

Table 17: Recommended Flood Management Strategies by RFPG

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000148	SE Texas R.A.I.N. Gage Network Improvements	Re-location and installation of rain and stream gages throughout jurisdiction.	03000001, 03000002, 03000005, 03000006	Chambers, Liberty	12030203, 12040203	120302030108, 120302030109, 120302030201, 120302030203, 120302030204, 120302030301, 120302030302, 120302030303, 120302030304, 120302030305, 120302030306, 120302030202, 120302030307, 120402030200	Gillen Bayou, Lake Bayou-Trinity River, Long Island Creek-Whites Bayou, Cow Island Bayou, Turtle Bayou, Linney Creek-Trinity River, West Prong Old River, Redmond Creek, Lynchburg Canal-Old River, West Branch Devers Canal-Trinity River, Lost River-Old River, Crooked Marsh-Whites Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Flood Measurement and Warning	478.00	Riverine	Chambers	Chambers	N	\$243,000	State, Local	N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000149	Community Rating System	Join the Community Rating System to reduce flood insurance premiums and flood risk for residents.	03000011, 03000012, 03000025, 03000026	Chambers	12030203, 12040203	120302030203, 120302030204, 120302030304, 120302030306, 120302030202, 120302030307, 120402030200	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River, Crooked Marsh-Whites Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Regulatory and Guidance	141.00	Riverine	Chambers	Chambers	N	\$20,000	State, Local	N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000150	Flood Model and Map Management System	Develop and implement a web-based system to manage flood models and mapping and regulate future development.	03000005, 03000006	Chambers	12030203, 12040203	120302030203, 120302030204, 120302030304, 120302030306, 120302030202, 120302030307, 120402030200	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River, Crooked Marsh-Whites Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Flood Measurement and Warning	141.00	Riverine, Coastal	Chambers	Chambers	N	\$102,000	State, Local	N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

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032000151	Chambers County Property Acquisition Program	Develop a comprehensive loss reduction program to identify and acquire structures within the floodplain where buyouts are the most feasible option to reduce flooding and repetitive damages. Property will be acquired and converted into open space for floodplain preservation purposes.	03000011, 03000012, 03000021, 03000022, 03000025, 03000026	Chambers	12030203, 12040203	120302030203, 120302030204, 120302030304, 120302030306, 120302030202, 120302030307, 120402030200	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River, Crooked Marsh-Whites Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Property Acquisition and Structural Elevation	141.00	Riverine	Chambers	Chambers	N	\$1,024,000	State, Local	N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000152	Chambers County Drainage Criteria Manual Update	Update Drainage Criteria Manual for the County to minimize and eliminate the possibility of future development adversely impacting downstream communities.	03000009, 03000010	Chambers	12030203, 12040203	120302030203, 120302030204, 120302030304, 120302030306, 120302030202, 120302030307, 120402030200	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River, Crooked Marsh-Whites Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Regulatory and Guidance	141.00	Riverine	Chambers	Chambers	N	\$137,000	State, Local	N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000153	Liberty County WCID #5 Drainage Criteria Manual Update	Update Drainage Criteria Manual for Liberty County WCID #5 to minimize and eliminate the possibility of future development adversely impacting downstream communities.	03000009, 03000010	Liberty	12030203	120302030201, 120302030203, 120302030204, 120302030301, 120302030302, 120302030303, 120302030305	Long Island Creek-Whites Bayou, Cow Island Bayou, Turtle Bayou, Linney Creek-Trinity River, West Prong Old River, Redmond Creek, West Branch Devers Canal-Trinity River	Regulatory and Guidance	47.00	Riverine	Liberty County	Liberty County WCID #5, Liberty County	N	\$91,000	State, Local	N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance