

Figure E.2.6.1

**Peak flood depth
1 in 200 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

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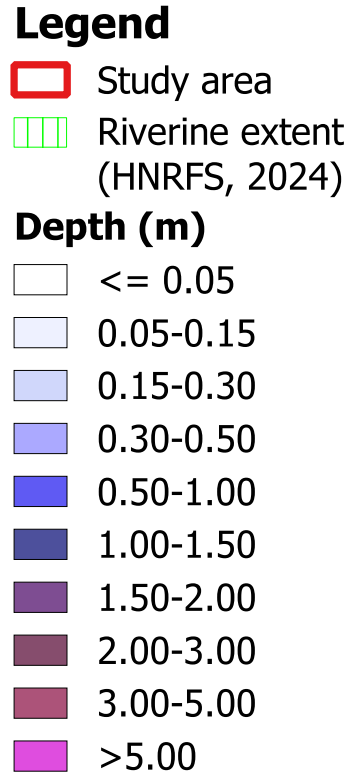


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Figure E.2.6.2

**Peak flood depth
1 in 200 AEP event
East of North
Richmond**



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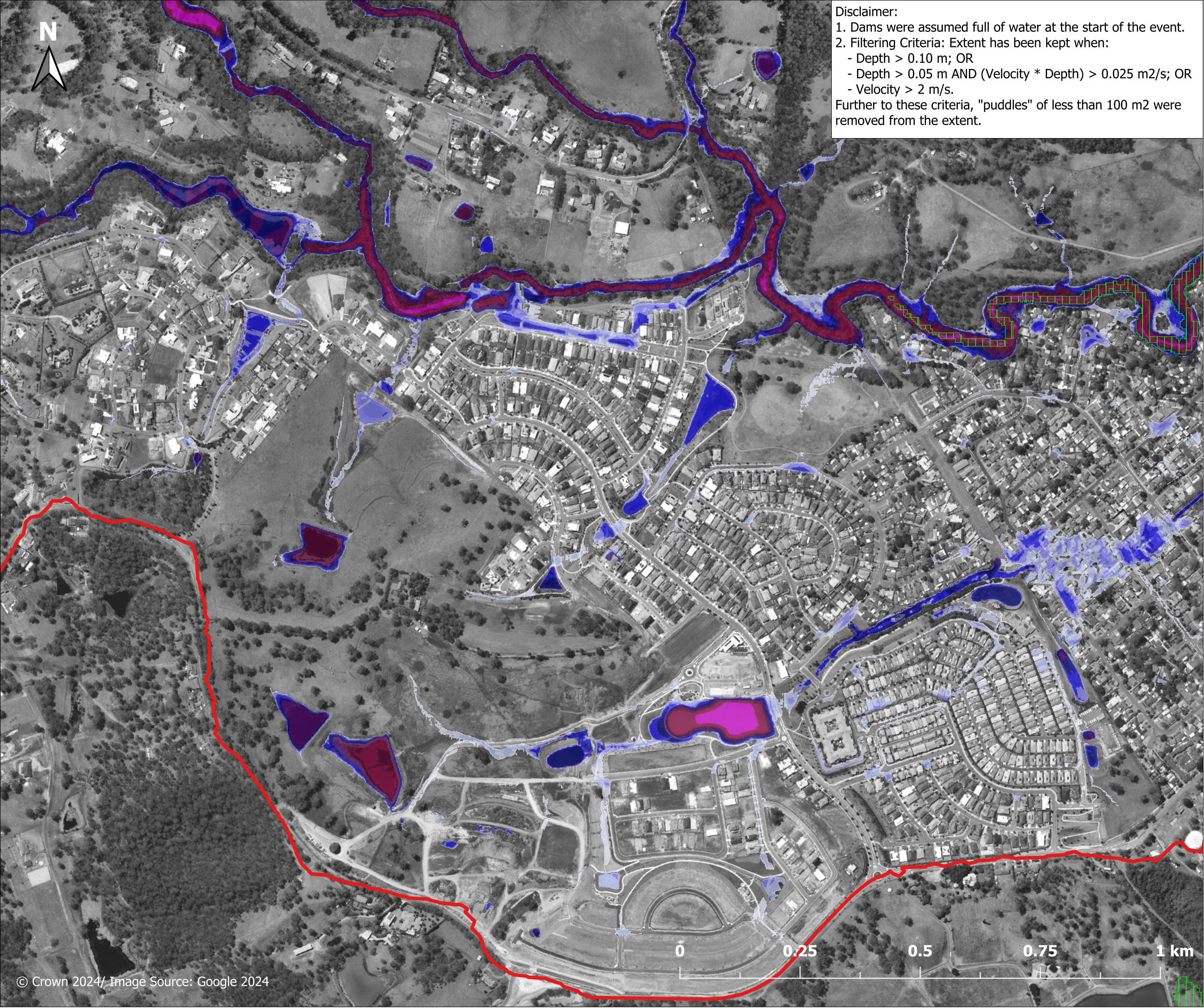


Figure E.2.6.3

**Peak flood depth
1 in 200 AEP event
West 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

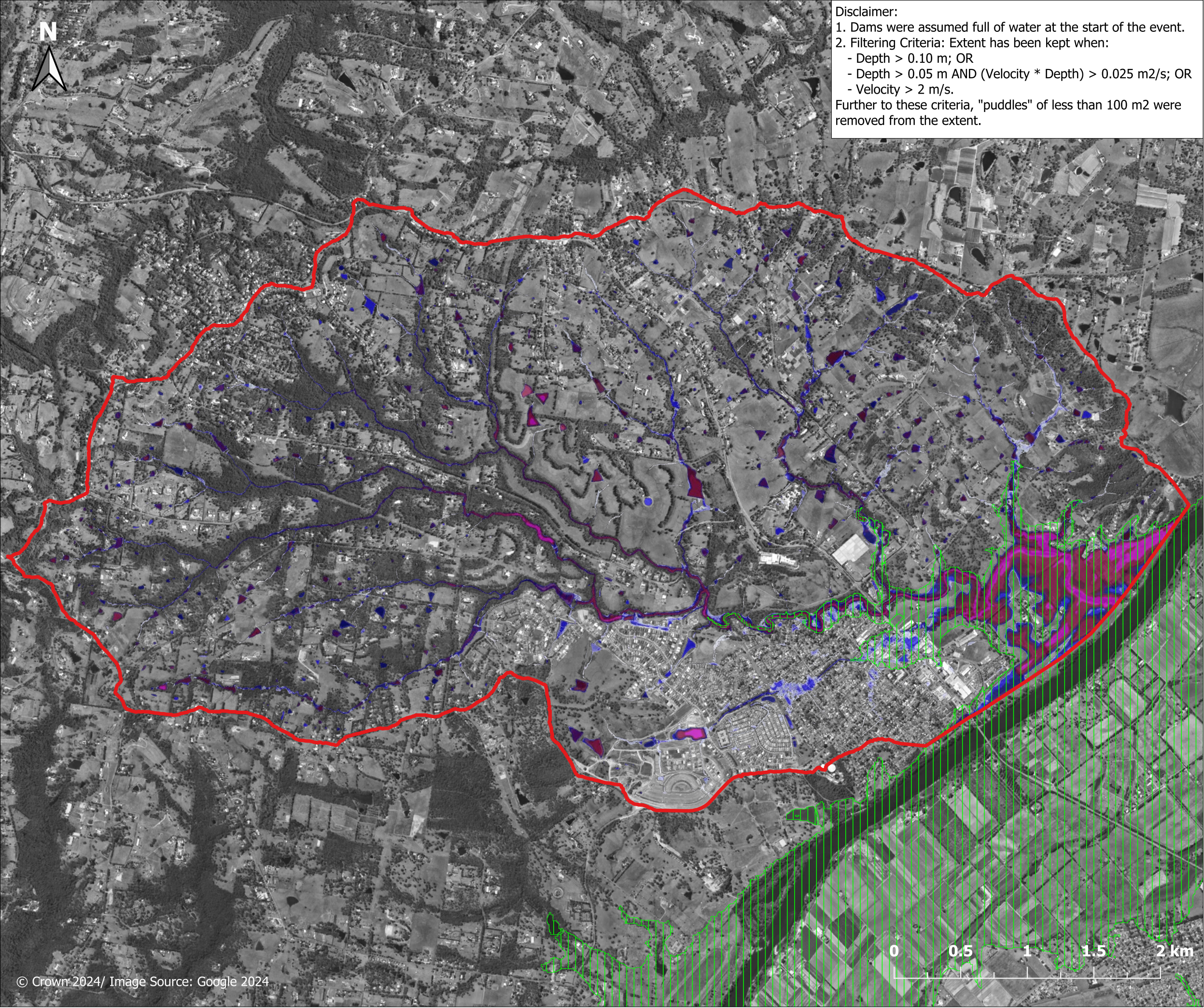


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Disclaimer:
1. Dams were assumed full of water at the start of the event.
2. Filtering Criteria: Extent has been kept when:
- Depth > 0.10 m; OR
- Depth > 0.05 m AND (Velocity * Depth) > 0.025 m²/s; OR
- Velocity > 2 m/s.
Further to these criteria, "puddles" of less than 100 m² were removed from the extent.

