



# Region 11: Guadalupe Regional Flood Planning Group Meeting

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Wednesday, June 1, 2022  
2:00pm

# Agenda Item 1

## Call to Order

1. Attendance
2. Individuals attending in-person, please sign-in

# Agenda Item 2

Welcome

## Agenda Item 3

### Approval of Meeting Minutes

1. Approval of meeting minutes from  
May 10, 2022 Region 11 RFPG Meeting

**Meeting Minutes**  
**Region 11 Guadalupe Regional Flood Planning Group Meeting**  
**May 10, 2022 at 2:00 PM**  
**Guadalupe-Blanco River Authority River Annex (905 Nolan Street, Seguin, TX 78155)**

**Roll Call:**

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
Doug Miller Melissa Reynolds*	<i>Agricultural</i>	X
John Johnston	<i>Counties</i>	
Lon Shell	<i>Counties</i>	X
Bobby Christmas	<i>Electric Generating Utilities</i>	X
Annalisa Peace Bill Parker*	<i>Environmental</i>	X
Doug Sethness Jennifer Urban*	<i>Flood districts</i>	X (left meeting at 3:30pm)
Kevin Stone	<i>Industries</i>	
Joseph Pantalion John Espinoza*	<i>Municipalities</i>	*
Ken Gill	<i>Municipalities</i>	X
Dr. Kimberly Meitzen	<i>Public</i>	X
R. Brian Perkins Charlie Hickman*	<i>River Authorities</i>	X
Ray Buck Tara Bushnoe*	<i>River Authorities</i>	*
Gian Villarreal Tami Norton*	<i>Small Business</i>	X
Ronald (Ron) Fieseler	<i>Water Districts</i>	X
Steven Fonville	<i>Water Utilities</i>	X

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent ( ) / Alternate Present (*)</u>
Sue Reilly Beth Bendik*	Texas Parks and Wildlife Department	
Hollie Hischer	Texas Division of Emergency Management	
Jami McCool Kristin Lambrecht*	Texas Department of Agriculture	X
Allen Nash	Texas State Soil and Water Conservation Board	X
Kris Robles Teresa Williams*	General Land Office	X
Ryke Moore	Texas Water Development Board (TWDB)	X
Joel Klumpp	Texas Commission on Environmental Quality	
Don Durden	Public	X
Suzanne Scott	Region 12 Liaison	
Patrick Brzozowski Scott Hartl*	Region 10 Liaison	X

**Quorum:**

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **13**

Number required for quorum per current voting positions of 15: **8**

**Other Meeting Attendees:**

Lauren Willis, GBRA (Facilitator)

Ram Mendoza, GBRA (IT)

Jay Scanlon, Freese & Nichols, Inc.

Adam Conner, Freese & Nichols, Inc.

Ben Eldridge, Cibolo Center for Conservation

Tom Hegemier, Doucet

Bill Barker, Great Springs Project

Laura Haverlah, H2O Partners

Virginia Parker, San Marcos River Foundation

Joyce Yannuzzi, Senator Donna Campbell's

Office

*All meeting materials are available for the public at: <http://www.guadalupeRFPG.org>*

**AGENDA ITEM NO. 1: Call to Order**

Chairman Doug Miller called the meeting to order at 2:00 PM. Lauren Willis called roll of the planning group members to record attendance and a quorum was established.

**AGENDA ITEM NO. 2: Welcome**

Chairman Miller welcomed members to the meeting.

**AGENDA ITEM NO. 3: Approval of Minutes from the March 30, 2022 Region 11 RFPG Meeting**

Chairman Miller opened discussion on approving the minutes from the March 30, 2022 Region 11 RFPG Meeting.

A motion was made by Ken Gill to approve the March 30, 2022 Region 11 RFPG Meeting minutes. Bobby Christmas seconded the motion. The meeting minutes were approved by consensus.

**AGENDA ITEM NO. 4: Region 11 Guadalupe RFPG Chair Updates**

Chairman Miller did not have any updates for the group.

