

Site Name: Mast Quay Plot/Mast pond wharf					
Site ID:	SA40	Site Address:	Woolwich	Area (ha):	0.57
Current Use:	Vacant land	Proposed Use:	Residential	Vulnerability Classification:	More Vulnerable
Tidal Source:					
Flood Zone 1 (<0.1% AEP):	0%	Flood Zone 2 (0.1% AEP):	0%	Flood Zone 3 (1% AEP):	0%
			Flood Zone 3b (5%AEP):	100%	Area Benefiting from Defences:
					0%

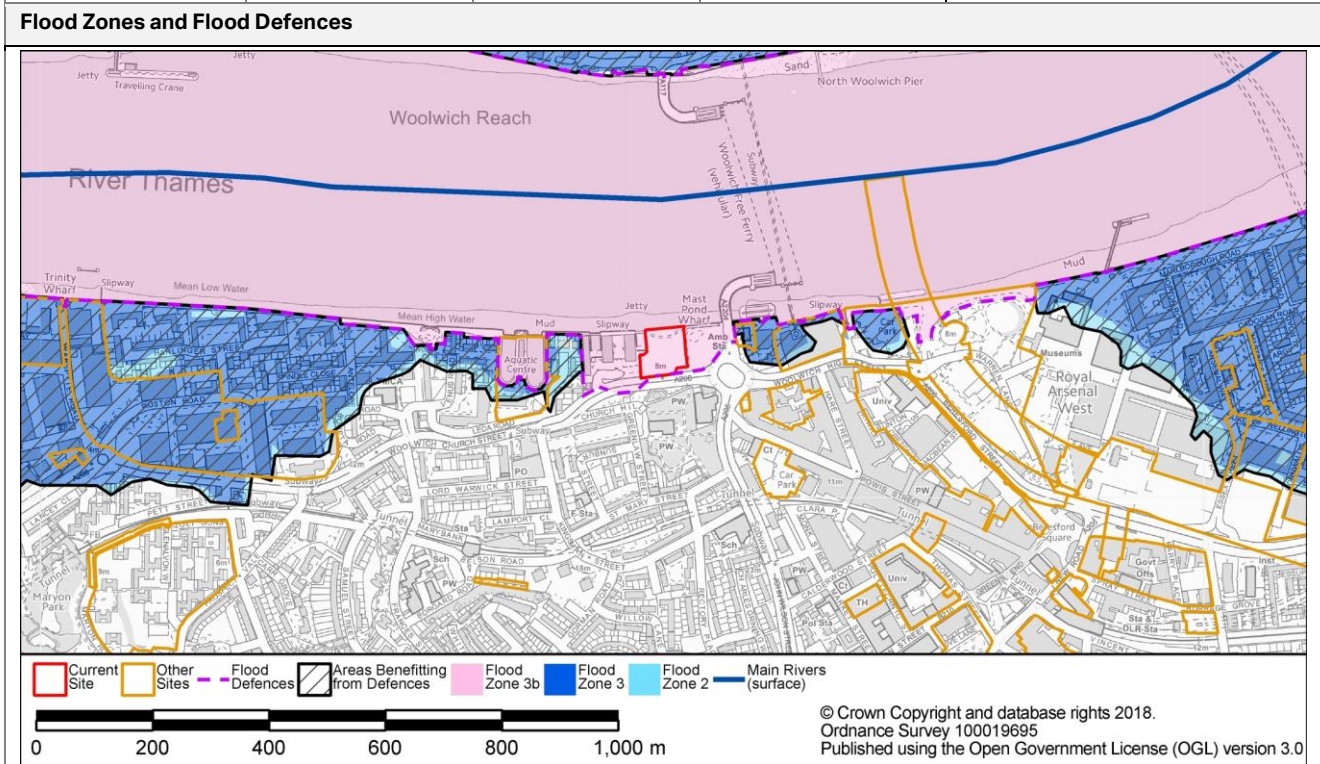


Figure A - Flood Zones

Flood Defence Source:	tidal	Upstream of Thames Barrier?	No
Flood Defence Type:	wall	Standard of Protection:	1000
Flood Warning Area	Tidal Thames from Woolwich Arsenal to Deptford Creek (95% Overlap)	Emergency Rest Centre	Waterfront Leisure Centre - GLL

