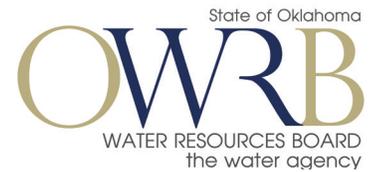


OKLAHOMA WATER RESOURCES BOARD DAM SAFETY QUARTERLY

Volume 7, Issue 2

Fall 2019



NEWSLETTER OF THE OKLAHOMA DAM SAFETY PROGRAM

In this issue:

- 1 | FEMA Grant Program for Rehabilitation of High Hazard-Potential Dams
 - Free Low Hazard-Potential Dam Inspection Registration Open
- 2 | FEMA Congressional Affairs Briefing
 - Inspection Reports Due December 31
 - Slope Stability Workshop Wrap-Up
 - Upcoming Events



FEMA Grant Program for Rehabilitation of High Hazard-Potential Dams

In September, FEMA approved the OWRB's application for the Fiscal Year 2019 High Hazard-Potential Dams Rehabilitation Grant submitted through ND-Grants. Dam Safety staff have been working diligently with dam owners that may be eligible for the grant and assisting them with preparing and submitting information required by FEMA. This grant program offers assistance for the rehabilitation of eligible high hazard-potential dams for technical, planning, design, and construction expenditures.

In order to be eligible for the high hazard-potential dam rehabilitation grant, dam owners are required to meet or complete the following requirements:

1. Submit an inspection report that identifies deficiencies that fall below Oklahoma's minimum dam safety standards and pose a risk to public safety.
2. Have an approved Emergency Action Plan in place.
3. Include the dam risk in a FEMA-approved state hazard mitigation plan of the county where the dam is located.
4. Be located in a community that participates in the National Flood Insurance Program.
5. Secure at least 35 percent of the project cost.

Dam owners must also commit to performing proper operation and maintenance of the project for 50 years after the completion of rehabilitation.

For more information on this grant opportunity, please contact the OWRB's Dam Safety staff at (405) 530-8800 or e-mail Emma Moradi at emma.moradi@owrb.ok.gov.



Animal burrows and seepage through the spillway are examples of deficiencies that may qualify for the High Hazard-Potential Dam Rehabilitation grant.

Julie Cunningham, Executive Director
Oklahoma Water Resources Board

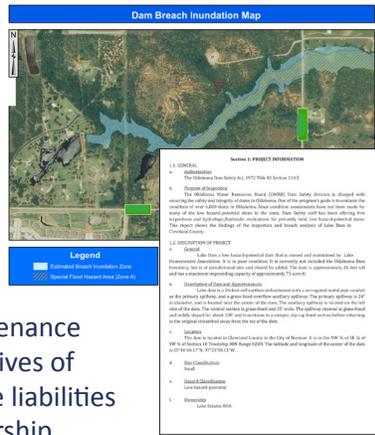
Kent Wilkins, Chief
Planning & Management Division

Yohanes Sugeng, P.E., Manager
Dam Safety Program

The Oklahoma Dam Safety Act recognizes that properly constructed, operated, and maintained dams used to impound water and create reservoirs for public and private beneficial uses constitute vital parts of the State of Oklahoma's water resources, and authorizes the Oklahoma Water Resources Board to regulate the construction, operation, and maintenance of dams to protect lives and property. Please e-mail comments and article ideas to pubinfo@owrb.ok.gov.

Free Low Hazard-Potential Dam Inspection Registration Open

Registration is now open for free low hazard-potential dam inspections. This offer includes an on-site inspection, full inspection report, and a breach inundation map. Registrants will learn inspection and maintenance techniques to prolong the lives of their dams and manage the liabilities associated with dam ownership.



Please visit www.owrb.ok.gov/damsafety or contact our dam safety staff for information and registration.

FEMA Congressional Affairs Briefing

On October 8, the OWRB Floodplain Management's Aaron Milligan and Dam Safety's Yohanes Sugeng joined Federal Emergency Management Agency (FEMA) personnel at the Joint Force Operations Center in Oklahoma City to brief staff members from the Oklahoma Congressional Delegation on federal and state flood recovery and hazard mitigation programs.



Mr. Milligan presented on the OWRB's coordination with FEMA, Oklahoma Emergency Management, and the Oklahoma Floodplain Administrators Program in response to

this year's floods. The OWRB's Dam Safety program has also consulted on a number of issues related to flood-stressed dam infrastructure through Oklahoma.

In addition to the situational update on the ongoing disaster recovery, Congressional staff heard about the OWRB's role in coordinating the state's National Flood Insurance Program (NFIP) and Dam Safety programs, as well as some of the regulatory procedures associated with the NFIP.

Inspection Reports Due December 31

Dam Safety staff would like to remind dam owners and engineers to submit inspection reports by December 31. State law requires high hazard-potential dams to be inspected by a licensed Professional Engineer each year, and significant hazard-potential to be inspected every 3 years. Inspection reports must be submitted to the OWRB within 30 days of the inspection and must contain the information in the [inspection checklist](#), a detailed list of deficiencies and recommended actions, and labeled and dated photographs. In accordance with Oklahoma Administrative Code 785:5-1-9, if inspection reports are not submitted on time an additional fee of \$50 will be due.

Slope Stability Workshop Wrap-Up



OWRB Dam Safety Program hosted a slope stability workshop in July 2019. This two-day technical course was attended by forty-four engineers representing private firms, universities, local, state and federal government agencies. The course included lectures and hands-on exercises and was instructed by ASDSO instructor, Mr. John

France and Mr. Marc Miller from Freese and Nichols, Inc.

Upcoming Events

- Nov 5 ASDSO Seminar: [Vermont Dam Safety Workshop](#), Montpelier, VT
- Nov 12 ASDSO Webinar: [Intro to Overtopping Protection Systems](#)
- Dec 4-5 [40th Annual Oklahoma Governor's Water Conference and Research Symposium](#), Midwest City, OK
- Dec 10 ASDSO Webinar: [Overtopping Protection Systems](#)

Julie Cunningham, Executive Director
Oklahoma Water Resources Board

Kent Wilkins, Chief
Planning & Management Division

Yohanes Sugeng, P.E., Manager
Dam Safety Program

The Oklahoma Dam Safety Act recognizes that properly constructed, operated, and maintained dams used to impound water and create reservoirs for public and private beneficial uses constitute vital parts of the State of Oklahoma's water resources, and authorizes the Oklahoma Water Resources Board to regulate the construction, operation, and maintenance of dams to protect lives and property. Please e-mail comments and article ideas to pubinfo@owrb.ok.gov.