NOTES:

1. Embankment breach inundation areas are shown with light grey shading on this map and derived using a two-dimensional computational hydraulic modeling approach.

2. The merged inundation area represents the combined extent of flooding resulting from hypothetical breach at each of the four embankment locations (i.e. northern, southern, eastern and western). It is emphasised that breach of all four embankments could not occur simultaneously.

3. Base map is the Land Information New Zealand (LINZ) Topo50 topographic map series licensed by LINZ for re-use under the Creative Commons Attribution 4.0 International license.

4. The production of this inundation map does not in any way reflect on the integrity of the embankments forming the Wrights Road Storage Ponds.

Northern Embankment Breach Location

Western Embankment Breach Location

Eastern Embankment Breach Location

Southern Embankment Breach Location

POND 1

POND 2

Legend

- Wrights Road Storage Ponds
- Merged inundation area

0 1 2 3 4 5 km

BHSL
Burnt Hill Storage Limited

DAMWATCH
ENGINEERING BEYOND THE SURFACE

Title

BURNT HILL STORAGE LIMITED
WRIGHTS ROAD STORAGE PONDS

EMBANKMENT BREACH
MERGED INUNDATION AREA

Damwatch Project Number	Map Reference	Revision
E2114	E2114\BHSL\MER-EXT\01	1

Date	Drawn	Checked	Approved	Scale	
OCT 2026	JS	BV	DCE	1:80,000 @ A3	DAMWATCH ENGINEERING LTD