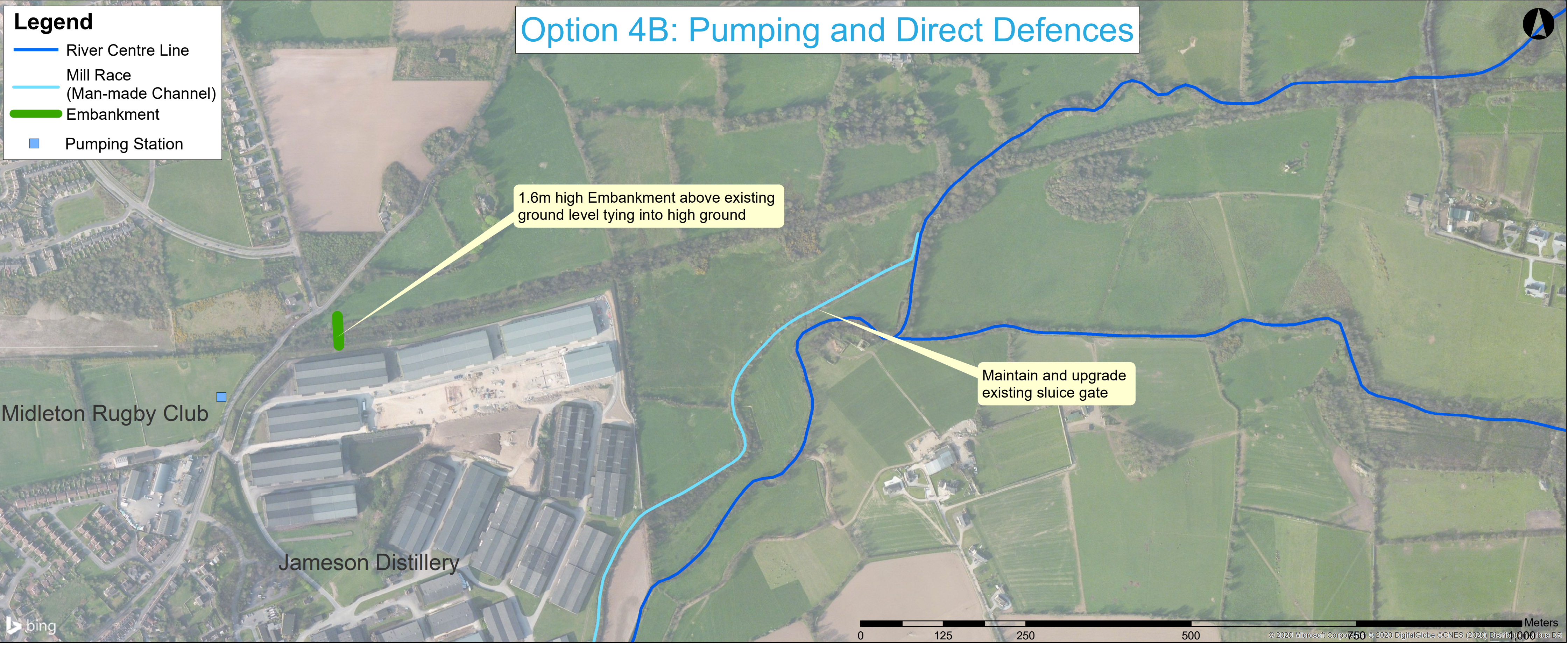
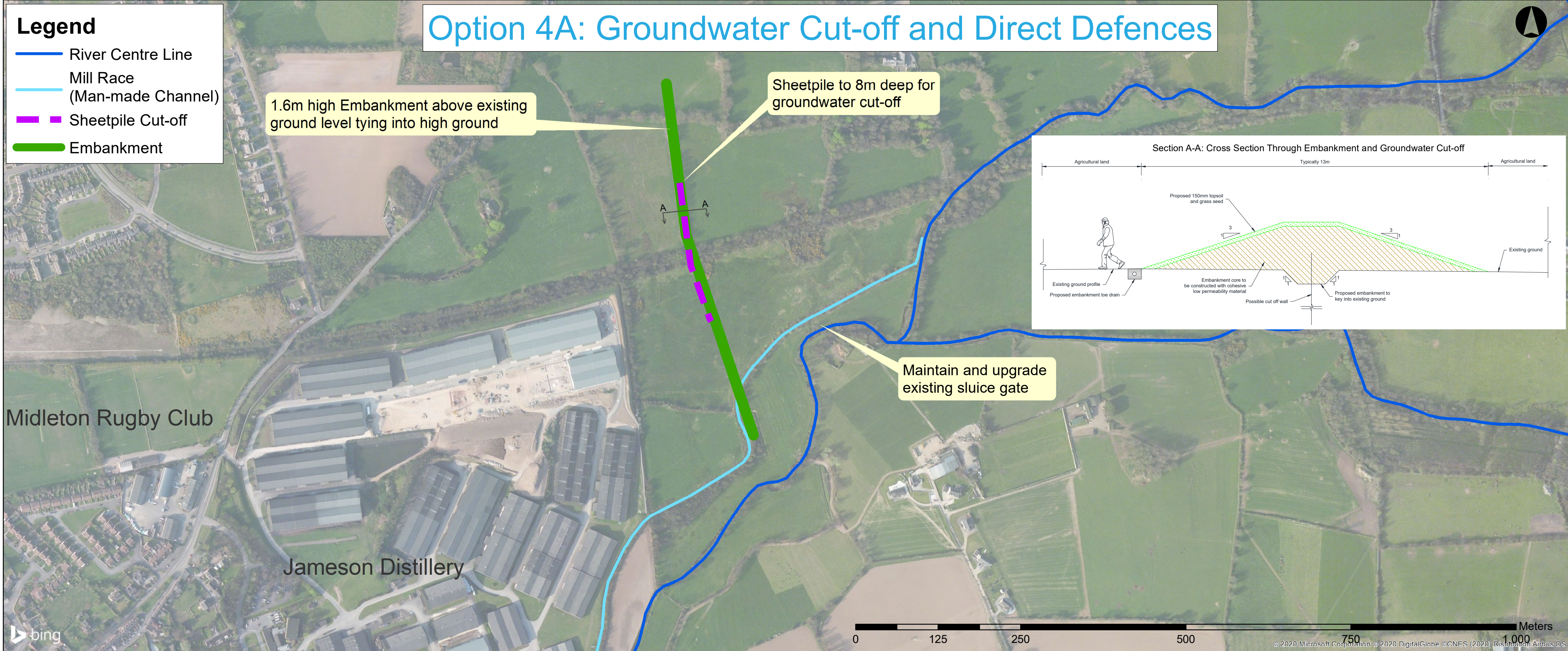
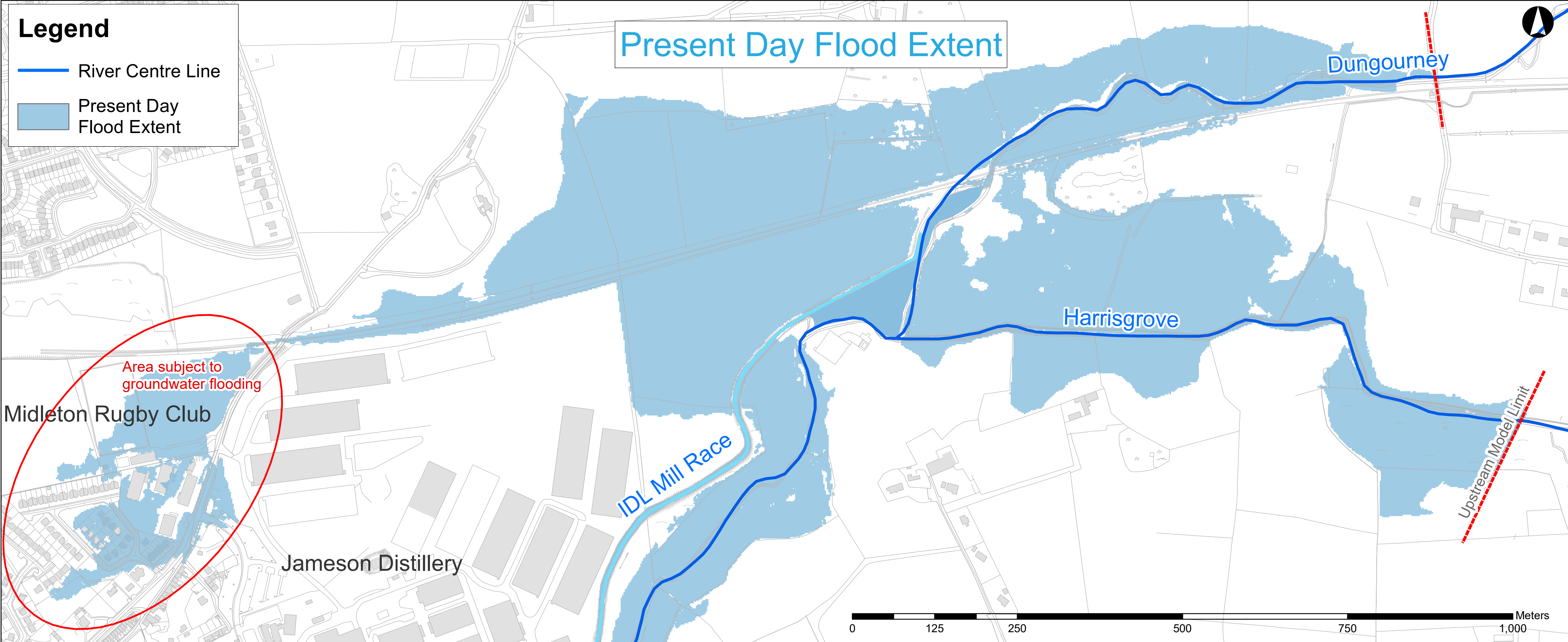


Area 4: Lauriston Estate/ Rugby Club Options



Option 4A- Cut-offs and Overland Direct Defences	
Description	Constraints
<p>This option involves the construction of direct defences for fluvial flood and groundwater cut-offs.</p> <p>In this area, the main proposed works are as follows:</p> <ul style="list-style-type: none">Embankment east of IDL site (typ. 1.6m high)Sheetpile to 8m depth for groundwater cut-off <p>Estimated Project Cost for Area 4: €2-2.5 million</p>	<p>Biodiversity/Water Quality Construction works have the potential to result in:</p> <ul style="list-style-type: none">Tree Removal where bankside works proposedImpact on Bat and Bird Habitat where tree/scrub removal proposedImpact to groundwater regime