Figure E.2.7.1
Peak flood depth
1 in 500 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 |

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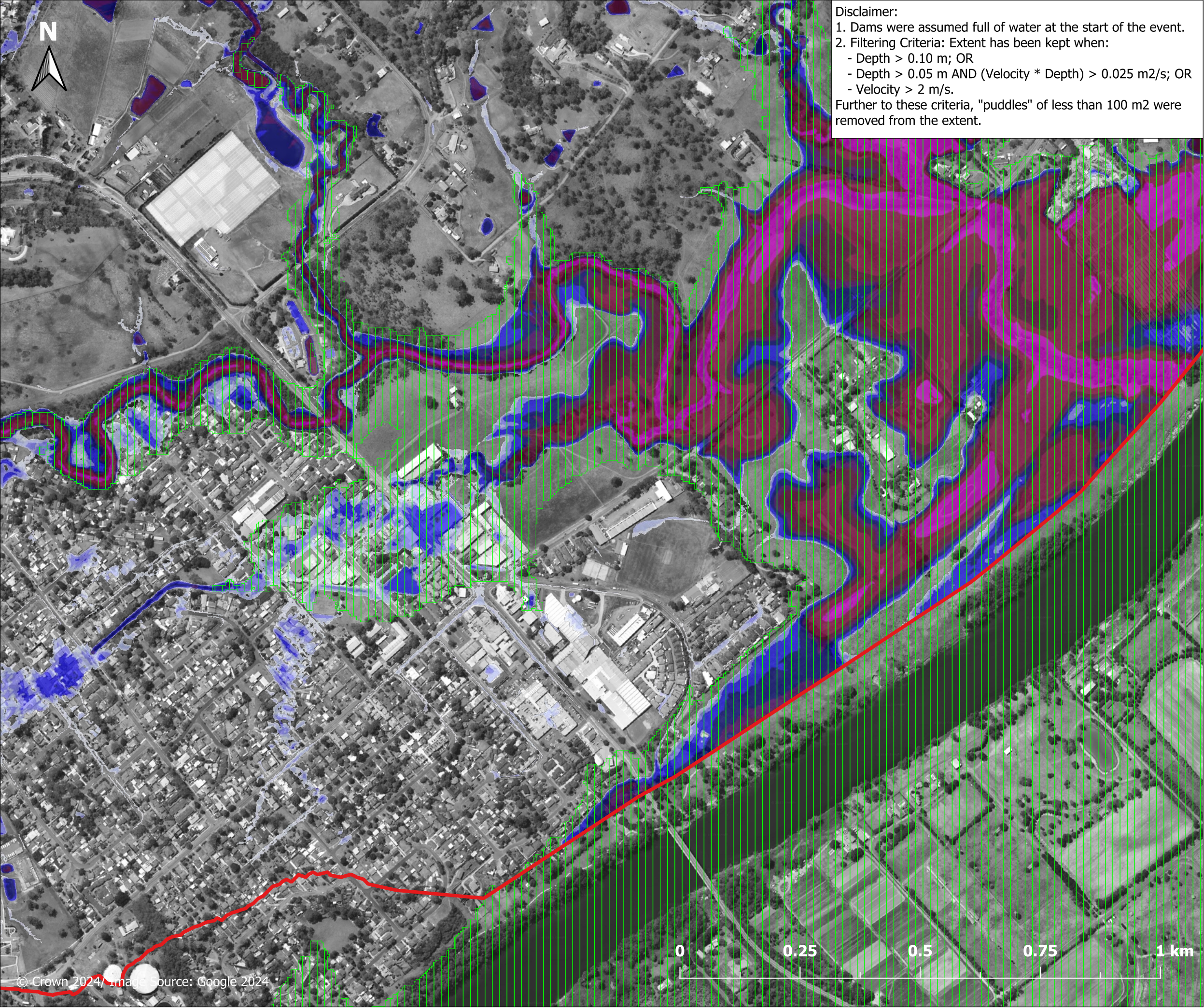


Figure E.2.7.2

**Peak flood depth
1 in 500 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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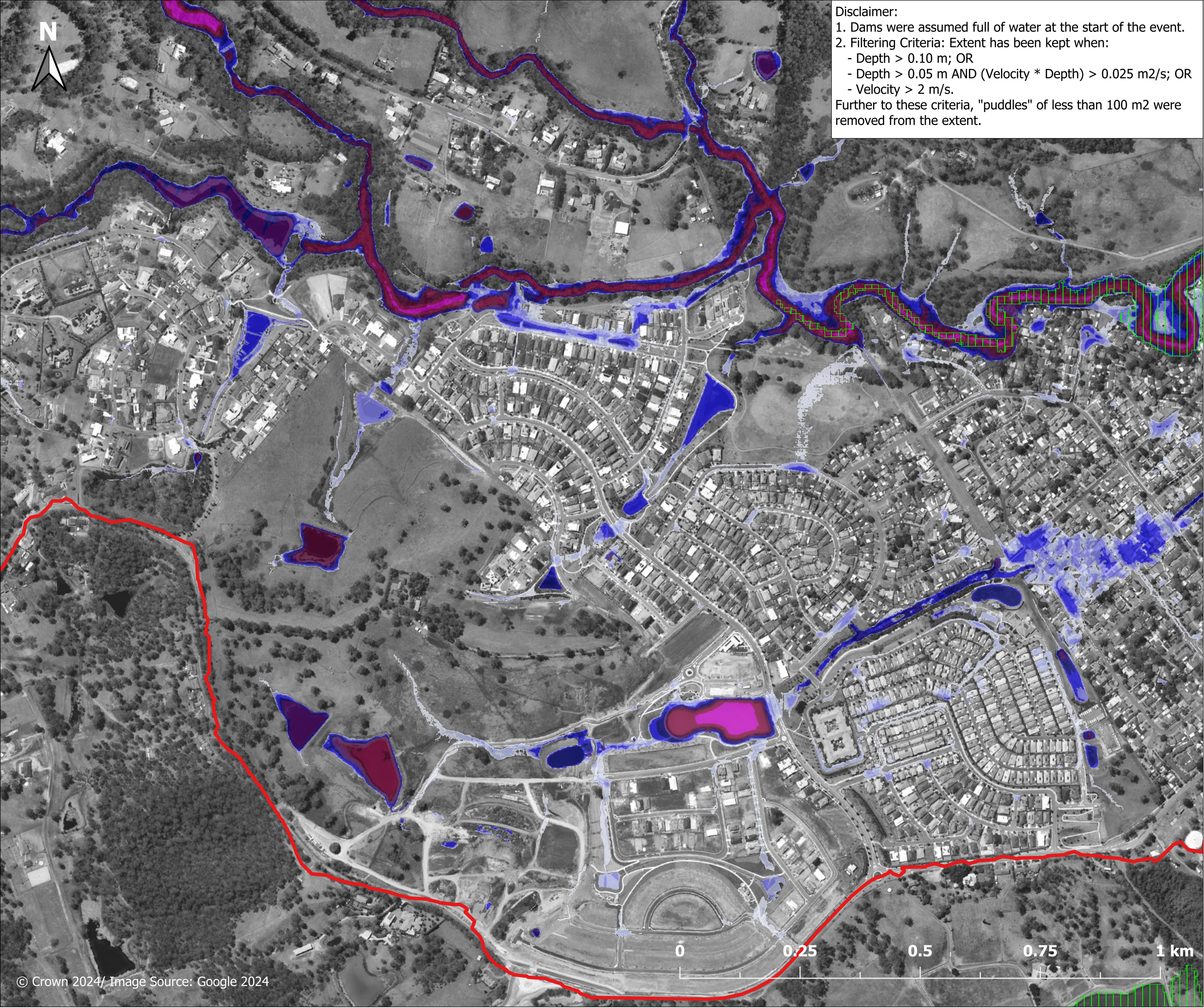


