

# WYANGALA DAM SAFETY UPGRADE

|                           |  |
|---------------------------|--|
| <b>Location</b>           | Lachlan River, 48km upstream of Cowra        |
| <b>Year dam completed</b> | 1968   |
| <b>Storage capacity</b>   | 1,220,000 megalitres                         |
| <b>Project cost</b>       | \$43 million funded by NSW Government        |
| <b>Construction dates</b> | Commence June 2010, expected completion 2016 |

## WHY IS WYANGALA DAM BEING UPGRADED?

Wyangala is one of seven dams State Water is upgrading to meet NSW Dams Safety Committee standards for extreme floods. As our understanding of rainfall and severe weather patterns has improved since the dams were built, they now need to be upgraded to continue to serve communities safely.

## WHAT WILL THE UPGRADE INVOLVE?

The process involves technical investigations, environmental assessments, extensive community consultation, approvals, design and construction.

The upgrade will be carried out in three stages:

1. Raising the spillway chute wall;
2. Installing a gate raising and locking system; and
3. Raising the dam wall crest.

The project also now includes construction of a bridge and associated roadworks to provide an alternative access to the road across the top of the dam wall. Further information is provided overleaf.

## COMMUNITY INVOLVEMENT

State Water will continue to work with the community throughout construction, including regular meetings with Wyangala Dam working party to keep local residents informed and resolve any issues. The regional community will be kept up-to-date as construction progresses through local media and updates on the State Water website.

## POTENTIAL IMPACTS OF CONSTRUCTION

The level of the storage will not be impacted by construction. Water releases and operations will continue as normal. Access to recreational facilities will be maintained throughout construction.



## PROJECT TIMELINE

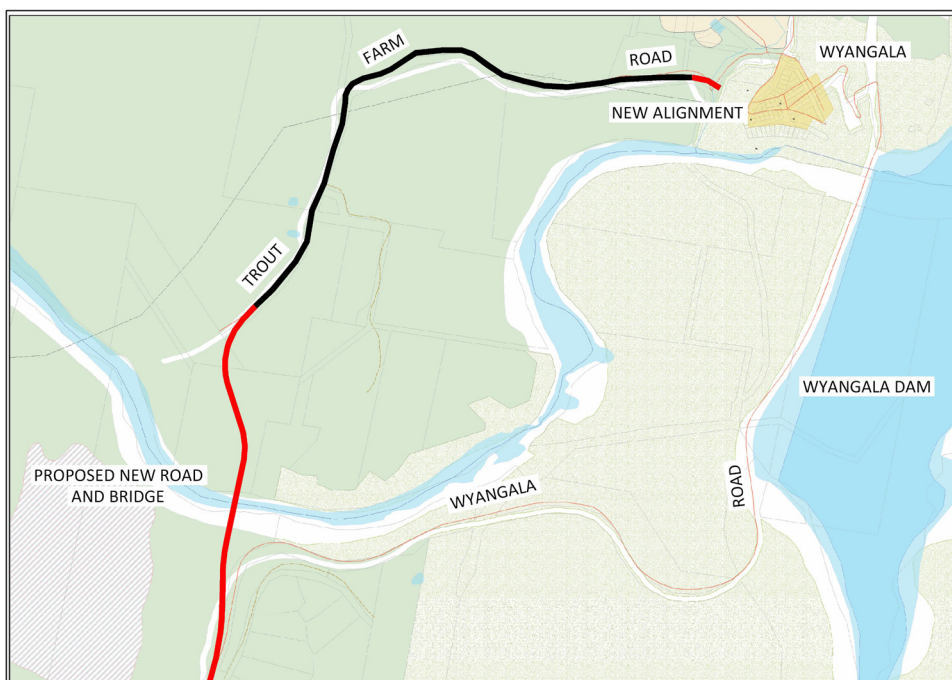
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| February 2010 | Commenced construction on chute wall raising                              |
| July 2010     | Completed construction on chute wall raising works                        |
| August 2010   | Alternative access route endorsed by Wyangala Dam working party           |
| December 2010 | Detailed design contract awarded for alternative access (road and bridge) |
| January 2011  | Detailed design contract awarded for gate raising and locking system      |
| March 2011    | Commence review of environmental factors (REF) on the alternative access  |
| Early 2012    | Commence construction on gate raising and locking system                  |
| Mid 2012      | Commence construction on alternative access and associated road works     |
| 2013          | Commence construction on dam wall crest raising                           |
| 2014          | Expected project completion   |

## WHAT IS HAPPENING WITH THE ROAD ACROSS THE TOP OF THE WALL?

The road across the top of the dam wall will be closed to public vehicles during construction and thereafter for safety purposes. A new road and bridge will be constructed to connect Darby's Falls Road and Trout Farm Road to provide alternative access. This option was endorsed by the Wyangala Dam working party including members of Cowra and Boorowa Councils and followed findings from an independent report and community consultation. The existing road across the dam wall will not be closed until the alternative route is available.

A review of environmental factors and additional community consultation has been commissioned by State Water to identify any issues with the alternative access and suggest ways to mitigate any impacts.

## ARTIST'S INDICATION OF NEW ROUTE



## FOR FURTHER INFORMATION

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