



FALL 2019



JOPLIN RESERVOIR

PROPERTY OWNERS NEWSLETTER

Welcome to the first Joplin Reservoir project newsletter. Missouri American Water will use newsletters to update property owners and the community about the project. You can expect to receive a newsletter two to three times per year.

We hope you find the information useful. If you have any questions or concerns, please contact a project team member listed at the end of the newsletter.

REACHING OUT TO PROPERTY OWNERS

Missouri American Water hired the team of Black & Veatch and Olsson to work with property owners on future land acquisitions for the reservoir. Federal requirements for land acquisition and relocation are being followed.

Based on the project timeline, property acquisition is needed by 2023–2024 to allow for construction.



RECENT PROGRESS

SITE SELECTION

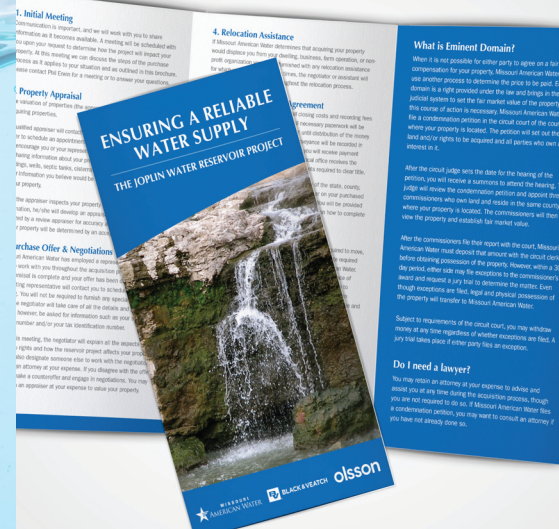
After exploring several locations, a site in Newton County was selected as the best option for a new water supply reservoir. The new reservoir is expected to occupy approximately 1,200 acres of land. Leading up to the announcement, community meetings were held with affected property owners at Missouri Southern State University.

AERIAL SURVEY COMPLETED

Aerial survey data collected in a reservoir site flyover has been used to refine a topographic map of the project area. The map is vital to the design and permitting process of the reservoir.

GEOTECHNICAL INVESTIGATION IN EARLY 2020

Black & Veatch and Olsson are coordinating with select property owners to conduct a geotechnical investigation. The investigation entails drilling borings, collecting soil and rock samples, and conducting field tests. The geologic data is used for dam design and construction specifications.



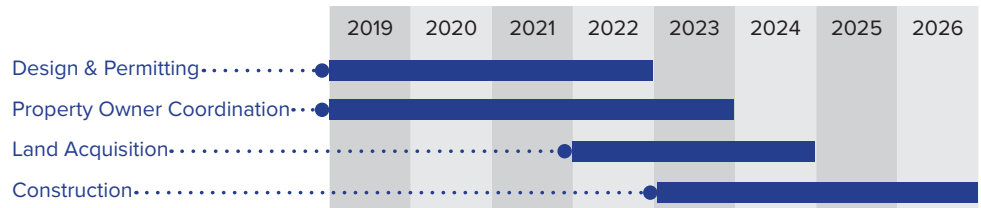
A brochure describing the land acquisition and relocation process is available through Olsson. A copy is available from **Phil Erwin** via email at perwin@olsson.com or by phone at **(417) 438-9954**.



LOOKING AHEAD

PROJECT TIMELINE

The project team updated the reservoir timeline. A new reservoir is a big project with tasks that take several years to complete.



ENVIRONMENTAL PERMITTING

Missouri American Water met with state and federal agencies in May 2019 to discuss permitting and environmental impacts. Research and discussions are ongoing to comply with existing laws and regulations. Agencies attending the environmental permitting meeting:

- U.S. Environmental Protection Agency
- Missouri Department of Conservation
- Missouri Department of Natural Resources
- National Park Service
- United States Army Corps of Engineers
- United States Fish and Wildlife

Missouri American Water is coordinating with federal and state agencies to ensure the correct documentation is provided before environmental permits are issued and construction can begin.

UPDATED PROJECT MAP

The project map on the following page has been updated based on the aerial survey completed earlier this year and includes the anticipated top of dam elevation and normal pool water surface elevation.

Property owners outside of these elevations may still be affected due to utility and roadway relocations. Infrastructure relocation relies on coordination with outside agencies including Newton County, Missouri Department of Transportation and other utility companies.

IS THERE A NEED FOR NEW DRINKING WATER SUPPLY?

Low flows on Shoal Creek have jeopardized drinking water supplies. Twenty-five private wells in Newton County have gone dry since 2014. To meet current and future water demands, a new reservoir is needed. After exploring several locations, a site in Newton County was selected as the best option. The new reservoir will occupy approximately 1,200 acres of land.

CONTACT US

QUESTIONS REGARDING THE JOPLIN RESERVOIR PROJECT

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QUESTIONS REGARDING LAND OWNER COORDINATION AND ACQUISITIONS

Phil Erwin, Olsson
 Email: perwin@olsson.com
 Phone: (417) 438-9954








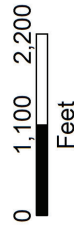
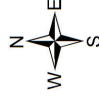
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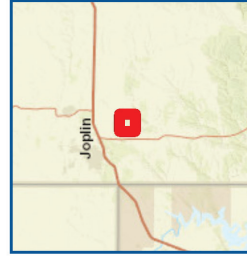
Joplin Source of Supply Reservoir

LEGEND

-  Roads
-  Property Lines
-  Top Of Dam Elevation 1,066.0 Feet
-  Maximum Normal Pool Elevation 1,053.5 Feet
-  Proposed Dam



1 inch = 2,350 feet



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