**AGENDA ITEM NO. 5: Texas Water Development Board (TWDB) Updates**

Ryke Moore reviewed the following items:

- Chairs & Technical Conference Call's at the end of May
- TWDB is reviewing the Technical Memo's to provide more depth informal feedback by late Spring to incorporate in the draft submission.
- The Contract Amendment No.1 has been executed between TWDB and GBRA. Amendment No. 1 between GBRA and the subcontractor (FNI) is being reviewed by TWDB.

**AGENDA ITEM NO. 6: Guadalupe Region 11 RFPG Sponsor Guadalupe-Blanco River Authority (GBRA) Updates**

Lauren Willis reviewed the following items:

- Draft Amendment No. 1 between GBRA and FNI is being reviewed by the TWDB
- Reviewed updates to the [guadalupeRFPG.org](http://guadalupeRFPG.org) website and social media.

**AGENDA ITEM NO. 7: Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement**

Lauren Willis reviewed the administrative costs for FY22Q2 (December 1, 2021 – February 28, 2022).

A motion was made by Kimberly Meitzen to approve the administrative expenses for FY22Q2 for reimbursement. Doug Sethness seconded the motion. The motion was approved by consensus.

**AGENDA ITEM NO. 8: Discussion and potential action regarding Region 11 RFPG Technical Consultants work and schedule.**

Jay Scanlon overviewed the agenda, provided items that are being tracked by FNI within the region and reviewed updates on Tasks 1-10. Adam Conner, FNI updated the RFPG on public participation & outreach and reviewed the summary of data/information received to date by the technical consultants. Annalisa Peace inquired about traveling public meetings in the evening to present the draft flood plan throughout the basin (upper, middle and lower) in September. A discussion amongst the RFPG occurred with how to proceed with evening public meetings.

Jay Scanlon, FNI gave updates on Task 4B and Task 5. Tom Hegemier, Doucet & Associates led a discussion on Task 3 – Floodplain Management Practices and Goals for the following initiatives:

- Improve safety beyond minimal signage at low water crossings through automatic flood warning/gates and/or flood level passed
- Consider and incorporate nature-based practices (LID, green infrastructure, natural channel design) in Flood Mitigation Projects and Strategies
- Increase adoption of higher standards in high growth Counties
- Increase high growth local government CRS participation
- Reduce number of vulnerable buildings/structures/critical facilities within the 1% existing flood hazard layer
- Increase percentage of communities with dedicated funding sources for O&M of storm drainage systems

**a. Discussion and potential action approving Chapter 1 of the Guadalupe Regional Flood Plan.**

Chairman Miller opened the floor for discussion of approving Chapter 1. A motion was made by Brian Perkins to approve Chapter 1 for submittal to the TWDB. Ron Fieseler seconded the motion. The vote passed by a vote of 12 Ayes, 0 Nays.

**AGENDA ITEM NO.9: Consider date and agenda items for next meeting**

The next meeting will be held on Wednesday, June 1<sup>st</sup> at 2pm at the GBRA River Annex.

**AGENDA ITEM NO. 10: Public General comments (Public comments limited to 3 minutes per speaker)**

Doug Miller provided instructions for public comments. One public comment was received.

1. Virginia Parker with the San Marcos River Foundation spoke about four topics; 1. She has been witnessing bulldozing along the River banks where healthy riparian zones should be in place, 2. There should be funding of conservation easements especially in the sensitive recharge zones, 3. At this time counties do not have the authority to protect riverways or the ability to stop break away structures being put in the flood way, and 4. Green infrastructure should be used.

**AGENDA ITEM NO. 11: Adjourn**

Brian Perkins made a motion to adjourn. The motion was seconded by Ron Fieseler. The motion passed by unanimous consent.

The meeting adjourned at 4:05 PM by Doug Miller.

