.tx.us
481074	LAWARD, CITY OF	PARTICIPATING	ORIGINAL	09/28/79	FPA	Brad Ryan	Director of Public Works	3617823122		bryan@cityofedna.com
					CEO	JOEL HUNT	MAYOR	3618722211		
	**** JASPER COUNTY ****									
481542	BROWNDELL, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/03/85	FPA		send all fpa to mayor	4096982044		
					CEO	MONICA GARRETT	Mayor/FPA	4096982044		c_browndell@sbcglobal.net
481080	JASPER COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/91	FPA	Billy Ted Smith	Floodplain Administrator	4099942543		billy.smith@hughes.net
					CEO	Mark Allen	County Judge	4093842612		mark.allen@co.jasper.tx.us
480383	JASPER, CITY OF	PARTICIPATING	REVISED	05/18/92	FPA	Michael Collier	Inspections/Permits	4093844641		mcollier@jaspertx.org
					CEO	KENNETH DUCKWORTH	Building Inspector	4093844651		BDUCKWORTH@JASPERTX.ORG
480384	KIRBYVILLE, CITY OF	PARTICIPATING	ORIGINAL	09/18/86	FPA		send all fpa to mayor			
					CEO	Lenette Hall	MAYOR	4094236191		oruggles@aol.com
	**** JEFF DAVIS COUNTY ****									
481251	JEFF DAVIS COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/18/85	FPA	George E Grubb	County Judge			
					CEO	GEORGE GRUBB	COUNTY JUDGE	4324263968		
481131	VALENTINE, TOWN OF	SUSPENDED	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/01/85	FPA	JESUS CALDERON, MAYOR		9154672601		
					CEO	JESUS CALDERON	JUAN L. PORRAS, JR., MAYOR	9154672601		
	**** JEFFERSON COUNTY ****									

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485457	BEAUMONT, CITY OF	PARTICIPATING	REVISED	08/06/02	FPA	Tom Warner	Public Works Director	4098803725		
480878	BEVIL OAKS, CITY OF	PARTICIPATING	REVISED	09/04/87	FPA	Rebecca "Becky" M Ford	Mayor/FPA	4097531475		prrm1992@cmaaccess.com
					CEO	M				
481298	CHINA, CITY OF	PARTICIPATING	ORIGINAL	08/06/02	FPA	WILLIAM T SANDERS	MAYOR	4097525403		cityofchina@att.net
					CEO	WILLIAM T SANDERS	MAYOR	4097525403		cityofchina@att.net
485474	GRIFFIN PARK, TOWN OF	DEFUNCT	REVISED	05/14/76						
485475	GROVES, CITY OF	PARTICIPATING	REVISED	01/06/83	FPA	STEVE SANBORN	BUILDING OFFICIAL	4099605707		ssanborn@cigrovestx.com
					CEO	BRAD BAILEY	MAYOR	4099605773		bbailey@cigrovestx.com
480385	JEFFERSON COUNTY *	PARTICIPATING	REVISED	08/06/02	FPA	JOSE A PASTRANA	COUNTY ENGINEER	4098358584		jpastrana@co.jefferson.tx.us
					CEO	RON WALKER	COUNTY JUDGE	4098358466		rwalker@co.jefferson.tx.us
485485	LAKEVIEW, TOWN OF	DEFUNCT	RESCINDED	01/01/50						
485492	NEDERLAND, CITY OF	PARTICIPATING	REVISED	06/03/91	FPA	JON HATCH	CHIEF BUILDING OFFICIAL			
					CEO	BETH MERREN	SECRETARY	4097231502		BMERREN@CI.NEDERLAND.TX.US
481297	NOME, CITY OF	PARTICIPATING	ORIGINAL	02/02/83	FPA	DAVID STUDDERT	MAYOR	4092532391		davidstuddert@hotmail.com
					CEO	David Studdert	Mayor			
485497	PEAR RIDGE, CITY OF	NOT PARTICIPATING	RESCINDED	01/01/50						
485499	PORT ARTHUR, CITY OF	PARTICIPATING	REVISED	05/04/92	FPA	Dale Watson	Director of Planning			
					CEO	COLLEEN RUSSELL	PLANNING DIRECTOR	4099838138		RUSSELLC@PORTARTHUR.NET
485500	PORT NECHES, CITY OF	PARTICIPATING	REVISED	01/06/83	FPA	GEORGE L WHEELER	BUILDING OFFICIAL	4097194205		gwheeler@ci.port-neches.tx.us
					CEO	RANDY KIMLER	CITY MANAGER	4097272182		NONE
481698	TAYLOR LANDING, CITY OF	PARTICIPATING	ORIGINAL	08/06/02	FPA	John J Durkay	MAYOR	4097182758		john.durkay@istc.net
					CEO	JOHN J DURKAY	MAYOR, CITY OF TAYLOR LANDING	4095273349		JOHN.DURKAY@ISTC.NET
	**** JIM HOGG COUNTY ****									
481081	JIM HOGG COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/87	FPA	Javier Zambrano	Project Coordinator			
					CEO	Javier Zambrano	Project Adm.	3615275362		zambranoj45@sbcglobal.net
	**** JIM WELLS COUNTY ****									
480394	ALICE, CITY OF	PARTICIPATING	ORIGINAL	03/01/84	FPA	MARIO R GARZA	DIR. OF PUBLIC WORKS/ENGINEER	3616687270		MGARZA@CITYOFALICE.ORG
					CEO	Grace Saenz Lopez	Mayor	3616687210		cityclerk@cityofalice.org

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481258	JIM WELLS COUNTY *	PARTICIPATING	ORIGINAL	05/02/83	FPA			3616685706		lasaenz@thei.net
					CEO	L. Arnold Saenz	County Judge	3616685706		lasaenz@thei.net
480395	ORANGE GROVE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Rick R Lopez	City Administrator	3613842322		RON78372@AOL.COM
					CEO	Seale Brand	Mayor	3613842322		
480396	PREMONT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA			3613482022		
					CEO	Mario Rodriguez	Mayor	3613482022		
	**** JOHNSON COUNTY ****									
480397	ALVARADO, CITY OF	PARTICIPATING	REVISED	01/06/99	FPA	Sharon Vass	Dir of Community Development	8177900910		vasss@cityofalvarado.org
					CEO	Tom Durington	Mayor	8177903351		
480398	BRIAR OAKS, CITY OF	NOT PARTICIPATING	REVISED	01/06/99	FPA			8174443039		
					CEO	JAMES DUNN	MAYOR	8172952887		
485459	BURLESON, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Mandy Clark	Civil Engineer	8174475400		mclark@burlesontx.com
					CEO	Ken D Shetter	Mayor	8174475400		kshetter@burlesontx.com
485462	CLEBURNE, CITY OF	PARTICIPATING	REVISED	01/06/99	FPA	David Esquivel	Dir. of Public Works	8176450942		d.esquivel@cleburne.net
					CEO	Ted Reynolds	Mayor	8176450931		t.reynolds@cleburne.net
480177	CRESSON, CITY OF	PARTICIPATING	NEVER MAPPED	01/06/99	FPA	Charlotte Huffman	City Secretary	8173964729		cityofcresson@windstream.net
					CEO	Bob Cornett	Mayor	8173964729		cityofcresson@windstream.net
481685	CROSS TIMBER, CITY OF	PARTICIPATING	ORIGINAL	01/06/99	FPA	Patti Meier	Floodplain Administrator	8172950796		
					CEO	WAVA MCCULLOUGH	MAYOR	8172954543		crosstimbertx@att.net
480880	GODLEY, CITY OF	NOT PARTICIPATING	REVISED	01/06/99	FPA	Stephanie Hodges	City Administrator	8173893539		stephanie.hodges@godleytx.gov
					CEO	David Wallis	MAYOR	8173893539		
480881	GRANDVIEW, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/06/99	FPA	Sherry Reeves	Administrative Asst.	8178662699		sherryreeves@cityofgrandview.org
					CEO	Travis Buck	MAYOR	8178662699		sherryreeves@cityofgrandview.org
480879	JOHNSON COUNTY*	PARTICIPATING	REVISED	01/06/99	FPA	Don BURNS	DIRECTOR OF PUBLIC WORKS	8175566380		dburns@johnsoncountytx.org
					CEO	ROGER HARMON	COUNTY JUDGE	8175566360		countyjudge@johnsoncounty.org
480882	JOSHUA, CITY OF	PARTICIPATING	REVISED	01/06/99	FPA	Mary Beth Thomas	City Secretary	8176417447		citysecretary@cityofjoshuatx.us
					CEO	Merle Breitenstein	Mayor	8175587447		mayor@cityofjoshuatx.us
481107	KEENE, CITY OF	PARTICIPATING	REVISED	01/06/99	FPA	Johnny Coker	City Inspector	8176413336		jcoker@keenetx.com
					CEO	Roy Robinson	Mayor	8176413336		mayor@keenetx.com

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480606	MANSFIELD, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Bart VanAmburgh	City Engineer	8172764233		
					CEO	David Cook	Mayor	8172764200		
481159	RIO VISTA, VILLAGE OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/06/99	FPA	James Lyles	Director of Public Works	8173732588		thecityofriovista@windstream.net
					CEO	William Keith Hutchison	MAYOR	8173732588		thecityofriovista@windstream.net
480883	VENUS, CITY OF	PARTICIPATING	REVISED	01/06/99	FPA	Jerry Reed	City Administrator	9723663348	205	JREED-CA@CITYOFVENUS.ORG
					CEO	Charley Grimes	MAYOR	9723663348		MAYOR@CITYOFVENUS.ORG
	**** JONES COUNTY ****									
485450	ABILENE, CITY OF	PARTICIPATING	REVISED	02/03/93	FPA	CODY MARSHALL	FPA	3256766282		Cody.Marshall@abilenetx.com
					CEO	Norm Archibald	Mayor	3256766315		
480401	ANSON, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Dowell Mathews	City Manager	3258232411		citymgr@ansontx.us
					CEO	Vance Boyd	Mayor	3258232411		mayor@ansontx.us
480402	HAMLIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	Jack Shields	Mayor	3255762711		coh99@classicnet.net
					CEO	Jack Shields	Mayor	3255762711		
480885	HAWLEY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	Morgan Campbell	FPA	3256687002		gmorg@wtconnect.com
					CEO	Ronnie Woodard	Mayor	3255379528		cityofhawley06@wtconnect.com
480884	JONES COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Buddy Pope	EMC	3258232256		
					CEO	DALE SPURGIN	COUNTY JUDGE	3258233741		DALE.SPURGIN@CO.JONES.TX.US
480886	LUEDERS, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	Dotty Beverly	EMC	3252284522		colwd@taylortel.net
					CEO	Danny Dillard	MAYOR	3252284522		colwd@taylortel.net
480403	STAMFORD, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Gary Bell	Public Works Supervisor	3257733592		
					CEO	Johnny Anders	Mayor	3257732723		
	**** KARNES COUNTY ****									
480404	FALLS CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	03/04/86	FPA	Lauren Sturm	FPA	8302543242		
					CEO	Brent Honudmann	Mayor	8302543242		
480405	KARNES CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/86	FPA	LARRY PIPPEN	CITY MANAGER	8307803422		cityofkc@sbcglobal.net
					CEO	DON TYMRAK	MAYOR	8307803422		cityofkc@sbcglobal.net
481175	KARNES COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/04	FPA	Sharon Chesser	FPA			
					CEO	Alger Kendall	County Judge			

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485482	KENEDY, CITY OF	PARTICIPATING	REVISED	06/18/90	FPA	Jaime Albiar	Floodplain Administrator	8305832230		cityofkenedy@sbcglobal.net
					CEO	RANDY GARZA	MAYOR	8305832230		
481120	RUNGE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/89	FPA	HOMER LOTT	MAYOR	8302394121		city.of.runge@sbcglobal.net
					CEO	HOMER LOTT	MAYOR	8302394121		city.of.runge@carnesec.net
	**** KAUFMAN COUNTY ****									
480408	COMBINE, CITY OF	NOT PARTICIPATING	REVISED	06/16/05	FPA	Karla Strachan	City Secretary	9724761532		citycombine@aol.com
					CEO	Keith Taylor	Mayor	9724761532		city@combinetx.com
480409	CRANDALL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/92	FPA	TIMOTHY ATKINS	FIRE CHIEF	9724273771		TATKINS@CRANDALLTEXAS.COM
					CEO	VICKI HIGH	MAYOR	9724273771		crandall@ticnet.com
480410	FORNEY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/08/78	FPA	Michael Shook, CFM	Director	4696890004		MSHOOK@CITYOFFORNEY.ORG
					CEO	Darrell Grooms	Mayor			
480545	HEATH, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	PEDRAM FARAHNAK	CITY ENGINEER	9727716228		
					CEO	PEDRAM FARAHNAK	CITY ENGINEER	9727716228		
480411	KAUFMAN COUNTY *	PARTICIPATING	REVISED	09/06/95	FPA	DANNY NEWTON				
					CEO	DANNY NEWTON		4693764125		
480407	KAUFMAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/08/78	FPA	CURTIS SNOW	CITY MANAGER			
					CEO	RICHARD A UNDERWOOD	CITY MANAGER	9729322215		KAUFMANPUBLICWORKS@MYCVC.NET
480412	KEMP, CITY OF	PARTICIPATING	ORIGINAL	09/03/80	FPA	JOE VILLAREAL	FLOODPLAIN ADMINISTRATOR	9034983191		
					CEO	ROY FRIEMEL	MAYOR	9034983191		NONE
480413	LAWRENCE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
480414	MABANK, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/05/10	FPA	LOUANN CONFER	CITY ADMINISTRATOR	9038873241		NONE
					CEO	LOUANN CONFER	CITY ADMINISTRATOR	9038873241		NONE
481533	OAK GROVE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	07/17/79						
					CEO	Jerry Holder	MAYOR			
481534	OAK RIDGE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/26/79						
					CEO	ROY PERKINS	MAYOR	9725510343		
480416	TERRELL, CITY OF	PARTICIPATING	REVISED	03/04/96	FPA	STEVE ROGERS	CITY ENGINEER	9725516600	240	srogers@cityofterrell.org
					CEO	STEVE ROGERS	CITY ENGINEER	9725516607		srogers@cityofterrell.org
	**** KENDALL COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480418	BOERNE, CITY OF	PARTICIPATING	ORIGINAL	09/30/83	FPA	Chris A Turk	Floodplain Administrator	8302481541		cturk@ci.boerne.tx.us
					CEO	Dan Heckler	MAYOR	8302499511		dheckler@ci.boerne.tx.us
481644	FAIR OAKS RANCH, CITY OF	PARTICIPATING	REVISED	09/02/09	FPA	James A Earl	Building Official	2106980900		
					CEO	Roy Thomas	City Admin			
480417	KENDALL COUNTY *	PARTICIPATING	REVISED	07/17/95	FPA	Rick J Tobolka	County Development Manager	8303318253		richard.tobolka@co.kendall.tx.us
					CEO	GAYLAN SCHROEDER	County Judge	8302499343		
	**** KENEDY COUNTY ****									
481230	KENEDY COUNTY *	PARTICIPATING	REVISED	05/04/92	FPA	J A Garcia	County Judge			
					CEO	J. A. GARCIA, JR.	COUNTY JUDGE	3612945224		sarita@riznet.com
	**** KENT COUNTY ****									
481690	JAYTON, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50						
481231	KENT COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DIANA RANKIN	ADMINISTRATOR			
					CEO	BELLE BRANHAM	ADMINISTRATOR	8062372160		SFORKUWD@CAPROCK-SPUR.COM
	**** KERR COUNTY ****									
481680	CENTER POINT, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	LEONARD S ODOM	KERR ROAD AND BRIDGES	8302572993		
					CEO	LEONARD S ODOM	KERR COUNTY ROADS AND BRIDGES	8302572993		
481592	INGRAM, CITY OF	PARTICIPATING	REVISED	07/19/00	FPA	HOWARD JACKSON	MAYOR	8303675115		howardj@ingramtx.com
					CEO	Howard Jackson	Mayor	8303675115		howardj@ingramtx.com
480419	KERR COUNTY*	PARTICIPATING	REVISED	07/19/00	FPA	Truby Hardin	Assistant Administrator			
					CEO	JOHN HEWITT	Assistant Administrator	8302572993		JHEWITT@CO.KERR.TX.US
480420	KERRVILLE, CITY OF	PARTICIPATING	REVISED	07/19/00	FPA	BOBBY Gore	Engineer			
					CEO	Todd Parton	City Manager	8307928305		
	**** KIMBLE COUNTY ****									
480421	JUNCTION, CITY OF	PARTICIPATING	REVISED	11/05/97	FPA	VIVIAN SAIZ	CITY SECRETARY/ ADMINISTRATOR	3254462622		vivian.saiz@cityofjunction.com
					CEO	ALLEN HERRING	MAYOR	9154462622		ctyofjct@ctesc.net
481232	KIMBLE COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07						
	**** KING COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481233	KING COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Jr Daniel	Sheriff			
					CEO	DUANE DANIEL	COUNTY JUDGE	8065964411		kcjudge@caprock-spur.com
	**** KINNEY COUNTY ****									
480422	BRACKETTVILLE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
481176	KINNEY COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/15/85	FPA	CLIFF RITTER	ROAD AND BRIDGES ADMINISTRATOR	8305632254		NONE
					CEO	TIM WARD	KINNEY COUNTY JUDGE	8305632401		NONE
	**** KLEBERG COUNTY ****									
480424	KINGSVILLE, CITY OF	PARTICIPATING	ORIGINAL	08/17/81	FPA	Armando Gutierrez	City Engineer			
					CEO	NAIM UDDIN KHAN	City Engineer	3615958007		CITYENG@CITYOFKINGSVILLE.COM
480423	KLEBERG COUNTY *	PARTICIPATING	REVISED	05/04/92						
	**** KNOX COUNTY ****									
480888	BENJAMIN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	06/27/75	FPA	BUDDY TOLSON - MAYOR		9404543131		
					CEO	MIKE SHEEDY	MAYOR	9404543131		
480889	GOREE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	TERRY GRAY	MAYOR	9404225306		goree@knoxcity.net
480890	KNOX CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	Barbara Rector	City Administrator	9406583313		cityKC@srcaccess.net
					CEO	CHARLES LANGFORD	MAYOR	9406583313		
480887	KNOX COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	GREG CLONTS		9404592191		
					CEO	GREG CLONTS	COUNTY JUDGE	9404592191		lbrookepage1@hotmail.com
480425	MUNDAY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DWAYNE BEARDEN	CITY OFFICIAL	9404224331		
					CEO	GARY TIDWELL	MAYOR	9404224331		munday@westex.net
	**** LA SALLE COUNTY ****									
481692	ENCINAL, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/02/50	FPA	MATT OLIVERA	CITY ADMINISTRATOR	9569485226		maco@netscrop.net
					CEO	Sylvano Sanchez	Mayor	9569487274		cityofencinal@sbcglobal.net
	**** LAMAR COUNTY ****									
480892	BLOSSOM, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/01/85						

