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 - Velocity > 2 m/s.  
 Further to these criteria, "puddles" of less than 100 m<sup>2</sup> were removed from the extent.

**Figure E.1.10.3**  
**Peak flood level**  
**1 in 5000 AEP event**  
**West of North**  
**Richmond**

**Legend**

- Study area
- 1 m contour

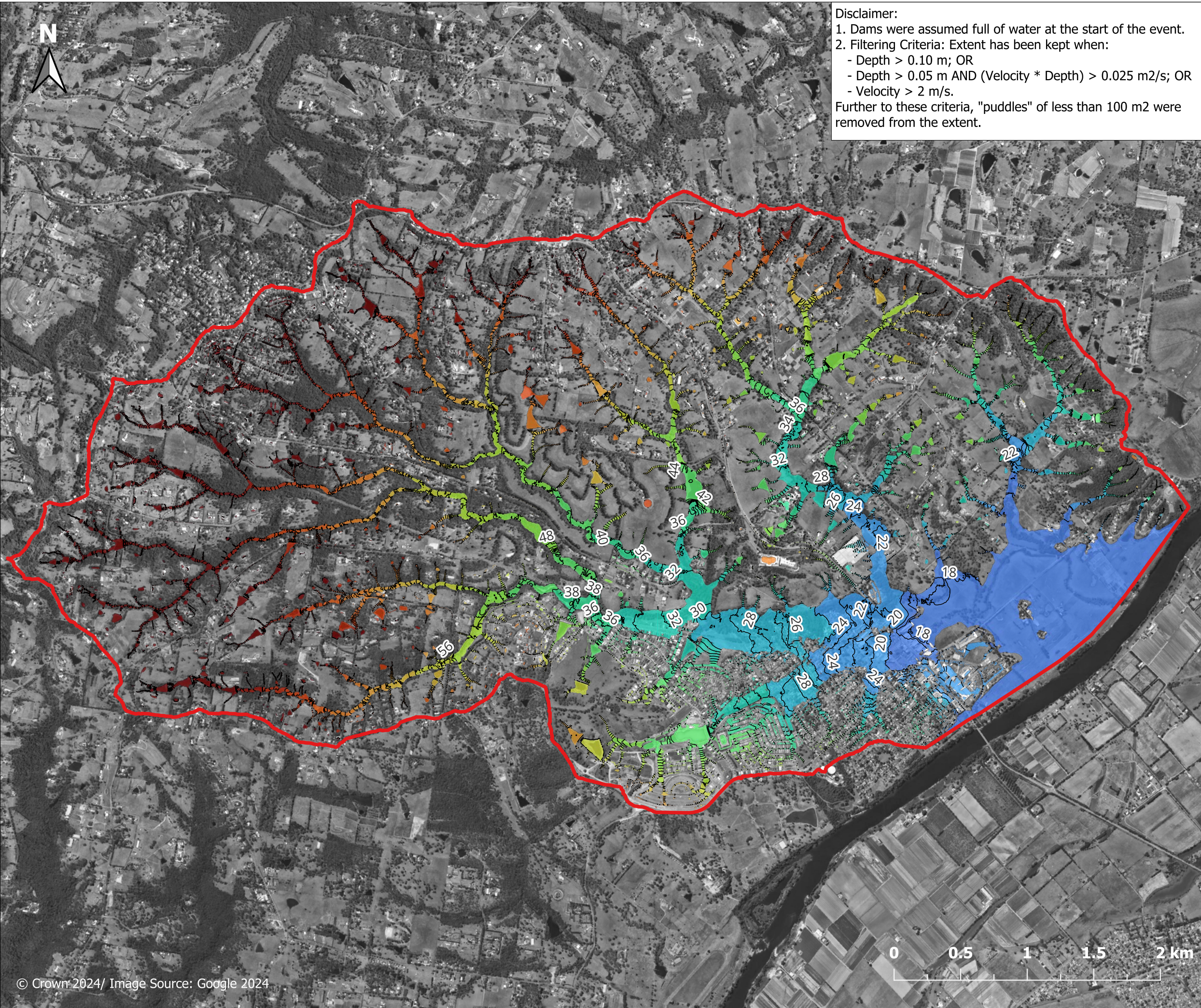
**Peak water level (m AHD)**

<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #4b4b4b; margin-right: 5px;"></span> &lt;= 5</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #333333; margin-right: 5px;"></span> 5 - 10</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #222222; margin-right: 5px;"></span> 10 - 15</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #111111; margin-right: 5px;"></span> 15 - 20</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; margin-right: 5px;"></span> 20 - 25</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; margin-right: 5px;"></span> 25 - 30</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; margin-right: 5px;"></span> 30 - 35</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; margin-right: 5px;"></span> 35 - 40</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; margin-right: 5px;"></span> 40 - 45</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; margin-right: 5px;"></span> 45 - 50</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 50 - 55</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #7fffd4; margin-right: 5px;"></span> 55 - 60</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #66cdaa; margin-right: 5px;"></span> 60 - 65</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #5bc0de; margin-right: 5px;"></span> 65 - 70</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #4dc0f5; margin-right: 5px;"></span> 70 - 75</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #3498db; margin-right: 5px;"></span> 75 - 80</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #2980b9; margin-right: 5px;"></span> 80 - 85</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #1abc9c; margin-right: 5px;"></span> 85 - 90</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #00b050; margin-right: 5px;"></span> 90 - 95</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #008000; margin-right: 5px;"></span> &gt; 95</li> </ul>
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**Report MHL3008**  
**Redbank Creek Flood**  
**Study**





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**Figure E.1.11.1**  
**Peak flood level**  
**PMF event**  
**North Richmond**  
**Overview**

