

Introduction

The Region 6 San Jacinto Regional Flood Planning Group (RFPFG) is beginning its second planning cycle of Regional Flood Plans and the RFPFG is requesting information concerning the planning process. A version of this survey was sent out during the first planning cycle and was crucial in providing the RFPFG with the data needed to identify planning needs and goals. The RFPFG kindly asks that you participate so the most recent and best available data is leveraged during the process.

Since the first planning cycle, several reasons may have necessitated changes and updates to the data. The reasons for changes include alterations in maintenance practices, infrastructure condition, policies/standards, flood reduction projects, ongoing studies within the region, etc. By participating in the survey, you provide insights that ensure the goals of the RFPFG align with the region's present and future flood planning needs and goals.

The survey will close Spring of 2025 to allow sufficient time for compilation and assessment of responses.

Please visit the following website to review current data within the 2024 State Flood Plan: <https://texasstatefloodplan.org/overview>

Please email SJRFPFG.TechCon@freese.com with questions or to provide data that concerns the planning process.

General

Tell us about yourself and your community.

1. What is your name?

2. Phone number

3. Email

4. What type of entity do you represent?

Select only one.

- Municipality
- County
- Flood Districts/Drainage District
- Water Utility/Water District
- River Authorities
- State/Federal
- Non-Profit Organization
- Private Citizen
- Electrical Utility
- Small Business Interests
- Environmental Interests
- Agricultural Interests
- Industrial Interests
- Other (please specify)

5. What is the name of your entity?

6. In which city and county is your entity located?

7. Which of the following best describes you?

Select only one.

- I am the floodplain manager for a community participating in the National Flood Insurance Program (NFIP).
- I am a public-sector employee with flood-related responsibilities.
- I am an elected or appointed official with flood-related responsibilities..
- I am a person interested in the regional flood planning process.
- Other (describe)

8. What is your job title?

9. Does your community utilize pump stations/levees to mitigate flood risk?

- Yes
- No
- Unsure

Infrastructure

The Regional Flood Plan will develop an inventory of natural features and major flood infrastructure within the region. The following section will help us identify and evaluate the condition of key features in your community.

10. Which of the following constructed or natural features are present in your jurisdiction?

Select all that apply.

- Detention/retention ponds
- Weirs
- Low water crossings
- Storm drain systems
- Flood protection dams
- Stormwater pump station(s)
- Levees
- Stormwater canals
- Stormwater tunnels
- Rivers, creeks, tributaries, functioning floodplains
- Wetlands
- Sink holes/Subsidence
- Alluvial fans
- Playa Lakes
- Seawalls
- Tidal barriers and gates
- Vegetated dunes
- Other (please specify)
- None

11. Select the following GIS datasets of constructed or natural features your entity maintains.

Select all that apply. If applicable, please provide this information by utilizing the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Detention/retention ponds
- Weirs
- Low water crossings
- Storm drain systems
- Flood protection dams
- Stormwater pump station(s)
- Levees
- Stormwater canals
- Stormwater tunnels
- Rivers, creeks, tributaries, functioning floodplains

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- Wetlands
- Sink holes/Subsidence
- Alluvial fans
- Playa Lakes
- Seawalls
- Tidal barriers and gates
- Vegetated dunes
- Other (please specify)
- None

12. If available, provide links to the location of any constructed or natural infrastructure data or asset inventory on your entity's website.

13. Do you have reports, studies or institutional knowledge of the condition or functionality of natural or constructed infrastructure in your jurisdiction? If so, please elaborate. Infrastructure may include: ponds, weirs, low water crossings, storm drains, dams, pumps, levees, canals, tunnels, etc.).

Deficient: The infrastructure or natural feature is in poor structural or non-structural condition and needs replacement, restoration, or rehabilitation. Non-Functional: Infrastructure is not providing its intended design level of service.

14. If available, provide links to the location of any reports on the condition or capacity assessment of constructed or natural infrastructure in your jurisdiction.

Flood Prone Areas

The Regional Flood Plan will identify flood hazards and vulnerability in the region. The following section will help us identify who and what might be harmed by flooding in your community.

15. Provide a list of historical flood events (for example, the recent Hurricane Beryl flooding) that have affected your jurisdiction. Please provide as much information as possible, such as the date(s), specific location(s) (if appropriate), newspaper articles, the financial value of damages (if known), number of swift water rescues, injuries and/or fatalities (if known). Identify areas on the web map, and/or upload historical information through the upload data page.