*Approved by the Region 11 Guadalupe RFPG at a meeting held on June 1, 2022.*

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Brian Perkins, SECRETARY

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Doug Miller, CHAIR

Region 11 Guadalupe RFPG Chair Updates

## Agenda Item 4

Texas Water Development Board Updates

## Agenda Item 5

# Agenda Item 6

Guadalupe Region 11 RFPG Sponsor – GBRA  
Updates

# Agenda Item 7

Discussion regarding Region 11 RFPG Technical Consultants work and schedule.

A. Discussion and potential action approving Flood Mitigation Actions of the Guadalupe Regional Flood Plan

An aerial photograph of a vast wetland area, likely a marsh or delta. The landscape is a complex network of water channels and green, vegetated islands. The water is a light blue-grey color, and the vegetation is a vibrant green. The sky is overcast and grey. The text is overlaid on the left side of the image.

# **Region 11 Guadalupe**

**Regional Flood Planning Group Meeting**

**June 1, 2022**

**Item 7**



# Agenda

Stakeholder and Public Outreach Update

Tasks 1-10 Update and Outlook

Task 5 – Review and Discuss Draft Flood Mitigation Strategies

Look Ahead

# Stakeholder and Public Outreach Update

## Regional Flood Planning - RULE §361.21 General Notice Requirements

### Standard Meeting – General Notice Requirements

- Subject to open meetings and public information acts
- Must provide minimum notice of 7 days, 14 days, or 30 days
- Must post notice on RFPG-maintained website and Secretary of State
- Must solicit interested public parties and maintain email list for electronic notification if requested
- Must provide notice to stakeholders, voting/ non-voting members, adjacent RFPGs
- Meeting materials posted in advance and after public meetings on the RFPG website
- Accept public comment and input; 60-day comment period for Draft Flood Plan

# Stakeholder and Public Outreach Update

## Regional Flood Planning - RULE §361.21 Draft Plan Notice Requirements

For meetings at which the planning group will take public input related to the RFPG's draft RFP per TWC 16.062(f) - (g), the following additional public notice provisions must be met:

- The draft RFP must be made available for public inspection online for 30 days prior to the first meeting, if more than one meeting is held, and 30 days following the first meeting
- At a minimum, notice must be provided at least 30 days prior to the first meeting
- Notice must be provided to all adjacent RFPGs
- Notice of the meeting must include a summary of the regional flood plan
- Notice must include information on how the public may submit comment
- A hard copy of the draft RFP must be made available for public inspection in at least three publicly accessible locations within the FPR for at least 30 days prior to the first meeting and 30 days following the first meeting
- Written Comment must be accepted for consideration for at least 30 days prior to the first meeting and at least 30 days following the first meeting for consideration and response prior to adoption of the final plan under §361.50 of this title and oral Comment must be accepted during the meeting.

# Stakeholder and Public Outreach Update

## Methods for Public Outreach – Seeking Input of Draft Flood Plan

- Social Media
- Website
- Eblasts & stakeholder contact list
- RFPG Member network sharing
- Press Releases
- Hard copies for public viewing
- “On the Road” Meetings – two September meetings, one in Kerrville and Victoria

# Stakeholder and Public Outreach Update

## “On the Road” Meetings

- Executive Committee proposed Kerrville and Victoria
- September 7<sup>th</sup> – RFPG Meeting at 4:30 (Kerrville)
- September TBD – RFPG Meeting (Victoria)
- Meeting Format:
  - Presentation Overview of Flood Planning Process – *intent of flood planning process, role of RFPG, timelines*
  - Accept verbal and written comments
  - Conduct Regular Business Agenda
- Accept Public Comments:
  - Accept written or verbal comments in person
  - Accept written comments by email at [comments@guadaluperfpg.org](mailto:comments@guadaluperfpg.org)
  - Accept written comments by website comment portal

## Guadalupe Regional Flood Planning Group (RFPG) - Public Comment Tracking Matrix

For RFPG Public Meeting June 1, 2022

Comments received May 3, 2022 – May 26, 2022

Comments Received Via [comments@guadalupefpg.org](mailto:comments@guadalupefpg.org) or via [lwillis@gbra.org](mailto:lwillis@gbra.org)

