

Arbuckle-Simpson Hydrology Study Timeline of Events

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
JAN											
FEB											
MAR											
APR											
MAY											
JUN											
JUL											
AUG											
SEP											
OCT											
NOV											
DEC											

OWRB begins field work
Fact Sheet available on OWRB website

List of stakeholders developed for email updates; 1st edition of newsletter sent

Senate Bill 288 passes, imposing a moratorium on issuing groundwater permits outside the basin until the OWRB approves MAY that will not reduce flow in springs and streams

2nd edition of newsletter sent to stakeholders

Peer Review team established with experts from USGS, OGS, EPA, and OSU

USGS installs stream gages in Pennington Creek and Blue River

USGS begins geochemical sampling
Presentation to Ardmore Geological Society
3rd edition of newsletter sent to stakeholders

Presentation to Oklahoma City Geological Society

Synoptic water level measurements on 64 wells in Hunton Anticline

Geochemical sampling targets estimation of groundwater age and rate of movement

Fittstown Mesonet station established
4th edition of newsletter sent to stakeholders

Deep test well drilled near Blue River

Study team tours Byrd's Mill Spring

Annual Report submitted to USBR

Surface Water Subcommittee holds first meeting
5th edition of newsletter sent to stakeholders

EPA runs geophysical logs on select wells

OWRB/USGS conduct aquifer test on Murray Co. RWD wells

Report published: Indicators of Hydrologic Alteration Streams (Nature Conservancy)

Mill Creek stream gage installed

Arbuckle-Simpson map viewer launched on OWRB website

Report published: Stream Water Management Network Model (Hydrosphere)

Report published: Distributed Water Resources Assessment (OU)

Annual Report submitted to USBR

Work begins on the Helicopter Electromagnetic and Magnetic (HEM) study

Work begins on groundwater flow model

Report published: Instream Flow Assessment (OSU/USGS)

Report published: Stream Water Management Network Model (Hydrosphere)

Arbuckle-Simpson map viewer launched on OWRB website

Report published: Electrical Resistivity Imaging, Evaluation of Fracture Properties, Estimating Hydraulic Parameters, Deep Test Well, Analysis, and Characterization of the Aquifer (OSU)

Final Study Report sent to USBR (OWRB)

USGS Gravity and Magnetic Data published
Annual Report submitted to USBR

Arbuckle study team visits Edwards Aquifer in Texas

Report published: Instream Flow Assessment (OSU/USGS)

Report published: Hydroclimatic Reconstruction Through Tree-ring Analysis (OU)

Public meeting in Ada to present study results

Reports published: Electrical Resistivity Imaging, Evaluation of Fracture Properties, Estimating Hydraulic Parameters, Deep Test Well, Analysis, and Characterization of the Aquifer (OSU)

Final Study Report sent to USBR (OWRB)

Report published: Geochemical Investigation of the Arbuckle-Simpson Aquifer (USGS)

Report published: Analysis of Seismic Reflection Data from the Hunton Anticline (OSU)

Report published: Depth Section Imaging for Airborne Geophysical Survey (USGS)

Report published: Instream Flow Assessment of Mill Creek (OSU/USGS)

Report published: Hydroclimatic Reconstruction Through Tree-ring Analysis (OU)

Public meeting in Ada to present study results

Reports published: Electrical Resistivity Imaging, Evaluation of Fracture Properties, Estimating Hydraulic Parameters, Deep Test Well, Analysis, and Characterization of the Aquifer (OSU)

Final Study Report sent to USBR (OWRB)

Report published: Three-Dimensional Geologic Model of the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Final study report published: Hydrogeology and Simulation of Groundwater Flow in the Arbuckle-Simpson Aquifer (USGS)

Draft tentative determination of MAY presented to Board

Tentative Order issued by Board

Notice of prehearing conference and hearing issued

Prehearing conference held in Ada

Hearing held in Sulphur

Hearing Examiner notifies parties of USGS communication

Parties file responses to USGS communication

Hearing Examiner issues 2nd Proposed Order

Board issues Final Order

Board denies reconsideration of final order

Protestants file action in Oklahoma Supreme Court for extraordinary procedural relief

Oklahoma Supreme Court issues Stay

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Protestants file action in Oklahoma Supreme Court for extraordinary procedural relief

Oklahoma Supreme Court issues Stay

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed

Oklahoma Supreme Court decision allowing case to proceed