You may provide written feedback here.

Floodplain Management

The Regional Flood Plan will consider how current floodplain management practices and regulations impact flood risks. The following section will help us evaluate these practices and identify specific flood mitigation and management goals appropriate for this region.

16. If known, please provide the name and contact information for the floodplain administrator in your community.

17. What is the best available flood risk data in your community?

- FEMA NFHL Detailed Data (Zone AE)
- FEMA NFHL Approximate Data (Zone A)
- Base Level Engineering (BLE)
- Local or Regional Flood Studies
- I don't know

18. Does your community participate in the National Flood Insurance Program (NFIP) and/or Community Rating System (CRS)?

Select all that apply

- Yes
- I don't know.
- No. If no, please explain why or why not.

19. If the answer to the question above was no, and there is no interest in NFIP participation at this time, would the availability and/or update of some form of flood risk mapping increase interest?

- Yes
- No

20. Does your community have any of the following local floodplain regulations?

Select all that apply. If applicable, please provide this information by utilizing the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Floodplain ordinance
- Drainage ordinance
- Stormwater management ordinances
- Building standards for flood proofing and flood protection
- Consideration for fully developed or future conditions land use
- Zoning/land use regulations
- Other (please specify)
- None

21. Does your community have any of the following design standards?

Select all that apply. If applicable, please provide this information by utilizing the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Roadway
- Crossings (bridges and culverts)
- Storm drainage systems
- Detention facilities
- Dams
- Levees/Floodwalls
- Channel sizing criteria
- Other (please specify)
- None

22. Does your community enforce any of the following floodplain management standards above NFIP minimum requirements?

Select all that apply.

- Freeboard
- Detention policy
- Fill restrictions
- Restriction of development in floodway
- No Adverse Impact policy
- Other (please specify)
- None

23. Which of the following best describes how your community enforces its floodplain management regulations?

Select one.

- We actively enforce the floodplain management ordinance, perform detailed construction inspections, issue violations, fines, and section 1316s where appropriate, and enforce FEMA substantial damage and improvement regulations.
- We enforce most of the floodplain management ordinance, perform limited construction inspections, and are limited in issuing volatilizations, fines, and section 1316s where appropriate, and enforcement FEMA substantial damage and improvement regulations.
- We permit development in the floodplain but do not enforce the floodplain management ordinance, and may not/rarely perform limited construction inspections, limited in issuing volatilizations, fines, and section 1316s where appropriate, and enforcement FEMA substantial damage and improvement regulations.
- We do not currently enforce floodplain management regulations.
- Additional comments on enforcement:

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The Regional Flood Planning Group (RFPG) will consider recommending or adopting consistent minimum standards across the entire region. **"Recommended"** standards would not require the communities to adopt the minimum standards to have projects included in the Regional Flood Plan and to be eligible for funding. **"Adopted"** standards would require the communities to adopt the minimum standards to have projects included in the Regional Flood Plan and to be eligible for funding. **Recommended** and **Adopted** standards can consider the unique needs of urban vs. rural, geographic needs, or other subregions defined by the RFPG.

24. Should the RFPG "recommend" consistent minimum flood risk management standards across the entire Region?

These standards would be considered regional best practices, but would not be required to be adopted by local communities to participate in the Plan and be eligible for funding.

- Yes
- No

25. What are some minimum flood risk management standards the Regional Flood Planning Group (RFPG) should consider "recommending"?

Select all that apply. Minimum flood risk management standards recommended by the San Jacinto RFPG can be found in Chapter 3 of the 2023 San Jacinto Regional Flood Plan.

- Participation in the NFIP or equivalent standards
- Regulate development in the FEMA floodplain or other flood risk areas.
- Establish higher standards for development or freeboard above known floodplain, Examples: Uses Future Conditions BFE (base flood elevation), Feet above Existing BFE, 0.2% ACE (500-year floodplain) BFE, Constructs buildings a minimum height above street or curb
- Establish infrastructure protection standards, such as minimum design criteria for buildings, critical facilities (hospitals, schools, fire stations, etc.), roadways, drainage infrastructure (culverts, bridges, storm drain, detention facilities, dams, or levees), property acquisition, and open space
- The RFPG should not recommend minimum flood risk management standards.
- Other (please specify)

26. Should the RFPG "adopt" consistent minimum flood risk management standards across the entire Region?

These standards would be required to be adopted by local communities to participate in the Plan and be eligible for funding.