Figure E.2.7.3

**Peak flood depth
1 in 500 AEP event
West 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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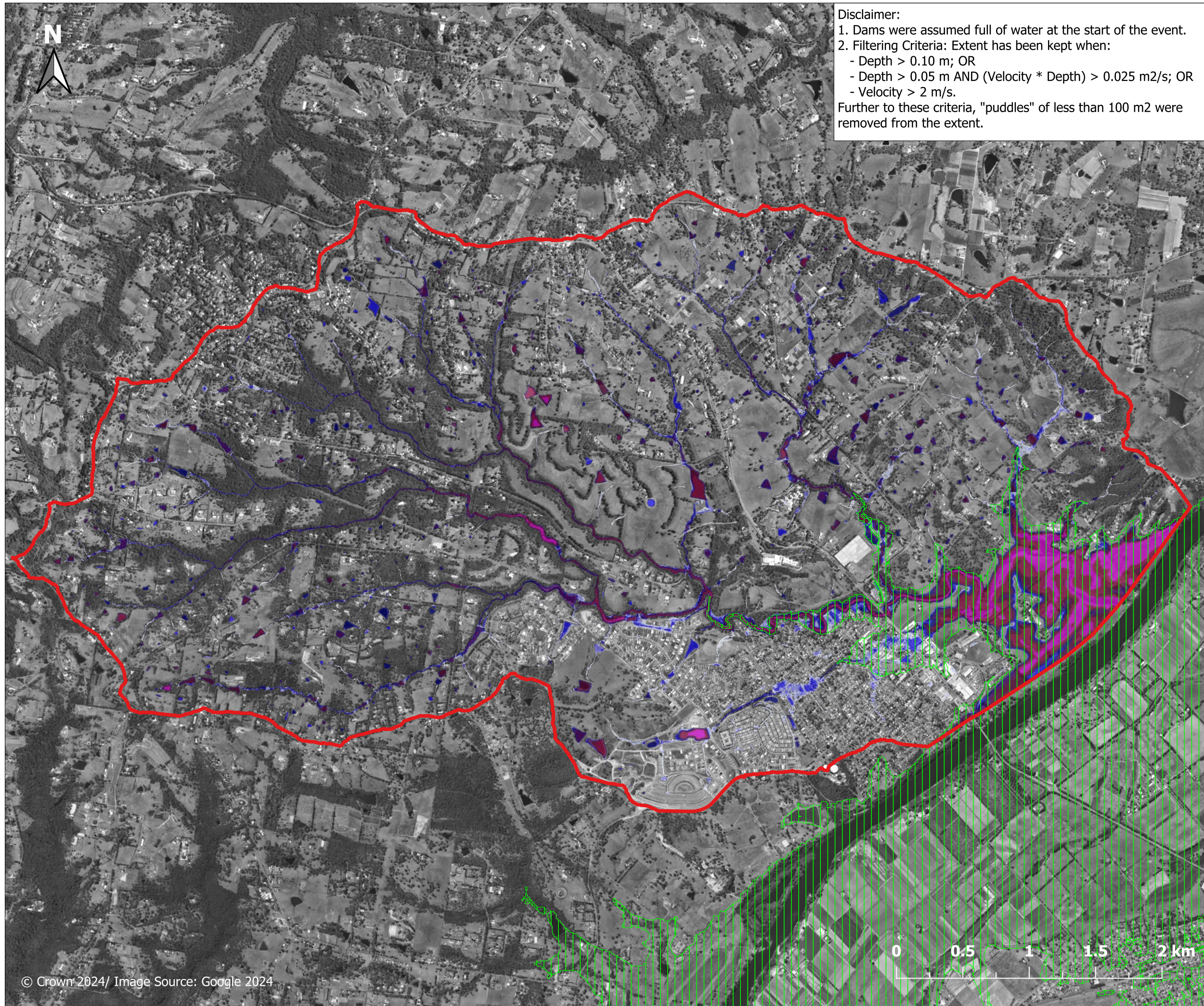


Figure E.2.8.1

Peak flood depth 1 in 1000 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

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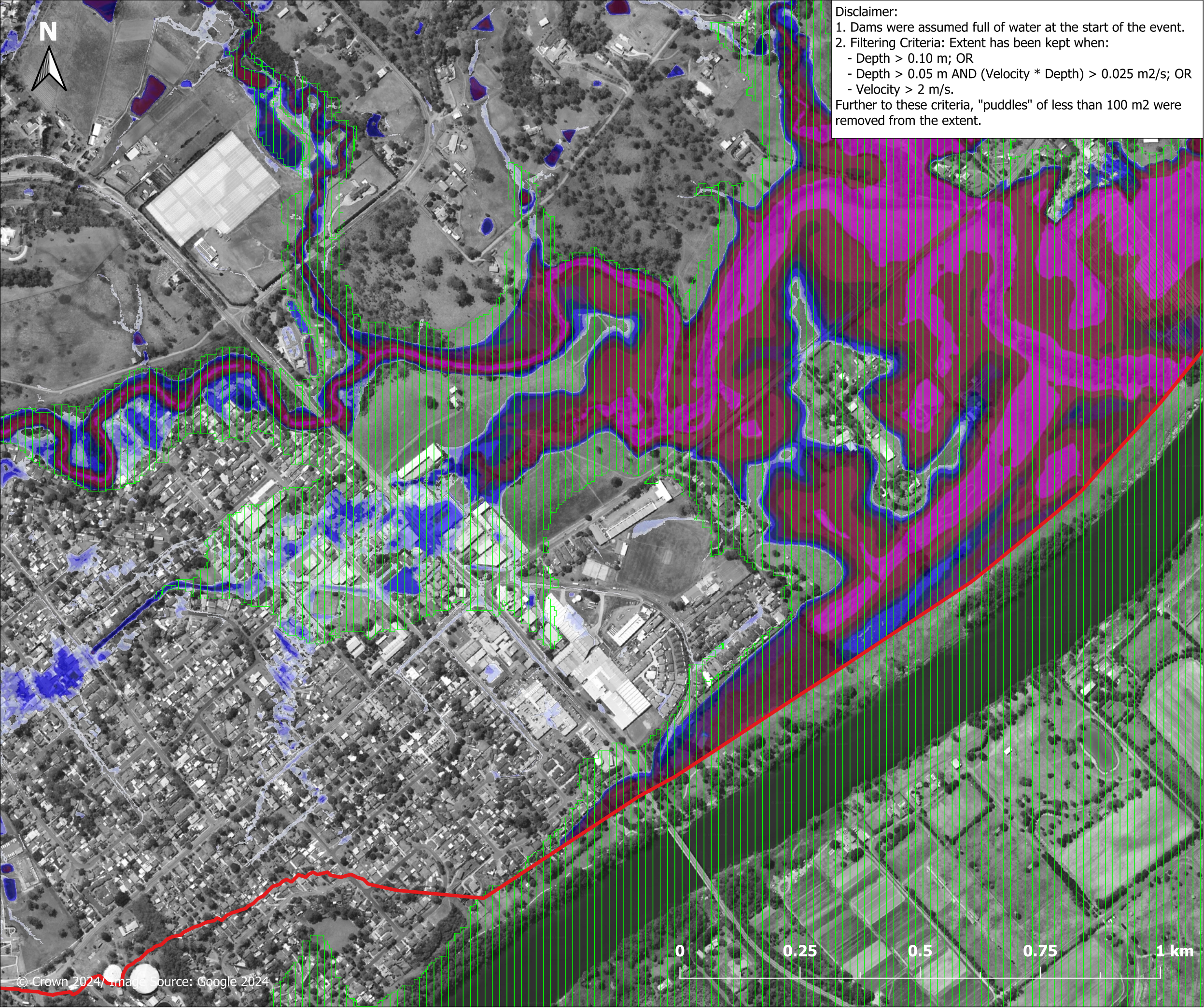


Figure E.2.8.2

**Peak flood depth
1 in 1000 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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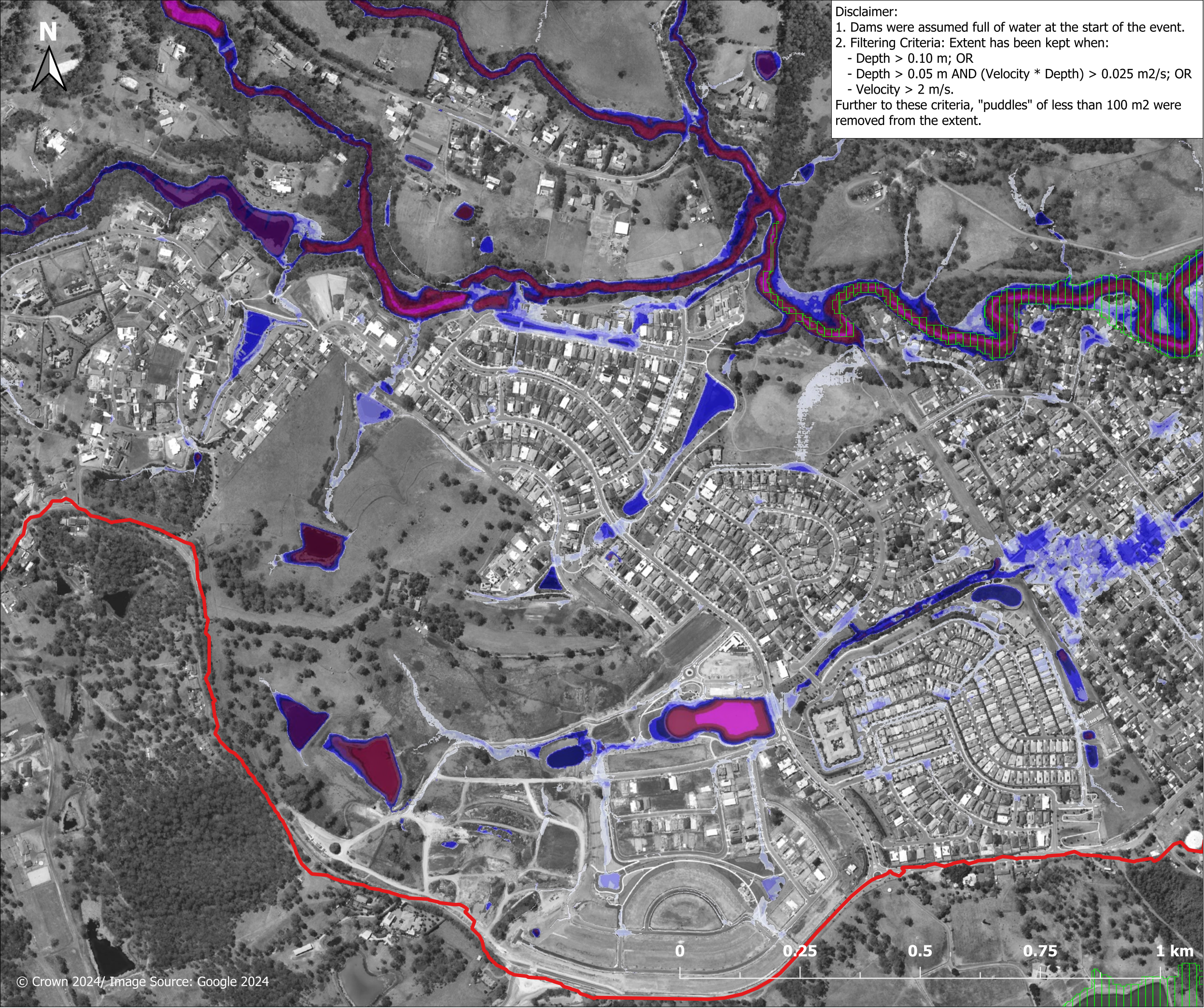
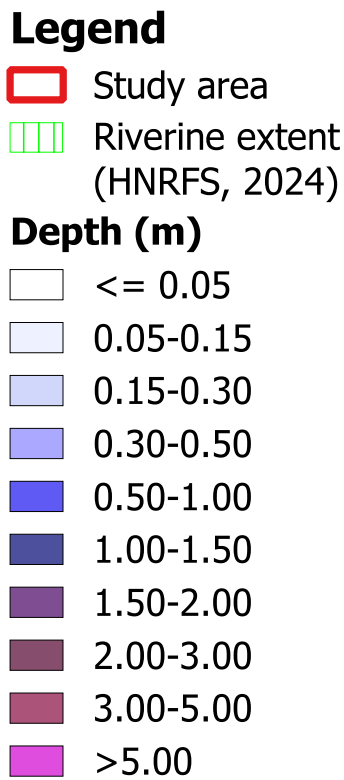


