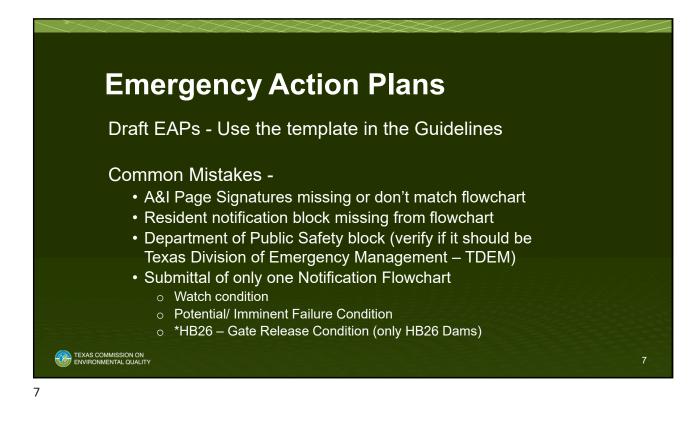
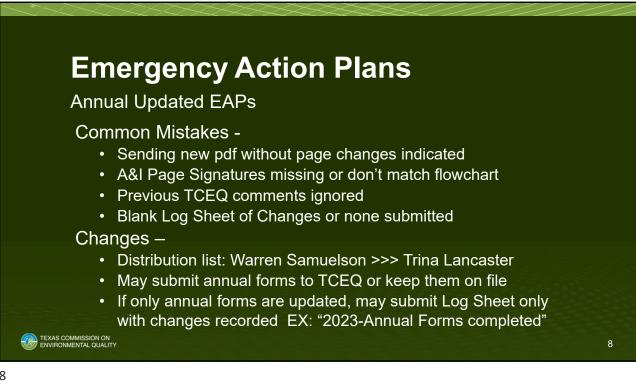


| YOUR DAM NAME, TX0000 Log Sheet of Changes | | | TAB 7 ANNUAL EAP EVALUATION CHECKLIST | | |
|---|---|-----------|--|---------------|---|
| Date 4/4/23 | Change Made 2023-Annual Forms completed | Signature | Was the annual dam inspection conducted? | ₩es □ No | If yes, has the EAP been revised to include any signs of failures observed during the inspection? |
| | | | Was brush clearing, animal burrow removal, or other maintenance required? | ♥Yes □ No | If yes, describe actions taken and date: |
| | | | Was the outlet gate operable? | □ Yes □ No | If no, describe actions taken and date: |
| | | | Do the Notification Flowcharts require revision ² (Note that servision of the contact information will not require EAP approval; however, the revised contact information pages will need to be redistributed as a replacement pages.) | □ Yes ⊋No | If yes, list the dates of the contact information revision and redistribution: |
| | | | Was annual training or an exercise conducted? | res □ No | Circle training exercise Date conducted: 4/1/2023 |
| | | | Are inspection and training records included in the EAP? | Yes □ No | |
| | | | Was the EAP reviewed? | ¥Yes □ No | If yes, review date: |
| | | | Were changes required to the EAP? | No. | If yes, date of revised EAP approval: |
| | | | all and a second | | 4/4/2023 |

