

Pipeline to Perth's water supply – Alkimos seawater desalination plant investigations

Drinking water produced by the proposed seawater desalination plant at Alkimos will join Perth's water supply at the Wanneroo Reservoir. To connect the plant to the reservoir a 35 kilometre pipeline will need to be built.

Where will the pipeline run?

We have worked with the City of Wanneroo, Main Roads WA and other stakeholders to identify a route where the pipe will run in major road reserves or public areas. The route runs east of the Alkimos Water Precinct, through Carabooda to Carabooda Tank, before heading south-east through Nowergup, Neerabup and along the outskirts of Banksia Grove, Mariginiup and Jandabup. A map of the proposed route is overleaf.

Will my home be affected by the pipeline?

We do not intend on running the pipeline through any private properties, however, like all major pipeline installations there is expected to be some inconvenience during installation. The pipeline would be built underground, meaning that once installed it will have minimal impact. During construction, large trenches are expected to be dug along the route for the pipe to be placed in. We will work with affected community members throughout the construction of the plant and the pipeline to discuss impacts such as traffic management.

What environmental studies were undertaken along the pipeline route?

Reducing our impacts on the environment is a priority. We completed flora and fauna surveys along a range of route options that were considered. The chosen route represents minimal clearing due to it predominately being located within road reserves.

Have you considered future growth of the area?

We have. Our planning includes discussions with a range of stakeholders to understand how the Alkimos and Wanneroo area will change in coming years and how we can best become part of that growth and change. Consideration has and continues to be given to managing environmental and social impacts.

Stay informed

We will continue to keep the community and stakeholders updated as we progress our planning.

Visit watercorporation.com.au/securingwater to read more about our long term plans for Perth's water supply.