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480426	DEPORT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/28/82	FPA	Eric Pearson	Fire Chief	9036523875		cityofdeport@neto.com
					CEO	Hubert Foster	Mayor	9036523875		cityofdeport@neto.com
480891	LAMAR COUNTY*	NOT PARTICIPATING	NEVER MAPPED	11/29/77	FPA	Ronnie Bass	Emergency Manager	9037374391		
					CEO	Chuck Superville, Jr	County Judge	9037372410		countyjudge_lamar_tx@yahoo.com
480427	PARIS, CITY OF	PARTICIPATING	ORIGINAL	12/15/83	FPA	Shawn Napier	City Engineer	9037849292		
					CEO	Jesse Freelen	Mayor	9037849202		jfreelen@paristexas.gov
481254	RENO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/28/82	FPA	Shannon Barrentine	City Administrator			
					CEO	CARA HUBBARD	CITY SECRETARY	9037856581		CARA@RENOTEXAS.US
480428	ROXTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	01/02/79	FPA	James Cooper		9033463535		cityofroxton@yahoo.com
					CEO	James Cooper	Mayor	9033463535		cityofroxton@yahoo.com
481319	TOCO, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			9037851211		twtop@1starnet.com
					CEO	Jason Waller	Mayor	9037851211		mayortocobear@yahoo.com
	**** LAMB COUNTY ****									
480894	AMHERST, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/11/75	FPA		MAYOR	8062463421		
					CEO	MIKE CRAIN	MAYOR	8062463421		
480895	EARTH, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/18/85	FPA	Lorry K Collom	City Secretary	8062572111		cityofearth@amaonline.com
					CEO	DOUG PARISH	MAYOR	8062572111		
480893	LAMB COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	WILLIAM THOMPSON	COUNTY JUDGE			
					CEO	WILLIAM THOMPSON JR	COUNTY JUDGE	8063854222		
480429	LITTLEFIELD,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87	FPA	DANNY DAVIS	CITY MANAGER	8063855161	8	dannydavis@door.net
					CEO	DANNY DAVIS	CITY MANAGER	8063855161	8	dannydavis@door.net
480896	OLTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/91	FPA	Rita Spence	City Secretary	8062852611		ritas@amaonline.com
					CEO	JOHNNY ADAMS	MAYOR	8062852611		oltonpwd@amaonline.com
480897	SPRINGLAKE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	Betty McCurry	City Secretary	8069864211		
					CEO	HARLON WATSON	MAYOR	8069864211		
480898	SUDAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	FREDDIE MAXWELL	MAYOR	8062272112		
	**** LAMPASAS COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480155	COPPERAS COVE, CITY OF	PARTICIPATING	REVISED	02/17/10	FPA	Wes Wright	City Engineer	2545474221		wwright@ci.copperas-cove.tx.us
					CEO	CARL FORD	CITY PLANNER	2545428904		CFORD@CI.COPPERS-COVE.TX.US
481689	KEMPNER, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Frances Spinney	city secretary	5129322180		
					CEO	ROGER FANCHER	MAYOR	5129322180		kempner@vvm.com
480899	LAMPASAS COUNTY *	PARTICIPATING	ORIGINAL	01/02/91	FPA	Wayne Boutinghouse	COUNTY JUDGE	5125568271		
					CEO	Wayne L Boutinghouse	COUNTY JUDGE	5125568271		DIANNE.SEBRY@CO.LAMPASAS.TX.
480430	LAMPASAS, CITY OF	PARTICIPATING	ORIGINAL	06/15/82	FPA	LANCE R CARLSON	BUILDING OFFICIAL	5125566831		lcarlson@ci.lampasas.tx.us
					CEO	MICHAEL TALBOT	CITY MANAGER	5125566831		mtalbot@ci.lampasas.tx.us
480900	LOMETA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Megan A McClinton	MAYOR	5127523331		cityolometa@wildblue.net
					CEO	R. A MCCLINTON	MAYOR	5127523331		cityoflometa.1tex.net
	**** LASALLE COUNTY ****									
480431	COTULLA,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87	FPA	Ismael R Cabello	CEO/Floodplain Administrator			
					CEO	HIGINIO MARTINEZ	CITY ADMINISTRATOR	8308792367		cotullacity@granderiver.net
481484	LA SALLE COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JOEL RODRIGUEZ	COUNTY JUDGE	8708794430		joelbelayrodriguez@yahoo.com
					CEO	JOEL RODRIGUEZ, JR.	COUNTY JUDGE	8308794430		jrodjr@excite.com
	**** LAVACA COUNTY ****									
485476	HALLETTSVILLE, CITY OF	PARTICIPATING	REVISED	02/02/79						
481178	LAVACA COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Kathy Shepard	Lavaca Co. FP Mgr	3617985310		kshepard@co.lavaca.tx.us
					CEO	RONALD LECK	COUNTY JUDGE, LAVACA COUNTY	3617982301		ronaldleck@cvtv.net
480433	MOULTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	03/04/86	FPA	Michael Arnold				
					CEO	GLORIA JASEK	CITY SECRETARY	3615964621		CITYOFMOULTON@SBCGLOBAL.NE
481136	SHINER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/18/85						
480434	YOAKUM, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87						
	**** LEE COUNTY ****									
480435	GIDDINGS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Spencer Schneider	Building Official	9795402710		sschneider@giddings.net
					CEO	Spencer Schneider	CODE COMPLIANCE OFFICIAL	9795402716		SSCHNEIDER@GIDDINGS.NET

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480901	LEE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	Paul Fischer		9795423178		leecountyjudge@bluebon.net
					CEO	PAUL E FISHER	COUNTY JUDGE	9795423178		LEECOUNTYJUDGE@BLUEBON.NET
480902	LEXINGTON, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	woolrich	mayor	9797732221		cityoflexington@verizon.net
					CEO	ROBERT L WILLRICH	MAYOR	9797732221		cityoflex@bluebon.net
	**** LEON COUNTY ******									
480904	BUFFALO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07	FPA	DEBBIE WATERS	CITY SECRETARY	9033225909		admin@buffalotex.com
					CEO	ROYCE DAWKINS	MAYOR PRO-TEM	9033225909		admin@buffalotex.com
480905	CENTERVILLE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	Nancy C Kiker	City Secretary			
					CEO	BILLY WALTERS	MAYOR	9035362515		
480906	JEWETT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/07	FPA	Rudy Hibbeler	FPA/Director of Public Works	9036264416		john_deere_man17@yahoo.com
					CEO	JUDI KIRKPATRICK	MAYOR	9036264416		jewett75846@SBCGLOBAL.NET
480903	LEON COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Byron Ryder	County Judge	9035362331		byron.ryder@co.leon.tx.us
					CEO	BYRON RYDER	COUNTY JUDGE	9035362331		leoncountyjudge@tconline.net
480907	LEONA, TOWN OF	NOT PARTICIPATING	ORIGINAL	12/20/02	FPA	T.W. NASH	CITY SECRETARY	9033442406		
					CEO	TRAVIS J ODEN	MAYOR	9033442406		
480436	NORMANGEE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/06/82	FPA	J.C. Traylor	MAYOR	9363963691		cityofnormangee@hotmail.com
					CEO	J. C. TRAYLOR	MAYOR	9363963691		cityofnormangee@hotmail.com
480437	OAKWOOD, TOWN OF	PARTICIPATING	NEVER MAPPED	02/06/76	FPA	Viki Stroud	Mayor	9035452131		cityofoakwood@windstream.net
					CEO	Viki Stroud	MAYOR	9035452131		cityofoakwood@windstream.net
	**** LIBERTY COUNTY ******									
480044	AMES, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	05/02/08	FPA	Lillie Bernard	City Secretary	9363367278		lmbernard@academicplanet.com
					CEO	John White	Mayor	9363367278		
480439	CLEVELAND,CITY OF	PARTICIPATING	REVISED	05/02/08	FPA	John Davis	Building Inspector			
					CEO	Phillip Cook	City Manager	2815922667		
481101	DAISETTA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/02/08	FPA	Harold Biano	Public Works Director			
					CEO	LYNN WELLS	MAYOR	9365366761		CITYOFDAISETTA@HOTMAIL.COM
481593	DAYTON LAKES, CITY OF	PARTICIPATING	REVISED	05/02/08	FPA	Louis Bergman	County Engineer/FPA	9363364558	230	louis.bergman@co.liberty.tx.us

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480440	DAYTON, CITY OF	PARTICIPATING	REVISED	05/02/08	FPA	David Douglas	City Manager			
					CEO	David Douglas	PLANNING DIR	9362582642		DDRAZ@DAYTONTX.COM
481514	DEVERS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/02/08	FPA	Shirley Haidusek	Councilwoman	9365497474		shirley@imsday.com
					CEO	Edna Johnson	Mayor	9365497474		
480908	DIASETTA, TOWN OF	RESERVED	ORIGINAL	04/03/87	FPA	Ann Phillips		9365366761		
					CEO	Lynn Wells		9365366761		
481270	HARDIN, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	05/02/08						
481523	KENEFICK, CITY OF	PARTICIPATING	ORIGINAL	05/02/08	FPA	Louis Bergman	County Engineer/FPA	9363364558	230	louis.bergman@co.liberty.tx.us
					CEO	Stephen Ames	MAYOR	9362582130		steven.ames@earthlink.com
480438	LIBERTY COUNTY*	PARTICIPATING	REVISED	05/02/08	FPA	James (Sonny) Davis	FLOODPLAIN ADMINISTRATOR	9363364558	230	
					CEO	Phil Fitzgerald	County Judge, Liberty County	9363364665		
480441	LIBERTY, CITY OF	PARTICIPATING	REVISED	05/02/08	FPA	Candice Motschman	Inspection Secretary	9363347114		cmotschman@cityofliberty.org
480122	MONT BELVIEU, CITY OF	PARTICIPATING	ORIGINAL	08/16/82	FPA	Bill Cobabe	Building Inspector			
					CEO	DANIEL WILLIAMS	CITY ENGINEER	2815762213		DWILLIAMS@MONTBELVIEW.NET
481083	NORTH CLEVELAND, CITY OF	NOT PARTICIPATING	ORIGINAL	05/02/08	FPA	Robert Bartlett	Mayor	2815923762		
					CEO	ROBERT BARTLETT	MAYOR	2815923762		
481269	PLUM GROVE,CITY OF	PARTICIPATING	REVISED	05/02/08	FPA	Freddie Reed	Emergency Mgmt. Coordinator	2816893241		
					CEO	T.W. Garrett	Mayor	2813990822		
	**** LIMESTONE COUNTY ****									
480911	COOLIDGE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	Gay Pranger	City Secretary	2547862399		smalltownc@windstream.net
					CEO	BOBBY JACOBS	MAYOR	2547862399		
480912	GROESBECK, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/15/85						
481151	KOSSE, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/06/82	FPA	Ben Daniells	Mayor	2543752212		
					CEO	Nora Ensminger	City Secretary	2543752212		CITYOFKOSSE@EMBARGMAIL.COM
480910	LIMESTONE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/87	FPA	TED KANTOR	COUNTY ENGINEER	2547295513		ted.kantor@co.limestone.tx.us
					CEO	Daniel Burkeen	COUNTY JUDGE	2547293810		daniel.burkeen@co.limestone.tx.us

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480929	MART, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	David Gillam	Emergency Management Co-or	2548762462		W5Svl@aol.com
					CEO	CALVIN JONES JR.	MAYOR	2548762462		
480442	MEXIA, CITY OF	PARTICIPATING	ORIGINAL	08/01/80	FPA	Billy Archibald	Building Official			
480913	TEHUACANA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DOUGLAS EAST	MAYOR (SEND TO MAYOR)	2543954408		
					CEO	DOUGLAS EAST	MAYOR	2543954408		
480914	THORNTON, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	11/05/76	FPA	Kim Cox	City Secretary	2543856438		city@tol-tx.com
					CEO	JAMES W JACKSON	MAYOR	2543856438		city@tol-tx.com
	**** LIPSCOMB COUNTY ****									
480444	BOOKER, CITY OF	PARTICIPATING	ORIGINAL	04/16/90	FPA	Don Kerns		8066584579		dkbooker@amaonline.com
					CEO	JAMES ROBERTS	MAYOR	8066584579		booker@centramedia.net
480445	DARROUZETT, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/15/85	FPA	Gailan Winegarner	Emergency Manager			
					CEO	MIKE LAMBERSON	MAYOR	8066242441		
480446	FOLLETT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	LYNN BLAU	MAYOR	8066532601		
481503	HIGGINS, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50						
480443	LIPSCOMB COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	WILLIS SMITH	COUNTY JUDGE	8068624131		
					CEO	WILLIS SMITH	COUNTY JUDGE	8068624131		
	**** LIVE OAK COUNTY ****									
480448	GEORGE WEST,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	Benjamin Tanguma	City manager	3614491556		CITY@GEORGEWEST.ORG
					CEO	AUGUST CARON JR.	MAYOR	3614491556		cityofgw@bcni.net
481179	LIVE OAK COUNTY*	PARTICIPATING	ORIGINAL	11/19/03	FPA	DAVID L NICHOLSON	PUBLIC HEALTH COORDINATOR/FPA	3614492733	124	
					CEO	JIM HUFF	COUNTY JUDGE	3614492733	102	NONE
485515	THREE RIVERS, CITY OF	PARTICIPATING	REVISED	07/05/84	FPA	Maryann R FOREHAND	CITY ADM.	3617862528		m4hnd@fnbnet.net
					CEO	JERRY WHEELER	MAYOR	3617862528		
	**** LLANO COUNTY ****									
480149	HORSESHOE BAY, CITY OF	PARTICIPATING	ORIGINAL	09/18/91						
481234	LLANO COUNTY *	PARTICIPATING	ORIGINAL	09/18/91	FPA	RONALD MOORE	Dept of Environmental & Emerg	3252472039		ronald.moore@co.llano.tx.us
					CEO	Wayne Brascom	COUNTY JUDGE	3252477730		llanocountyjudge@co.llano.tx.us
480451	LLANO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/04/82						

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481531	SUNRISE BEACH VILLAGE, CITY	PARTICIPATING	ORIGINAL	09/27/91	FPA	BOB SYKES	FLOODPLAIN ADMINISTRATOR	3253886438		bobsykes@cityofsunrisebeach.org
					CEO	PATRICIA E FRIAN	MAYOR	3253886438		mayor@cityofsunrisebeach.org
	**** LOVING COUNTY ****									
481235	LOVING COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JANIE PARKER	COUNTY AUDITOR			
					CEO	DAWN WATKINS	COUNTY AUDITOR	4323772511		DWATKINS@CO.LOVING.TX.US
	**** LUBBOCK COUNTY ****									
480271	ABERNATHY, CITY OF	PARTICIPATING	REVISED	09/28/07	FPA	Mike Cypert	FPA			
					CEO	Mike Cypert	CITY MANAGER	8062982968		CITYMGR@CITYOFABERNATHY.ORG
481688	BUFFALO SPRINGS, VILLAGE OF	PARTICIPATING	REVISED	09/28/07	FPA	Mande Reeves	Office Manager	8067751595		randdtrammel@nts-online.net
					CEO	RICK LUJAN	MAYOR	8067440233		
480916	IDALOU, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/28/07						
480915	LUBBOCK COUNTY*	PARTICIPATING	REVISED	09/28/07	FPA	Mande Reeves	Office Manager	8067751595		
					CEO	Tom Head	County Judge	8067751087		thead@co.lubbock.tx.us
480452	LUBBOCK, CITY OF	PARTICIPATING	REVISED	09/28/07	FPA	Skipper Wood	City Engineer			
					CEO	Tom Martin	Mayor	8067752010		TMartin@mail.ci.lubbock.tx.us
481315	NEW DEAL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/28/07	FPA	Sharon Trumble	City Secretary			
					CEO	CRAIG GRAHAM	MAYOR	8067466399		
481577	RANSOM CANYON, TOWN OF	PARTICIPATING	REVISED	09/28/07	FPA	Melissa Verett	City Administrator			
					CEO	MURVAT MUSA	City Administrator	8068292470		RANSOMCANYON@SPTC.NET
480917	SHALLOWATER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/28/07	FPA	SUSIE WILLIAMSON	City Secretary			
					CEO	MOE DOZIER	MAYOR	8068324521		citsec@hotmail.com
480453	SLATON, CITY OF	PARTICIPATING	REVISED	09/28/07						
480918	WOLFFORTH, CITY OF	PARTICIPATING	REVISED	09/28/07	FPA	DOUG HUTCHESON	DIRECTOR OF PUBLIC WORKS	8068664215		dhutcheson@wolfforthtx.us
					CEO	L.C. CHILDERS	MAYOR	8068664215		mayor@wolfforth.tx.us
	**** LYNN COUNTY ****									
480919	LYNN COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	William Schoemann	Emerg. Mgmt Coordinator			
					CEO	H.G. FRANKLIN	COUNTY JUDGE	8065614222		