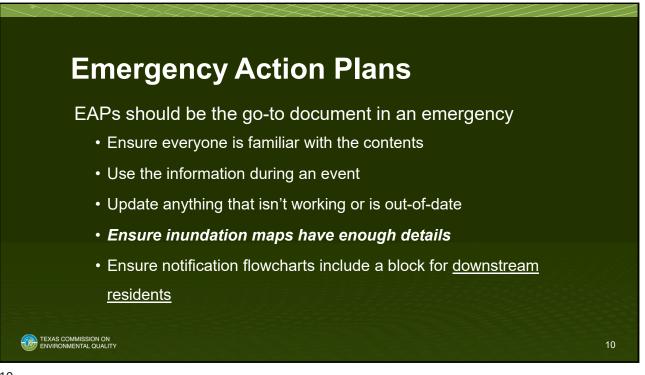
| TAB 8 | Тав 9 | | |
|---|---|--|--|
| PLAN REVIEW AND UPDATE This plan will be seviewed and updated annually and table top essecsies will be conducted at least once every five years. Document these reviews below. Suzy Que | TRAINING RECORD Use this form to record training estimation. File the completed form in the appropriate Tab of th EAP. All items in the EAP should be thacoregibly reviewed during training. Appropriate [Owne employees and EAP team members should attend a training session annually (or participate in simulated exercise). | | |
| Date of review: | TRAINING LOCATION ABGB County Office DATE 41/2023 VE INSTRUCTOR Suzy Que CLASS SIZY AN Name A | | |
| Date of series: Participants: | Name B | | |
| Date of serview: Pactocipants: | Name D | | |
| Date of series. Participants: | | | |
| Date of tabletop enseries: Participants: | Type of Simulation Conducted: Circle Emergency Type: Emergency water release Watch condition Provide dam failure Imminent dam failure Actual dam failure | | |
| | Comments, Results of Exercise: Revisions Needed to EAP Eased on Results of Exercise? | | |
| | □ Yes ✓ Types, lot revisions required: ✓ ✓ ✓ ✓ ✓ ✓ | | |



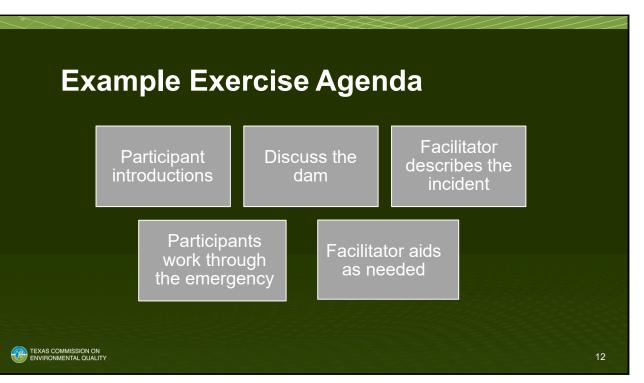


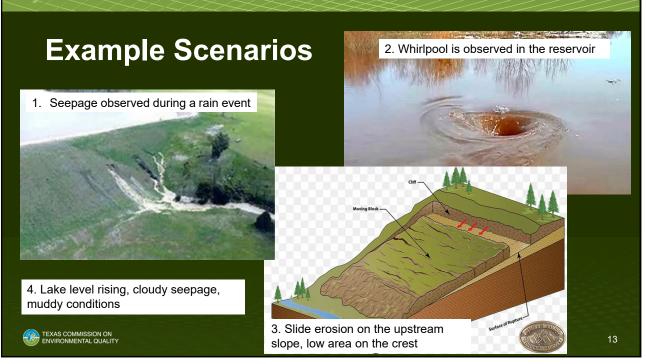
| Possible, Imminent, or Dam Failure Condition Notification Flowchart | APPROVAL AND IMPLEMENTATION | |
|--|--|--|
| (Dans Owner's Karne) | EMERGENCY ACTION PLAN | |
| Control Responder Terrorg Manager (Norreg Those, 1999, 999 9999) Control Responder Terrorg Manager (Norreg Those, 1999, 999 9999) Backup Consister (Norreg Those, 1998, 986 986 | YOUR DAM NAME, TX0000 | |
| Des Equires: 6 Colorit Color of Colorit Color of | This Emsegency Action Plan is beeeby approved. This plan is effective immediately and supersede all previous educons. | |
| Circ (1997, 1998 - 1999 Circ (1997) 1998 Circ | Mr So AndSo, Dam Manager/Owner | |
| ECG Dans Starty Section District 40, 12% CCB Marrington (ST 7-24) Marrington (ST 7-24) Marrington (ST 7-24) Marringt | I have sectived a copy of this Emergency Action Plan and concut with the notification procedures | |
| feecomy ortacors tou hold tou h | Mr Jon Doe, Date Emergency Management Coordinator, CountyName | |
| Additional Context (arean) Coll: (Percy energy) Coll: (Percy en | | |
| Concerning December 2019 (1999) Section 10 (1999) Concerning 10 (1999) Conc | | |
| Netes 1.Poses incluis rotactiniumation for al patentals imparts 6 distribut and ana offices. 2.Poses positis ha cantel etimated etimation try particular Youhand ForecastCRea Recald 2.Poses and the trimonation and an Italy. 2.Poses and the trimonation and the Italy. 3.Poses and the trimonation | | |