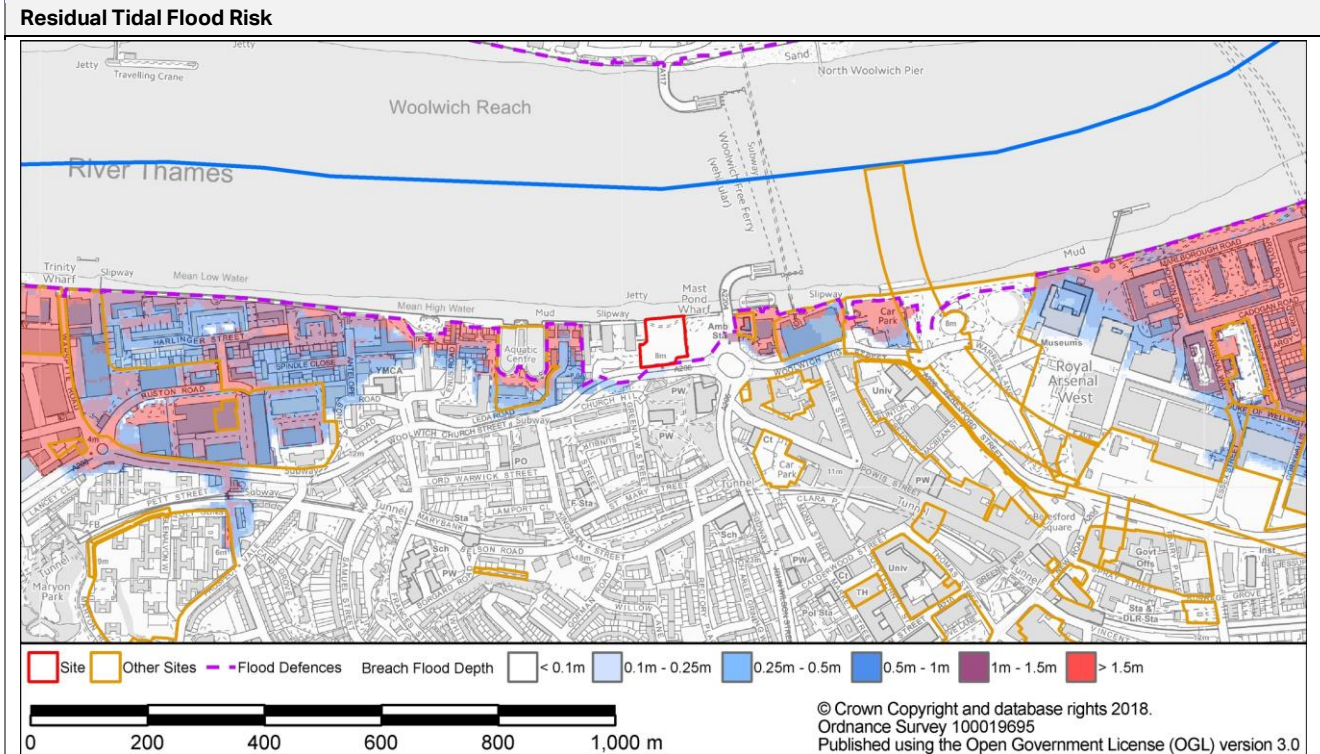


Figure B - Maximum Flood Depth (Downriver Breach Assessment, 0.5% AEP 2115)