Figure E.2.8.3

**Peak flood depth
1 in 1000 AEP event
West of North
Richmond**



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**Redbank Creek Flood
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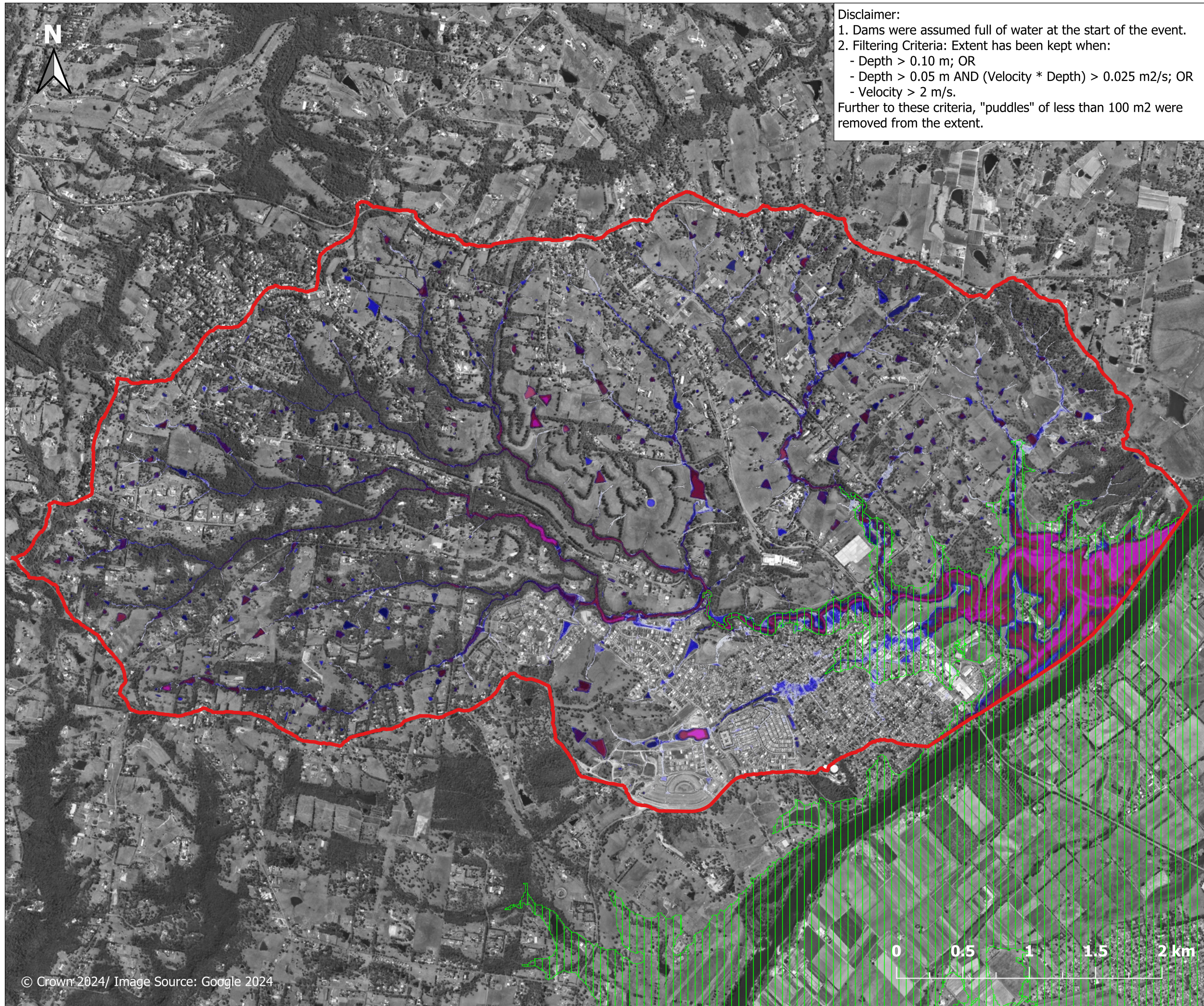


Figure E.2.9.1

**Peak flood depth
1 in 2000 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

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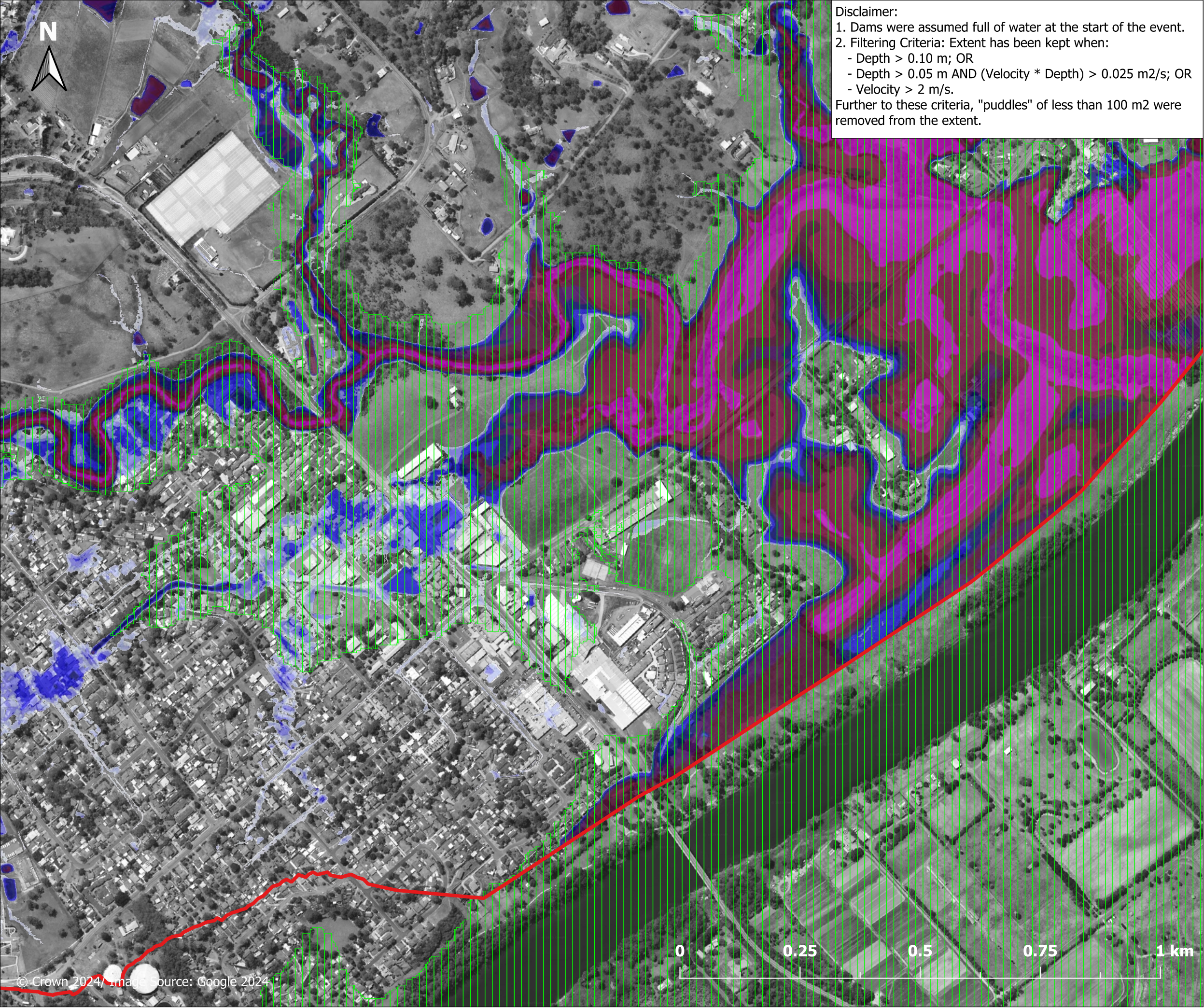


Figure E.2.9.2

**Peak flood depth
1 in 2000 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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**Redbank Creek Flood
Study**