Federal Emergency Management Agency
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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480920	NEW HOME, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JAMIE CLEM	CITY SECRETARY	8069247514		
					CEO	DON SHARP	MAYOR	8069247514		NONE
480921	O'DONNELL, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/27/76	FPA	JAMES E WILLIAMS	MAYOR	8064283239		odonnellcity@pics.net
					CEO	JAMES E WILLIAMS	MAYOR	8064283239		
480454	TAHOKA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/15/85						
480922	WILSON, CITY OF	PARTICIPATING	NEVER MAPPED	07/16/76						
	**** MADISON COUNTY ****									
481180	MADISON COUNTY*	PARTICIPATING	ORIGINAL	09/27/91						
480464	MADISONVILLE, CITY OF	PARTICIPATING	ORIGINAL	03/05/90	FPA	PAUL CATOE	CITY MANAGER	9363482748		paul.catoe@ci.madisonville.tx.us
					CEO	DON DEAN	MAYOR	9363482748		
	**** MARION COUNTY ****									
480465	JEFFERSON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/26/82						
481630	MARION COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** MARTIN COUNTY ****									
481236	MARTIN COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Corky Blocker	Judge	9157562231		cblocker@crcom.net
					CEO	CORKY BLOCKER	MARTIN COUNTY JUDGE	9157562231		cblocker@crcom.net
480466	STANTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/88	FPA	Michael Adams	EMC			
					CEO	DANNY FRYAR	CITY ADMINISTRATOR	4327563301		
	**** MASON COUNTY ****									
481237	MASON COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Thomas Starks				
					CEO	Thomas Starks	FLOODPLAIN ADMIN	3253475719		TSTARKS@TSTAR.NET
480467	MASON, CITY OF	PARTICIPATING	ORIGINAL	07/02/79	FPA	Earl Kich	EMC/BO/FM			
					CEO	Earl KOCH	EMC/BO/FM	3253476449		EARL.KOCH@CITYOFMASON.US
	**** MATAGORDA COUNTY ****									
485455	BAY CITY, CITY OF	PARTICIPATING	REVISED	06/05/85	FPA	Jim Hendrickson		9792444511		
					CEO	RICHARD KNAPIK	MAYOR	9792452137		RKnapik@cityofbaycity.org

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
485489	MATAGORDA COUNTY *	PARTICIPATING	REVISED	05/04/92	FPA	Lisa Krobot	County Environmental Health	9792442717		
					CEO	Nate McDonald	County Judge	9792447605		
485495	PALACIOS, CITY OF	PARTICIPATING	REVISED	02/05/86	FPA	Don E Guynes	FPA/Code Enforcement Official	3619723605		dguynes@cityofpalacios.org
					CEO	JOHN CONNOR	MAYOR	3619723605		copmayor@wcnet.net
	**** MAVERICK COUNTY ****									
480471	EAGLE PASS, CITY OF	PARTICIPATING	ORIGINAL	10/19/05						
480941	KICKAPOO TRADITIONAL TRIBE	NOT SANCTIONED	NEVER MAPPED	01/01/50						
					CEO	DON SPALDING	TIBAL ADMINISTRATOR	8307732105		
480470	MAVERICK COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	12/20/77						
	**** MCCULLOCH COUNTY ****									
480455	BRADY, CITY OF	PARTICIPATING	ORIGINAL	10/15/81						
480923	MCCULLOCH COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Danny Neal	COUNTY JUDGE	9155972977		
					CEO	RANDY YOUNG	COUNTY JUDGE	3255970733		
480924	MELVIN, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	10/29/76	FPA			3252864222		
					CEO	BILLY J FERRIS	MAYOR	3252864222		
	**** MCLENNAN COUNTY ****									
480457	BELLMEAD, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Jerry Grisham	Bldg Inspector	2543796183		
					CEO	Scooter G Radcliffe	City Manager	2547992436		SCOOTER@BELLMEAD.COM
480925	BEVERLY HILLS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Donna Hawkins	City Secretary	2547522584	4	
					CEO	Donna Hawkins	City Secretary			
481302	BRUCEVILLE-EDDY, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	GINGER METCALF	City Secretary			
					CEO	KONI BILLINGS	City Secretary	2548595964		BE-CITYSEC@SBCGLOBAL.NET
480926	CRAWFORD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Sheryl A Christian	City Secretary	2544862125		cityofcrawford@windsteam.net
					CEO	David Posten	MAYOR	2544862125		
481521	GHOLSON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Johnnie T Tabor	CITY ENGINEER	5127562118		
					CEO	LARRY T BINNION	MAYOR	2548291796		
481310	GOLINDA, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	ANTHONY WAGNER	MAYOR	2548817333		
					CEO	ANTHONY WAGNER	MAYOR	2548817333		

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481522	HALLSBURG, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA		CITY SECRETARY	2548752549		
					CEO	MIKE GLOCKZIN	MAYOR	2548752022		
480458	HEWITT,CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Bruce Braley	BUILDING OFFICIAL	2546666173		bbraley@cityofhewitt.com
					CEO	CHARLIE TAYLOR	CITY MANAGER	2546666173		cityhall@grandecom.net
480927	LACY-LAKEVIEW, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	KEITH BOND	PUBLIC WORKS SUPERVISOR	2547992458		KEITH_BOND@LACY-
					CEO	CALVIN HODDE	MAYOR	2547992458		
481314	LEROY, CITY OF	PARTICIPATING	REVISED	09/26/08						
480928	LORENA, TOWN OF	PARTICIPATING	REVISED	09/26/08	FPA	Gary Withold	City Manager	2548574641		
					CEO	JOHN MORAN	City Manager	2548574641		J.MORAN@CI.LORENA.TX.US
480929	MART, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	David Gillam	Emergency Management Co-or	2548762462		W5Svl@aol.com
					CEO	CALVIN JONES JR.	MAYOR	2548762462		
480459	MCGREGOR, CITY OF	PARTICIPATING	REVISED	02/17/10	FPA	Walter Reeves	FPA	2548408206	104	
					CEO	STEVE R HAIRE	PLANNING DIRECTOR	2548402806		shaire@mcgregor-texas.com
480456	MCLENNAN COUNTY*	PARTICIPATING	REVISED	09/26/08	FPA	Luke Lammert	Assistant County Engineer	2547575000		luke.lammert@co.mclennan.tx.us
					CEO	Stephen Hendrick	County Engineer	2547575028		STEVE.HENDRICK@CO.MCLENNAN.TX.US
480930	MOODY, TOWN OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/26/08						
481115	NORTHCREST, TOWN OF	DEFUNCT	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/19/85						
481316	RIESEL, TOWN OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	ROBIN MIIGUEZ	CITY SECRETARY	2548966501		
					CEO	DAVID GUENAT	MAYOR	2548966501		
480460	ROBINSON, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	TRACY LANKFORD	BUILDING INSPECTOR	2546621415		t.lankford@robinsontexas.org
					CEO	BRYAN FERGUSON	MAYOR	2546621415		
481317	ROSS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	JIM JASKA	MAYOR	2548291072		
					CEO	JAMES L JASKA	MAYOR	2548291072		
480054	VALLEY MILLS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	JOHN SHAMPTON	MAYOR			mayor@vmtx.us
					CEO	BILL LANCASTER	CITY ADMINISTRATOR	2549326146		BILL.LANCASTER@VMTX.US
480461	WACO, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Mark Hines	FPA	2547506621		
					CEO	MARK H	DIRECTOR OF ENGINEERING	2547505441		MARKH@CI.WACO.TX.US

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480931	WEST, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Ken Kubala	City Secretary			
					CEO	GERREL BOLTON	MAYOR	2548265351		westpd@cji.net
480462	WOODWAY, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	NICHOLAS CLARK	CITY ENGINEER	2547724050		nclark@woodway-texas.com
					CEO	RANDALL RIGGS	DIRECTOR OF COMMUNITY SERVICES			
	**** MCMULLEN COUNTY ****									
480463	MCMULLEN COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87	FPA	LINDA LEE HENRY	COUNTY JUDGE			
					CEO	LINDA L HENRY	COUNTY JUDGE	3612743341		JUDGE@GRANDERIVER.NET
	**** MEDINA COUNTY ****									
480932	CASTROVILLE, CITY OF	PARTICIPATING	ORIGINAL	05/01/79	FPA	JOE PAINTER	City Admin	8309314070		cityadmin@castrovilletx.us
					CEO	Robert Lee	Mayor	8309314070		mayor@castrovilletx.us
480690	DEVINE, CITY OF	PARTICIPATING	ORIGINAL	04/15/77	FPA	Darrell Rawlings	Code Compliance Officer	8306632804		devincecodes@sbcglobal.net
					CEO	DORA RODRIGUEZ	INTERIM CITY ADMINISTRATOR			
480474	HONDO, CITY OF	PARTICIPATING	ORIGINAL	12/01/78	FPA		Floodplain Manager			
					CEO	Gilbert Contreras	Code Compliance Supervisor	8304264737		gcontreras@hondo-tx.org
480475	LA COSTE, CITY OF	PARTICIPATING	ORIGINAL	05/01/79						
480692	LYTLE, CITY OF	PARTICIPATING	ORIGINAL	02/02/77						
480472	MEDINA COUNTY *	PARTICIPATING	ORIGINAL	08/15/80						
481112	NATALIA, CITY OF	PARTICIPATING	ORIGINAL	04/15/80						
	**** MENARD COUNTY ****									
481238	MENARD COUNTY*	PARTICIPATING	REVISED	09/04/87	FPA	Jeff Whitson	EMERGENCY MGMT CORDINATOR	3253964705		jw1254@yahoo.com
					CEO	RICHARD CORDES	COUNTY JUDGE	9153964789		jw1254@yahoo.com
480476	MENARD, CITY OF	PARTICIPATING	ORIGINAL	09/04/87						
	**** MIDLAND COUNTY ****									
481239	MIDLAND COUNTY *	PARTICIPATING	REVISED	09/16/05	FPA	James P Robertson	Floodplain Administrator			
					CEO	RENEE FRANKS	ASSISTANT CITY ENGINEER	4326857289		rfranks@mail.ci.midland.tx.us
480477	MIDLAND, CITY OF	PARTICIPATING	REVISED	09/16/05	FPA	Rene Franks	City Engineer	4326857286		
					CEO	WES PERRY	MAYOR	4326857204		
480206	ODESSA, CITY OF	PARTICIPATING	REVISED	09/16/05	FPA	Yervand Hmayakyan, C.F.M., P.E.	ASSISTANT CITY ENGINEER	4323353242		engineering@odessa-tx.gov
					CEO	Larry Melton	Mayor	4323354104		cs@odessa-tx.gov

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
	**** MILAM COUNTY ****									
481549	BUCKHOLTS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	Doug Williams				
					CEO	LEANNA LINGAN	CITY SECRETARY	2545933111		CITYSEC@FARM-MARKET.NET
480478	CAMERON, CITY OF	PARTICIPATING	REVISED	12/02/92	FPA	Stanley Garrison		2546976646		
					CEO	STANLEY GARRISON	CEO	2546976361		SGARRISON@CAMERONTEXAS.NET
480933	MILAM COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Roy Urban	floodplain administrator			
					CEO	Roy Viben	floodplain administrator	2546977040		
480479	ROCKDALE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/27/84	FPA	Kevin Knauf	City Manager	5124462511		kknauf@rockdalecityhall.com
					CEO	T. FLEMMING	CITY MANAGER	5124462511		tflemming@rockdalecityhall.com
480934	THORNDALE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	KEITH KIESLING	CITY ADMINISTRATOR	5128982523		
					CEO	BILLY SIMANK	MAYOR	5128982523		
	**** MILLS COUNTY ****									
480936	GOLDWAITHE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Rob Lindsey	CITY MANAGER	3256483186		
					CEO	DANNY HAMMOND	MAYOR	9156483186		city@centex.net
480935	MILLS COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Kirkland Fulk	County Judge	3256482748		theresa.strickler@co.mills.tx.us
					CEO	ROBERT E LINDSAY, III	COUNTY JUDGE	9156482222		
481125	MULLIN, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/11/76	FPA	jean smith	mayor	3259853448		mjean@centex.net
					CEO	A.R. WHISENHUNT	MAYOR	9159853768		NONE
	**** MITCHELL COUNTY ****									
480480	COLORADO CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/87	FPA	Jesse Hernandez	Code Enforcement	3257285294		
					CEO	DENNIS PFEUFFER	WATER SUPERINTENDANT	3257285331		
481109	LORAINE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/27/75	FPA	CONNIE HARSHAW		9157372222		
					CEO	Ina Vay McAdams	Mayor			
480937	MITCHELL COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/15/85						
480938	WESTBROOK, CITY OF	NOT PARTICIPATING	NEVER MAPPED	11/12/76	FPA	J. L. REES	MAYOR	9156443131		
					CEO	J. L. REES	MAYOR	9156443131		
	**** MONTAGUE COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480481	BOWIE, CITY OF	PARTICIPATING	REVISED	01/17/91	FPA	David Rainey	Code Enforcement Officer			
					CEO	David Rainey	Code ADMIN	9408721114		BOWIECODE@CITYOFBOWIETX.CO
480939	MONTAGUE COUNTY*	PARTICIPATING	ORIGINAL	01/17/91						
					CEO	TED H WINN	COUNTY JUDGE	9408942401		THWINN@HOTMAIL.COM
480482	NOCONA, CITY OF	PARTICIPATING	REVISED	01/17/91	FPA	Revell Hardison		9408253282		rhardison@windstream.net
					CEO	Robert Fenoglio	Mayor	9408253282		
480940	SAINT JO, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/17/91						
					CEO		MAYOR	9409952337		
	**** MONTGOMERY COUNTY ****									
481537	CHATEAU WOODS, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	RICHARD H HERRING		7133678746		
					CEO	ROBERT SADLER	COUNTY JUDGE	7133678746		
480484	CONROE, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Craig T Meyers	FPA	9365223100		cmeyers@cityofconroe.org
					CEO	WEBB MELDER	MAYOR	9367604602		
481279	CUT AND SHOOT, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	BILL OLIPHANT	FLOOD PLAIN ADMINISTRATOR	9362641540		city@cutandshoot.org
					CEO	LANG THOMPSON	MAYOR	9362643100		
480296	HOUSTON, CITY OF	PARTICIPATING	REVISED	06/18/07	FPA	Mark L Loethen	City Engineer	7135357666		mark.loethen@cityofhouston.net
					CEO	Annise D Parker	MAYOR	7138370311		
481261	MAGNOLIA, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Candace Randall	Permit Technician	2813562266		crandall@cityofmagnolia.com
					CEO	JIMMY W THORNTON	MAYOR	2813562266		mayorthornton@cityofmagnolia.com
480483	MONTGOMERY COUNTY*	PARTICIPATING	REVISED	09/22/99	FPA	MARK MOONEY	MONTGOMERY COUNTY ENGINEER	9365397833		
					CEO	PHIL D JONES	MONTGOMERY COUNTY ENGINEER	9365397836		PHIL.JONES@MCTX.ORG
481483	MONTGOMERY, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	William J Kotlan	City Engineer	9364417833		
					CEO	TRAVIS MABRY	MAYOR	9365976434		
481560	OAK RIDGE NORTH, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Vicky Rudy	City Manager/FPA	2812924648	306	vrudy@oakridgenorth.com
					CEO	FRED O'CONNOR	MAYOR	2812924648		JMICHELS@JONESWALKER.COM
481263	PANORAMA VILLAGE, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	JOHN D BLEYL	Floodplain Administrator	9364417833		JOHN.BLEYL@BLEYLENGINEERING.COM
					CEO	HOWARD KRAVETZ	MAYOR	9368562821		panoramacity@suddenlinkmail.com
480486	PATTON VILLAGE, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Pamela Munoz	FPA/Mayor	2816899511	120	v.munoz@patton.village.us
					CEO	Pamela Munoz	Mayor	2816899511	120	v.munoz@patton.village.us

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481538	ROMAN FOREST, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Rick Martinez	FPA	2818084022	281	
					CEO	FLOYD O JACKSON, JR	MAYOR	2813992660		Fojacksonjr@aol.com
481256	SHENANDOAH, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Roderick Hainey	Asst. Director of Public Works			
					CEO	Roderick J Hainey	CFM	8325858140		RHAINEY@SHENANDOAHTX.COM
480488	SPLENDORA, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	VINA WHITLEY	FPA	2816893197		
					CEO	WAYNE C CARLEY	MAYOR	2816893197		
481296	STAGECOACH, CITY OF	PARTICIPATING	REVISED	09/22/99						
480942	WILLIS, CITY OF	PARTICIPATING	REVISED	09/22/99	FPA	Arthur W Faiello	FPA/Building Official	9368564611		
					CEO	Leonard Reed	Mayor	9368564611		
480694	WOODBRANCH, CITY OF	PARTICIPATING	REVISED	09/22/99						
481168	WOODLOCH, TOWN OF	PARTICIPATING	REVISED	09/22/99	FPA	DIANE LINCOLN	FPA/CEO	9363213700		townofwoodloch@consolidated.net
					CEO	DIANE LINCOLN	MAYOR	9364439889		townofwoodloch@consolidated.net
	**** MOORE COUNTY ****									
480490	CACTUS, CITY OF	PARTICIPATING	NEVER MAPPED	03/26/76	FPA	Steve Schmiett	CITY MANAGER			
					CEO		CITY MANAGER			
481502	DUMAS, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50						
480489	MOORE COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	KARI CAMPBELL	COUNTY JUDGE	8069355588		mcjudge@moorecountytexas.com
					CEO	KARI D CAMPBELL	COUNTY JUDGE	8069355588		mcjudge@moorecountytexas.com
480492	SUNRAY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	01/03/86						
	**** MORRIS COUNTY ****									
480493	DAINGERFIELD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	12/07/82						
480944	LONE STAR, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	RANDALL E WOLFRUM	FPA/PUBLIC WORKS DIRECTOR	9036562311		lspd700@yahoo.com
					CEO	JAMES FRAVE	MAYOR	9036562311		
480943	MORRIS COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07						
480494	NAPLES, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/21/78	FPA	Bobby Whetstone	Public Works Dir			
					CEO	WILLIE J PALMORE	MAYOR	9038972271		NONE

