Dam Dangerous - Basics

Safety <u>AT</u> dams

Vs

Safety OF Dams





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Around Dams)

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Dams are a critical part of the nation's infrastructure

- The National Inventory of Dams (NID) lists more than 92,000 dams
- Unregulated dams
- Low Head Dams
- Approximately 65% of dams Privately Owned

Despite their importance, our nation's dams are aging and deteriorating

The population at risk near dams is increasing, this needs greater attention and investment

No matter the intended use, a dam's owner is solely responsible for its safety, liability, financing of its upkeep, repair, rehabilitation, and for Incident and Emergency actions

- 2003 estimate to rehab all non-federal dams \$34 Billion
- 2025 estimate to rehab all non-federal dams \$165 Billion

Lack of funding is a serious national public safety problem

State dam Safety programs have primary regulatory responsibility for about 70% of NID listed dams

Whether small government or big government by design, all state programs seek to encourage dam owners to meet current

- local,
- state,
- federal, and
- Professional industry safety standards

Most state programs have limited ability to enforce the law

"That Dam Has Been Here For Years, so its OK!!"

Wrong – Advancing Age and No Maintenance Makes Dams More Susceptible to Incidents & Failure

The burden of "disasters are always local events"

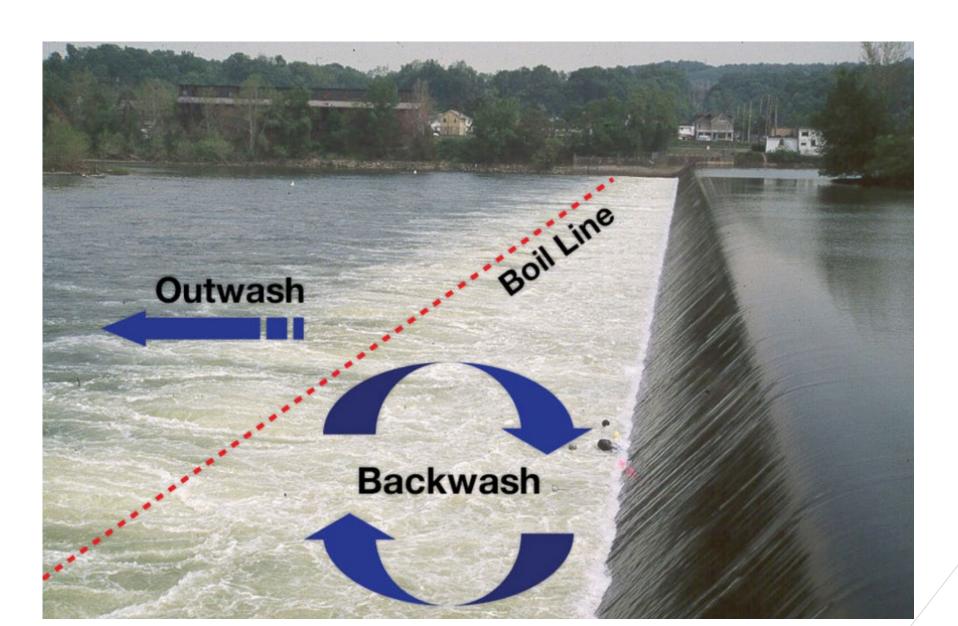
Safety <u>AT</u> Dams

Natural hazards await on rivers and streams Unnatural hazards await the unwary

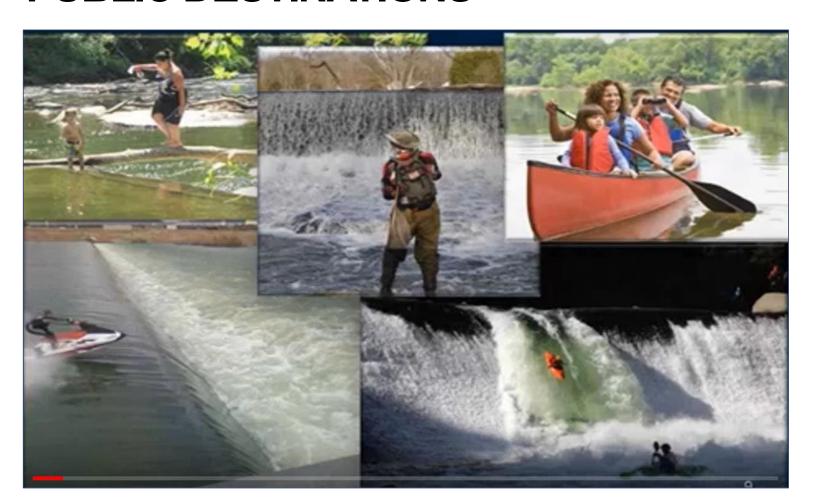
Low Head / In-Channel Dams / Drowning Machines



What's The Problem?