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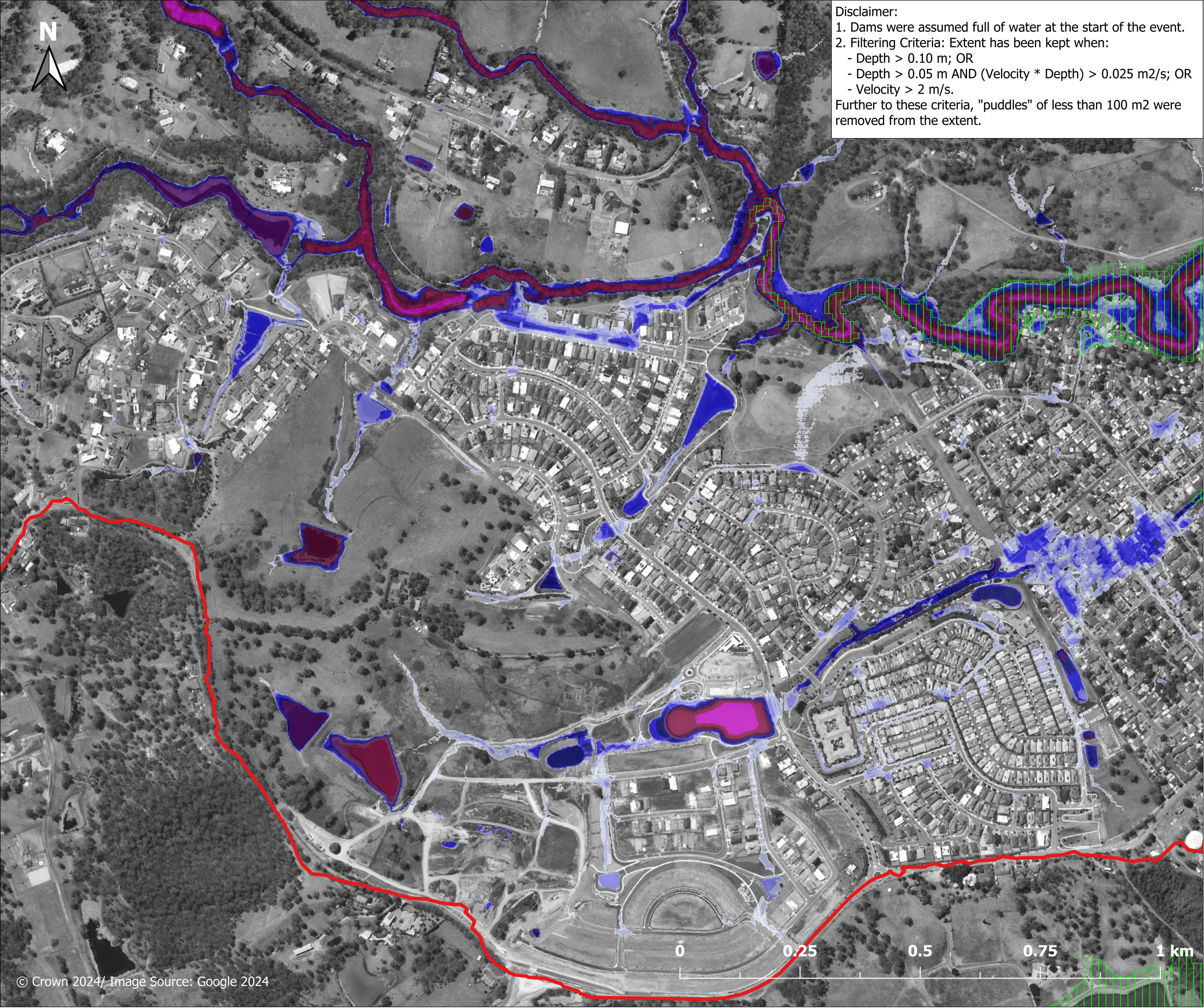


Figure E.2.9.3

**Peak flood depth
1 in 2000 AEP event
West 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

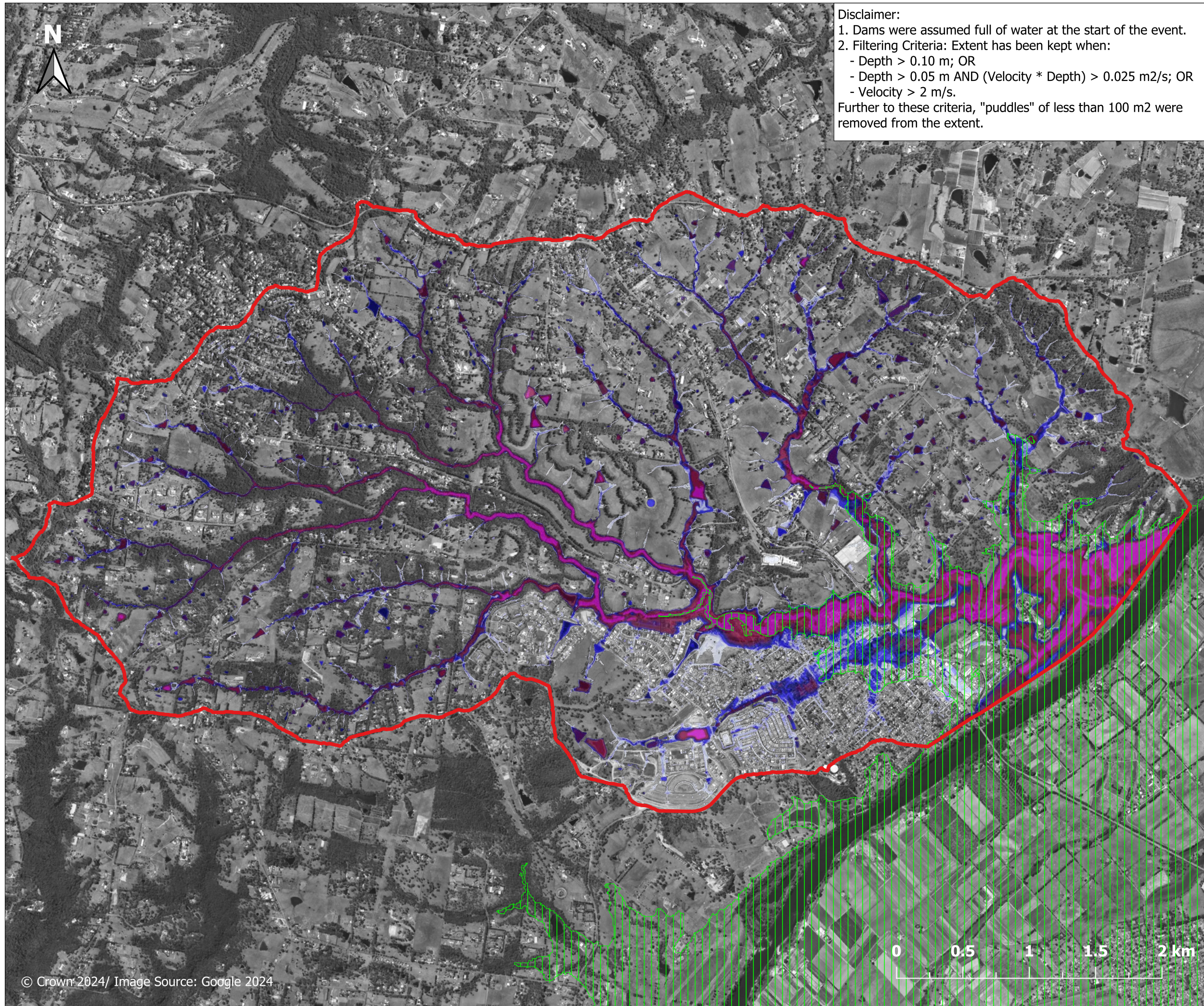


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Study**



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Disclaimer:
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2. Filtering Criteria: Extent has been kept when:
- Depth > 0.10 m; OR
- Depth > 0.05 m AND (Velocity * Depth) > 0.025 m²/s; OR
- Velocity > 2 m/s.
Further to these criteria, "puddles" of less than 100 m² were removed from the extent.