**Legend**

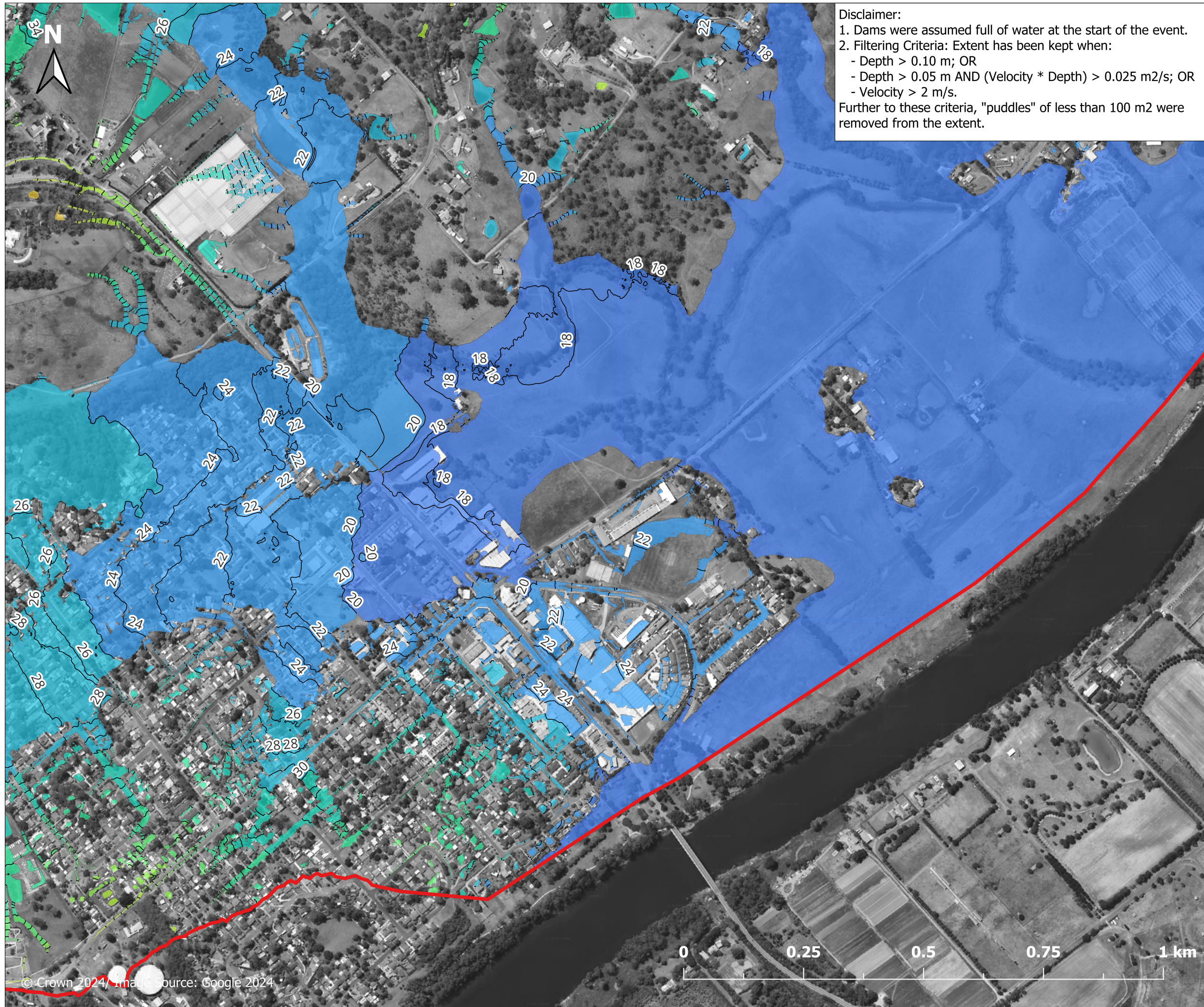
- Study area
- 1 m contour

**Peak water level (m AHD)**

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**Redbank Creek Flood**  
**Study**





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**Figure E.1.11.2**  
**Peak flood level**  
**PMF event**  
**East of North**  
**Richmond**

**Legend**

- Study area
- 1 m contour

**Peak water level (m AHD)**

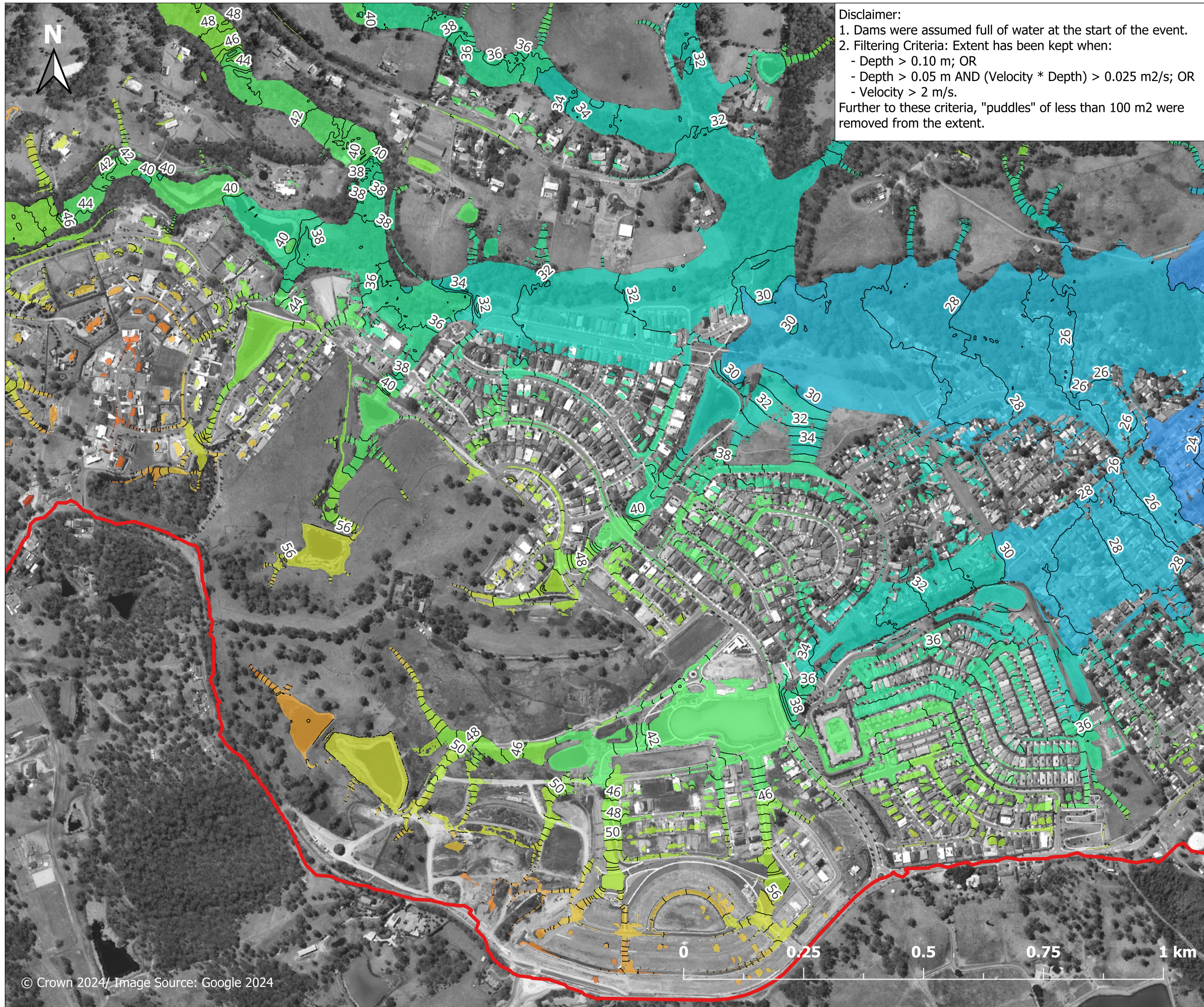
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #4b0082; margin-right: 5px;"></span> &lt;= 5</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #6a329f; margin-right: 5px;"></span> 5 - 10</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #8a64b5; margin-right: 5px;"></span> 10 - 15</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #a996c3; margin-right: 5px;"></span> 15 - 20</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #c8c0e1; margin-right: 5px;"></span> 20 - 25</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #e7e6f0; margin-right: 5px;"></span> 25 - 30</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f0f0f0; margin-right: 5px;"></span> 30 - 35</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f0f0f0; margin-right: 5px;"></span> 35 - 40</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f0f0f0; margin-right: 5px;"></span> 40 - 45</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f0f0f0; margin-right: 5px;"></span> 45 - 50</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 50 - 55</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 55 - 60</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 60 - 65</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 65 - 70</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 70 - 75</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 75 - 80</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 80 - 85</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 85 - 90</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> 90 - 95</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90ee90; margin-right: 5px;"></span> &gt; 95</li> </ul>
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**Report MHL3008**  
**Redbank Creek Flood**  
**Study**



