

Soil & Water Conservation Districts Dam Safety Work Group

Developing & Implementing Emergency Action Plans

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Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

New Process

Requiring Dam Break Inundation Studies & the use of the \$20 Million Bond

Groups Involved:

SWCDs – Dam Owners

DCR/DS&WC – District Consultant

**DCR/DDS – Regional Engineer & Central
Office Staff**

DCR/DAC – Kelly McClary & Dan Cox

Consulting Engineers – Dam Break

Inundation Studies

Municipalities

Responsibilities

SWCDs – Dam Owners

Responsible for the dam's operation & maintenance.

Responsible for Emergency Action Plan & implementation of the plan.

Responsible for ensuring all dams under their ownership are managed so that loss of life & property damage are minimized.

Responsibilities

DCR/DSWC – District Dam Safety Consultant

Ken Turner – Assists the dam owner with EAP preparation, training, & table top exercises.

Responsibilities

DCR/DDS – Regional Engineer & Central Office Staff

Ensures the EAP and dam break inundation study fulfills dam safety laws & regulations and provides recommendations the Virginia Soil & Water Conservation board for dam certification.

Responsibilities

DCR/DAC – Kelly McClary & Dan Cox

Hire & coordinate the engineering consultants performing the dam break inundation studies.

Responsibilities

Consulting Engineers – Dam Break Inundation Studies

Perform the dam break inundation studies & recommends hazard classification.

(They also provided EAPs as a part of several initial inundation studies.)

Responsibilities

Municipalities

Works with the dam owner to help safe guard citizens & property in their jurisdiction in accordance with the EAP.

Process

Old Process

- 1. District Dam Safety Consultant provides the certification paperwork to the SWCD for signature including the draft Emergency Action Plan**
- 2. The SWCD researches home owners at risk, business at risk, unoccupied building & land includes the names, address & telephone numbers in the EAP.**

Old Process Continued

3. SWCD coordinates the EAP with the Municipality & obtains their required signature.

4. The SWCD and municipality coordinate during an emergency in accordance with the EAP to minimize loss or life and property damage.

Process Continued

New Process

- 1. DAC hires a consultant who is responsible for completing a dam break inundation study & recommends hazard classification.**
- 2. DAC provides the study to the District & the District Dam Safety Consultant.**
- 3. District Dam Safety Consultant provides the certification paperwork to the district for signature including the draft Emergency Action Plan.**

Process Continued

New Process

4. SWCD coordinates the EAP with the Municipality & obtains their required signature.

5. The SWCD and municipality coordinate during an emergency in accordance with the EAP to minimize loss or life and property damage.

Questions?

