Summary of potentially feasible strategies identified in the 2026 Regional Water Plans as having a potential flood mitigation benefit

Six regions (A, B, D, N, O, and P) identified 10 potentially feasible water management strategies with the potential to provide both water supply and flood mitigation benefits in their 2026 Regional Water Plans. The identified strategies include new major and minor reservoirs, dredging and sediment removal, managed aquifer recharge, and direct reuse, as follows:

1. Region A

a. **Strategy with potential for flood mitigation benefit**: Amarillo direct reuse
b. **2026 RWP Excerpt**: Section 5D.23.1 Potential for Flood Mitigation
"Most of the strategies recommended for the PWPA are for infrastructure improvements, new groundwater development and conservation. None of these strategies provide flood mitigation. The only strategy that may provide some flood mitigation is the direct reuse project for Amarillo.

Currently, Amarillo's wastewater effluent is contracted to Excel Energy for steam electric power, and provides inflow to Lake Tanglewood, but only a portion of the contracted amount is being used. Unused wastewater effluent is discharged to East Amarillo Creek and Prairie Dog Fork of the Red River to Lake Tanglewood. Greater use of the treated wastewater effluent would reduce discharges to both East Amarillo Creek and Prairie Dog Fork of the Red River and could provide some flood mitigation during high flow events."

2. Region B

c. **Strategy with potential for flood mitigation benefit**: Managed Aquifer Recharge (Baylor County)
d. **2026 RWP Excerpt**: Section 5.5.13 Strategies Potentially Providing Non-Trivial Flood Mitigation Benefits
"The following recommended strategies were identified by the Region B consultants as potentially providing non-trivial flood mitigation benefits:

Managed Aquifer Recharge (Baylor County): This strategy would capture stormwater runoff and potentially provide flood mitigation benefits."

3. Region D

e. **Strategy with potential for flood mitigation benefit**: Dimple Reservoir

f. **2026 RWP Excerpt**: Section 5.2.4 Potentially Feasible Water Management Strategies
"No recommended strategies were identified as having potentially beneficial impacts to flood events. One alternative strategy, the construction of Dimple Reservoir, could provide a potential beneficial impact to flood events."

4. Region N

g. **Strategies with potential for flood mitigation benefit**: Local Balancing Storage Reservoir; Nueces River Diversion to Choke Canyon Reservoir; Lake Corpus Christi Sediment Removal

h. **2026 RWP Excerpt**: Section 5B Water Management Strategy Evaluations and Recommended Water Management Strategies
"Several water management strategies could potentially provide flood mitigation benefits, which include: 5B.8 Local Balancing Storage Reservoir project to firm up run-of-river supplies for possible co-location with Nueces County Drainage District No. 2 flood detention basins; 5B.11 Nueces River Diversion to Choke Canyon Reservoir, and 5B.12 Lake Corpus Christi Sediment Removal. The latter two projects were identified in the Nueces Basin (Region 13) Regional Flood Plan as flood mitigation strategies (FMSs)."

5. Region O

i. **Strategies with potential for flood mitigation benefit**: Lake 7 Reuse Project; Post Reservoir

j. **2026 RWP Excerpt**: Table 5 1. List of Potentially Feasible Water Management Strategies (WMSs) identifies Lake 7 Reuse Project (further described in Section 5.23) and Post Reservoir (further described in Section 5.3) as strategies that provide flood mitigation benefits.

6. Region P

k. **Strategies with potential for flood mitigation benefit**: Lake Texana Yield Enhancement Project; Lake Texana Dredging

l. **2026 RWP Excerpt**: Section 5.1.1 Potential Water Management Strategies
"Of the potentially feasible strategies identified, there are two strategies that could potentially provide non-trivial flood mitigation benefits, although that is not their intended purpose. These two strategies are the Lake Texana Yield Enhancement Project and the Lake Texana Dredging."