© Crown 2024. Image source: Google 2024



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**Figure E.1.11.3**  
**Peak flood level**  
**PMF event**  
**West of North**  
**Richmond**

**Legend**

Study area  
 1 m contour

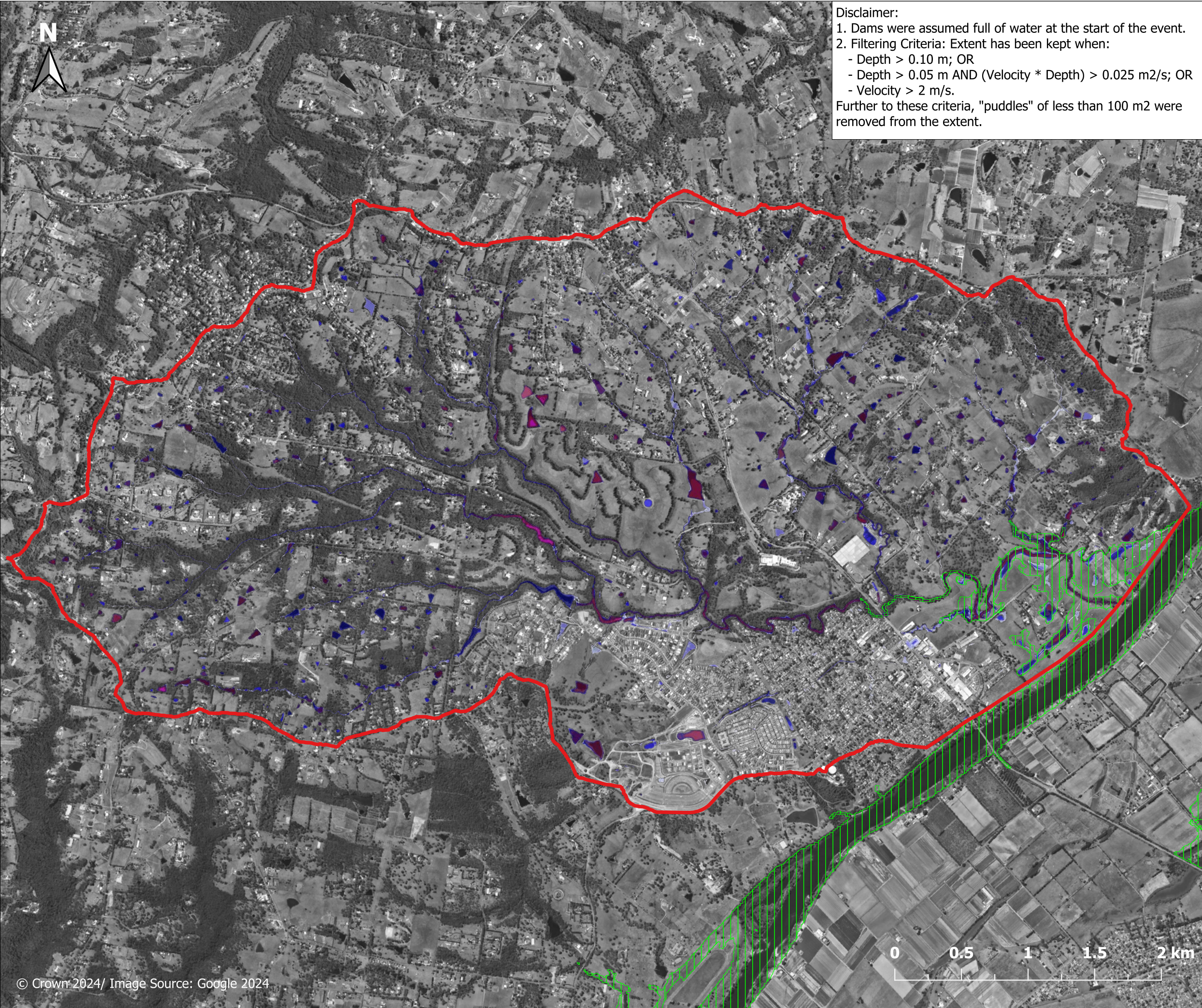
**Peak water level (m AHD)**

	<= 5		50 - 55
	5 - 10		55 - 60
	10 - 15		60 - 65
	15 - 20		65 - 70
	20 - 25		70 - 75
	25 - 30		75 - 80
	30 - 35		80 - 85
	35 - 40		85 - 90
	40 - 45		90 - 95
	45 - 50		> 95



