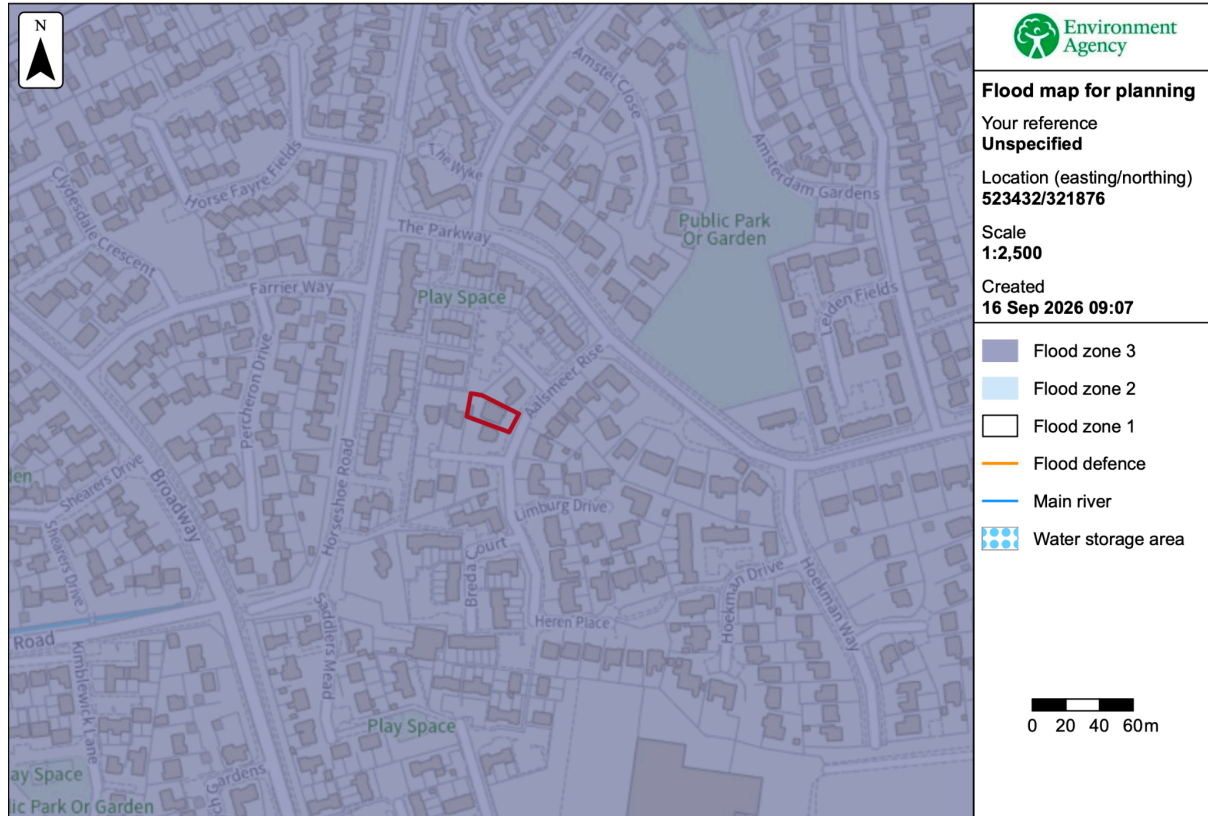


Food Risk Assessment

2 AALSMEER RISE, SPALDING, PE11 3JD



The area around 2 AALSMEER RISE, SPALDING, PE11 3JD is in flood zone 3, according to the gov.uk long-term flood risk checker

- A medium to high chance of flooding from river and the sea
- A very low chance of surface water flooding
- It is outside the groundwater flood alert area

The proposed Air Source Heat Pump will be installed with Anti-Freeze valves. These valves will stop the water from circulating into the house if there is an issue with the unit

The proposed Air-Source Heat Pump drains surface water runoff into a drain via a drip tray.

The proposed installation of the Air-Source Heat Pump (ASHP) will have a neutral impact on site hydrology and flood risk. The unit and associated pipework are exclusively externally surface-mounted and securely anchored in place. As the project involves zero deep excavation, no alterations to existing ground levels, and no increase in impermeable surface area, the development will not displace floodwater, reduce local flood storage capacity, or alter surface water run-off routes for the property or surrounding area.

Rivers and the sea [More about your rivers and sea flood risk](#)

Yearly chance of flooding

Very low

Low

Medium

High

Yearly chance of flooding between 2036 and 2069

No data available

This data is currently unavailable. We'll publish the data when it becomes available.

What makes rivers and sea flooding more likely

Low-lying areas that are close to rivers or the sea are more likely to flood when water levels rise.

This information takes into account any flood defences.

► [Why flood defences cannot completely prevent flooding](#)

Surface water [More about your surface water flood risk](#)

Yearly chance of flooding

Very low

Low

Medium

High

Yearly chance of flooding between 2040 and 2060

Very low

Low

Medium

High

What surface water is

Surface water flooding is sometimes known as flash flooding. It happens when rainwater cannot drain away through normal drainage systems.

► [Why surface water flooding is a problem](#)

Groundwater

[More about your groundwater flood risk](#)

We use groundwater flood alert areas to check the risk of flooding from groundwater.

This location is outside of a groundwater flood alert area.

► [What this means](#)

What groundwater is

Groundwater is the water that is usually held in rocks and soil underground.

Groundwater flooding happens when this water rises and flows above the surface.

Flooding from rivers is more likely when groundwater levels are high.

Reservoirs

[More about your reservoir flood risk](#)

Flooding from reservoirs is unlikely in this area.

What a reservoir is

A reservoir is a large natural or artificial lake that is designed to collect and store water.

They are usually formed by building a dam across a river, or by building a large tank or surrounding embankment. If one of these dams or embankments fails, then water could escape from the reservoir. This would result in land or properties being flooded.