Date Comment Received	Name/Affiliation of Commenter	Comment/Question	Respondent and Response Date
5/18/22	Virginia Parker	<p><b>SEE ATTACHMENT IN BACKUP</b>  <b>From:</b> Virginia Parker &lt;<a href="mailto:virginia@sanmarcosriver.org">virginia@sanmarcosriver.org</a>&gt;  <b>Sent:</b> Wednesday, May 18, 2022 1:03 PM  <b>To:</b> Lauren Willis &lt;<a href="mailto:lwillis@gbra.org">lwillis@gbra.org</a>&gt;  <b>Subject:</b> Updated SMRF Flood Group Project proposals</p> <p>Hello Lauren!</p> <p>Based on my conversation with Freese and Nichols last week I wanted to update the projects SMRF is putting forward.</p> <p>Since a few of the "projects" I proposed were actually tactics, I'd like to put them forth here in the email so that they are recorded.</p> <ol style="list-style-type: none"> <li>1) Coordinate with other flood groups to propose legislation that allows counties the ability to be more protective with regards to flood mitigation and water quality. (An example of this would be to allow counties the opportunity to prevent breakaway structures in the floodplain.)</li> <li>2) Require all commercial outfitters to properly store equipment (such as busses, tubes, tents, pop-up tents, picnic tables, kayaks, trailers, hammocks and stands, coolers, etc) out of the floodplain during non-working hours.</li> <li>3) Require commercial outfitters to bring equipment (listed above) out of the floodplain during major rain events, and fine operators if this does not occur.</li> <li>4) Collaborate with Texas Parks and Wildlife Dept, or another state agency, to create a policy that allows 30 foot wide access points to the river, and restricts mechanical grazing of the riparian zone within 100 feet of the river elsewhere. Create a maximum number of access points per property (such as 2 per every 0.5 mile of river frontage) in order to properly protect the riparian zone to mitigate flood impacts due to sheetflow runoff.</li> <li>5) Create a list of appropriate nature-based solutions along streams and rivers, and allocate funding for these processes in order to mitigate flood impacts before it occurs.</li> </ol> <p>-Virginia  Thank you!  Executive Director, San Marcos River Foundation  P.O. Box 1393, San Marcos, TX 78667, 210-860-4575</p>	Respondent: Lauren (GBRA) Response Date: 5/18/2022

<b>Project Name</b>	<b>Sponsor</b>	<b>Description</b>	<b>County</b>	<b>Watershed Name</b>	<b>Details</b>
Edwards Aquifer Recharge Protection and Flood Mitigation	San Marcos River Foundation	Conserve 10% of the recharge zone through conservation easement funding to the San Marcos River Foundation (SMRF). SMRF is in the process of identifying these lands currently.	Hays County	San Marcos River and Blanco River	SMRF will work to get LIDAR mapping for this area. SMRF will work to get cost estimates for the conservation easements as well.
Purchase of Park Land and Open Space in Martindale	City of Martindale	Flood Mitigation through parkland purchase along the San Marcos River in Martindale	Caldwell County	San Marcos River	Freese and Nichols will need to contact the Martindale Parks Committee, and SMRF can help with that introduction.
Riparian Zone Protection and Flood Mitigation	San Marcos River Foundation	Conserve 5% of the riparian zone through conservation easement funding to the San Marcos River Foundation (SMRF). SMRF is in the process of identifying these lands currently.	Hays County, Caldwell County, Guadalupe County	San Marcos River, Blanco River, Plum Creek	SMRF will work to get LIDAR mapping for this area. SMRF will work to get cost estimates for the conservation easements as well.