within the gravel aquifer (however impact to limestone aquifer, and therefore impact to groundwater abstraction, is considered to be negligible) <p>Visual Potential for visual impacts/change in character of landscape due to location of Flood Defences across proposed Greenway.</p> <p>Archaeological/Architectural Heritage Burnt mound (CO076-134) and fulacht fia (CO076-026) lie c. 100m and 80m respectively outside the proposed embankment. These sites will not be impacted by development works but similar subsurface sites may exist in this low lying area.</p> <p>Access/Amenity Potential impact to amenity value of the proposed Greenway (former Midleton to Youghal trainline).</p>

Option 4B- Pumping and Overland Direct Defences	
Description	Constraints
<p>This option involves the construction of direct defences and pumping station.</p> <p>In this area, the main proposed works are as follows:</p> <ul style="list-style-type: none">Embankment east of railway line bridge (typ. 1.6m high)Pumping station <p>Estimated Project Cost for Area 4: €0.5-1 million</p>	<p>Biodiversity/Water Quality Construction works have the potential to result in:</p> <ul style="list-style-type: none">Tree Removal where bankside works proposedImpact on Bat and Bird Habitat where tree/scrub removal proposed <p>Visual Potential for visual impacts/change in character of landscape due to location of Flood Defences across proposed Greenway.</p> <p>Archaeological/Architectural Heritage Proposed works will not impact on any known/recorded archaeological or architectural sites in this area</p> <p>Access/Amenity Potential impact to amenity value of the proposed Greenway (former Midleton to Youghal trainline).</p>