Site Name: Mast Quay Plot/Mast pond wharf

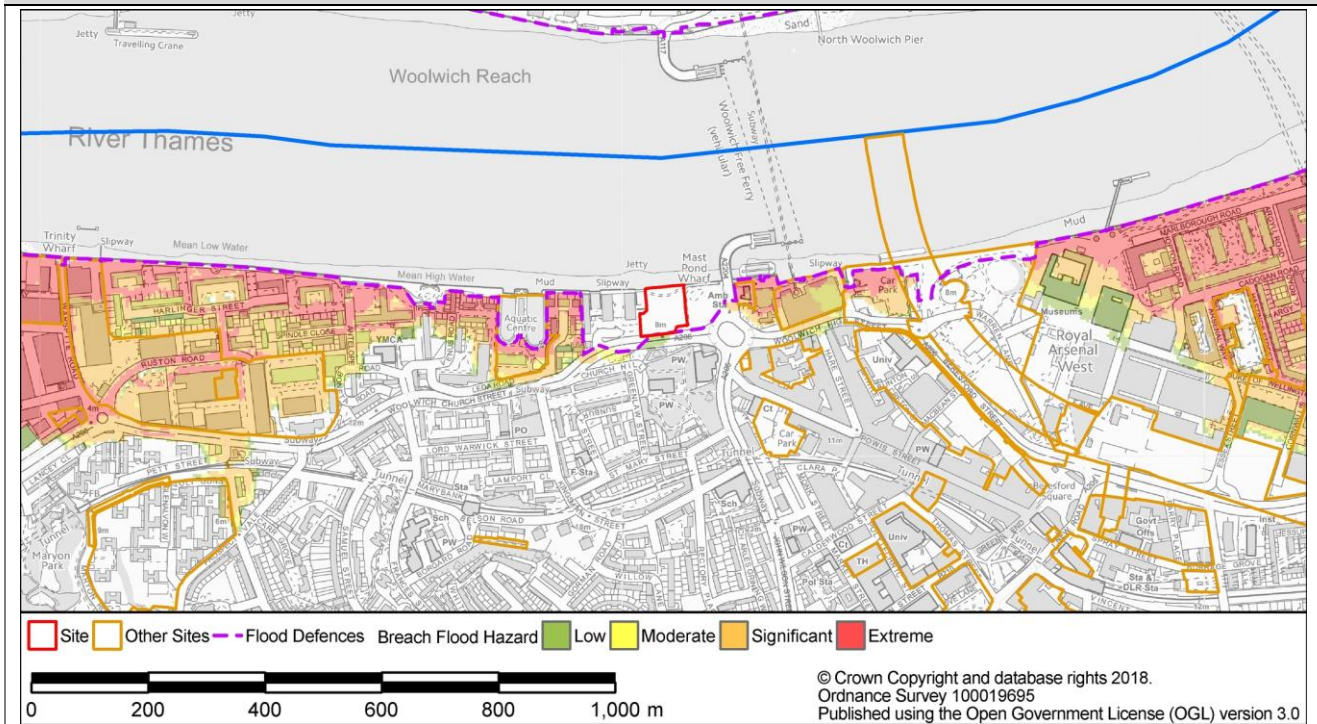


Figure C - Maximum Flood Hazard (Downriver Breach Assessment, 0.5% AEP 2115)