WHAT'S THE PROBLEM DAMS HAVE BECOME PUBLIC DESTINATIONS



LHDS OFTEN CAN'T BE SEEN WHEN APPROACHED



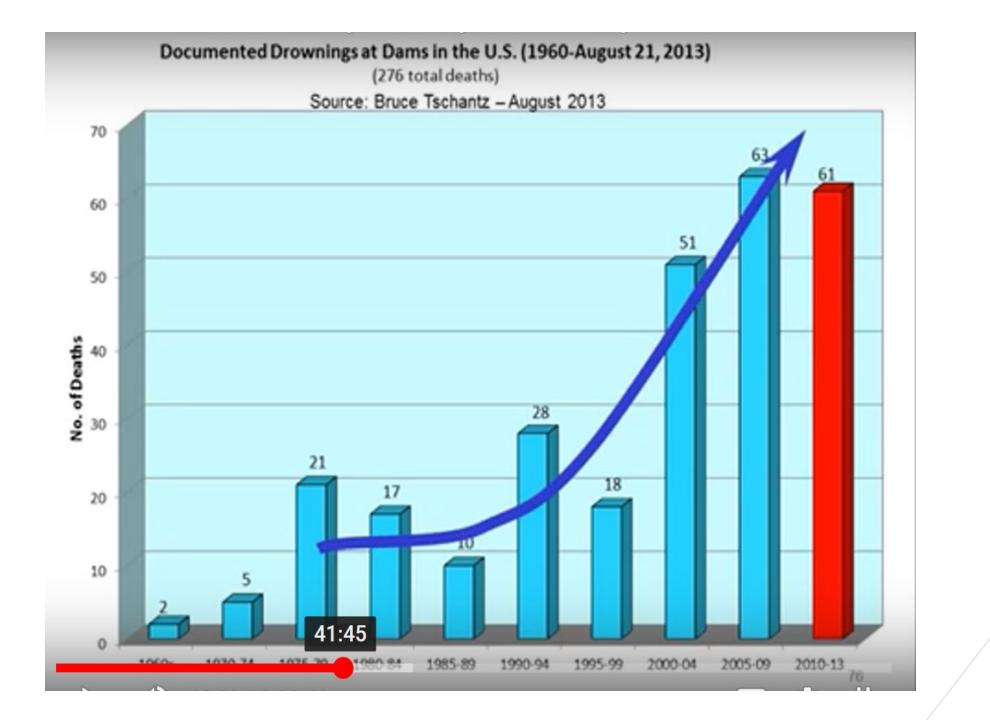


Looking
Back
Upstream

Difficult to escape the recirculating currents,

- even in a motorized boat or wearing a PFD
- Also dangerous for first responders















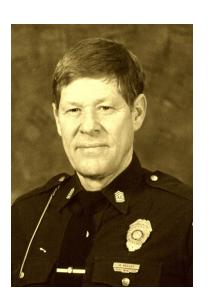












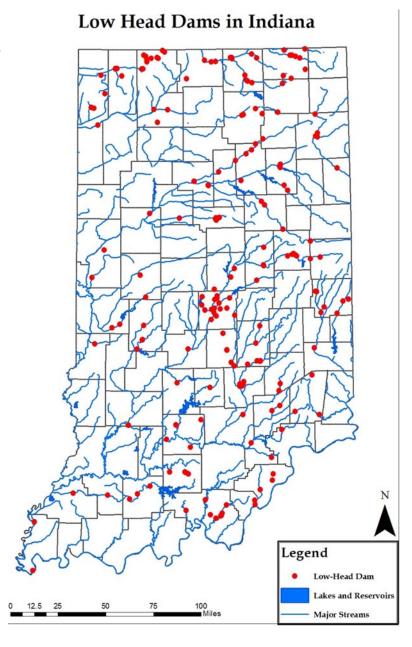
HELP TEACH OUR YOUTH WATERWAY SAFETY



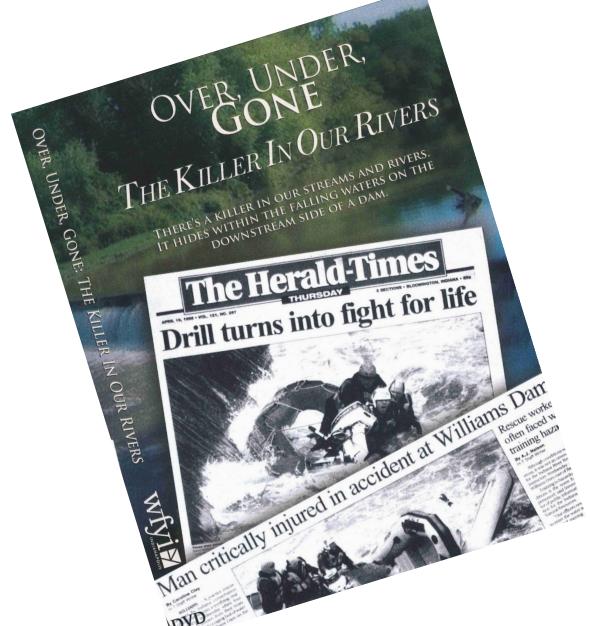
WHAT DO YOU KNOW ABOUT STREAMS YOUR FAMILIES PLAY IN?

Low Head dams Are Common Safety Hazards In Rivers And Streams

THERE MAY BE ONE IN A
WATERWAY NEAR YOU



WATER RECREATION SEASON IS NOW



TEACH WITH
THE WFYI
DOCUMENTARY

OVER, UNDER, GONE
THE KILLER IN OUR
RIVERS

DAMSAFETY.ORG/ROADMAP



Association of State Dam Safety Officials ASDSO

At Damsafety.org

THANK YOU