# Tasks 1-10 Update and Outlook

## Task 1 – Planning Area Description

- Complete (comments incorporated)

## Task 2 – Existing and Future Condition Flood Risk Analysis

- Draft Chapter 2 internal review underway
- Adding graphics – slight delay - Draft first week in June

## Task 3 – Floodplain Management Practices and Flood Mitigation Goals

- Incorporated discussion/comments
- Draft Chapter 3 issued for review (request comments by June 15)
- Address Education and Preparedness

## Task 4A – Flood Mitigation Needs Analysis

- Continuing with spatial analysis
- Draft Chapter 4 will be provided for comments in June

# Tasks 1-10 Update and Outlook

## Task 4B & 5 – Evaluation and Recommendation of Studies, Strategies, and Projects

- Task 5 – Discuss FMSs today
- Task 5 – Discuss FMEs and FMPs on June 29
- Draft Chapter 5 will be provided for comments in June\*

## Task 6 – Impacts of Regional Flood Plan and Contributions to and Impacts on Water Supply

- Started internal discussions about 6A (Impacts of Flood Plan)
- Started drafting 6B (Contributions and Impacts to Water Supply)

## Task 7 – Flood Response Information and Activities

- Draft Chapter 7 issued for review (request comments by June 15)

# Tasks 1-10 Update and Outlook

## **Task 8 – Administrative, Regulatory and Legislative Recommendations**

- Draft Chapter 7 issued for review (request comments by June 15)

## **Task 9 – Flood Infrastructure Financing Analysis**

- Summary of funding options/opportunities
- Incorporate feedback from Sponsors on funding
- Draft Chapter 9 will be provided for comments in June

## **Task 10 – Public Participation and Plan Adoption**

- Summarization of public outreach activities
- Appendices with comments and responses to comments
- Draft Chapter 10 will be provided for comments in late June/early July



# Task 5 – Recommend FMEs, FMSs and FMPs

## Objective

- Evaluate and recommend flood management evaluations and strategies and flood mitigation projects for inclusion in the 2023 regional flood plan

## Process

- Flood Management Strategies grouped by Type and Sponsor
- RFPG can handle like consent agenda (vote on all or groups)
- Pull individual actions for discussion (if needed)
- Editorial comments can be sent separately through Lauren or discussed
- Request approval of the FMSs today
- Request editorial license (non-substantive changes)

# Flood Mitigation Strategy Template



Limited Domain

Based on strategy Area

## Flood Management Strategy (FMS)



Title **City of New Braunfels-Voluntary Buyout Program**  
 ID# **112000054** Sponsor **New Braunfels (Municipality)**  
 RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

### Strategy Details

Strategy type **Property Acquisition and Structural Elevation**  
 Strategy description **Remediate repetitive losses along the Guadalupe River by acquiring flood damaged structures and converting acquired land to open(green)space.**  
 Associated FME's **-** Associated FMP's **-**  
 Associated FMS's **-**  
 Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi<sup>2</sup>, est.) **45**  
 County **Guadalupe,Comal**

### Existing 100-Year Flood Risk

Population at risk **7,070** # of structures **1,398** Critical facilities **2**  
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**  
 Farm/Ranch land impacted (acres) **506** Roadway(s) impacted (miles) **23**  
 Number of low water crossings **24** Historical road closures **-**

### 100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**  
 Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**  
 Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**  
 Other benefits **N/A** Reduction in # of road closures over 10 years **0**

### Impacts

Negative impacts? **No** Negative impacts description **N/A**  
 Water supply contributions? **No** Water supply contribution description **-**

### Estimated Cost

Strategy Cost **\$1,500,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Example: Buyout may have FME/P

Many FMS/FME unknown

# Flood Mitigation Project Template



## Flood Mitigation Project (FMP)



Title

ID#  Sponsor

RFPG recommend?  Reason for Recommendation

### Project Description

A 29 ft. high dam with a length of 5780 ft. would provide approximately 41,774 ac-ft of storage. This site would be able to store a large volume of water and greatly reduce the peak from the Peach Creek watershed.

Watershed HUC# (if known)  Emergency Need?

Drainage area (mi<sup>2</sup> est.)