**Report MHL3008**  
**Redbank Creek Flood**  
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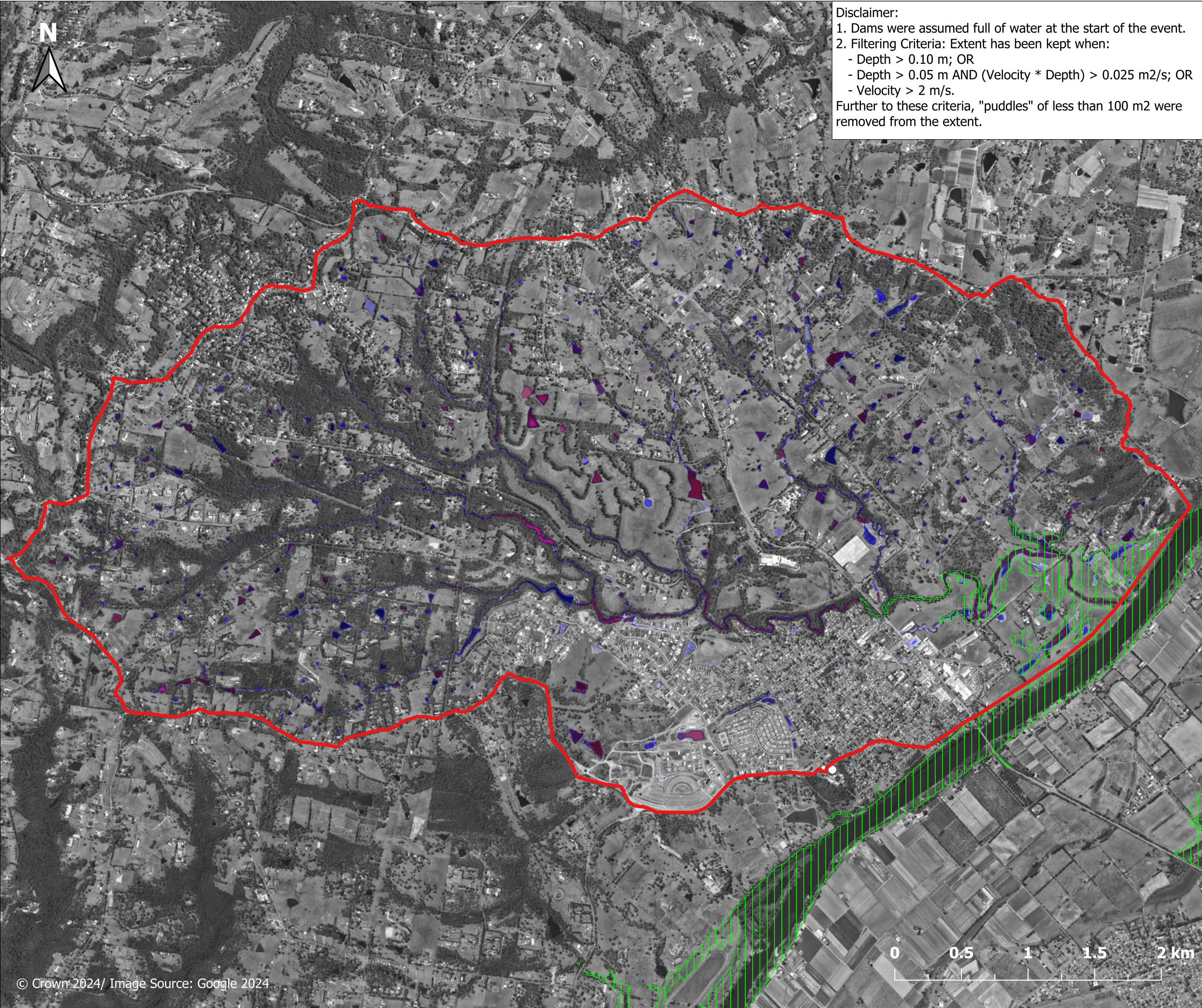
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**Figure E.2.1.1**  
**Peak flood depth**  
**20% AEP event**  
**North Richmond**  
**Overview**

- Legend**
- Study area
  - Riverine extent (HNRFS, 2024)
- Depth (m)**
- <= 0.05
  - 0.05-0.15
  - 0.15-0.30
  - 0.30-0.50
  - 0.50-1.00
  - 1.00-1.50
  - 1.50-2.00
  - 2.00-3.00
  - 3.00-5.00
  - >5.00

**Report MHL3008**  
**Redbank Creek Flood Study**





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**Figure E.2.1.1**

**Peak flood depth  
20% AEP event  
North Richmond  
Overview**

**Legend**

- Study area
- Riverine extent (HNRFS, 2024)

**Depth (m)**

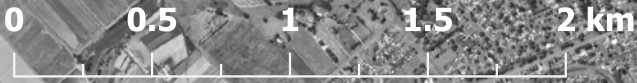
- <= 0.05
- 0.05-0.15
- 0.15-0.30
- 0.30-0.50
- 0.50-1.00
- 1.00-1.50
- 1.50-2.00
- 2.00-3.00
- 3.00-5.00
- >5.00