- Yes
- No

27. What are some minimum flood risk management standards the RFPG should consider "adopting"?

Select all that apply.

- Participation in the NFIP or equivalent standards
- Regulate development in the FEMA floodplain or other flood risk areas.

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- Establish higher standards for development or freeboard above known floodplain, Examples: Uses Future Conditions BFE (base flood elevation), Feet above Existing BFE, 0.2% ACE (500-year floodplain) BFE, Constructs buildings a minimum height above street or curb
- Establish infrastructure protection standards, such as minimum design criteria for buildings, critical facilities (hospitals, schools, fire stations, etc.), roadways, drainage infrastructure (culverts, bridges, storm drain, detention facilities, dams, or levees), property acquisition, and open space
- The RFBG should not adopt minimum flood risk management standards.
- Other (please specify)

Flood Mitigation Planning

The Regional Flood Plan will identify potential study needs and potentially feasible flood management strategies and projects. The following section will help us incorporate the needs of your community.

28. What types of local and regional flood planning information does your jurisdiction have?

Check all that apply and utilize the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Hazard Mitigation Plan
- Master Drainage Plans/Stormwater Drainage Plans
- Flood Protection Plans
- Flood Studies/Flood Risk Assessments
- Watershed Plans
- Community Rating System (CRS) Plan
- Floodplain Management Plan
- Flood risk screening tools
- Models, including hydrology, hydraulics or any available screening level models
- None of the above

29. If available, provide links to the location of any flood planning information on your entity's website.

30. What additional relevant planning documents or information does your jurisdiction have?

Check all that apply and utilize the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Flood disaster reports
- Transportation plans
- Substantial Damage Estimation (SDE) forms
- Emergency Action Plans (flood-related portions)
- Other information relevant to the RFPG
- None of the above
- Other (please specify)

31. If available, provide links to the location of any relevant planning documents on your entity's website.

32. Are there priority areas in your community with no inundation maps or detailed studies that could benefit from a flood study (i.e. neighborhood flooding, creek or river flooding)? If yes, please describe the reason for the need.

Select all of the projects that apply. If applicable, please provide these specific locations of flood prone areas that need to be studied by utilizing the web map the homepage.

- Need maps to identify flooding for urban areas, low lying areas, and/or streets.
- Limited or no inundation maps available in jurisdiction
- Outdated maps in need of updated study
- No areas in need of additional study
- Other (please specify)

33. What has your jurisdiction done to address flooding concerns?

- Nothing yet
- Performed existing drainage system maintenance
- Performed project identification and planning activities
- Performed more detailed analyses of areas to identify the source of the flooding
- Upgraded existing drainage infrastructure
- Constructed new drainage systems
- Wetland/floodplain/open space restoration/preservation
- Implemented and enforced drainage design criteria/floodplain management policies
- Other (please specify)

34. What, if any, major infrastructure or flood mitigation projects are currently under development?

Select all of the projects that apply. If applicable, please provide this information by utilizing the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Detention/retention ponds
- Channel construction/improvement
- Weirs
- Low water crossings
- Storm drain systems
- Flood protection dams
- Stormwater pump station(s)
- Levees
- Stormwater tunnels
- Stormwater canals
- Other (please specify)

35. Is there funding in your community for the necessary engineering evaluations and/or design and construction of proposed flood mitigation projects?

Select one.

- No funding identified
- Partial funding available
- Full funding identified
- Full funding secured
- Other (please specify)

Future Conditions

36. What future conditions scenarios are required to be evaluated for flood protection projects in your jurisdiction?

Please utilize the Upload Data engagement tool on the homepage to provide any supporting data and documentation.

- Projected development over a future time horizon
- Fully developed areas
- Existing 500-year floodplain as a proxy future 100-year floodplain
- We do not use future conditions considerations for flood protection projects.
- Other (please specify)

Emergency Response

The Regional Flood Plan will document the existing flood response preparations in the region. The following section will help us understand the practices your community uses for emergency response.