Figure E.2.10.1
Peak flood depth
1 in 5000 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

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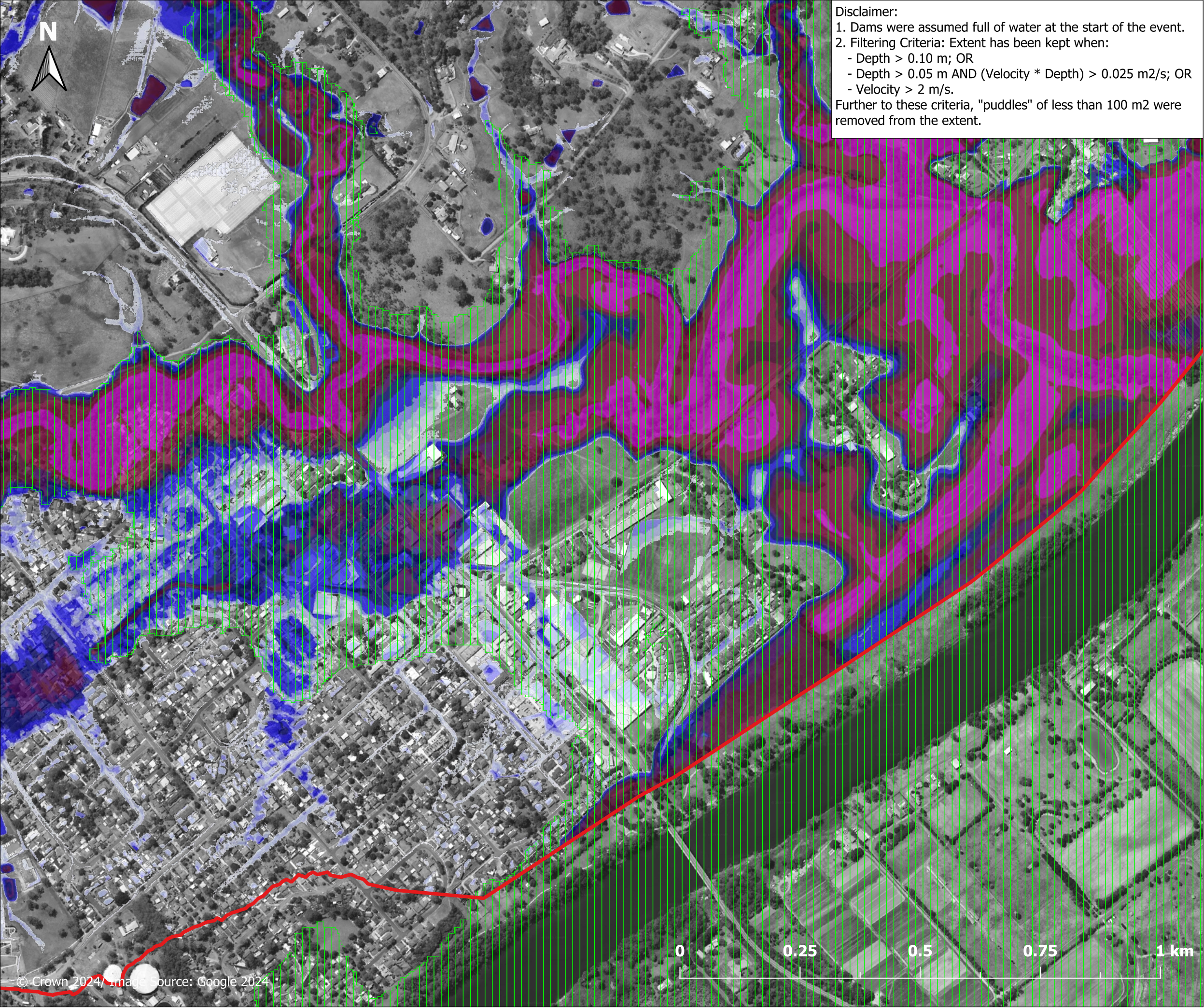


Figure E.2.10.2

**Peak flood depth
1 in 5000 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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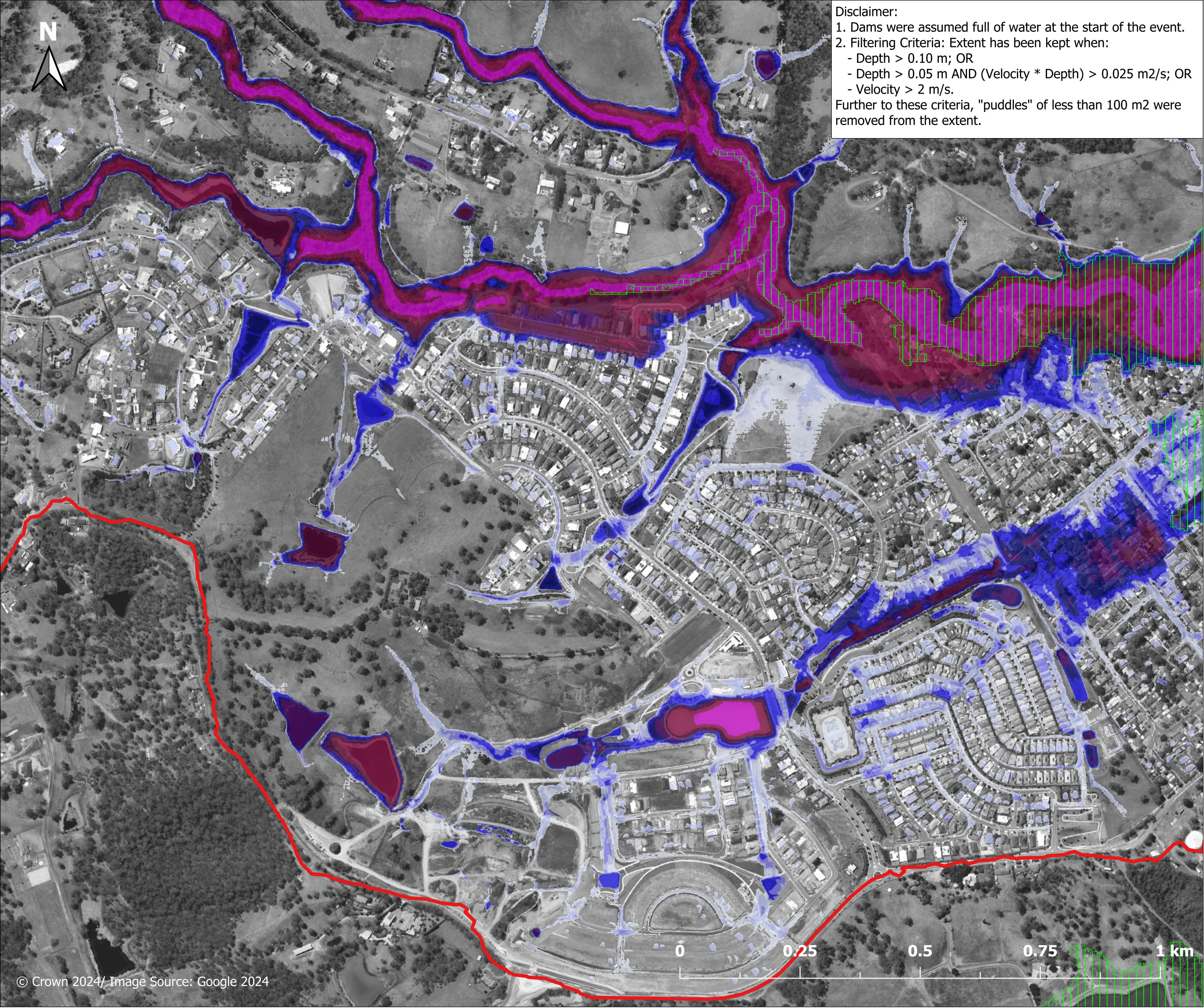
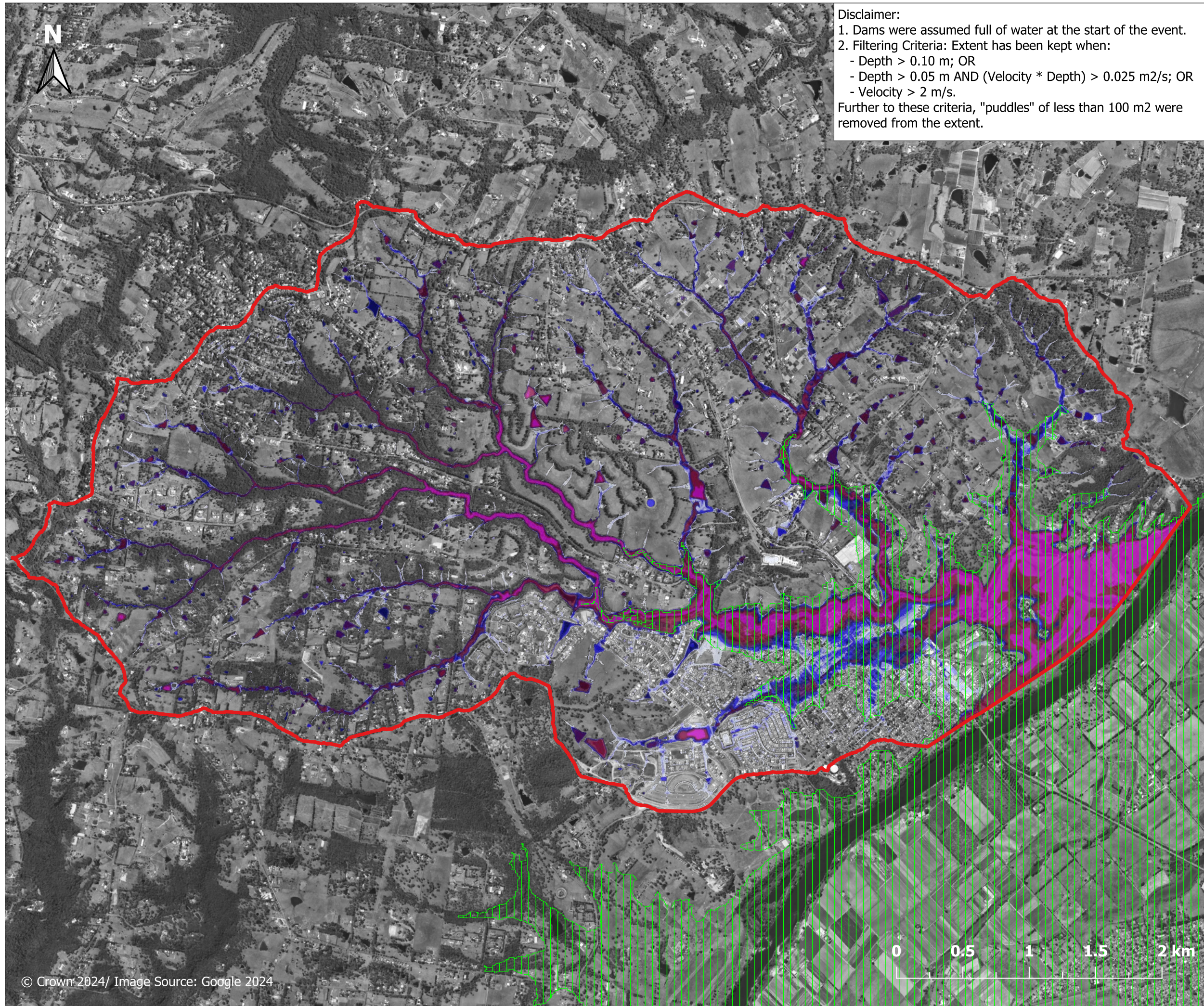


Figure E.2.10.3
Peak flood depth
1 in 5000 AEP event
West of North
Richmond



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Disclaimer:
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- Depth > 0.10 m; OR
- Depth > 0.05 m AND (Velocity * Depth) > 0.025 m²/s; OR
- Velocity > 2 m/s.
Further to these criteria, "puddles" of less than 100 m² were removed from the extent.