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480495	OMAHA, CITY OF	PARTICIPATING	NEVER MAPPED	02/06/76	FPA	DEBBIE LaFOLLETT	CITY SECRETARY	9038842302		cityofomaha@prodigy.net
					CEO	GREG BLAIR	MAYOR	9038842302		cityofomaha@prodigy.net
	**** MOTLEY COUNTY ****									
480946	MATADOR, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	11/05/76	FPA			8063472255		
					CEO	RODNEY WILLIAMS	MAYOR	8063472255		matador@caprock-spur.com
480945	MOTLEY COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Ed D Smith	County Judge			
					CEO	ED D SMITH	COUNTY JUDGE	8063472334		esmith@caprock-spur.com
480496	ROARING SPRINGS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	CORKY MARSHALL	CITY SECRETARY	8063487231		corkymon@caprock-spur.com
					CEO	CORKY MARSHALL	MAYOR	8063487231		corkymon@caprock-spur.com
	**** NACOGDOCHES COUNTY ****									
481085	APPLEBY, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/20/10	FPA	GERALD HEBERT	MAYOR	7145643131		
					CEO	GERALD HEBERT	MAYOR	9365647169		
481543	CHIRENO, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/20/10	FPA	Steven Spencer	City Administrator	9363622312		
					CEO	WARNER WILSON	MAYOR	9363622312		
480948	CUSHING, TOWN OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	05/20/10	FPA	BRUCE RICHARDS	MAYOR	9363264665		
					CEO	BRUCE RICHARDS	MAYOR	9363264665		
480949	GARRISON, TOWN OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/20/10	FPA	TOM JAMAR	MAYOR	9363472201		cityofgarrison@yahoo.com
					CEO	Ernest Wade Adams	Mayor	9363472201		cityofgarrison@yahoo.com
480947	NACOGDOCHES COUNTY*	PARTICIPATING	REVISED	05/20/10	FPA	Benny Serrano	FPA	9365607704		bennie.serrano@co.nacogdoches.tx.us
					CEO	JOE ENGLISH	County Judge	9365607755		jenglish@countynacogdoches.tx.gov
480497	NACOGDOCHES, CITY OF	PARTICIPATING	REVISED	05/20/10	FPA	Brice Clements	FPA	9365592516		
					CEO	Roger Van Horn	Mayor	9365592500		rvanhorn@ci.nacogdoches.tx.us
	**** NAVARRO COUNTY ****									
481547	ANGUS, CITY OF	NOT PARTICIPATING	NEVER MAPPED	05/06/80	FPA	Betty McCain	Mayor's Asst. Secretary	9038743513		
					CEO	EBEN D STOVER	MAYOR	9038743513		
480951	BARRY, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	07/30/76	FPA	JOHN W BRALY	MAYOR	9036952859		chicka34@windstream.net
					CEO	JOHN W BRALY	MAYOR	9036952859		chicka34@windstream.net
480952	BLOOMING GROVE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/24/78	FPA	Beth Nemeth	CITY SECRETARY	9036952711		bnemeth1@windstream.net
					CEO	ALVA SMITH	MAYOR	9036952711		

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480498	CORSICANA, CITY OF	PARTICIPATING	REVISED	07/19/05	FPA	Elizabeth Borstad	FPA	9036544858		eborstad@ci.corsicana.tx.us
					CEO	Clifford goes by (C.L.) L Brown	Mayor	9036544803		cbrown@ci.corsicana.tx.us
480953	DAWSON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/22/78	FPA	Violet Bumper	City Secretary	2545781515		ctyofdaw@yahoo.com
					CEO	Linda Bryant	Mayor	2545781515		ctyofdaw@yahoo.com
480954	FROST, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	08/08/78	FPA	Mary Henderson	Intern City Secretary	9036823861		cityoffrost@txun.net
					CEO	Jerry English	MAYOR	9036823861		
480955	KERENS, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	CINDY SCOTT	CITY SECRETARY	9033962971		kerens1@airmail.net
					CEO	Jeffrey Saunders	Mayor	9033962971		kerens1@airmail.net
481554	MUSTANG, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	05/06/80	FPA	Jerry Bounds	City Secretary	9038742964		
					CEO	Jackie Bounds	MAYOR	9038742964		
480950	NAVARRO COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	01/19/06	FPA	VICKI STALCKLEIN	ADMINISTRATOR			
					CEO	VICKI STOECKLEIN	ADMINISTRATOR	9038753312		VSTOECKLEIN@NAVARROCOUNTY.ORG
480382	NAVARRO, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	PAM CHAPMAN	MAYOR			
480956	PURDON, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/02/50						
481158	RETREAT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/11/75	FPA	JANICE BARFKNECHT	MAYOR	9038725082		
					CEO	JANICE BARFKNECHT	MAYOR	9038725082		
480957	RICE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/09	FPA	Tonya Roberts	CITY SECRETARY	9033267511		cityrice@airmail.net
					CEO	LARRY BAILEY	MAYOR	9033267511		cityrice@airmail.net
480958	RICHLAND, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/25/75	FPA	Sharon Settlemyer	City Secretary			
					CEO	DOLORES BALDWIN	MAYOR	9033623707		cityrich@airmialnet
480825	STREETMAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	05/06/77	FPA	Heather Marfell	City Clerk	9035992567		boc3sman@valornet.com
					CEO	Johnny A Robinson	MAYOR	9035992641		boc3sman@valornet.com
	**** NEWTON COUNTY ****									
480499	NEWTON COUNTY*	PARTICIPATING	REVISED	09/21/98	FPA	Truman Dougharty	County Judge	4093795691		truman.dougharty@co.newton.tx.us
480500	NEWTON, CITY OF	NOT PARTICIPATING	ORIGINAL	09/21/98	FPA	Donnie Meek	FPA/City Administrator	4093795061		donnie@newtontexas.org
	**** NOLAN COUNTY ****									

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481088	BLACKWELL, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/15/75	FPA	EARL TUCKER	MAYOR	3252822082		
					CEO	Ronald Herir	mayor			
481240	NOLAN COUNTY*	PARTICIPATING	ORIGINAL	08/02/90	FPA	Tim Fambrough	County Judge	3252355469		
					CEO	TIM FAMBROUGH	NOLAN COUNTY JUDGE	3252352263		tfambroughcjudge@hotmail.com
481558	ROSCOE, CITY OF	PARTICIPATING	ORIGINAL	09/30/88	FPA	JACK BROWN	CITY MANAGER	3257663021		
					CEO	CHERYL DRAKE	MAYOR	9157663021		NONE
480502	SWEETWATER, CITY OF	PARTICIPATING	REVISED	06/19/89						
	**** NUECES COUNTY ****									
480504	AGUA DULCE, CITY OF	PARTICIPATING	ORIGINAL	12/12/75	FPA	CARL VAJDOS	MAYOR	3619982532		
					CEO	Carl Vijelos	Mayor			
485453	ARANSAS PASS, CITY OF	PARTICIPATING	REVISED	05/04/92	FPA	FRANK TRUITT	ASSISTANT CITY INSPECTOR	3617585415		ftruitt@aransaspasstx.gov
					CEO	RICK EWANISZYKW	CITY MANAGER	3617585301		rewaniszykw@aransas-pass-texas.com
480505	BISHOP, CITY OF	PARTICIPATING	ORIGINAL	04/15/81	FPA	ALBERT GUAJARDO	DIRECTOR OF PUBLIC WORKS	3615842567		BISHOP3@INTERCONNECT.NET
					CEO	ALBERT GUAJARDO	DIRECTOR OF PUBLIC WORKS	3615842567		BISHOP3@INTERCONNECT.NET
485464	CORPUS CHRISTI, CITY OF	PARTICIPATING	REVISED	09/17/92	FPA	JUAN PERALES	ASSISTANT CITY MANAGER	3618263259		JOSEPHE@CCTEXAS.COM
					CEO	JOE ADAME	MAYOR	3618263100		
480507	DRISCOLL, CITY OF	PARTICIPATING	ORIGINAL	07/16/81	FPA	Bobby Castellano	FPA	3613873011		CITYOFDRISCOLL@EARTHLINK.NET
					CEO	AROLANDO A PADILLA	MAYOR	3613873011		CITYOFDRISCOLL@EARTHLINK.NET
485494	NUECES COUNTY*	PARTICIPATING	REVISED	05/04/92	FPA	GLEN R SULLIVAN	DIRECTOR OF PUBLIC WORKS	3618880490		glen.sullivan@co.nueces.tx.us
					CEO	TERRY SHAMISE	COUNTY JUDGE	3618880444		
485498	PORT ARANSAS, CITY OF	PARTICIPATING	REVISED	09/30/92	FPA		BUILDING OFFICIAL			
					CEO	CLAUDE BROWN		3617494111		
485503	ROBSTOWN, CITY OF	PARTICIPATING	REVISED	05/01/85	FPA	JERRY VELASCO	CHIEF BLD. OFFICIAL/FPA	3613870175		cityofrobstown@stx.rr.com
					CEO	RODRIGO RAMON	MAYOR	3613874589		NONE
	**** OCHILTREE COUNTY ****									
481181	OCHILTREE COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	HOWARD E STONE, CO JUDGE		8064352152		
					CEO	HOWARD E STONE	JACK DORGAN, COMMISSIONER	8064352152		
480509	PERRYTON, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			8064354015		

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	**** OLDHAM COUNTY ****									
480960	ADRIAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/25/75	FPA	ROBERT A		8065386223		
					CEO	CRUIL KEY(MAYOR) PINIS BROWN		8065386223		
480959	OLDHAM COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Don R Allred	County Judge			
					CEO	DON R ALLRED	COUNTY JUDGE	8062672607		dnallred@amaonline.com
480961	VEGA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	MARK GRONEMAN, MAYOR		8062672144		
					CEO	MARK GRONEMAN	LESLIE A. LINGER, MAYOR	8062672371		
	**** ORANGE COUNTY ****									
480511	BRIDGE CITY, CITY OF	PARTICIPATING	ORIGINAL	09/02/82	FPA	JERRY JONES	PUBLIC WORKS DIRECTOR/FPA	4097356801		jjones@bridgecitytex.com
					CEO	Kirk Roccaforte	MAYOR	4097356801		
480510	ORANGE COUNTY *	PARTICIPATING	REVISED	06/05/97	FPA	Lisa Roberts, CFM	Floodplain Administrator	4097451410		
					CEO	Lisa L Roberts, CFM	CFM	4097451410		LROBERTS@CO.ORANGE.TX.US
480512	ORANGE, CITY OF	PARTICIPATING	REVISED	06/05/97						
480697	PINE FOREST, CITY OF	PARTICIPATING	ORIGINAL	02/16/83	FPA	LISA L ROBERTS	FLOOD PLAIN ADMINISTRATOR	4097451410		lroberts@co.orange.tx.us
					CEO	JODY E CRUMP	MAYOR	4097864100		jodyeston@aol.com
480513	PINEHURST, CITY OF	PARTICIPATING	ORIGINAL	01/06/83						
481061	ROSE CITY, CITY OF	PARTICIPATING	ORIGINAL	01/06/83	FPA	LISA ROBERTS	FLOOD PLAIN ADMINISTRATOR	4097451410		lroberts@co.orange.tx.us
					CEO	DAVID BUSH	MAYOR	4097696809		rosecity1@juno.com
480514	VIDOR, CITY OF	PARTICIPATING	ORIGINAL	01/06/83	FPA	Byron Richard	FPA	4096581465		brichard@cityofvidor.com
					CEO	JOE HOPKINS	MAYOR	4097690150		
480515	WEST ORANGE, CITY OF	PARTICIPATING	ORIGINAL	01/06/83	FPA	RON GARRISON	DIRECTOR OF PUBLIC WORKS			
					CEO	DEAN FULLER	CFO/BLDG INSP	4098833468		DFULLER@CITYOFWESTORANGE.C
	**** PALO PINTO COUNTY ****									
480963	GORDON, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Barbara Epperson	Town Clerk	2546935676		cityofgordon@sbcglobal.net
					CEO	Pat Sublet	MAYOR	2546935676		cityofgordon@sbcglobal.net
480964	GRAFORD, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/10	FPA	Cynthia Perry	City Secretary	9406642125		
					CEO	Carl Walston	Mayor	9406642125		
480517	MINERAL WELLS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	XAN OLSON	Code Enforcement	9403287717		codeenforcement@mineralwellstx.gov
					CEO	Mike Allen	MAYOR	9403287717		citymanager@mineralwellstx.gov

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480518	MINGUS, CITY OF	PARTICIPATING	ORIGINAL	09/01/04	FPA	Mindy Scribner	City Secretary	2546725995		
					CEO	MILO MOFFIT	MAYOR	2546725995		
480516	PALO PINTO COUNTY *	PARTICIPATING	REVISED	08/18/92	FPA	BARRY GILL	Emergency Management Coord.	9403255762		barry.gill@co.palo-pinto.tx.us
					CEO	Mike Smiddy	County Judge	9406591253		
480965	STRAWN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	Ruthann Craddock	City Secretary	2546725311		city@strawntx.net
					CEO	David L Day	MAYOR	2546725311		city@strawntx.net
	**** PANOLA COUNTY ****									
480967	BECKVILLE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			9036783661		
480519	CARTHAGE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	01/23/79	FPA	Brenda Samford				
					CEO	DAVID THOMPSON	BUILDING OFFICIAL	9036938544		CITYOFC@PRODIGY.NET
481148	GARY, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	11/19/76	FPA	ROBERT E YOUNG	MAYOR	9036852225		
					CEO	WALTER M CRAFT	JOE LATHAM, MAYOR	2146852225		
480966	PANOLA COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JOHN DePresca	EMERGENCY COORDINATOR	9036933763		
					CEO	DAVID L ANDERSON	COUNTY JUDGE	9036930391		panola@thenett.com
480995	TATUM, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/17/85	FPA	RON MARTIN	CHIEF OF POLICE			
					CEO	PHIL CORY	MAYOR	9039472260		
	**** PARKER COUNTY ****									
481659	ALEDO, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	WILLIAM R LAMBERT	INTERIM PUBLIC WORKS DIRECTOR	8174417016		william.lambert@aledo-tex.com
					CEO	GORDON SMITH	PUBLIC WORKS DIRECTOR			
481664	ANNETTA NORTH, TOWN OF	NOT PARTICIPATING	REVISED	09/26/08	FPA	Dwayne Ford	Building Inspector	8174412663		underwood@aledobb.com
					CEO	Ken Hall	Mayor	8174412663		
481665	ANNETTA SOUTH, TOWN OF	PARTICIPATING	REVISED	09/26/08	FPA	GERHARDT K	MAYOR	8174433794		vrbannsouth@netscape.net
					CEO	GERHARDT K	MAYOR	8174433794		vrbannsouth@netscape.net
481660	ANNETTA, TOWN OF	NOT PARTICIPATING	REVISED	09/26/08	FPA	David Love	Building Inspector	8174415770		
					CEO	OLAN USHER	MAYOR	8174415770		
480584	AZLE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Kyle Culwell	Streets and Parks Superintende	8174442541		kculwell@ci.azle.tx.us
					CEO	Dana Doss-McLaughlin	Neighorhood Service Supervisor	8174447084		ddoss@ci.azle.tx.us

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480588	BRIAR, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
480136	COOL, TOWN OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08						
					CEO	DOROTHY HALL	MAYOR	9723420514		cityofcool@yahoo.com
480177	CRESSON, CITY OF	PARTICIPATING	NEVER MAPPED	01/06/99	FPA	Charlotte Huffman	City Secretary	8173964729		cityofcresson@windstream.net
					CEO	Bob Cornett	Mayor	8173964729		cityofcresson@windstream.net
480147	HUDSON OAKS, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/26/08	FPA	Patrick Lawler	210 North Lakeshore Drive	6822292408		
					CEO	PAT DEEN	MAYOR	8175964899		
480107	MILLSAP, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Denise Geeo	City Secretary	9406827446		cityofmillsap@earthlink.net
					CEO	JAMIE FRENCH	MAYOR	9406827446		
480517	MINERAL WELLS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	XAN OLSON	Code Enforcement	9403287717		codeenforcement@mineralwellstx.gov
					CEO	Mike Allen	MAYOR	9403287717		citymanager@mineralwellstx.gov
480520	PARKER COUNTY *	PARTICIPATING	REVISED	09/26/08	FPA	Kirk Fuqua	Floodplain Administrator	8175986174		kirk.fuqua@parkercountytx.com
					CEO	Kirk Fuqua	Floodplain Manager	8175986174		KIRK.FUQUA@PARKERCOUNTYTX.COM
480969	RENO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/25/09	FPA	Scott Passmore		8172212500		
					CEO	Roen Cox	Mayor	8172212500		
481285	SANCTUARY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08						
480521	SPRINGTOWN, CITY OF	PARTICIPATING	REVISED	09/26/08						
480522	WEATHERFORD, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	James G Hotopp	Director of Utilities	8175984016		jhotopp@weatherfordtx.gov
					CEO	Dennis Hooks	Mayor	8175984201		dhooks@weatherfordtx.gov
481164	WILLOW PARK, CITY OF	PARTICIPATING	REVISED	09/26/08						
	**** PARMER COUNTY ****									
480971	BOVINA, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	KEITH KNIGHT - MAYOR		8062511116		
					CEO	KEITH WRIGHT	TRUETT HODNETT, MAYOR	8062381116		
480972	FARWELL, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Cynthia Trower	City Secretary			
					CEO	JIMMIE R MACE	MAYOR	8064813620		NONE
480523	FRIONA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/05/85						
480970	PARMER COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** PECOS COUNTY ****									

