



## EA/NRW Flood Data Map (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

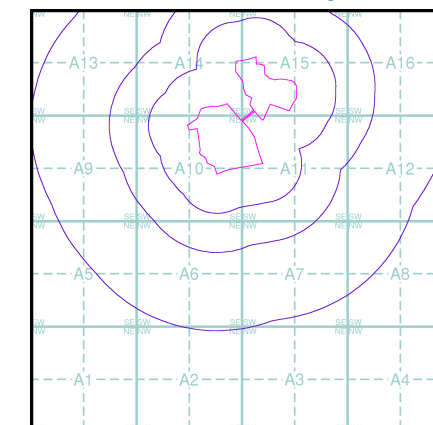
### Flood Data

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

### Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

## EA/NRW Flood Data Map - Slice A



### Order Details

Order Number: 66214459\_1\_1  
Customer Ref: 835/SBC1043/EH  
National Grid Reference: 328960, 343760  
Slice: A  
Site Area (Ha): 21.17  
Search Buffer (m): 1000

### Site Details

The Grange, Plas Bennion Road, Wrexham, Clwyd, LL14 1TP



Tel: 0844 844 9952  
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## JBA 75 Year Return Flood Map (Undefended) (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

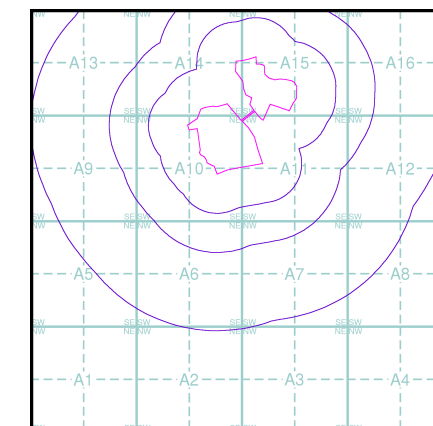
### Modelled Flood Depth

| Pluvial Depth | Fluvial Depth | Coastal Depth |
|---------------|---------------|---------------|
| < 1cm         | 0.5mm - 10cm  | < 10cm        |
| 1cm - 10cm    | 10cm - 30cm   | 10cm - 30cm   |
| 10cm - 30cm   | 30cm - 1m     | 30cm - 1m     |
| 30cm - 1m     | >1m           | >1m           |
| >1m           |               |               |

### Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

## JBA 75 Year Return Flood Map (Undefended) - Slice A



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## JBA 100 Year Return Flood Map (Un defended) (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

### Modelled Flood Depth

#### Fluvial Depth

|              |
|--------------|
| 0.5mm - 10cm |
| 10cm - 30cm  |
| 30cm - 1m    |
| >1m          |

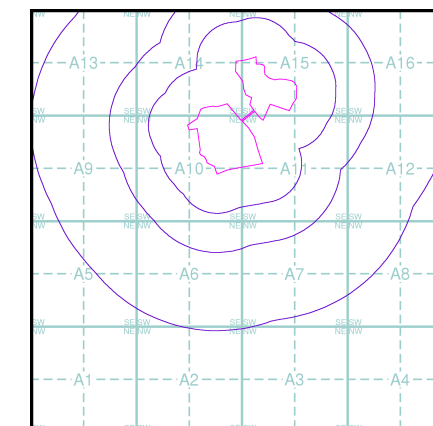
#### Coastal Depth

|             |
|-------------|
| < 10cm      |
| 10cm - 30cm |
| 30cm - 1m   |
| >1m         |

### Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour 105 100 95
- Spot Height \*167.8
- MLW Mean Low Water
- MHW Mean High Water

## JBA 100 Year Return Flood Map (Un defended) - Slice A



### Order Details

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## JBA 200 Year Return Flood Map (Un defended) (1:10,000)

### General

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- Specified Buffer(s)
- Bearing Reference Point

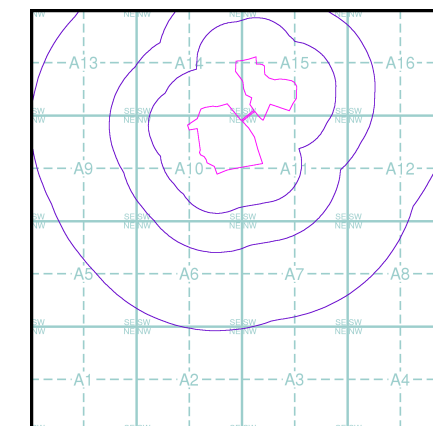
### Modelled Flood Depth

| Pluvial Depth | Fluvial Depth | Coastal Depth |
|---------------|---------------|---------------|
| < 1cm         | 0.5mm - 10cm  | < 10cm        |
| 1cm - 10cm    | 10cm - 30cm   | 10cm - 30cm   |
| 10cm - 30cm   | 30cm - 1m     | 30cm - 1m     |
| 30cm - 1m     | >1m           | >1m           |
| >1m           |               |               |

### Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

## JBA 200 Year Return Flood Map (Un defended) - Slice A



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## JBA 1000 Year Return Flood Map (Undefended) (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