Surface Water Source

Risk of Flooding from Surface Water (RoFSW) Low

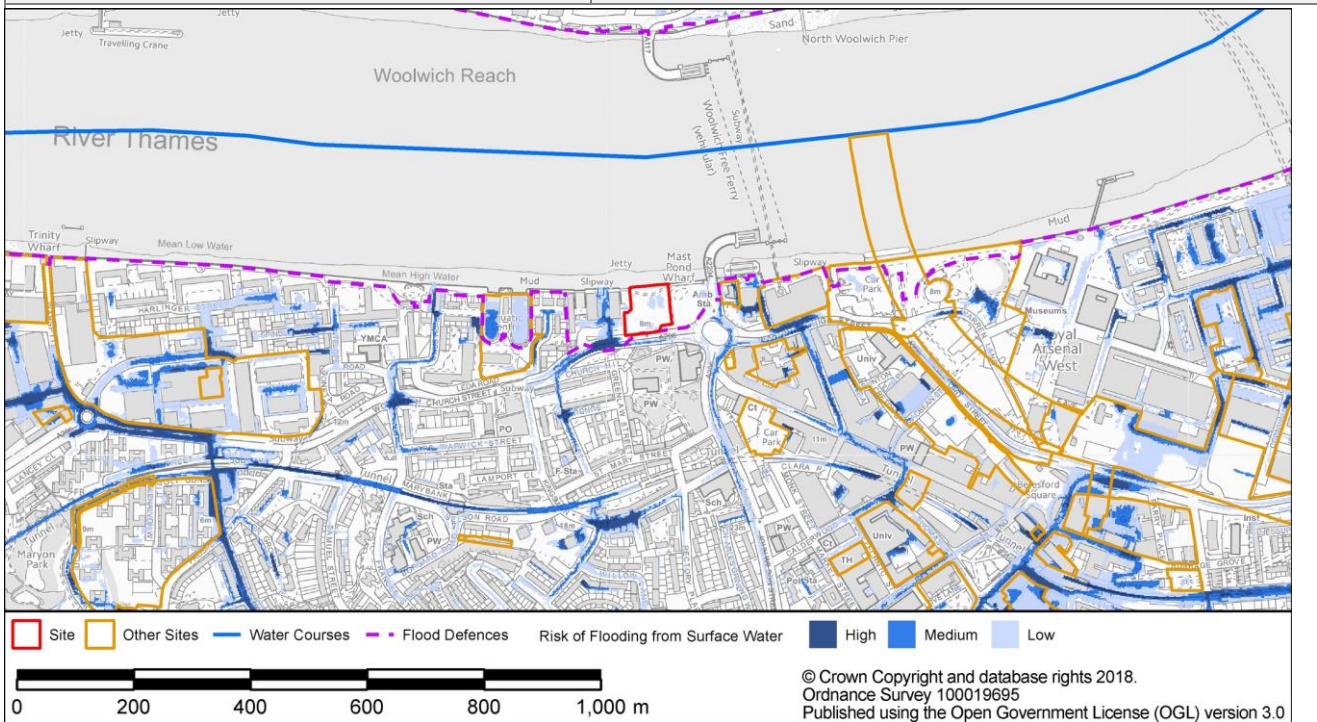


Figure D Risk of Flooding from Surface Water (RoFSW)

Critical Drainage Area Group6_014 (96% Overlap)

Groundwater Source

Bedrock Geology	Thanet Sand Formation, Upper Chalk Formation	Superficial Geology	Head - Clay, Silt, Sand, Gravel
Bedrock Aquifer Designation	Secondary A (53% Overlap), Principal (47% Overlap)	Superficial Aquifer Designation	Secondary (undifferentiated) (100% Overlap)

Potential Groundwater Flooding Zone Zone A

Other Sources

Sewer Flooding (within 4 digit postcode) Internal Flood Incidents: NoData External Flood Incidents: NoData

Artificial sources

Site Name: Mast Quay Plot/Mast pond wharf**Site Specific Recommendations**

The site is located entirely within Flood Zone 3b and is at risk of tidal flooding. The site is only suitable for water compatible use.

Development at this location should implement the Thames Estuary 2100 action zone 3 or 4 recommendations to maintain, improve and enhance or replace the flood defence walls in this location. Development at this site should also agree a programme for habitat enhancement and replacement and implement habitat improvement and replacements schemes, as specified by the plan.

Summary

The site is located entirely within Flood Zone 3b and is only suitable for water compatible development. On this basis, this site will not pass the Exception Test.