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480525	FORT STOCKTON, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	11/01/85	FPA	Brad L Newton	Director of City Services	4323368525		bnewton@ci.fort-stockton.tx.us
					CEO	HOWARD MCKISSACK	MAYOR	4323368525		
480973	IRAAN, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/05/85	FPA	Kathy Smithson	City Secretary			
					CEO	DANA ST CLAIR	MAYOR	4326392301		IRAAN.CITY@SBCGLOBAL.NET
480524	PECOS COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	FREDIE J CAPERS, CO JDG		9153362792		
					CEO	CHARLES WARNOCK	BILLY L. MOODY, COMMISSIONER	9153362792		
	**** POLK COUNTY ****									
481494	ALABAMA-COUSHATTA TRIBE OF	NOT SANCTIONED	NEVER MAPPED	01/01/50						
					CEO	CLAYTON SYLESTINE	FIRST CHIEF	9365631100		
480527	CORRIGAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/20/82						
481070	GOODRICH, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85						
480528	LIVINGSTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Ben Buchannan	Community Development Coord.	9363285168		communitydevelopment@livingston.net
					CEO	Ben Buchannan	COMM DEVELOPMENT COORD	9363274311		COMMUNITYDEVELOPMENT@LIVINGSTON.NET
480974	ONALASKA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/07						
480526	POLK COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/91	FPA	Lisa Ellis	FPA/Inspector	9363276826		emcpolk@livingston.net
					CEO	John P Thompson	County Judge	9363276813		
	**** POTTER COUNTY ****									
480529	AMARILLO, CITY OF	PARTICIPATING	REVISED	06/04/10	FPA	Martin Rodin	City Engineer & Floodplain Adm	8063784227		martin.rodin@amarillo.gov
					CEO	Debra McCartt	Mayor, City of Amarillo	8063783011		mayor@amarillo.gov
480010	BISHOP HILLS, TOWN OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/04/10						
					CEO	BETTY BENHAM	MAYOR	8063526602		
481241	POTTER COUNTY *	PARTICIPATING	ORIGINAL	06/04/10	FPA	ROGER CUMPSTON	ROAD AND BRIDGE DEPARTMENT	8063832273		rogercumpston@co.potter.tx.us
					CEO	ARTHUR WARE	COUNTY JUDGE	8063792250		
	**** PRESIDIO COUNTY ****									
481493	MARFA, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	JAMES MUSTARD	CITY ADMINISTRATOR	9157294315		jmustard2506@sbcglobal.net
					CEO	CURTIS SCHRADER	CITY MANAGER	9157294315		marfaadmin@christophers.net

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480530	PRESIDIO COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/03/85	FPA	Rod Ponton	County's Attorney	9157294452		marfamarge@christophers.net
					CEO	JERRY AGAN	COUNTY JUDGE	9157294452		eljuez@sbcglobal.net
481651	PRESIDIO, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Brad Newton	City Administrator -	4322293517		cityhall@mztv.net
					CEO	Lorenzo M Hernadez	MAYOR	9152293517		lhernand@presidio-isd.net
	**** RAINS COUNTY ****									
481090	ALBA, TOWN OF	WITHDRAWN	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	Tim Koong	Chief of Police			
					CEO	ORVIN CARROLL	MAYOR	9037652396		
480976	EAST TAWAKONI, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	11/05/76	FPA	Dossie Smith	Supertendant of Public Works	9034473818		
					CEO	GARY VAUGHN	MAYOR	2144472444		
480977	EMORY, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/51	FPA	J Basham	code campliance officer			
					CEO	KAY HOUSE	MAYOR	9034732465		emory@globeco.net
481156	POINT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/17/85	FPA	PHILLIP KERR	MAYOR			
					CEO	LISA THOMPSON	MAYOR	9035983296		
480975	RAINS COUNTY*	PARTICIPATING	NEVER MAPPED	10/18/77	FPA	JOE DOUGHERTY	COUNTY JUDGE			
					CEO	HAROLD CARR	EMC	9034735091		RAINS.CO.LITTER@VERIZON.NET
	**** RANDALL COUNTY ****									
480529	AMARILLO, CITY OF	PARTICIPATING	REVISED	06/04/10	FPA	Martin Rodin	City Engineer & Floodplain Adm	8063784227		martin.rodin@amarillo.gov
					CEO	Debra McCartt	Mayor, City of Amarillo	8063783011		mayor@amarillo.gov
480533	CANYON, CITY OF	PARTICIPATING	REVISED	06/04/10						
					CEO	Quinn Alexander	Mayor, City of Canyon	8066555000		
481259	LAKE TANGLEWOOD, VILLAGE	PARTICIPATING	REVISED	06/04/10	FPA	JEFF BAKER	MAINTENANCE MANAGER	8066223714		
					CEO	Robert Hulsey	Mayor	8066221702		
481666	PALISADES, VILLAGE OF	PARTICIPATING	ORIGINAL	06/04/10	FPA	Dennis R Massey	Floodplain Administrator	8062825421		drowe11@nts-online.net
					CEO	PATRICIA KNIGHT	MAYOR	8066220534		NONE
480532	RANDALL COUNTY *	PARTICIPATING	ORIGINAL	06/04/10	FPA	Dodie Levitt	FPA	8066559890		dlevitt@randallcounty.org
					CEO	ERNIE HOUDASHELL	COUNTY JUDGE	8064685500		
485518	TIMBERCREEK CANYON,	PARTICIPATING	REVISED	06/04/10						
					CEO	TERRI WELCH	MAYOR	8066228036		
	**** REAGAN COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480534	BIG LAKE, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
481242	REAGAN COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	LARRY ISON	COUNTY JUDGE	3258842665		btucker@reagancounty.org
					CEO	JACK BLAKELY	MAYOR	9158842511		
	**** REAL COUNTY ****									
480979	CAMP WOOD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/15/85	FPA	Sondra Frenzel	FPA	8305972265		cityhall@swtexas.net
					CEO	BEN COX	MAYOR	8305972265		NONE
480980	LEAKEY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	Dee Dee Wally	City Sec			
					CEO	JESSE PENDLEY	MAYOR	8302326757		
480978	REAL COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/05/85	FPA	SID BORT	FLOODPLAIN COORDINATOR	8302325304		realcitydem@yahoo.com
					CEO	W. B. SAMSON, JR.	COUNTY JUDGE	8302325304	6040	
	**** RED RIVER COUNTY ****									
480982	ANNONA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/11/76	FPA	STANLEY O HALL	MAYOR	9036973681		
					CEO	CAROL MCNALLY		2146973681		
480983	AVERY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/14/82	FPA	BILLY MARTZ	FPA	9036843825		cityofavery@aol.com
					CEO	Billy Martz	Mayor			
480984	BOGATA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/06/76	FPA	KAY NEADING	CITY SECRETARY	9036325315		
					CEO	WILLIAM T HARBISON		2146325315		
481253	CLARKSVILLE, CITY OF	PARTICIPATING	ORIGINAL	06/04/90	FPA	DAN DENTON	SUPERINTENDANT			
					CEO	WAYNE DIAL	SUPERINTENDANT	9034273834		CITYMANAGER@CEBRIDGE.NET
480985	DETROIT, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	TRAVIS BRONNER	MAYOR	9036744573		cityofdetroit@neto.com
					CEO	TRAVIS BRONNER	MAYOR	9036744573		cityofdetroit@neto.com
480981	RED RIVER COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Morris Harville	County Judge	9034272680		
					CEO	POWELL PEEK	COUNTY JUDGE	9034272680		NONE
	**** REEVES COUNTY ****									
480537	BALMORHEA, CITY OF	PARTICIPATING	REVISED	09/16/88	FPA	LOUIS CONTRERES	FPA/FIRE CHIEF	4324481801		elweezie79718@yahoo.com
					CEO	RUBEN FUENTEZ	MAYOR	4323752307		citybalm@pecos.net
480538	PECOS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	Edgardo Madrid	Director of Public Works	4324452421		emadrid@cityofpecos.com
					CEO	Joseph G Torres	CITY MANAGER	9154452421		jtorres@classicnet.net

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480536	REEVES COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Sam H Contreras	COUNTY JUDGE	4324455418		samcontreras@yahoo.com
					CEO	MICHAEL H HARRISON	MARCOS MARTINEZ, JR. COMMISSIO	9154555418		
480539	TOYAH, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	BART SANCHEZ	MAYOR	4322593908		cityoftoyah@valornet.com
					CEO	SANDRA TERRY	MAYOR	4322593908		
	**** REFUGIO COUNTY ****									
481086	AUSTWELL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/04/85	FPA	Jane Barber	City Secretary			
					CEO	CARL ANDERSON	MAYOR	3612863523		
481586	BAYSIDE, CITY OF	PARTICIPATING	ORIGINAL	03/18/85	FPA	Billy Frick	CEO			
					CEO	Billy Fricks	MAYOR	3615296520		BAYSIDECITYOFFICE@ATT.NET
485501	REFUGIO COUNTY *	PARTICIPATING	REVISED	03/18/85	FPA	Rodger Fagan	FPA	3615264434		
					CEO	ROGER FAGAN	COUNTY JUDGE	3615264434		
480540	REFUGIO, TOWN OF	PARTICIPATING	REVISED	04/01/82	FPA	CALLIE SHRECKENGOST	TOWN SECRETARY			
					CEO	RAY JASO	MAYOR	3615265361		trcity@tisd.net
480987	WOODSBORO, TOWN OF	PARTICIPATING	ORIGINAL	07/16/81	FPA	Elizabeth Gonzalez	CITY SECRETARY	3615434505		
					CEO	George Hernandez	Mayor			
	**** ROBERTS COUNTY ****									
480541	MIAMI, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	KATHY THOMPSON	CITY SECRETARY	8068684791		NONE
481243	ROBERTS COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	VERNON H COOK, CO		8068683721		
					CEO	J. T. WEBB	WILLIAM CLARK, COMMISSIONER	8068683721		
	**** ROBERTSON COUNTY ****									
481096	BREMOND, CITY OF	NOT PARTICIPATING	NEVER MAPPED	11/19/76	FPA	NANCY HEATON	MAYOR, CITY OF BREMOND	2547467730		nancyheaton1@msn.com
					CEO	NANCY HEATON	MAYOR, CITY OF BREMOND	2547467730		
480989	CALVERT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/06/82	FPA	JIM DAVIS	UTILITIES SUPERVISOR	9793642881		
					CEO	MARCUS GREAVES	MAYOR	9793642881		
480990	FRANKLIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/06/82	FPA	ROMES WILLIAMS	Water & Wastewater Supt.	9798283257		city-of-franklin@hotmail.com
					CEO	CHARLES ELLISON	MAYOR, TOWN OF FRANKLIN	9798283257		
480542	HEARNE, CITY OF	PARTICIPATING	ORIGINAL	08/19/86	FPA	ROBERT PENNY	PUBLIC WORKS DIRECTOR	9793248155		peewee@cityofhearne.com
					CEO	MILTON JOHNSON	MAYOR, CITY OF HEARNE	9792793461		publicworks@cityofhearne.com

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480988	ROBERTSON COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/08						
	**** ROCKWALL COUNTY ****									
480544	FATE, CITY OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	Terry Millican	CITY ENGINEER	2145030555		tmillican@fmi-dallas.com
					CEO	Bill Broderick	MAYOR	9727714601		bbroderick@cityoffate.com
485471	GARLAND, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	Lyle Jenkins	Drainage & Development Enginee	9722053620		ljenkins@ci.garland.tx.us
					CEO	Ronald E Jones	Mayor	9722052400		
480545	HEATH, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	PEDRAM FARAHNAK	CITY ENGINEER	9727716228		
					CEO	PEDRAM FARAHNAK	CITY ENGINEER	9727716228		
480546	MCLENDON-CHISHOLM, CITY OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	DAVE BUTLER	CITY ADMINISTRATOR	9725242077		citymcsec@birch.net
					CEO	MICHAEL D DONEGAN	MAYOR	9725242077		
480074	MOBILE CITY, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/26/08						
					CEO	WANDA COOPER	MAYOR	9727713978		
480543	ROCKWALL COUNTY*	PARTICIPATING	REVISED	09/26/08	FPA	Ronald J Crane	Project Engineer			
					CEO	CHRIS FLORENCE	COUNTY JUDGE	9722046200		
480547	ROCKWALL, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Chuck Todd	Floodplain Administrator	9727717746		
					CEO	CHUCK TODD	FPA	9727717746		CTODD@ROCKWELL.COM
480185	ROWLETT, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Tom Harris	Asst. City Engineer	9724126286		tharris@rowlett.com
					CEO	John Harper	Mayor	9724632489		jharper@rowlett.com
480548	ROYSE CITY, CITY OF	PARTICIPATING	REVISED	06/02/09	FPA	John Ward	FPA/ Building Inspector	9726362250		JOHN.WARD@ROYSECITY.COM
					CEO	Jerrell Baley	MAYOR	9726362250		mayor@roysecity.com
	**** RUNNELS COUNTY ****									
480549	BALLINGER, CITY OF	PARTICIPATING	ORIGINAL	02/16/90	FPA	Steve Nixon	FPA	3253653511		
					CEO	ROBERT MOORE	MAYOR	3253653511		
480992	MILES, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	Amy Fisher	CITY SECRETARY, FPA			
					CEO	KIRK BOATNIGHT	WATER SUPT	3254683151		KJGBOATRIGHT@YAHOO.COM
480991	RUNNELS COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	MARILYN EGAN	COUNTY JUDGE	3253652633		rcjudge@wtxs.net
					CEO	MARILYN EGAN	COUNTY JUDGE	9153652633		rcjudge@aol.com

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480550	WINTERS, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50						
	**** RUSK COUNTY ****									
481145	EASTON, VILLAGE OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/89	FPA	WILLIS SAMMONS	MAYOR	9036432013		easton@etinternet.com
					CEO	WILLIS SAMMONS	MAYOR	9036432013		easton@etinternet.com
480551	HENDERSON, CITY OF	PARTICIPATING	ORIGINAL	09/27/91	FPA	Claude Reese	FPA/Building Inspector	9036576551	265	creese@hendersontx.us
					CEO	BUZZ FULLEN	MAYOR	9036576551		
480263	KILGORE, CITY OF	PARTICIPATING	REVISED	08/16/96	FPA	MIKE GREEN	FLOODPLAIN ADMINISTRATOR			
					CEO	BJ OWEN	DIR OF SPECIAL SERVICES	9039845081		B.J.OWEN@CITYOFKILGORE.COM
481124	MOUNT ENTERPRISE, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DAVID COLLINS	EMERGENCY MGMT COORDINATOR	9038223269		
					CEO	HARVEY GRAVES	MAYOR	9038223269		
481113	NEW LONDON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	Vicki Gerhardt	City Secretary	9038954466		
480994	OVERTON, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	BJ A POTTS		9038343171		bpotts@ci.overton.tx.us
					CEO	ROBERT YOUNG	MAYOR	9038343171		
480993	RUSK COUNTY*	PARTICIPATING	ORIGINAL	09/27/91	FPA	Patti Sullivan	FPA	9036570326		patricia.sullivan@co.rusk.tx.us
480995	TATUM, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/17/85	FPA	RON MARTIN	CHIEF OF POLICE			
					CEO	PHIL CORY	MAYOR	9039472260		
	**** SABINE COUNTY ****									
481548	BRONSON, CITY OF	DEFUNCT	NEVER MAPPED	04/01/80	FPA	RALPH MCBRIDE - MAYOR		4095862201		
					CEO	RALPH MCBRIDE	PO BOX 102	4095862201		
480997	HEMPHILL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/18/79	FPA	Don Isles	FPA/City Manager	4097872251		hemphillcitymanager@msn.com
480998	PINELAND, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/88	FPA	Chuck Corley	FPA/City Administrator	4095842390		gwelch@valornet.com
480996	SABINE COUNTY*	PARTICIPATING	NEVER MAPPED	01/02/50	FPA	Kerwin K. "2-K" Lloyd	FPA/911 Admin. Coordinator	4097873543		kerwin.lloyd@co.sabine.tx.us
					CEO	Gordon Thibodeaux	Emergency Operations Manager	4097872409		wd5bwl@sabinenet.com
	**** SAN AUGUSTINE COUNTY ****									

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481183	SAN AUGUSTINE COUNTY *	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/88						
480552	SAN AUGUSTINE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/19/82	FPA	DUKE LYONS	FPA/City Manager	9362752121		dukelyons@qzip.net
					CEO	PATRICK H FUSSELL	MAYOR	9362753491		
	**** SAN JACINTO COUNTY ****									
481599	COLDSPRING, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Nadene Hughes	FPA	9366533990		sjcpermits@co.san-jacinto.tx.us
					CEO	PAT EVERSOLE	MAYOR	9366533289		
481528	POINT BLANK, CITY OF	PARTICIPATING	NEVER MAPPED	05/01/79						
480553	SAN JACINTO COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Nadene Hughes	FPA	9366533990		sjcpermits@co.san-jacinto.tx.us
					CEO	FRITZ FAULKNER	COUNTY JUDGE	9366534331		fritz.faulkner@co.san-jacinto.tx.us
480554	SHEPHERD, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	05/18/82	FPA		send fpa to mayor	9366283305		mayor@shepherdtx.org
					CEO	Pat Lunsford	MAYOR	9366283305		mayor@shepherdtx.org
	**** SAN PATRICIO COUNTY ****									
485453	ARANSAS PASS, CITY OF	PARTICIPATING	REVISED	05/04/92	FPA	FRANK TRUITT	ASSISTANT CITY INSPECTOR	3617585415		ftruitt@aransaspasstx.gov
					CEO	RICK EWANISZYKW	CITY MANAGER	3617585301		rewaniszykw@aransas-pass-texas.com
480555	GREGORY, CITY OF	PARTICIPATING	ORIGINAL	04/15/81	FPA	Norma S Garcia	City Secretary	3616436562		
					CEO	FERNANDO P GOMEZ	MAYOR	3616436562		gregorycity@cableone.net
481645	INGLESIDE ON THE BAY, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DIANE HOSEA	CITY SECRETARY	3617765451		CITYSECIOB@PELICANCOAST.NET
					CEO	Cynthia B Foster	Mayor			
485480	INGLESIDE, CITY OF	PARTICIPATING	REVISED	08/04/04						
480175	LAKE CITY, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	Joyce Gauntt	Mayor Pro tem	3615473554		
					CEO	Jack Hoskins	MAYOR	3615473501		
480210	LAKESIDE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Laura Maxwell	City Council Member	3615473343		lmax_mathisems@yahoo.com
					CEO	ED GENTRY	MAYOR	3615472327		
480557	MATHIS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/23/79	FPA	Manuel Lara	city manager			
					CEO	VICENTE GONZALES	MAYOR	3615473343		
480558	ODEM, CITY OF	PARTICIPATING	REVISED	12/14/82						
480559	PORTLAND, CITY OF	PARTICIPATING	ORIGINAL	07/03/85	FPA	Albert Pardo	ASSISTANT TO CITY MANAGER	3616436501		ereining@portlandtx.com
					CEO	JOE BURKE	MAYOR	3616436501		joeburke1@juno.com