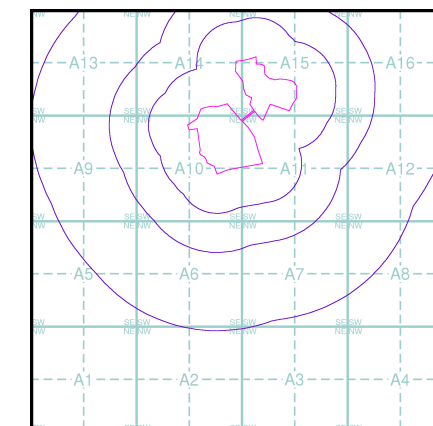
### Modelled Flood Depth

| Pluvial Depth | Fluvial Depth | Coastal Depth |
|---------------|---------------|---------------|
| < 1cm         | 0.5mm - 10cm  | < 10cm        |
| 1cm - 10cm    | 10cm - 30cm   | 10cm - 30cm   |
| 10cm - 30cm   | 30cm - 1m     | 30cm - 1m     |
| 30cm - 1m     | >1m           | >1m           |
| >1m           |               |               |

### Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour 105 100 95
- Spot Height \*167.8
- MLW Mean Low Water
- MHW Mean High Water

## JBA 1000 Year Return Flood Map (Undefended) - Slice A



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## JBA Canal Failure Map (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

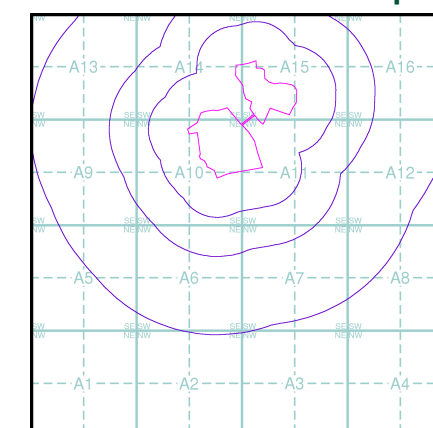
### Flood Data

- Canal Failure
- Coverage

### Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

## JBA Canal Failure Flood Map - Slice A



### Order Details

Order Number: 66214459\_1\_1  
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Slice: A  
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## Detailed River Network Map (1:10,000)

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

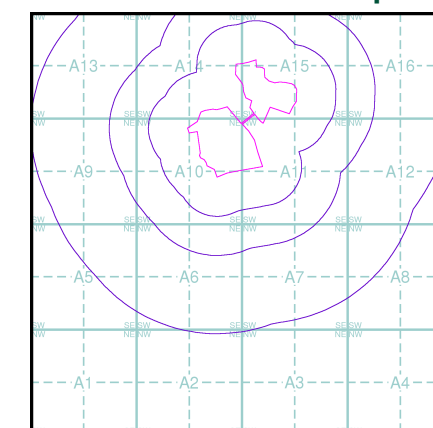
### Detailed River Network Data

- |                      |                                             |
|----------------------|---------------------------------------------|
| Primary River        | Extended Culvert (greater than 50m)         |
| Secondary River      | Underground River (inferred)                |
| Tertiary River       | Underground River (local knowledge)         |
| Canal                | Downstream of High Water Mark               |
| Canal Tunnel         | Downstream of Seaward Extension             |
| Undefined River      | Not assigned River feature                  |
| Lake/Reservoir       |                                             |
| Source               | Not assigned River feature                  |
| Junction             | Pseudo Node (general)                       |
| Sink                 | Pseudo Node (High Water Mark)               |
| Non-interactive Node | Pseudo Node (OS MasterMap polygon boundary) |
- Offline Drainage Feature

### Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height \*167.3
- MLW Mean Low Water
- MHW Mean High Water

## Detailed River Network Map - Slice A



### Order Details

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## EA/NRW Historic Flood Map (1:10,000)

### General

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- Map ID

### Historic Flood Events Data

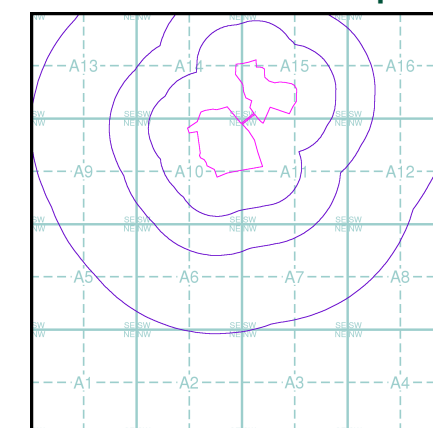
- |                                                |                                       |
|------------------------------------------------|---------------------------------------|
| Channel Capacity Exceeded (no raised defences) | Obstruction/Blockage - Culvert        |
| Groundwater/High Water Table                   | Obstruction/Blockage - Debris Screen  |
| Local Drainage/Surface Water                   | Operational Failure/Breach of Defence |
| Mechanical Failure                             | Other                                 |
| Obstruction/Blockage - Bridge                  | Overtopping of Defences               |
| Obstruction/Blockage - Channel                 | Unknown                               |

- Historical Flood Liabilities

### Contours (height in meters)

- Standard Contour 105
- Master Contour 100
- Spot Height 167.8
- MLW Mean Low Water
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