37. If known, please provide name and contact of emergency management director for your community.

38. Select the flood response measures your jurisdiction uses for emergency response:

Select all that apply

- Public Emergency Alert System
- Flood warning signs
- Rain, stream, or flood gauges
- Public-facing website
- Portable/temporary traffic message boards
- Coordination with TxDOT message boards
- Low water crossing gates
- Outdoor sirens
- Flood forecasting tool
- Crew(s) set up barricades or close gates
- Automatic low water crossing gates
- Swift water rescue team
- Cameras
- Other (please specify)
- None

39. If your jurisdiction plans to implement changes or additions to the emergency response system over the next five years, please describe.

40. Does your community have staff dedicated to flood response activities during emergency situations?

- No
- Yes (Please describe)

41. Are the staff embedded within the emergency operations center (or similar centralized location) during the event?

- No

Yes (Please describe)

42. Indicate the entities with whom you coordinate actions before, during, and after flood event (preparation, response, recovery, and cleanup).

	Before	During	After	No coordination
City	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
County	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood Control District	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Consultant Engineer (On-Call)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris Contractor (On-Call)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ag Extension Agents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TDEM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TxDOT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USACE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOAA/NWS/River Forecast Center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local dam owner/operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local levee owner/operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local regional assistance through existing MOUs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

43. Indicate any other entities with whom you coordinate actions before, during, and after flood event (preparation, response, recovery, and cleanup).

44. Any suggestions/recommendations to improve flood response?

Funding

Flood studies (evaluations), management strategies, and projects identified in the Regional Flood Plan will be eligible for TWDB funding through grants and loans. The following section will help us understand the current funding mechanisms in your community and identify the proposed role of State financing.

45. If known, please provide the name and contact information for the grant administrator in your community.

46. Which of the following describes your local funding sources for flood management activities?

Select all that apply

- General Budget
- Bond Program
- Stormwater utility or Drainage fee
- Special Tax Districts (such as: PID, MUD, DD, LID, FCD, etc)
- Permitting or Impact Fees
- Ad Valorem Tax
- I don't know
- No current dedicated funding but interested
- We do not have a local funding source for flood management activities.
- Other (please specify)
- None

47. Note the percentages associated with each identified revenue stream above.

48. Select the Federal or State grants or loan programs your entity has applied to in the last 5 years.

If yes, please select which ones below.

- Flood Infrastructure Fund (FIF) [TWDB]
- Building Resilient Infrastructure and Communities Program (BRIC) [FEMA]
- Hazard Mitigation Grant Program (HMGP) [FEMA, TDEM]
- Pre-Disaster Mitigation (PDM) [FEMA, TDEM]
- Flood Mitigation Assistance (FMA) [FEMA, TWDB]
- U.S. Department of Agriculture - Natural Resources Conservation Service (NRCS)
- Community Development Block Grant-Disaster Recovery (CDBG-DR) [HUD, GLO]
- Community Development Block Grant-Mitigation (CDBG-MIT) [HUD, GLO]
- U.S. Army Corps of Engineers Small Continuing Authorities Program (USACE CAP)

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- Cooperating Technical Partners Program (CTP) [TWDB]
- State Water Implementation Fund for Texas (SWIFT) [TWDB]
- Flood Protection Planning Grant [TWDB]
- Texas Water Development Fund (DFund) [TWDB]
- Clean Water State Revolving Fund (CWSRF) [TWDB]
- I don't know
- Other (please specify)

49. Has your entity secured grant or loan funding for flood mitigation in the last 5 years? If yes, please describe the total funding amount and associated project.

50. If you have not applied for Federal or State grant/loan programs, please state main reasons below?

San Jacinto Regional Flood Planning Group Goals

51. What are the top 3 priorities the RFPG should include in the establishment of regional goals?

Select up to 3.

- Implement protective standards and policies.
- Identify and communicate flood risk.
- Quantify potential reduction in risk to life and property.
- Restore failing/aging infrastructure.
- Implement flood warning and response mechanisms.
- Provide or enhance inter-jurisdictional cooperation.
- Other (please specify)

52. Are there certain areas within the region that have especially unique circumstances that warrant their own sub-regional goals?

For example, the RFPGs may wish to consider the unique needs of coastal vs. inland, urban vs. rural areas, areas with detailed vs. approximate floodplain mapping and modeling, or upstream vs. downstream areas.

- No
- Yes, describe