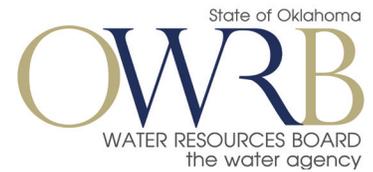


OKLAHOMA WATER RESOURCES BOARD DAM SAFETY QUARTERLY

Volume 4, Issue 2

Summer 2016



NEWSLETTER OF THE OKLAHOMA DAM SAFETY PROGRAM

In this issue:

- 1 HEC-RAS 2D Workshop
- Water Rights Seminar for the Oklahoma Real Estate Commission
- Upcoming Events

HEC-RAS 2D Workshop

The Oklahoma Water Resources Board Dam Safety program will host a Hydrologic Engineering Center's River Analysis System (HEC-RAS) 2D workshop in early 2017. This three day technical course is recommended for intermediate and advanced HEC-RAS users who have experience with previous versions of the software. The course will include lectures and hands-on activities led by instructors from Freese and Nichols, Inc. Discussions and activities will focus on the following topics:

- HEC-RAS 1D Unsteady/1D vs. 2D Modeling;
- Application and benefits of HEC-RAS 2D;
- RAS Mapper and terrain preparation;
- Running 1D and 2D models;
- Dams, levees, and breach modeling;
- Viewing results with RAS Mapper, model review, and trouble shooting; and
- In-depth modeling exercises.

The workshop date, location, fees, and a detailed course outline will be announced in the fall. Additional information and registration details will be made available online at www.okrb.ok.gov/damsafety.

Water Rights Seminar for the Oklahoma Real Estate Commission

The Planning and Management Division of the OWRB, in cooperation with the Oklahoma Real Estate Commission, recently held two full-day water rights seminars for Oklahoma's licensed realtors. The goal of these seminars was to introduce water issues of interest to the real estate industry and present a broad view of the OWRB's jurisdiction and regulations. More than 120 realtors attended the workshops to see presentations from Dam Safety, Floodplain Management, Technical Studies, Well Drillers, and Permitting staff.

Dam Safety staff introduced several topics, including identification of deficient dams, inspection of high hazard-potential dams, emergency action plans, and the importance of public awareness. Staff also discussed the responsibilities of dam ownership and how realtors can assist their clients in avoiding or easing those liabilities.

Because the spring workshops were such a success, the OWRB will hold two additional free seminars--in Woodward on July 14 and in Lawton on July 21. Seminars are underwritten by the Oklahoma Real Estate Education and Recovery Fund. To reserve a seat, licensed realtors must enroll through the [Oklahoma Real Estate Commission](http://www.okrb.ok.gov/damsafety).

Water Rights Seminar for the Oklahoma Real Estate Commission

July 14, 2016

High Plains Technology Center
ITC Meeting Room
3921 34th Street
Woodward, OK 73801

July 21, 2016

Great Plains Technology Center
Worley Center Room 301
4500 SW Lee Boulevard
Lawton, OK 73055



Realtors attend presentations by OWRB Dam Safety, Floodplain Management, Technical Studies, Well Drillers, and Permitting staff during Water Rights Seminars for the Oklahoma Real Estate Commission.

Upcoming Events

- | | |
|------------|---|
| July 12 | ASDSO Webinar: 3-D Effects on Estimation of Gradients, Seepage Flows and Evaluation of Internal Erosion Potential Failure Modes |
| July 14 | OWRB Seminar: Water Rights Seminar for the Oklahoma Real Estate Commission , Woodward, OK |
| July 21 | OWRB Seminar: Water Rights Seminar for the Oklahoma Real Estate Commission , Lawton, OK |
| Aug 9 | ASDSO Webinar: The Application of Geophysics in the Design, Construction and Operation of Dams |
| Sept 11-15 | 2016 ASDSO National Conference , Philadelphia, PA |

J.D. Strong, Executive Director
Oklahoma Water Resources Board

Julie Cunningham, 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.