Associated FME's  County

Associated FMS's  Associated FMP's

### Existing 100-Year Flood Risk

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

Population at risk  # of structures  Critical facilities

Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

### 100-Year Flood Risk Reduction

Population removed from 100-yr  # of structures removed from 100-yr

Critical facilities removed from 100-yr  Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles)  Low water crossings removed from 100-yr

Other benefits  Reduction in # of road closures over 10 years

### Impacts

Negative impacts?  Negative impacts description

Water supply contributions?  Water supply contribution description

### Estimated Cost

Project Cost  % Nature-Based  BCR

Recurring costs  Issues



FMP area



Regional view of FMP area



# Flood Mitigation Evaluation Template



## Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend?  Reason for Recommendation

### Study Details

Study type

Study description

New Hydrologic or Hydraulic model?  Emergency Need?  Existing/Anticipated models in near term?

County  Watershed HUC# (if known)

Drainage area (Square miles, est.)  Goal(s)



### 100-Year Flood Risk Summary

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

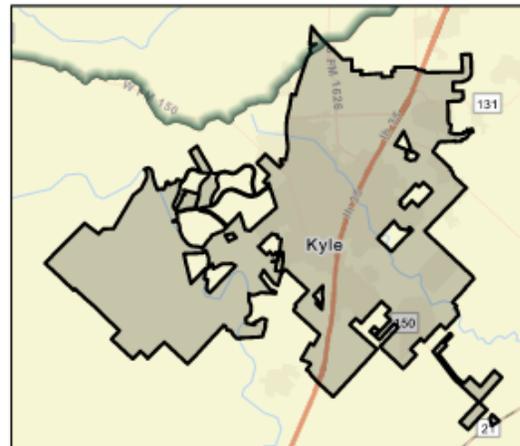
Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

### Estimated Cost and Funding Availability

Total Cost  Amount of Available Funding  Federal funding availability

Funding source



FME Area



Regional view of FME area



Type	Count	Includes	Approve
Education and Outreach	68	Education (websites, brochures, meetings), Training, Insurance Campaign,	
Flood Measurement and Warning	54	Flood Early Warning, NOAA Radios, Reverse 911, Evacuation Planning	
Infrastructure Projects	23	Low water crossings, Debris Clearing, Stream Restoration and Channelization, Harden Facilities	
Property Acquisition and Structural Elevation	15	Buyout Programs	
Regulatory and Guidance	26	CRS Participation, Update Ordinances and Enforcement, Establish Green Infrastructure Program	
Other	0	N/A	

# Look Ahead

Meeting	Milestone Goals
June	<b>Task 2 Draft*</b> ; <b>Task 3 Draft</b> ; <b>Task 4 Draft</b> ; <b>Task 5 FMXs</b> ; <b>Task 6A/B Draft</b> ; <b>Task 8 Draft</b> ; <b>Task 10 Draft</b> ;
July (early)	<b>Task 5 FMXs and Draft</b> ; <b>Preliminary Draft Regional Plan Working/Draft</b>
July (late)	<b>Draft Regional Flood Plan Approval</b> ; <b>Task 12 Discuss</b> Possible <b>Task 12 Discussion</b>
August	<b>August 1 Submittal</b> ; <b>Post by August 8</b>
September	<b>September 7 RFPG to Receive Comments (30-days)</b> ; <b>Mid-September (TBD) – Special Meeting</b>
Thru January	<b>First Week October</b> Close comments; <b>October</b> – FNI compile comments and responses; <b>November 2</b> Discuss; <b>December 7</b> – Approve to form; <b>January 7</b> – Submit 2023 RFP

## Agenda Item 8

Consider date and agenda items for next meeting

Wednesday, June 29<sup>th</sup> at 2pm – GBRA, Seguin

Wednesday, July 27<sup>th</sup> at 2pm – GBRA, Seguin

Wednesday, September 7<sup>th</sup> at 4:30pm – UGRA, Kerrville

Mid September – potential meeting in Victoria

Wednesday, October 5<sup>th</sup> at 2pm – GBRA, Seguin

Wednesday, November 2<sup>nd</sup> at 2pm – GBRA, Seguin

Wednesday, December 7<sup>th</sup> at 2pm – GBRA, Seguin

# Agenda Item 9

## Public General Comments

Public Comments limited to 3 minutes per speaker

# Agenda Item 10

Adjourn