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485506	SAN PATRICIO COUNTY *	PARTICIPATING	REVISED	08/04/04						
481556	SAN PATRICIO, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	07/15/80	FPA	LONNIE GLASSCOCK, III	Mayor	3615472256		
					CEO	LONNIE GLASSCOCK, III	MAYOR			
485511	SINTON, CITY OF	PARTICIPATING	REVISED	07/16/81	FPA	Jackie Knox	CITY MANAGER	3613642381		ijknoxjr@sbcglobal.net
					CEO	JACKIE KNOX, JR	CITY MANAGER	3613642381		city1395@aol.com
481506	TAFT, CITY OF	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	M R Topper	City Manager			
					CEO	MIKE RHEA	CITY MANAGER	3615283512		
	**** SAN SABA COUNTY ****									
480562	RICHLAND SPRINGS, CITY OF	NOT PARTICIPATING	ORIGINAL	07/02/91	FPA	JOHN MCPHERSON,MAYOR	MAYOR	9154523393		
					CEO	DEAN ATCHINSON	MAYOR	3254523549		
481184	SAN SABA COUNTY*	PARTICIPATING	REVISED	07/02/91						
480563	SAN SABA, CITY OF	PARTICIPATING	REVISED	07/02/91	FPA	PAUL BEAVER	CITY INSPECTOR			
					CEO	AL J HAMRICK	CITY INSPECTOR	3253725144		INSPECTOR@CENTEX.NET
	**** SCHLEICHER COUNTY ****									
481000	EL DORADO, CITY OF	PARTICIPATING	ORIGINAL	09/01/04	FPA	Carolyn Stays	City Secretary			
					CEO	Carolyn MAYO	City Secretary	3258532691		CITYOFELDORADO@GMAIL.COM
480999	SCHLEICHER COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	JOHNNY GRIFFIN	COUNTY JUDGE			
					CEO	CHARLIE GRIFFIN	COUNTY JUDGE	3258532766		
	**** SCURRY COUNTY ****									
480564	SCURRY COUNTY*	NOT PARTICIPATING	NEVER MAPPED	05/10/77	FPA	JAMES R DOOLITTLE	COUNTY JUDGE	9155738576		
					CEO	PRESTON WILSON	ELDON PERRY, COMMISSIONER	9155738576		
481001	SNYDER, CITY OF	PARTICIPATING	ORIGINAL	02/04/81	FPA	VICK CHAMBERS	BUILDING INSPECTOR			
					CEO	VICK CHAMBERS	ZONING DIRECTOR	3255734959		vchambers@ci.snyder,tx,ys
	**** SHACKELFORD COUNTY ****									
480565	ALBANY, CITY OF	PARTICIPATING	ORIGINAL	07/17/86	FPA	Bobby R Russell		3257623133		
					CEO	BOBBY R RUSSELL	CITY MANAGER	3257622760		
481003	MORAN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			9159453441		

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481002	SHACKELFORD COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85	FPA	ROSS MONTGOMERY	COUNTY JUDGE	3257622232		
					CEO	ROSS MONTGOMERY	COUNTY JUDGE	3257622232		judgeross@sbcglobal.net
	**** SHELBY COUNTY ****									
480566	CENTER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/04/85	FPA	CHAD NEHRING	FPA/City Manager	9365982941	2008	cnehring@ci.center.tx.us
					CEO	John D Windham	Mayor	9365982941		centercityhall@qzip.net
481311	HUXLEY, TOWN OF	PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	LARRY VAUGHAN	MAYOR	9363682266		cohuxley@yahoo.com
481005	JOAQUIN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/18/85	FPA	TERESA HUGHES	FPA	9362693021		joaquincity1914@yahoo.com
					CEO	Steve Hughes	Mayor	9362693021		joaquincity@joaquinisd.net
481004	SHELBY COUNTY*	NOT PARTICIPATING	NEVER MAPPED	08/01/78						
					CEO	Rick Campbell	County Judge	9365983863		rick.campbell@co.shelby.tx.us
481006	TENAHA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/03/85						
					CEO	JOYCE BAILEY	CITY SECRETARY	9362483841		TENAHASECRETARY@VALORNET.COM
481007	TIMPSON, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	LARRY BURNS	FPA/EMC	9362542421		cityoftimpson@sbcglobal.net
					CEO	DOUGLAS MCDONALD	MAYOR	9362542421		timpson@loblolly.org
	**** SHERMAN COUNTY ****									
481008	SHERMAN COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	W.C.(BILL) FESLER, CO		8063962021		
					CEO	W.C.(BILL) FESLER	JOE EVERETT, COMMISSIONER	8063962021		
481009	STRATFORD, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			8063665581		
481128	TEXHOMA, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA			8068277411		
	**** SMITH COUNTY ****									
480567	ARP, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Dale Brown	Public Works Director	9038596131		cityofarp9@aol.com
					CEO	Vernon Bedair	Mayor	9038596131		
480568	BULLARD, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/26/08	FPA	Larry Morgan	City Manager	9038947223		bullardcity@embarqmail.com
					CEO	LARRY MORGAN	CITY MANAGER	9038947223		
480200	HIDEAWAY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	DUANE SPAETH	FPA/Mayor	9038823889		dshawl147@sbcglobal.net
					CEO	BILL KASHOUTY	MAYOR	9038829854		mayor-bk-1938@att.net

Federal Emergency Management Agency
Community Listing of CEO and FPA
TEXAS

CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480569	LINDALE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Charles West	Community Development Director	9038826861		charlesw@lindaletx.gov
					CEO	Owen Scott	City Administrator	9038823422		owenscott@lindaletx.gov
480183	NOONDAY, CITY OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	MIKE TURMAN	MAYOR	9035613351		
					CEO	MIKE TURMAN	MAYOR	9035613351		conoonday@etwifi.net
481185	SMITH COUNTY *	PARTICIPATING	REVISED	09/26/08	FPA	Doug Nicholson	Road Administrator	9035904800		
					CEO	DOUG NICHOLSON	ROAD ADMINISTRATOR	9035904800		DNICHOLSON@SMITH-COUNTY.COM
480570	TROUP, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Russ G Obar	FPA/City Administrator	9038423128		troupadmin@embarqmail.com
					CEO	John Whitsell	Mayor	9038423128		
480571	TYLER, CITY OF	PARTICIPATING	REVISED	09/26/08						
480572	WHITEHOUSE, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Ronny Fite	City Manager			
					CEO	Mike Peterson	Director Community Development	9038394914		mpeterson@whitehousetx.org
480573	WINONA, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	James Bixler	FPA/City Administrator	9038773381		cityadmin@winonatexas.com
					CEO	Rusty Smith	Mayor	9038773381		rusty.smith@trane.com
	**** SOMERVELL COUNTY ****									
480574	GLEN ROSE, CITY OF	PARTICIPATING	REVISED	04/03/95	FPA	Wade Bush	Floodplain Manager	2548972272		
					CEO	PAM MILLER	MAYOR	2548972272		
481186	SOMERVELL COUNTY*	PARTICIPATING	REVISED	04/03/95	FPA	WADE BUSH	Floodplain Manager	2548972239		wbush@valornet.com
					CEO	WALTER MAYNARD	COUNTY JUDGE	2548972322		
	**** STARR COUNTY ****									
480576	LA GRULLA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/19/10	FPA	Oscar V Gonzalez	MAYOR	9564873341		cityoflagrulla@medinaec.com
					CEO	Brenda Villarreal	MAYOR	9564873341		cityoflagrulla@medinaec.com
481678	RIO GRANDE CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/19/10	FPA	Elisa Y Beas	PLANNING DEPARTMENT	9564888728		
					CEO	Ruben O Villarreal	MAYOR	9564870672		
480577	ROMA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/19/10	FPA	Joe Garza	FLOOD PLAIN ADMINISTRATOR	9568491411		jgarza@cityofroma.net
					CEO	Rogelio Yvarra	Mayor	9568491411		
480575	STARR COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/19/10	FPA	RICKY CORONA	Designated Representative			RICKY_CORONA@YAHOO.COM
					CEO	Eloy Vera	County Judge	9567164800		
	**** STEPHENS COUNTY ****									

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480578	BRECKENRIDGE, CITY OF	PARTICIPATING	REVISED	01/02/91	FPA	Roger McMullen	Floodplain Administrator	2545598287		
					CEO	DAN YOUNG	SHERIFF/EMC	2545592481		SCCO@TEXASOSP.COM
481244	STEPHENS COUNTY *	PARTICIPATING	ORIGINAL	01/02/91	FPA	Gary L Fuller	County Judge	2545592190		
					CEO	GARY L FULLER	COUNTY JUDGE	2545592190		sccomcrt@bitstreet.com
	**** STERLING COUNTY ****									
480579	STERLING CITY, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	ANGIE PAURDSON	CITY SECRETARY			
					CEO	MARLA ARIZOLA	CITY SECRETARY	3253782811		CITYOFSTERLINGCITY-TX@HOTMAIL.COM
481245	STERLING COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** STONEWALL COUNTY ****									
481093	ASPERMONT, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	P. C CARR - MAYOR		9409893585		
					CEO	P. C CARR	OSCAR DICKERSON, MAYOR	9409893585		
481246	STONEWALL COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** SUTTON COUNTY ****									
480580	SONORA, CITY OF	PARTICIPATING	ORIGINAL	02/17/89	FPA	Dean Carrell	City Manager	3253872558		
					CEO	Virgil A Polocek	MAYOR	3253872558		cityhall@sonoratx.net
481247	SUTTON COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87						
	**** SWISHER COUNTY ****									
481011	HAPPY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/07	FPA	N. Scott Downing	Municipal Court Judge Magistra	8065582121		nsdhappy@yahoo.com
					CEO	SARA TIREY	MAYOR	8065582121		
481012	KRESS, CITY OF	PARTICIPATING	NEVER MAPPED	02/21/75	FPA	Kenny Hughes	City Administrator			
					CEO	LOUISE KIRK	MAYOR	8066842525		
481010	SWISHER COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/87						
480581	TULIA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/88						
	**** TARRANT COUNTY ****									
485454	ARLINGTON, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	J. William Brown, PE	Public Works Department	8174596567		
					CEO	Robert Cluck	Mayor	817459612		robert.cluck@arlingtontx.gov

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
								2		
480584	AZLE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Kyle Culwell	Streets and Parks Superintende	8174442541		kculwell@ci.azle.tx.us
					CEO	Dana Doss-McLaughlin	Neighorhood Service Supervisor	8174447084		ddoss@ci.azle.tx.us
480585	BEDFORD, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	JOHN KUBALA	PUBLIC WORKS DIRECTOR/FPA	8179522248		jkubala@ci.bedford.tx.us
					CEO	James Story	Mayor	8179522101		
480586	BENBROOK, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	David R Gattis, AICP, CFM,	Deputy City Manager	8172493000	6006	dgattis@cityofbenbrook.com
					CEO	Andy Wayman ICMA-CM	City Manager	8172493000	6002	wayman@cityofbenbrook.com
480587	BLUE MOUND, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Gary Gage	Mayor Pro-Tem			
					CEO	Alan Hooks	Mayor	8172320663		
480588	BRIAR, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
485459	BURLESON, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Mandy Clark	Civil Engineer	8174475400		mclark@burlesontx.com
					CEO	Ken D Shetter	Mayor	8174475400		kshetter@burlesontx.com
480590	COLLEYVILLE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Jeremy Hutt	FPA/City Engineer	8175031095		jhutt@colleyville.com
					CEO	David Kelly	Mayor	8175031139		HUTTJ@CI.COLLEYVILLE.TX.US
480591	CROWLEY, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Cheryl McClain	Floodplain Administrator	8172972201	100	chammonds@ci.crowley.tx.us
					CEO	Billy Davis	Mayor	8172972201	110	
481013	DALWORTHINGTON GARDENS,	PARTICIPATING	REVISED	09/25/09	FPA	Melinda G Brittain	City Adm/Floodplain Mgr	8172747368		MELINDA@DWG.NET
					CEO	Michael Tedder	Mayor	8172747368		chief@cityofdwg.net
480592	EDGECLIFF VILLAGE, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA	Roger Kinseth	Floodplain Manager	8172934313		kinseth@msn.com
					CEO	Tony Dauphinos	Mayor	8172934313		
480593	EULESS, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Robert Barker	City Engineer	8176851881		rbarker@ci.euless.tx.us
					CEO	Mary Saleh	Mayor	8176851420		
480594	EVERMAN, CITY OF	PARTICIPATING	REVISED	09/25/09						
480595	FOREST HILL, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	NADER JERI	Building Official	8175315700		foresthillpw@usa.com
					CEO	James Gosey	Mayor	8175683000		
480596	FORT WORTH, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Clair Davis, P.E., CFM	Asst Floodplain Administrator	8173925981		clair.davis@fortworthgov.org
					CEO	Michael J Moncrief	Mayor	8173926118		
485472	GRAND PRAIRIE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Gabriel JOHNSON	FPA	9722378157		gjohnson@gptx.org
					CEO	Charles England	Mayor	9722378035		mayorcharlesengland@gptx.org

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480598	GRAPEVINE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	John Robertson, P.E.	Civil Engineer	8174103138	41	jrobertson@grapevinetexas.gov
					CEO	William D Tate	Mayor	8174812591		wtate@grapevinetexas.gov
480599	HALTOM CITY, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	TOM ICE	CITY ENGINEER	8178349036		
					CEO	Bill Lanford	Mayor	8172227700		mayor@haltomcitytx.com
480600	HASLET, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	David Rogers	Public Works Director	8174395931	3	
					CEO	Gary Hulsey	Mayor	8174395931		fleong.haslet@esw.net
480601	HURST, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Abbie Jones	Engineering Tech	8177887080		
					CEO	Richard Ward	Mayor	8177887000		
480602	KELLER, CITY OF	PARTICIPATING	REVISED	09/25/09						
480603	KENNEDALE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	James Cowey	Building Official	8174785418	105	
					CEO	Bryan Lankhorst	Mayor	8174785418		
480605	LAKE WORTH, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Jamye Sexton	Dir Public Works			
					CEO	Walter Bowen	Mayor	8172377210		
480604	LAKESIDE, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	09/25/09	FPA	BRAD WEDELL	Town Administrator	8172371234	303	bwadell@lakesidetexas.us
					CEO	BILL WALKER	MAYOR	8172371234		bwalker@lakesidetexas.us
480606	MANSFIELD, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Bart VanAmburgh	City Engineer	8172764233		
					CEO	David Cook	Mayor	8172764200		
480607	NORTH RICHLAND HILLS, CITY	PARTICIPATING	REVISED	09/25/09	FPA	Caroline Waggoner, P.E., CFM	Civil Engineer	8174276406		
					CEO	Oscar Trevino	Mayor	8174276406		CLWAGGONER@NRHTX.COM
481116	PANTEGO, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA	Ron Edwards	Public Works Director	8172741381		
					CEO	Jason Williams	Mayor	8172741381		
481653	PELICAN BAY, CITY OF	PARTICIPATING	REVISED	09/25/09						
480969	RENO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/25/09	FPA	Scott Passmore		8172212500		
					CEO	Roen Cox	Mayor	8172212500		
480608	RICHLAND HILLS, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Michael Barnes, P.E.	Public Works Director	8172991830		
					CEO	Michael Barnes, P.E.	Public Works Director	8172991835		MBARNES@RICHLANDHILLS.COM
480609	RIVER OAKS, CITY OF	PARTICIPATING	REVISED	09/25/09						
480785	ROANOKE, CITY OF	PARTICIPATING	REVISED	09/25/09						
480610	SAGINAW, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Terry HIghfill	Director of Public Works			
					CEO	MARK WHITE	Director of Public Works	8172300500		MWHITE@CI.SAGINAW.TX.US

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480611	SANSOM PARK, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Tony White	FPA			
					CEO	GORDON SMITH	DIRECTOR OF PUBLIC WORKS	8176263791		GSMITH@SANSOMPARK.ORG
480612	SOUTHLAKE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	GORDON MAYER	CITY ENGINEER	8177488089		gmayer@ci.southlake.tx.us
					CEO	John Terrell	Mayor	8174815581		
480582	TARRANT COUNTY*	PARTICIPATING	REVISED	09/25/09	FPA	Joe Trammel, P.E.	FPA / County Engineer	8178841250		jltrammel@tarrantcounty.com
					CEO	GLEN WHITLEY	COUNTY JUDGE	8178841441		
480613	WATAUGA, CITY OF	PARTICIPATING	REVISED	09/25/09						
480614	WESTLAKE, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA	Thomas Brymer	Town Engineer	8176408535		tbrymer@grahamcivil.com
					CEO	Laura Wheat	Mayor	8174300941		townhall@westlake-tx.org
480615	WESTOVER HILLS, TOWN OF	PARTICIPATING	REVISED	09/25/09	FPA	Tim Chambers	Public Works Director			
					CEO	Earl Shields	Mayor	8177373127		
480616	WESTWORTH VILLAGE, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Gary A Robinson	Administrator	8177383673	7	grobinson@ci.westworth.tx.us
					CEO	Andy Fonetenot	Mayor	8177383673		
480617	WHITE SETTLEMENT, CITY OF	PARTICIPATING	REVISED	09/25/09	FPA	Randell Brown	Director Public Works	8172464971		cbarry@wstx.us
					CEO	Jerry Burns	Mayor	8172464971		wscity@ci.white-settlement.tx.us
	**** TAYLOR COUNTY ****									
485450	ABILENE, CITY OF	PARTICIPATING	REVISED	02/03/93	FPA	CODY MARSHALL	FPA	3256766282		Cody.Marshall@abilenetx.com
					CEO	Norm Archibald	Mayor	3256766315		
481138	BUFFALO GAP, TOWNSHIP OF	PARTICIPATING	ORIGINAL	03/16/88	FPA	DAVID PERRY	MAYOR	3256952372		buffalogap@taylortel.net
					CEO	David Perry	Mayor	3255723347		buffalogap@taylortel.net
481294	IMPACT, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/10/77	FPA	JACK SHARP	Mayor	3256755188		
					CEO	JACK SHARP	MAYOR	3256755188		
481015	LAWN, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	06/25/76	FPA	D Baxter	City Councilman			
					CEO	VERONICA BURLESON	MAYOR	9155832510		
481016	MERKEL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	01/01/08	FPA	Kevin Hagan	CITY MANAGER	3259284911		
					CEO	DONNIE EDWARDS	CITY MANAGER	3259284911		DONNIE@MERKELTEXAS.COM
481014	TAYLOR COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/87	FPA	Mike Peel	Floodplain Administrator			peelm@taylorcountytexas.org
					CEO	Mike Peel	Floodplain Administrator	3256741393		PEELM@TAYLORCOUNTYTEXAS.OR
481130	TRENT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/08	FPA	Ray King	WATER PLANT SUPERINTENDENT	3253385171		
					CEO	Debbie Boles	City Secretary	325862628		

