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## Woodland Pond Dam EAP Table Top Exercise Summary

1 message

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**Craig Lester** <craig.v.lester@gmail.com>

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To: Alex Lucado <Alex.Lucado@timmons.com>, Aubrey Tarkington <aubreytarkington@verizon.net>, Bruce McFadden <bruce.mcfadden@vdot.virginia.gov>, Chris Workman <WorkmanC@chesterfield.gov>, Daniel Bradway <Daniel.Bradway@vdem.virginia.gov>, Donna Pletch <donna.pletch@vdem.virginia.gov>, Eric Seymour <eric.seymour@noaa.gov>, Fred Sundstrom <FSundstrom@msn.com>, Jess Robison <RobisonJA@chesterfield.gov>, Keith Chambers <ChambersK@chesterfield.gov>, Keith Hawkes <Keith.Hawkes@vdot.virginia.gov>, Mark Killgore <mark.killgore@dcr.virginia.gov>, Mary Bowman <BowmanM@chesterfield.gov>, Matt Coffin <CoffinM@chesterfield.gov>, Owen Waltman <owaltman@verizon.net>, Thomas McCullough <McCulloughT@chesterfield.gov>, Wendy Howard-Cooper <wendy.howard-cooper@dcr.virginia.gov>

All,

Thank you so much for participating in the Woodland Pond Dam Emergency Action Plan Table Top Exercise on August 28, 2019. I am very sorry for just now sending out the summary of that exercise.

The participants are shown in Table 1.

The purpose of the exercise was to test readiness for an actual emergency and identify needed revisions to the Emergency Action Plan and training / resources for key EAP responsible persons. Two Scenarios were reviewed.

The first scenario involved a PMP rain event caused by a hurricane. Participants discussed actions taken as events unfolded, from 7 days prior to the event to the day after the event, moving through all three emergency action stages, culminating in dam failure due to over topping.

The second scenario involved a sunny day breach due to an earthquake on day 1, with aftershocks on day 2, resulting in dam failure on day 2.

Several path forward action items were identified and are shown in Table 2. Thanks so much to all of the attendees for your active participation and suggested improvements to the EAP and supporting systems. Please let me know if you have further suggestions for improving the EAP or our preparedness.

Sincerely,

Craig Lester  
Woodland Pond Dam EAP Coordinator  
804-304-1854 cell

Table 1. EAP Table Top Exercise Participants

Name	Role
Owen Waltman	Dam Owner / Operator
Craig Lester	EAP Coordinator
Aubrey Tarkington	Staff Gauge Observer

Fred Sundstrom	Alternate Staff Gauge Observer
Sherry Laffoon	Chesterfield County Interim Emergency Management Coordinator
Mary Bowman	Chesterfield County Emergency Communications Operations Manager
Jess Robison	Chesterfield County Public Outreach Coordinator
Wendy Howard Cooper	DCR Dam Safety Director
Mark Killgore	DCR Regional Dam Safety Engineer
Donna Pletch	VDEM Chief Regional Coordinator
Eric Seymour	National Weather Service Hydrologist
Keith Hawkes	VDOT Superintendent Area HQ
Bruce McFadden	VDOT Incident Manager
T.O. McCullough	Chesterfield County Police Captain
Matt Coffin	Chesterfield County Assistant Fire Chief
Keith Chambers	Chesterfield County Assistant Fire Chief
Sal Luciano	Chesterfield County Deputy Fire Marshall & interim EMC
Charlie Knowles	Chesterfield County Fire & EMS
Chris Workman	Chesterfield County Floodplain Manager

Table 2. EAP Table Top Exercise Path Forward Action Items

<b>Responsible Person</b>	<b>Action Item</b>
Wendy Howard Cooper	Add Chesterfield County Emergency Management to DCR Alerts
Wendy Howard Cooper	Grant DSIS access to interested emergency response personnel when they request it.
Craig Lester	Ask affected properties in inundation zone to join Chesterfield Alert system
Craig Lester	Test Dam alarms on a periodic basis
Craig Lester	Update EAP with EOC phone number
Craig Lester	Modify EAP to notify NOAA to issue flash flood watch (stage 2) and warning (stage 3)
Craig Lester	Identify ham radio operators in area who can help communicate during emergencies

Craig Lester	Notify inundation zone property owners of potential flooding on their property
Craig Lester	Consider establishing agreement with Timmons Group to have Engineer on call to respond to emergency events
Craig Lester	Consider establishing role emails to notify EAP personnel, rather than using personal emails.