

# Temporary marine exclusion zone

## Project update: Alkimos offshore investigations

November 2018

Water Corporation is investigating the feasibility of building a seawater desalination plant at Alkimos as one of the possible future water source options to secure Perth's water supply. As part of the feasibility studies, the Corporation has completed a seismic survey off the coast of Alkimos. A core sample drilling program will start in mid November.

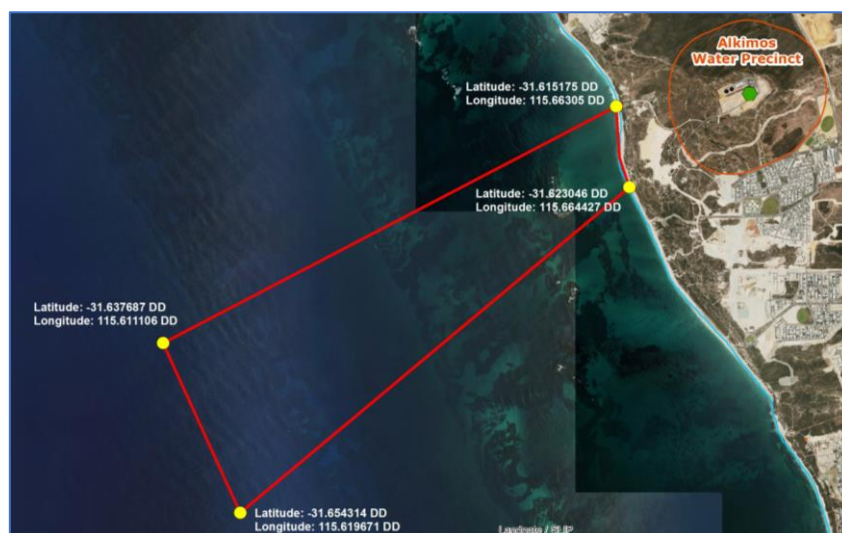
### Core sample drilling

Core sampling drilling involves a marine barge equipped with a drilling rig boring small holes into the sea floor and extracting samples for analysis. The barge, commonly referred to as a jack-up barge, will be towed into place by a support vessel before it stabilises in position on the sea bed and drills the relevant hole.

This work is planned from **12 November 2018 for about six weeks** (pending weather conditions).

### Maintaining a safe distance

The vessels will operate during daylight hours, 7 days a week (weather permitting). Fishers are requested to remove all equipment from the area below and keep a safe distance of no less than 25 metres from the marine equipment. Removal of fishing gear such as cray pots and octopus traps from the area will ensure gear is not inadvertently damaged during moving of the barge.



All bore hole locations will fall within the below area (as shown on map above):

Location	Longitude (DMS)	Latitude (DMS)	Easting	Northing
NE (beach)	115° 39' 36"	-31° 36' 36"	372968mE	6501887mN
SE (beach)	115° 40' 12"	-31° 37' 48"	373549mE	6500102mN
NW	115° 36' 00"	-31° 38' 24"	367629mE	6499130mN
SW	115° 37' 12"	-31° 39' 36"	368941mE	6496254mN

## Alkimos Offshore Investigations



### Protecting the marine environment

A comprehensive environmental management plan has been prepared to mitigate potential impacts on the marine environment.

### Working with the community

Access to the Alkimos beach for fishing, recreating and swimming will not be affected by the work. The drilling rig and vessels may be visible from the shoreline.

It is safe and permitted to dive at the nearby Alkimos and Eglinton wrecks during the work.

Some noise may be heard from the barge during drilling work.

### Securing Perth's water supply

Find out more about the feasibility investigations underway in relation to a possible future seawater desalination plants at Alkimos and/or Kwinana or to join the online community to have your say on what is proposed at

<https://yoursay.watercorporation.com.au/future-perth-desalination-plants>

You can also contact Water Corporation's Community Engagement team via email to [community.engagement@watercorporation.com.au](mailto:community.engagement@watercorporation.com.au) or phoning 9420 3488.