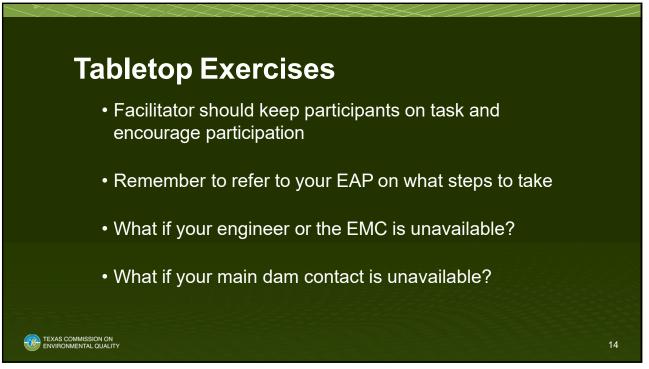




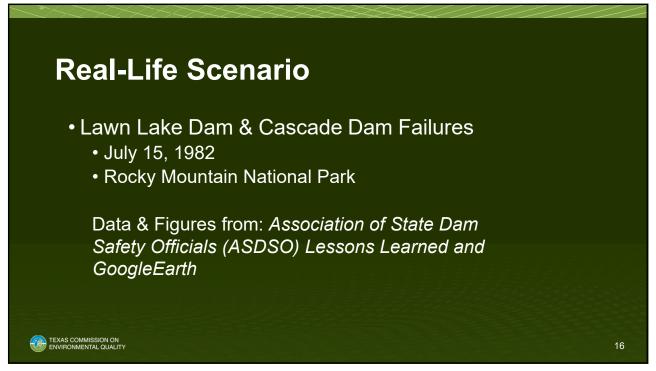




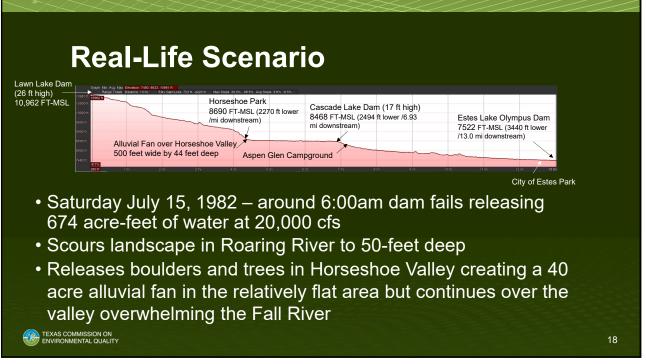


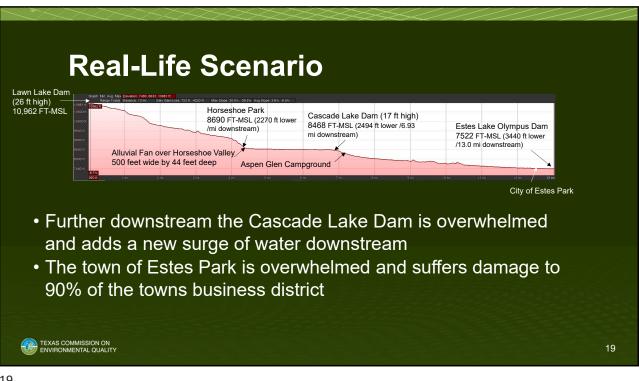


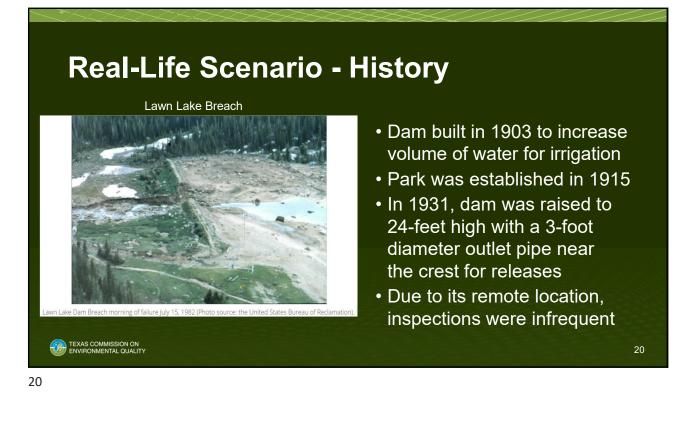












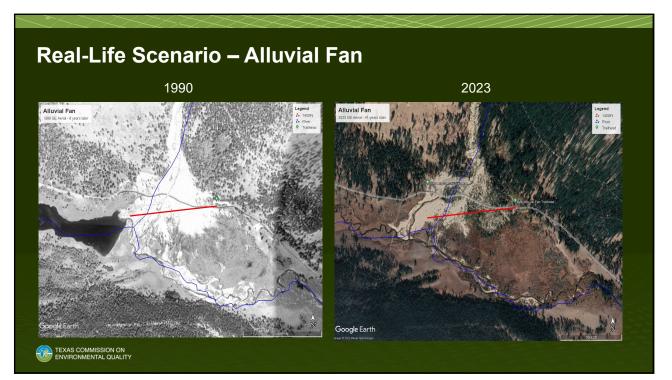
Real-Life Scenario – Alluvial Fan

- Waters rushed down the Roaring River valley killing one camper and scouring a gully to 50-feet deep
- Flood waters produced an Alluvial Fan over Horseshoe Valley (500 feet wide by 44 feet deep)
- The flood continues downstream overwhelming Fall River



44 acre alluvial fan from Roaring Creek erosion (Photo source: the National Park Service).

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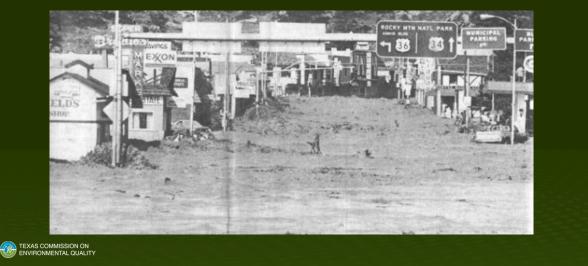
Real-Life Scenario – Cascade Dam Failure

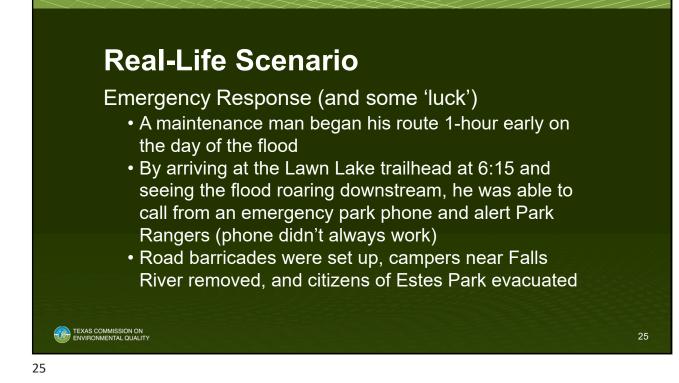
- The flood continues downstream overwhelming Fall River
- Cascade Dam (17-foot concrete dam) overtops and subsequently fails
- Two people in Asplen Glen Campground, just downstream, are killed

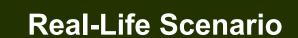


Real-Life Scenario – Estes Park

The flood continues downstream and 5-6 feet deep waters flow through the town of Estes Park leaving two feet of mud in its wake and millions of dollars of devastation.







Lessons learned

- Lack of dam maintenance can lead to major destruction and loss of lives
- Regular, thorough, dam inspections can provide valuable information on the status of the dam
- Emergency Action Plans (EAPs) save lives and give emergency responders a plan of action in the event of a dam failure
- A little luck can go a long way ⁽ⁱ⁾

