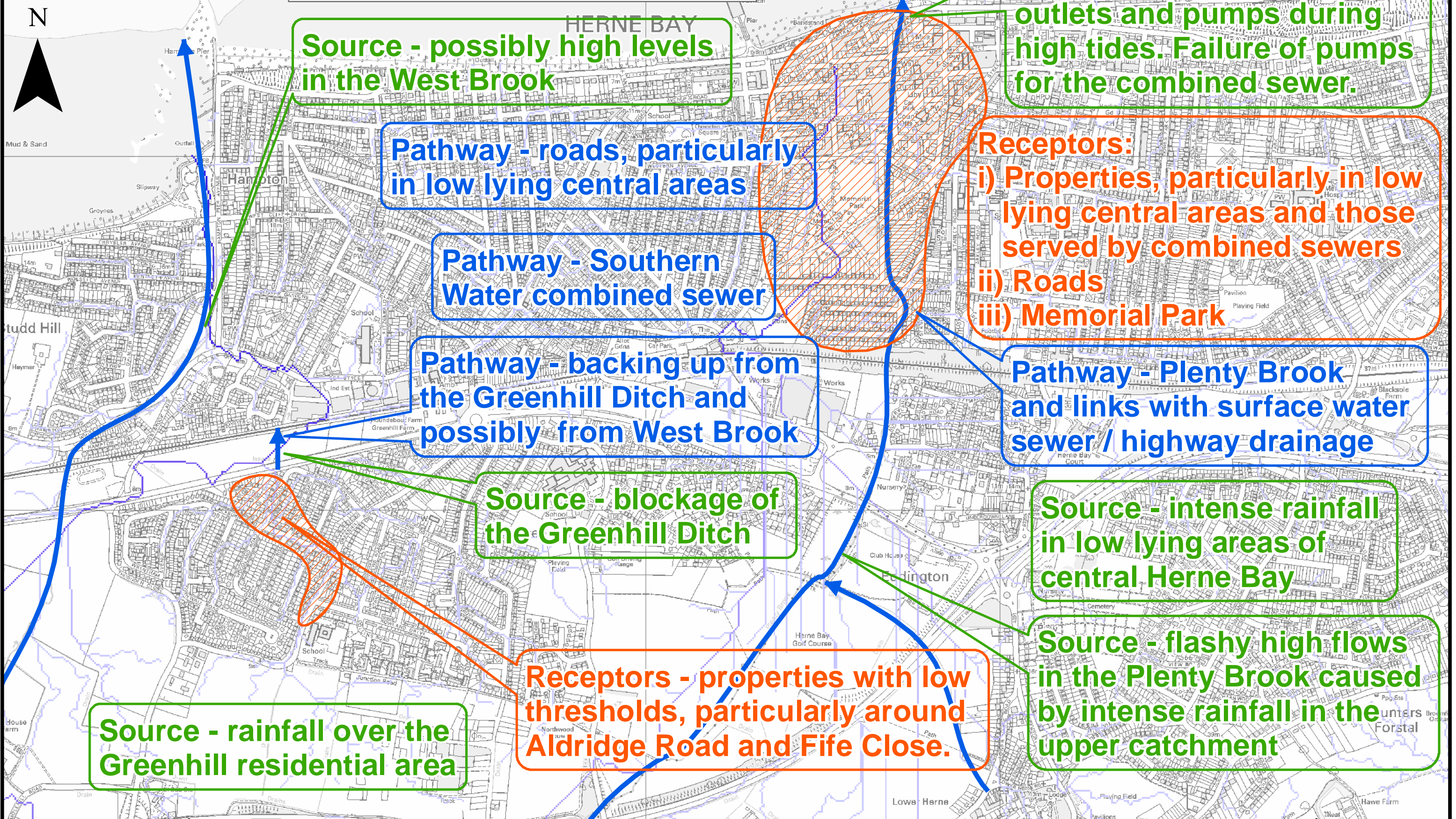


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Note that flow pathways and receptor areas are approximate and are shown only for illustration



Source - possibly high levels in the West Brook

Source - capacity of tidal outlets and pumps during high tides. Failure of pumps for the combined sewer.

Pathway - roads, particularly in low lying central areas

Receptors:
 i) Properties, particularly in low lying central areas and those served by combined sewers
 ii) Roads
 iii) Memorial Park

Pathway - Southern Water combined sewer

Pathway - backing up from the Greenhill Ditch and possibly from West Brook

Pathway - Plenty Brook and links with surface water sewer / highway drainage

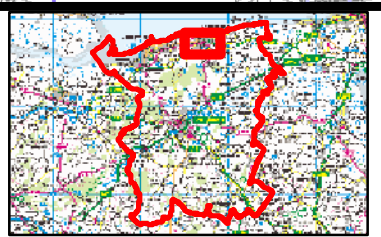
Source - blockage of the Greenhill Ditch

Source - intense rainfall in low lying areas of central Herne Bay

Source - rainfall over the Greenhill residential area

Receptors - properties with low thresholds, particularly around Aldridge Road and Fife Close.

Source - flashy high flows in the Plenty Brook caused by intense rainfall in the upper catchment



Legend

- Major Pathways
- Natural Drainage Routes
- Large catchment area
- Small catchment area
- Receptors

Drawing Title: Source - Pathway - Receptor Model

Drawing Number: Appendix B - Greenhill and Herne Bay

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