Figure E.2.11.1
Peak flood depth
PMF 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

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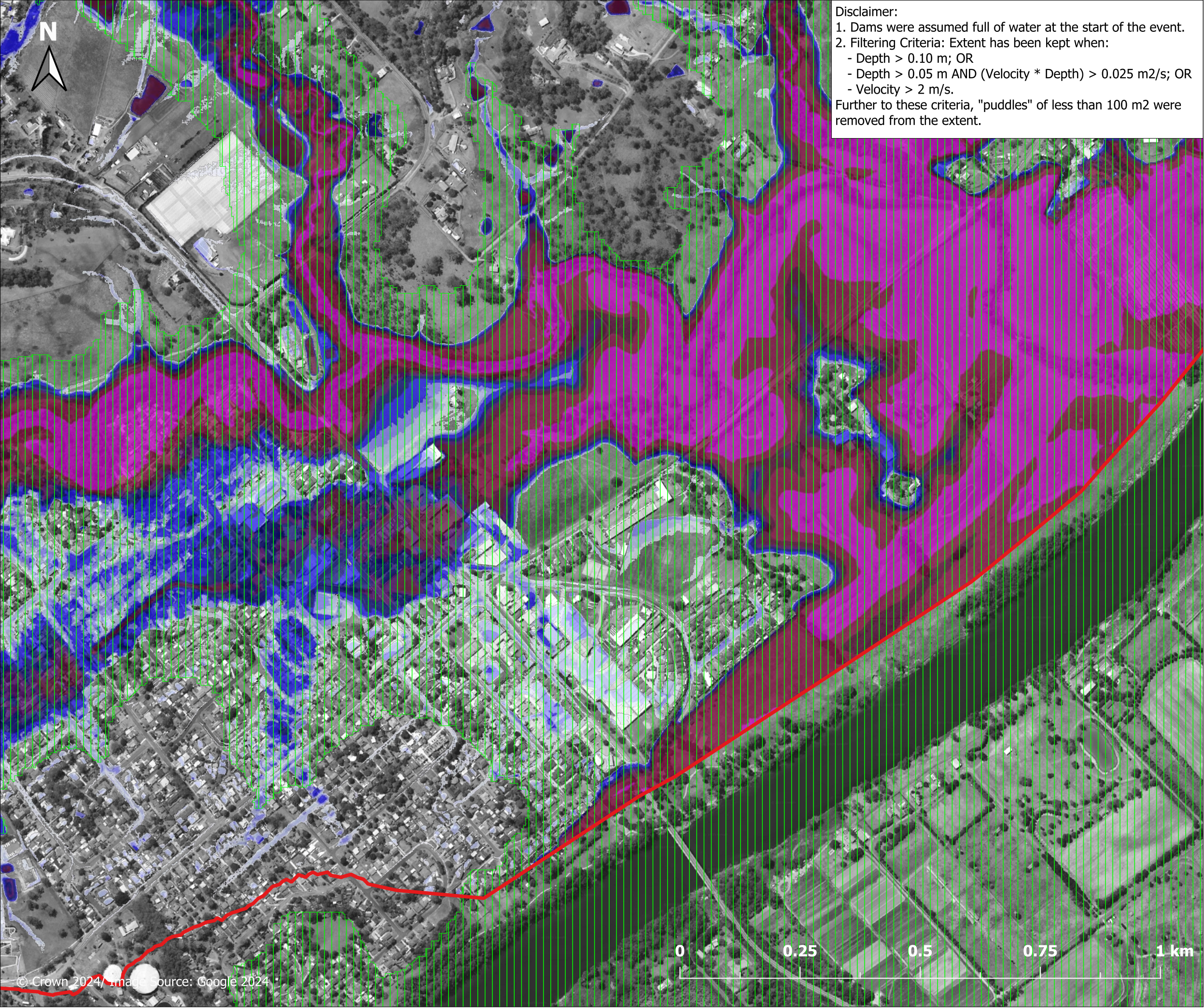
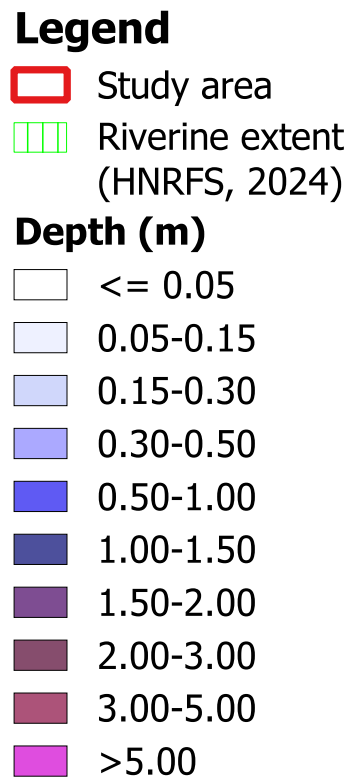


Figure E.2.11.2

**Peak flood depth
PMF event
East of North
Richmond**



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Study**



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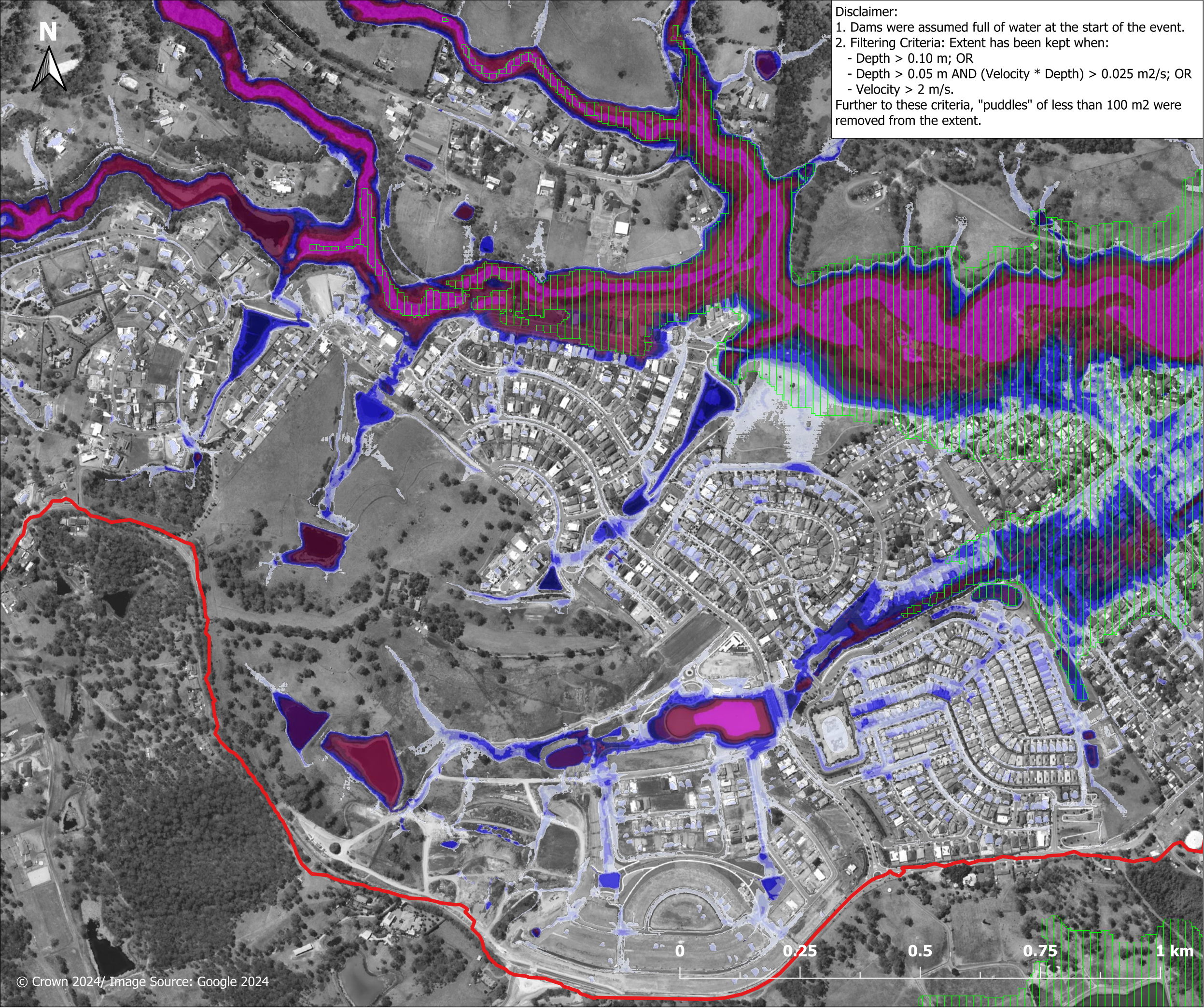