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								1		
481017	TUSCOLA, TOWN OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89						
481018	TYE, CITY OF	PARTICIPATING	NEVER MAPPED	07/11/75	FPA	Lary Teaff	Building Official	3256928588		tyecop@yahoo.com
					CEO	Lary Teaff	Floodplain Manager	3256928588		tyecop@yahoo.com
	**** TERRELL COUNTY ****									
480619	TERRELL COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Leo Smith	County Judge			
					CEO	LEO SMITH	COUNTY JUDGE	4323452421		co.judge@co.terrell.tx.us
	**** TERRY COUNTY ****									
480620	BROWNFIELD, CITY OF	PARTICIPATING	ORIGINAL	09/30/81	FPA	Mitch McElroy				
					CEO	Mitch McElroy	CITY INSPECTOR	8066374547		MDMCELROY@VALORNET.COM
481020	MEADOW, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/22/75	FPA	Katherine R Saulters	City Secretary	8065392377		cityofmeadow@door.net
					CEO	DALE WYLIE	DALE WYLIE, MAYOR	8065392377		
481019	TERRY COUNTY*	PARTICIPATING	NEVER MAPPED	06/14/77	FPA	Mitch McElroy				
					CEO	Mitch McElroy	CITY INSPECTOR	8066374547		MDMCELROY@VALORNET.COM
	**** THROCKMORTON COUNTY**									
481021	THROCKMORTON COUNTY *	NOT PARTICIPATING	NEVER MAPPED	05/27/80	FPA	JOE E THOMPSAN	COUNTY JUDGE	9408493081		
					CEO	W.T. LINDSEY	H.L. MARTIN, COMMISSIONER	9408493081		
480693	THROCKMORTON, CITY OF	PARTICIPATING	ORIGINAL	04/15/77						
481022	WOODSON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/91						
	**** TITUS COUNTY ****									
480621	MOUNT PLEASANT, CITY OF	PARTICIPATING	REVISED	03/09/99						
481024	TALCO, CITY OF	NOT PARTICIPATING	NEVER MAPPED	10/22/76						
					CEO	Mike Sloan		9033793331		
481023	TITUS COUNTY*	NOT PARTICIPATING	NEVER MAPPED	06/03/77	FPA	Larry W McRae	Emergency Management Coordinat	9035776791		lmcrae@mpcity.org
					CEO	Sam W Russell	County Judge	9035776791		
481025	WINFIELD, CITY OF	NOT PARTICIPATING	NEVER MAPPED	11/12/76	FPA	K				
					CEO	John K Walton	Mayor	9035242020		jwalton@millennium.net

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
	**** TOM GREEN COUNTY ****									
480623	SAN ANGELO, CITY OF	PARTICIPATING	REVISED	03/02/94	FPA	Clinton Bailey	City Engineer/FPA	3256574203		
					CEO	JOSEPH W LOWN	MAYOR	3256574405		
480622	TOM GREEN COUNTY *	PARTICIPATING	REVISED	07/19/00	FPA	PAM WEISHUHN	FPA	3256581038		pamweishuhn@hotmail.com
					CEO	MIKE D BROWN	COUNTY JUDGE	3256533318		
	**** TRAVIS COUNTY ****									
480624	AUSTIN, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Kevin Shunk	Floodplain Administrator	5129743362		
					CEO	Lee Leffingwell	Mayor	5129742250		
481610	BEE CAVE, VILLAGE OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	Giancarlo Patino	Engineer Associate	5127676672		gpatino@beecavetexas.gov
					CEO	CAROLINE MURPHY	MAYOR	5122632151		
481649	BRIARCLIFF, VILLAGE OF	PARTICIPATING	REVISED	09/26/08	FPA	CHARLES GARRETT	FPA	5122642274		vbriarcliff@hotmail.com
					CEO	JAMES HAMNETT	MAYOR	5122642274		vbriarcliff@hotmail.com
481697	CREEDMOOR, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA			5122436700		
					CEO	ROBERT WILHITE	MAYOR	5122436700		
481608	GARFIELD, VILLAGE OF	DEFUNCT	NEVER MAPPED	01/01/50	FPA	Stacey Scheffel	TRAVIS COUNTY Floodplain Admin			
481597	JONESTOWN, CITY OF	PARTICIPATING	REVISED	09/26/08						
481588	LAGO VISTA, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Linda Alger	FPA	5122675259		lalger@lago-vista.org
					CEO	Frank Robins	Asst City Mgr	5122673253		frobbins@lago-vista.org
481303	LAKEWAY, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	SHANNON BURKE	FPA	5123147588		
					CEO	STEVE SWAN	MAYOR	5123147502		
481027	MANOR, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	TOM BOLTS	CITY DEVELOPMENT	5122725555		ptate@cityofmanor.org
					CEO	JOE SANCHEZ	MAYOR	5122725555		mayor@cityofmanor.com
481687	MUSTANG RIDGE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Darryl Swann	Building Official	5128454078		
					CEO	ALFRED VALLEJO, II	MAYOR	5122431775		
481028	PFLUGERVILLE, CITY OF	PARTICIPATING	REVISED	09/26/08						
481691	POINT VENTURE, VILLAGE OF	PARTICIPATING	REVISED	09/26/08	FPA	Melissa	FLOODPLAIN ADMINISTRATOR	5122675511		buildingcommission@vopv.org
					CEO	CHANCE CHATHAM	SECRETARY			POINTVENTUREVILLAGE@YAHOO.COM
481029	ROLLINGWOOD, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Vicky Rudy	FPA			
					CEO	KENNY WATKINS	CITY ENGINEER	5123287878		KENNYWATKINS@AUSTIN.RR.COM

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
481305	SAN LEANNA, VILLAGE OF	PARTICIPATING	REVISED	09/26/08	FPA	Kathleen Lessing	FLOODPLAIN ADMINISTRATOR	5122803898		fmhaustin@austin.rr.com
					CEO	JAMES E PAYNE	MAYOR	5122803898		sanleanna@yahoo.com
481127	SUNSET VALLEY, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Vanessa S Shrauner	Assistant CITY ADMINISTRATOR	5128921383		vshrauner@sunsetvalley.org
					CEO	Jeff Mills	MAYOR	5128921383		
480063	THE HILLS, VILLAGE OF	PARTICIPATING	REVISED	09/26/08	FPA	DAN ROARK	Village Administrator	5122616281		jessegriffith@hurstcreekmud.org
					CEO	VIRGINIA JONES	MAYOR	5122616281		fjones6@austin.rr.com
481026	TRAVIS COUNTY*	PARTICIPATING	REVISED	09/26/08						
481696	VOLENTE, VILLAGE OF	PARTICIPATING	REVISED	09/26/08	FPA	Jennifer Zufelt	Floodplain Manager	5122502075		VOLENTE@SBCGLOBAL.NET
					CEO	JAN YENAWINE	Mayor	5122502075		volente@sbcglobal.net
480062	WEBBERVILLE, VILLAGE OF	NOT PARTICIPATING	ORIGINAL	09/26/08	FPA			5122761865		
					CEO	HECTOR GONZALES	MAYOR	5122761865		themayor@webberville.org
481030	WEST LAKE HILLS, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Jim Stearman	City Inspector / FPA			
					CEO	JAMES Stearman	City Inspector / FPA	5723273628		CODEINSPEC@WESTLAKEHILLS.OR
	**** TRINITY COUNTY ****									
481032	GROVETON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	06/19/85						
481031	TRINITY COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	MARK EVANS	COUNTY JUDGE	9366421746		mark.evans@co.trinity.tx.us
					CEO	MARK EVANS	COUNTY JUDGE	9366421746		TJUDGE@CONSOLIDATED.NET
481033	TRINITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/87	FPA	KEN NEWTON	FPA	9365942507		cityoftrinity@valornet.com
					CEO	LYLE STUBBS	MAYOR	9365942132		cityoftrinity@valornet.com
	**** TYLER COUNTY ****									
481140	CHESTER, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	Annette Hickman	City Secretary	9369692360		
					CEO	Elton Lawrence	Mayor	9369692360		
481034	TYLER COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	10/01/91	FPA	Steve P Bell	EMERGENCY MGMT COORDINATOR	4093310553		stevebell.emg@co.tyler.tx.us
					CEO	Jacques L Blanchette	County Judge	4092832141		apelly.cojudge@co.tyler.tx.us
481035	WOODVILLE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	10/26/82	FPA	Chuck Comte	CITY Administrator/FPA	4092832234		chuck@woodville-tx.gov
					CEO	Ben Bythewood	Mayor	4092832234		chuck@woodville-tx.gov
	**** UPSHUR COUNTY ****									

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481037	BIG SANDY, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
					CEO	Wayne Weese	Mayor	9036364343		
480535	CLARKSVILLE CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/09	FPA	Billy Silvertooth	FPA	9038452681		citymgr@suddenlinkmail.com
					CEO	Larry Allen	Mayor	9038452681		citymgr@suddenlinkmail.com
480625	GILMER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/01/85	FPA	Mike Catron	FPA	9038438200		mcatron@etex.net
					CEO	R.D. Cross	Mayor	9038432553		
480262	GLADEWATER, CITY OF	PARTICIPATING	ORIGINAL	01/16/81	FPA	J Stokes	FPA	9038452196		
					CEO	Walter Derrick	Mayor	9038452196		
480264	LONGVIEW, CITY OF	PARTICIPATING	REVISED	05/18/99	FPA	Alton E Bradley	Floodplain Adm	9032371053		madas@ci.longview.tx.us
					CEO	Jay Dean	Mayor, City of Longview	9032371021		
481038	ORE CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/14/82	FPA	Gail Weir	FPA			
					CEO	Glenn Breazeale	Mayor			
481036	UPSHUR COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	05/01/87	FPA	Paul Steelman	Emergency Management	9036808241		
					CEO	Dean Fowler	County Judge	9038434003		dane.fowler@countyofupshur.com
480840	WARREN CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	07/03/85	FPA	Violet Melton				
					CEO	Ricky Wallace	Mayor			
	**** UPTON COUNTY ****									
481539	MCCAMEY, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	LOU ANN WATSON		4326523333		l.a.watson43@sbcglobal.net
480628	RANKIN, CITY OF	NOT PARTICIPATING	NEVER MAPPED	03/12/76	FPA	ELVEEN P WEST, MAYOR		9156932474		
					CEO	ROGER STAFFORD	MAYOR	9156932474		
481248	UPTON COUNTY *	PARTICIPATING	NEVER MAPPED	01/01/50						
	**** UVALDE COUNTY ****									
481039	SABINAL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07						
					CEO	Lewis Landeros, Jr.	Mayor	8309882218		
480629	UVALDE COUNTY*	PARTICIPATING	REVISED	08/16/96	FPA	WILLIAM R MITCHELL	Judge and FPA	8302783216		wrmcj@uvaldecounty.com
					CEO	WILLIAM R MITCHELL	UVALDE COUNTY JUDGE	8302783216		wrmcj@uvaldecounty.com
480630	UVALDE, CITY OF	PARTICIPATING	REVISED	08/16/96						
	**** VAL VERDE COUNTY ****									

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480631	DEL RIO, CITY OF	PARTICIPATING	REVISED	08/15/90						
					CEO	Efrain V Valdez	Mayor, City of Del Rio	8307748558		
481187	VAL VERDE COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	06/01/87	FPA	Roger Cerny	FPA - RISK MGMT OFFICER	8307747570		roger_cerny@valverdecounty.org
					CEO	Mike Fernandez	County Judge	8307747570		
	**** VAN ZANDT COUNTY ****									
480632	CANTON, CITY OF	PARTICIPATING	ORIGINAL	09/29/86						
480635	EDGEWOOD, CITY OF	NOT PARTICIPATING	NEVER MAPPED	04/02/76	FPA	Charles Prator	MAYOR	9038964448		cityofedgewood@hotmail.com
					CEO	CHARLES PRATER	MAYOR	9038964448		
481146	EDOM, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	Eddie Wood	Fire Chief	9038523976		
					CEO	Barbara Crow	Mayor	9038526397		
481041	FRUITVALE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/89	FPA	CARL WADDELL	MAYOR	9038967635		
					CEO	CARL WADDELL	MAYOR	9038967635		
480634	GRAND SALINE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/23/82	FPA	GENE E PUTMAN	PUBLIC WORKS DIRECTOR	9039623122		gepgs@yahoo.com
					CEO	Sandra Bozeman	MAYOR	9039623122		
481040	VAN ZANDT COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/04						
480636	VAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	11/23/82	FPA	GARY MCDANIEL	CITY ADMINISTRATOR	9039637216		
					CEO	Billy Wilson	MAYOR	9039637201		
480633	WILLS POINT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	03/01/88						
	**** VICTORIA COUNTY ****									
480637	VICTORIA COUNTY*	PARTICIPATING	REVISED	11/20/98						
480638	VICTORIA, CITY OF	PARTICIPATING	REVISED	07/21/99	FPA	John A Johnston, P.E.	Floodplain Administrator	3614853320		jjohnston@victoriatx.org
					CEO	WILL A ARMSTRONG	MAYOR	3614853000		jjohnston@victoriatx.org
	**** WALKER COUNTY ****									
480639	HUNTSVILLE, CITY OF	PARTICIPATING	REVISED	05/07/01	FPA	Steve Stacy, P.E.	Director of Public Works	9362915760		
					CEO	STEVE Stacy, P.E.	Director of Public Works			
481043	NEW WAVERLY, CITY OF	PARTICIPATING	NEVER MAPPED	06/25/76						
481044	RIVERSIDE, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	11/01/07						

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481042	WALKER COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	05/07/01	FPA	ANDREW ISBELL	PLANNING AND DVLPMT DIR/FPA	9364364939		aisbell@co.walker.tx.us
					CEO	DANNY PIERCE	COUNTY JUDGE	9364364910		slpagoda@yahoo.net
	**** WALLER COUNTY ****									
481097	BROOKSHIRE, CITY OF	PARTICIPATING	REVISED	02/18/09	FPA	Frank Lasker	Public Works Director	2813755050		mmcfarland@consolidated.net
					CEO	Joseph Vaughn	Mayor	2813755050		
481045	HEMPSTEAD, CITY OF	PARTICIPATING	REVISED	02/18/09	FPA	Daniel Banks	building official/code enforce			
					CEO	PAT SCHNEIDER	PERMIT CLERK	9798262486		PSCHNEIDER1125@YAHOO.COM
480301	KATY, CITY OF	PARTICIPATING	REVISED	02/18/09						
481527	PATTISON, CITY OF	PARTICIPATING	REVISED	02/18/09						
480080	PINE ISLAND, CITY OF	NOT PARTICIPATING	ORIGINAL	02/18/09						
					CEO	Debra Ferris	Mayor	9798266964		
481544	PRAIRIE VIEW, CITY OF	PARTICIPATING	REVISED	02/18/09	FPA	Carl Jones	FPA/City Secretary	9368573711		cjones@prairieviewtexas.gov
					CEO	Frank D Jackson	Mayor	9368574298		fjackson@prairieviewtexas.gov
480640	WALLER COUNTY*	PARTICIPATING	REVISED	02/18/09	FPA	Orval E Rhoads	County Engineer	9798267670		o.rhoads@wallercotx.com
					CEO	Owen Ralston	County Judge	9798267700		
480641	WALLER, CITY OF	PARTICIPATING	REVISED	02/18/09						
	**** WARD COUNTY ****									
480642	BARSTOW, CITY OF	NOT PARTICIPATING	NEVER MAPPED	06/25/76	FPA	ABRAM FLORES	MAYOR	4324456838		
					CEO	ANGEL ABILA	ABRAM FLORES, MAYOR	4324456838		
480643	GRANDFALLS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87	FPA	ROGER Mullins	CITY ADMINISTRATOR			
					CEO	JOE GILBERT	CITY ADMINISTRATOR	4325472331		CITYOFGRANDFALLS@YAHOO.COM
480644	MONAHANS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	02/01/88	FPA	BOBBY SINCLAIR	DIRECTOR OF UTILITIES	4329434343		
					CEO	DAVID MILLS	CITY MANAGER	4329434343		monahansed@aol.com
480645	PYOTE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	02/06/76	FPA			9153895660		
480646	THORNTONVILLE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	HAL CALLAWAY, MAYOR		9159433752		
					CEO	HAL CALLAWAY	C.E. MOTLEY, MAYOR	9159463933		
481249	WARD COUNTY *	PARTICIPATING	NEVER MAPPED	10/25/77						
480647	WICKETT, CITY OF	SUSPENDED	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/88	FPA	Beverly McJitt	City Secretary	4329436765		
					CEO	TOM F LINDSEY	CITY COUNCIL	9129436765		