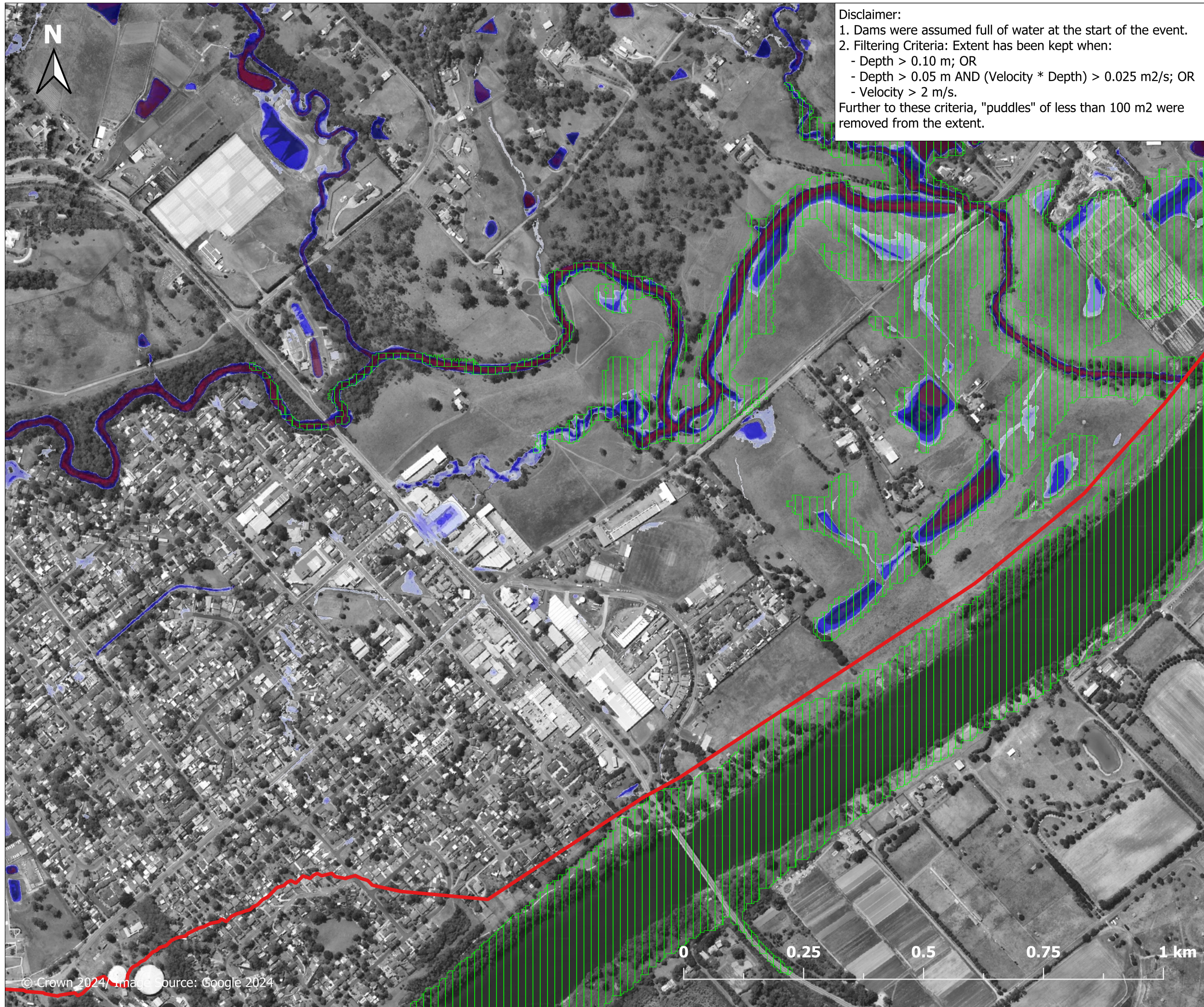
**Report MHL3008**

**Redbank Creek Flood Study**



**Manly  
Hydraulics  
Laboratory**





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**Figure E.2.1.2**  
**Peak flood depth**  
**20% AEP event**  
**East of North**  
**Richmond**

- Legend**
- Study area
  - Riverine extent (HNRFS, 2024)
- Depth (m)**
- <= 0.05
  - 0.05-0.15
  - 0.15-0.30
  - 0.30-0.50
  - 0.50-1.00
  - 1.00-1.50
  - 1.50-2.00
  - 2.00-3.00
  - 3.00-5.00
  - >5.00



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