Figure E.2.11.3

**Peak flood depth
PMF event
West 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

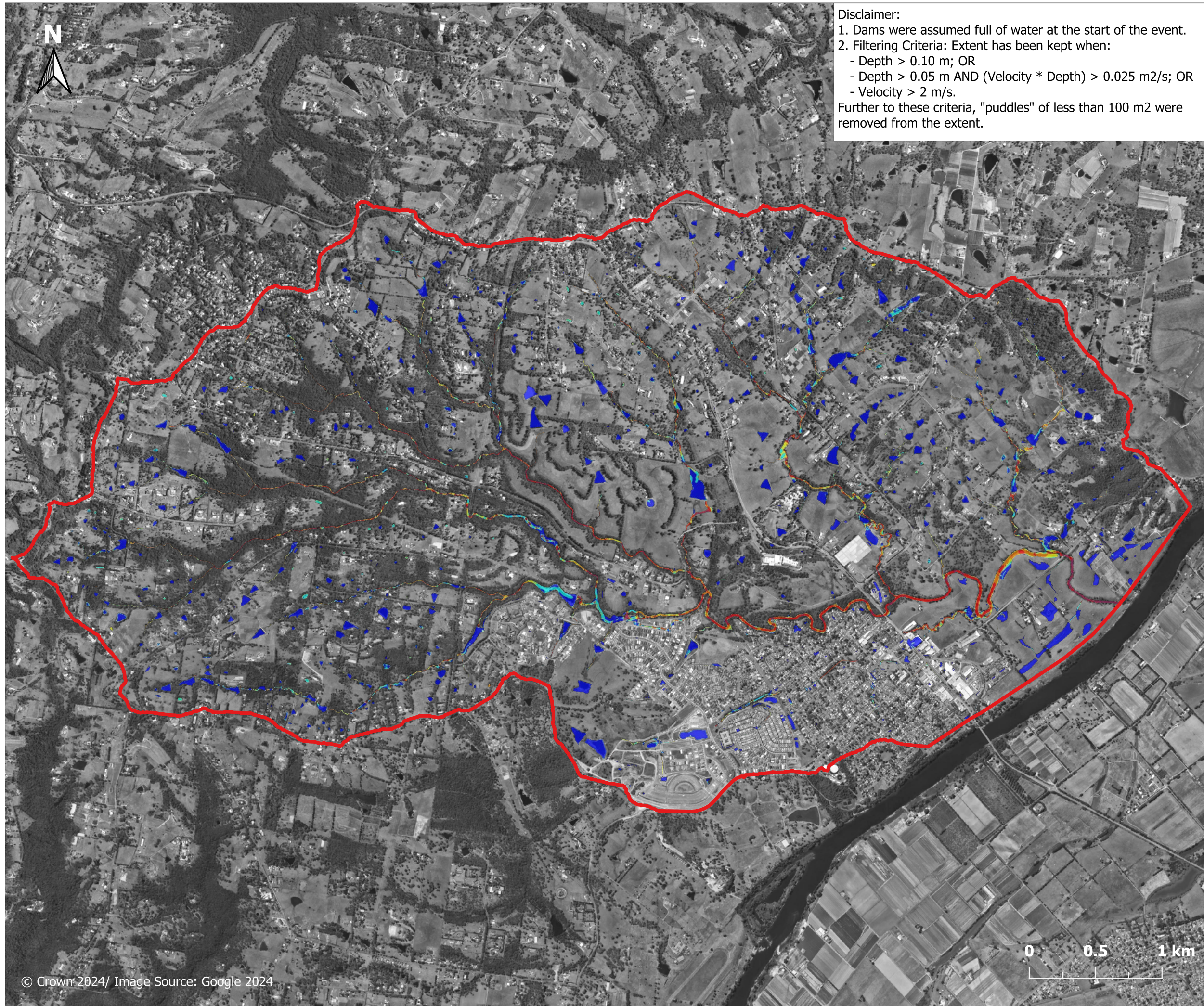


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Disclaimer:
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2. Filtering Criteria: Extent has been kept when:
- Depth > 0.10 m; OR
- Depth > 0.05 m AND (Velocity * Depth) > 0.025 m²/s; OR
- Velocity > 2 m/s.
Further to these criteria, "puddles" of less than 100 m² were removed from the extent.

Figure E.3.1.1
Peak flow velocity
20% AEP event
North Richmond
Overview

Legend

 Study area

Flow velocity (m/s)

| | |
|---|-----------|
|  | 0.00-0.25 |
|  | 0.25-0.50 |
|  | 0.50-0.75 |
|  | 0.75-1.00 |
|  | 1.00-1.50 |
|  | >1.50 |

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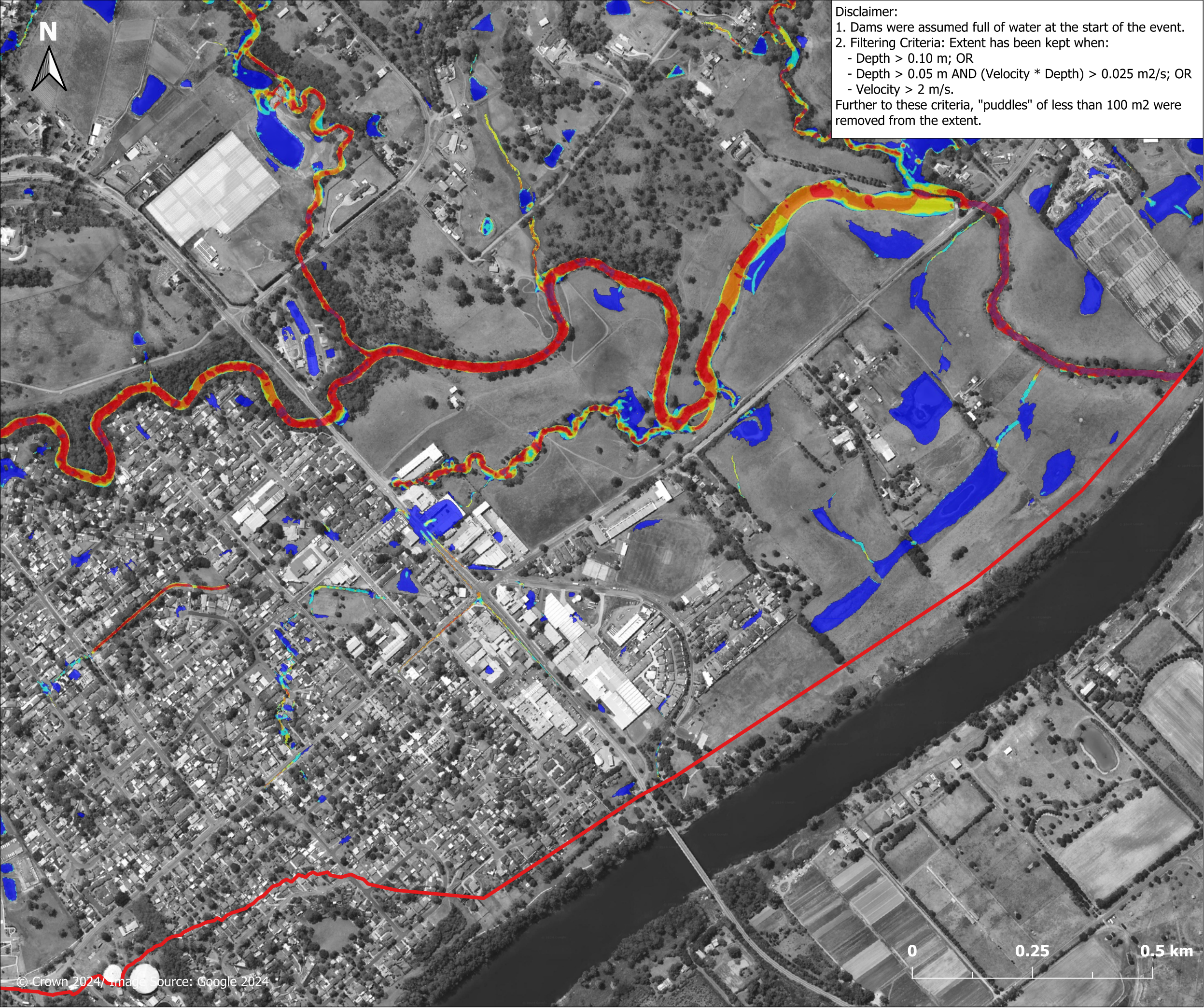


Figure E.3.1.2

**Peak flow velocity
20% AEP event
East of North
Richmond**

Legend

Study area

Flow velocity (m/s)

| | |
|--|-----------|
| | 0.00-0.25 |
| | 0.25-0.50 |
| | 0.50-0.75 |
| | 0.75-1.00 |
| | 1.00-1.50 |
| | >1.50 |



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