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	**** WASHINGTON COUNTY ****									
480648	BRENHAM, CITY OF	PARTICIPATING	ORIGINAL	08/17/81	FPA	Allen Jacobs	FPA	9793377211		ajacobs@ci.brenham.tx.us
					CEO	MILTON TATE	MAYOR	9793377200		
480649	BURTON, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	Betsy Zeiss	City Secretary	9792893402		burtonsecr@texasbb.com
					CEO	Peggy A Felder	Mayor	9792893402		burtonsecr@texasbb.com
481188	WASHINGTON COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	12/01/07						
	**** WEBB COUNTY ****									
481060	BRUNI, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/02/50						
480070	EL CENIZO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/02/08	FPA	Raul L Reyes	MAYOR	9567129107		mayor@cityofelcenizo.com
					CEO	RAUL REYES	MAYOR	9567129107		
480651	LAREDO, CITY OF	PARTICIPATING	REVISED	04/02/08	FPA	Samuel Keith Selman, AICP	Floodplain Manager	9567941613		
					CEO	FERNANDO C MORALES JR	PLANNER	9567941608		TMORALES@CI.LAREDO.TX.US
481684	RIO BRAVO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	04/02/08	FPA	JUAN G GONZALES	MAYOR	9567252807		jg065095@yahoo.com
					CEO	Juan G Gonzalez	Mayor	9562352458		
481059	WEBB COUNTY*	PARTICIPATING	REVISED	04/02/08	FPA	Rhonda Tiffin	FPA			rhonda@webbcountytx.gov
					CEO	Danny Valdez	County Judge			bgrando@webbcountytx.gov
	**** WHARTON COUNTY ****									
480650	EAST BERNARD, CITY OF	PARTICIPATING	ORIGINAL	04/05/06	FPA	Monica Martin	CFM	9795328587		wcpermits@intertex.net
					CEO	BUCK BOETTCHER	MAYOR	9793357573		
480653	EL CAMPO, CITY OF	PARTICIPATING	REVISED	04/05/06	FPA	ANDY WALIGURA	DIRECTOR BUILDING AND ZONING			
					CEO	ANDY WALIGURA	BLDG OFFICIAL	9795415020		AWALIGURA@CI.EL-CAMPO.TX.US
480652	WHARTON COUNTY*	PARTICIPATING	REVISED	04/05/06	FPA	MONICA MARTIN	DIRECTOR PERMIT INSPECTION			
					CEO	MONICA MARTIN	FPA	9795328587		MONICA.MARTIN@CO.WHARTON.TX.US
480654	WHARTON, CITY OF	PARTICIPATING	ORIGINAL	04/05/06	FPA	Prudencio Arriga	Floodplain Administrator	9795322491		
					CEO	RONNIE BOLLOM	BUILDING OFFICIAL	9795322491		RBOLLOM@CITYOFWHARTON.COM
	**** WHEELER COUNTY ****									
481524	MOBEETIE, TOWN OF	NOT PARTICIPATING	NEVER MAPPED	12/18/79	FPA	LEONA HOUSE, MAYOR		8068453581		
					CEO	LEONA HOUSE	MAYOR	8068453581		

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480656	SHAMROCK, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	04/01/07	FPA	JOHNNY RHODES	CITY MANAGER	8062563281		cityhall@centramedia.net
					CEO	GLEN SWITZER	MAYOR	8062563281		cityhall@nts-online
480655	WHEELER COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	WENDELL MORGAN, CO JDGE		8068265691		
					CEO	WENDELL MORGAN	ELMER HARRISON, COMMISSIONER	8068265691		
480657	WHEELER, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	07/01/88	FPA	Claudine Finsterwald	Secretary			
					CEO	KRISTI PETIT	Secretary	8068263222		CITYOFWHEELER@CENTRAMEDIA.NET
	**** WICHITA COUNTY ****									
480658	BURKBURNETT, CITY OF	PARTICIPATING	REVISED	02/03/10	FPA	DALE LEWIS	Floodplain Administrator	9405692263		dlewis@burkburnett.org
					CEO	Carl Law	Mayor	9405692263		mslye@burkburnett.org
480310	CASHION, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/03/10						
					CEO	ROBYN MURPHY	MAYOR	9408558511		
480659	ELECTRA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	02/03/10	FPA	stephen giesbrecht				
					CEO	stephen giesbrecht	City Administrator	9404952146		
480660	IOWA PARK, CITY OF	PARTICIPATING	REVISED	02/03/10						
481496	LAKESIDE CITY, CITY OF	PARTICIPATING	ORIGINAL	02/03/10						
480661	PLEASANT VALLEY, CITY OF	PARTICIPATING	REVISED	02/03/10	FPA	Norm Hodges	City Secretary	9408518518		
					CEO	Norm Hodges	City Secretary	9408518518		
481189	WICHITA COUNTY*	PARTICIPATING	REVISED	02/03/10						
480662	WICHITA FALLS, CITY OF	PARTICIPATING	REVISED	02/03/10	FPA	David A Clark	Director of Community Dev.	9407617451		dave.clark@cwftx.net
					CEO	Lanham Lyne	Mayor	9406965931		
	**** WILBARGER COUNTY ****									
481652	VERNON, CITY OF	PARTICIPATING	ORIGINAL	09/21/01						
481190	WILBARGER COUNTY*	PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Greg Tyra	Judge			
					CEO	GARY STREIT	COUNTY JUDGE	9405532300		
	**** WILLACY COUNTY ****									
480665	LYFORD, CITY OF	PARTICIPATING	ORIGINAL	05/05/81						
480666	RAYMONDVILLE, CITY OF	PARTICIPATING	REVISED	01/05/89	FPA	ELEAZAR Garcia, Jr	City Manager	9566892443		raycity@grandriver.net
					CEO	Orlando A Correa	Mayor	9566892443		raycity@grandriver.net
480667	SAN PERLITA, CITY OF	PARTICIPATING	ORIGINAL	05/05/81	FPA		SAN PERLITA, CITY OF			
					CEO	Oscar De Luna	Mayor	956248572		cityhall12@yahoo.com

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								5		
480664	WILLACY COUNTY *	PARTICIPATING	REVISED	05/04/92	FPA	Raul P Flores	County Engineer	9566904185		floresengineers@yahoo.com
					CEO	Aurelio Guerra	COUNTY JUDGE	9566893393		county.judge@co.willacy.tx.us
	**** WILLIAMSON COUNTY ****									
480624	AUSTIN, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Kevin Shunk	Floodplain Administrator	5129743362		
					CEO	Lee Leffingwell	Mayor	5129742250		
480707	BARTLETT, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Natie Ingram	CITY SECRETARY	2545273219		bartlettcityhall@sbcglobal.net
					CEO	ARTHUR WHITE	MAYOR	2545273219		jhatchinson@vvm.com
481282	CEDAR PARK, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Garret Bonn	Floodplain Administrator	5124015000		
					CEO	BOB LEMON	MAYOR	5124015000		MAYOR@CEDARPARKTX.US
480669	FLORENCE, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Amy Crane	City Secretary	2547932490		
					CEO	Amy Crane	City Secretary			
480668	GEORGETOWN, CITY OF	PARTICIPATING	REVISED	09/26/08						
481046	GRANGER, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Scott Murrah	Mayor	2547609085		smurrah@municpal-llc.com
					CEO	JERRY LALLA	MAYOR	5128592755		NONE
481047	HUTTO, TOWN OF	PARTICIPATING	REVISED	09/26/08	FPA	Jeff Sabin	FPA	5127594033		
					CEO	JEFFREY SABIN	Planning Manager	5127595960		JEFFREY.SABIN@HUTTOTX.GOV
480111	JARRELL, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA			5127464593		
					CEO	Troy Clawson	Mayor	5127464593		
481536	LEANDER, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Wayne Watts	City Engineer	5125282700		w.watts@ci.leander.tx.us
					CEO	John Cowman	City of Leander Mayor	5125282743		
480073	LIBERTY HILL, CITY OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	Kathy Clark	City Secretary	5127785449		
					CEO	Kathy Clark	City Secretary	5127785449		KCLARK@LHTEXAS.COM
481048	ROUND ROCK, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Daniel Halden, P.E.	City Engineer	5122186610		dhalden@round-rock.tx.us
					CEO	Alan McGraw	Mayor	5122185401		mayormcgraw@round-rock.tx.us
480670	TAYLOR, CITY OF	PARTICIPATING	REVISED	09/26/08	FPA	Danny Thomas	City Engineer	5123523633	39	
					CEO	Benito Gonzales	MAYOR	5123523676		
481632	THRALL, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/26/08	FPA	Troy Marks	MAYOR	5128985306		tmarx@riverbend.com
					CEO	Troy Marks	MAYOR	5128985306		tmarks@riverbend.com

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481674	WEIR, CITY OF	PARTICIPATING	ORIGINAL	09/26/08	FPA	Julia Navarrette	Secretary	5128637984		cityofweir@ecpi.com
					CEO	MERVIN WALKER	MAYOR	5128637984		none@yahoo.com
481079	WILLIAMSON COUNTY *	PARTICIPATING	REVISED	09/26/08						
	**** WILSON COUNTY ****									
480671	FLORESVILLE, CITY OF	PARTICIPATING	ORIGINAL	11/16/77	FPA	GARY PELECH	CITY MANAGER	8303933105		
					CEO	JIMMY ALVAREZ	FLLODPLAIN ADMINISTRATOR	8303914041		JALVAREZ@FLORESVILLE.NET
481050	LA VERNIA, CITY OF	PARTICIPATING	ORIGINAL	08/16/95	FPA	Robert E Hyatt	EMC/Police Chief	8307792113		laverniapd@lavernia.net
					CEO	HAROLD SCHOTT	MAYOR	8307794541		laverniapd@lavernia.net
481114	NIXON, CITY OF	PARTICIPATING	ALL ZONE C AND X - NO PUBLISHED FIRM	01/01/50	FPA	Jennifer Roberts	City Secretary	8305821924		nixsonutilities@gvpc.com
					CEO	Don Chessher	Mayor	8305821924		
480672	POTH, CITY OF	PARTICIPATING	ORIGINAL	12/01/77	FPA	Dean Bayer	City Engineer	8304842111		
					CEO	CHRYSTAL ECKEL	MAYOR	8304842111		
480673	STOCKDALE, CITY OF	PARTICIPATING	ORIGINAL	03/01/78	FPA	R David Tillery	Public Works Director	8309963128		stockdale@felpsis.net
					CEO	CARL LAMBECK	CITY MANAGER			
480230	WILSON COUNTY *	PARTICIPATING	REVISED	08/16/95	FPA	LEANN HOSEK	EMA COORDINATOR	8303938351		leannema@felpsis.net
					CEO	MARVIN QUINNEY	COUNTY JUDGE	8303937303		
	**** WINKLER COUNTY ****									
480674	KERMIT, CITY OF	NOT PARTICIPATING	NEVER MAPPED	07/23/76	FPA	FRED W PEARSON	MAYOR	9155863468		
					CEO	TED WESTMORELAND	MAYOR	4325863460		
480675	WINK, CITY OF	NOT PARTICIPATING	NEVER MAPPED	08/13/76	FPA	LINDA MCDONALD	MAYOR	9155273441		
					CEO	MAXIE WATTS	MAYOR	9155273441		
481250	WINKLER COUNTY *	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	FRANCES CLARK, CO		9155866658		
					CEO	FRANCES CLARK	LEON NUTT, COMMISSIONER	9155866658		
	**** WISE COUNTY ****									
481617	ALVORD, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	03/19/90	FPA	Scott Perry	City Administrator	9404275916		scotchperry@yahoo.com
					CEO	Terri Lunn-Freeman	Mayor	9404275916		
481561	AURORA, CITY OF	PARTICIPATING	ORIGINAL	03/19/90	FPA	Tony J Kelli-Richardson	City Adminstrator	8176362783		CITYADMINISTRATOR@AURORATEXAS.GOV
					CEO	Toni Kelly-Richardson	City Administrator	8176362783		CITYADMINISTRATOR@AURORATEXAS.GOV

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CID	Community	Status	Firm Status	Map Date	Contact Type	Name	Title	Phone	Ext	Email
480676	BOYD, CITY OF	PARTICIPATING	REVISED	03/19/90	FPA	Mark Wofford	City Administrator			
					CEO	JOHN HAMILTON	City Administrator	9404335166		JHAMILTON@CITYOFBOYD.COM
480588	BRIAR, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50						
480677	BRIDGEPORT,CITY OF	PARTICIPATING	REVISED	03/19/90	FPA	Kelly Allensworth	Building Inspector			
					CEO	Kelly SMALLEY	DIR DEV SERV	9406833410		
481053	CHICO, CITY OF	PARTICIPATING	REVISED	03/19/90	FPA	Edward Cowley	DIRECTOR OF PUBLIC WORKS, FPA			
					CEO	James Robinson	Mayor	9406442435		CHICOCITYSECRETARY@EMBARQMAIL.COM
480678	DECATUR, CITY OF	PARTICIPATING	REVISED	03/19/90						
481616	LAKE BRIDGEPORT, CITY OF	PARTICIPATING	ORIGINAL	03/19/90	FPA	DAN TICER	BUILDING INSPECTOR	9406832700		
					CEO	MONTY SLAYTON	Mayor	9406832700		
481629	NEW FAIRVIEW, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	GARY FISHER	CITY ENGINEER	8176385366		
					CEO	JOE MAX WILSON	MAYOR	8176385366		
481126	NEWARK, CITY OF	NOT PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	Matt Newby	MAYOR (SEND TO MAYOR)	8174892201		citysecretary@newarktexas.com
					CEO	Matt Newby	Mayor	8174892201		citysecretary@newarktexas.com
480503	PARADISE, CITY OF	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	Nathan Cleveland	MAYOR (SEND TO MAYOR)	9409692114		
					CEO	NATHAN CLEVELAND	MAYOR	9409692114		
481054	RHOME, CITY OF	PARTICIPATING	ALL ZONE C&X PUBLISHED FIRM	01/01/50	FPA	Mark Lorance	MAYOR (SEND TO MAYOR)	8176362462		cityofrhome@earthlink.net
					CEO	Mark Lorance	Mayor	8176362462		cityofrhome@earthlink.net
481618	RUNAWAY BAY, CITY OF	PARTICIPATING	ORIGINAL	03/19/90	FPA	Greg Leveling	FPA	9405754745		
					CEO	Len Jowitt	MAYOR	9405754745		mayor@runawaybaytexas.com
481051	WISE COUNTY*	PARTICIPATING	ORIGINAL	03/19/90	FPA	Tom Goode	CFM/Director of Public Works	9406276655		tom.goode@co.wise.tx.us
					CEO	Bill McElhaney	County Judge	9406275743		cojudge@co.wise.tx.us
	**** WOOD COUNTY ****									
481090	ALBA, TOWN OF	WITHDRAWN	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	Tim Koong	Chief of Police			
					CEO	ORVIN CARROLL	MAYOR	9037652396		
481056	HAWKINS, CITY OF	NOT PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	JOHN JONES	EMERGENCY MANAGEMENT COORDINAT	9037692224		
					CEO	WAYNE KIRKPATRICK	MAYOR	9037692224		
480679	MINEOLA, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	David Madsen	Fire Marshal	9035696183		dmadsen@mineola.com
					CEO	BEAU WHITUS	MAYOR	9035696183		

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481057	QUITMAN, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	GARY SIMPKINS	EMERGENCY PREPAREDNESS MANAGER	9037632221		fire@quitmantx.org
					CEO	SAM W LANGE	MAYOR	9037632223		
480680	WINNSBORO, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	JIMMIE DAVIS	FPA	9033423654		citywinn@peoplescom.net
					CEO	CAROLYN JONES	MAYOR	9033423654		citywinn@peoplescom.net
481055	WOOD COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10	FPA	RANDY SELMAN	COUNTY EMC	9037632356		rselman@co.wood.tx.us
					CEO	ROYCE MCCOY	COUNTY JUDGE	9037632716		countyjudge@co.wood.tx.us
481167	YANTIS, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - NO ELEVATION DETERMINED	09/03/10						
	**** YOAKUM COUNTY ****									
480682	DENVER CITY, CITY OF	PARTICIPATING	ORIGINAL	07/17/89	FPA	Stan David	City Manager			
					CEO	DAVE TEDFORD	FLOODPLAIN ADMINISTRATOR	8065925426		TEDFORDJD@VALORNET.COM
480683	PLAINS,CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	08/01/87						
480681	YOAKUM COUNTY*	NOT PARTICIPATING	NEVER MAPPED	01/01/50	FPA	DALLAS BREWER	COUNTY JUDGE	8064567491		
					CEO	PAUL COBB	JOHN AVARA, COMMISSIONER	8064568606		
	**** YOUNG COUNTY ****									
480685	GRAHAM, CITY OF	PARTICIPATING	REVISED	01/02/91	FPA	LARRY M FIELDS	FPA/ City Manager	9405493324		larry@grahamtexas.net
					CEO	Wayne Christian	Mayor	9405493324		
481058	NEWCASTLE, CITY OF	PARTICIPATING	ORIGINAL	01/02/91	FPA	STEPHEN J SOSINSKI		9408463547		
					CEO	STEPHEN J SOSINSKI		9408463547		newscc@brazosnet.com
480686	OLNEY, CITY OF	PARTICIPATING	REVISED	01/02/91	FPA	BRENDA STENNETT	MAYOR			
					CEO	Danny C Parker	City Administrator	9405642102		
480684	YOUNG COUNTY *	PARTICIPATING	ORIGINAL	01/02/91	FPA	Marsha Sumpter	Floodplain Administrator / 911	9405497911		msumpter@youngcounty.org
					CEO	Stan H Peavy, III	County Judge	9405492030		s.peavy@youngcounty.org
	**** ZAPATA COUNTY ****									
480687	ZAPATA COUNTY *	PARTICIPATING	NEVER MAPPED	02/21/78	FPA	Mario Gonzalez Davis	Project Coordinator			
					CEO	Mario GONZALEZ DAVIS	Project Coordinator	9567659939		MGONZALEZ-DAVIS@HOTMAIL.COM
	**** ZAVALA COUNTY ****									

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480688	CRYSTAL CITY, CITY OF	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Dianna Palacios	CITY MANAGER			
					CEO	ISMAEL R CABELLO	CEO	8303743478		
481191	ZAVALA COUNTY*	PARTICIPATING	ALL ZONE A, C AND X - ORIGINAL FIRM BY LETTER	09/01/87	FPA	Joe Luna	County Judge	8303743810		
					CEO	JOE LUNA	COUNTY JUDGE	8303743810		NONE