

FLOOD INFORMATION SERVICE

EXPLANATORY NOTES

Part 2

- Searching for a property by address
- Finding flood data
- Searching for a property by Lot or Plan number
- Finding flood data
- Interpreting flood information
- Obtaining topographical data
- Limitations of the data



SEARCH FOR A PROPERTY AND FLOOD INFORMATION BY ADDRESS

Example 1- 41 Gulliver Street, Mundingburra (Anderson Gardens)

Step 1: Go to “Search” tab;


Step 2: Click “Property” button (shown in Figure 1);

TownsvilleMAPS - Flooding

Standard Tools Search Draw & Measure Print & Export Advanced Other Links

Property Land Flood Point Query Flood Query

Home


City of Townsville

TownsvilleMAPS Flooding

To get started please take a look at our [QUICK START GUIDE](#)

If you have any comments or queries please contact us at enquiries@townsville.qld.gov.au

Flood Point Query: go to Search tab, click 'Flood Point Query' button, left-click on map to register a specific point then press 'Submit' button to run the query.

1% AEP (100y_D) flood depths are shown by default.

Other flood layers are available in Standard tools tab after clicking on 'Change visible map layers'.

Quick Reference Flood Depth Legend:

Depth (m)

- 0m - 0.3m
- 0.3m - 0.5m

Figure 1: “Search” page



TownsvilleMAPS - Flooding

Standard Tools


Search

Draw & Measure


Print & Export

Advanced

Other Links


Property


Land


Flood Point Query


Flood Query

Search Tools

GIS Property Search

TCC Properties spatial layer uses data extracted from PnR. A Property record must exist and be current within PnR to return a result.

Search Type

Address

*Street Name (Required)
Start typing, then select from dropdown.

House Number (optional)
After selecting Street, enter House Number then select from dropdown.

Suburb (optional)
After selecting a Street, choose Suburb from dropdown.

Note: If Chrome is overriding the dropdown inputs, either press 'Esc' to clear it, or disable your 'Address Auto-fill' in your Chrome settings.

Search

Reset

Cancel

Select address from drop-down menu.

Select street name from drop-down list.

Type house number.

Click 'Search'.

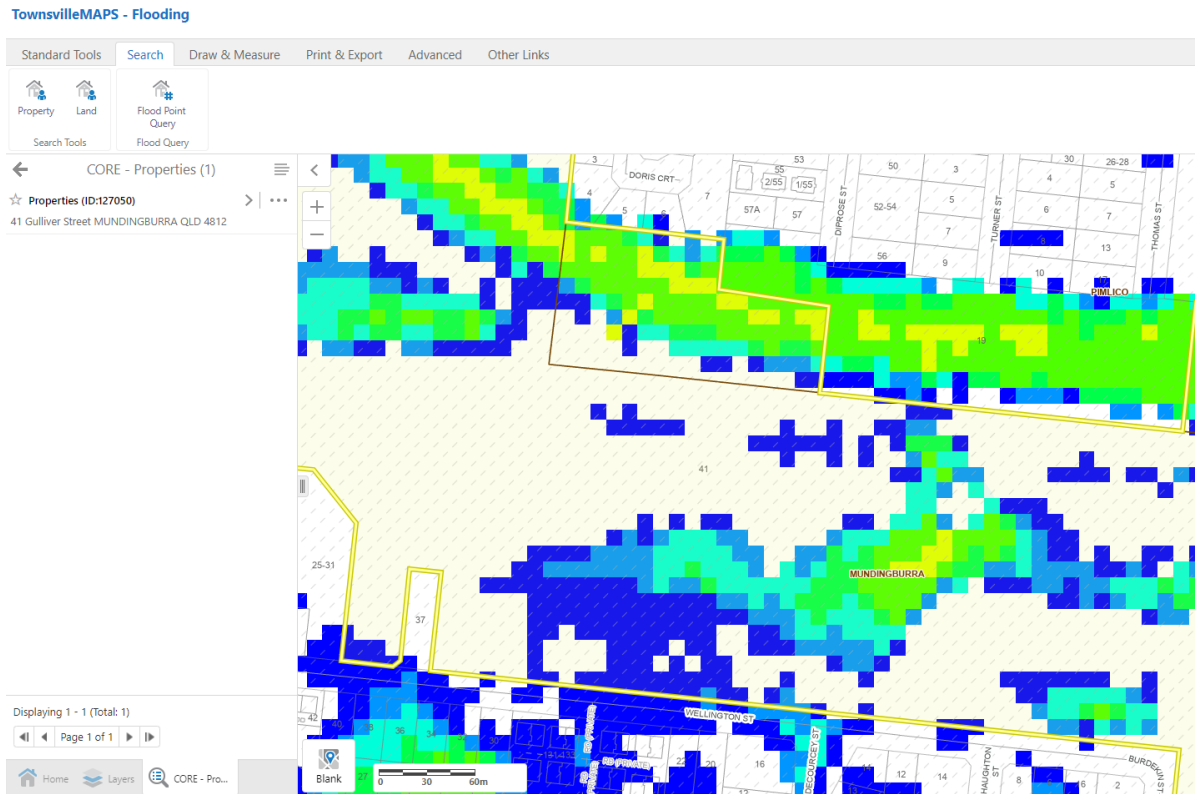
Figure 2: Input address through “Property” Search



Step 3: Input address in specified field as shown in Figure 1b;

Step 4: Click search button;

Step 5: Result shows flood map within the specified address (shown in Figure 3).





FLOOD DATA SEARCH/ QUERY

Step 6: Click “Flood Point Query” button under “Search” tab (shown in Figure 4);

Step 7: Select a point on the map and click “submit” button (shown in Figure 4);

Step 8: Result shows the flood information at the selected location (shown in Figure 5);

Step 9: satellite image can be activated from the bottom left corner of the map.

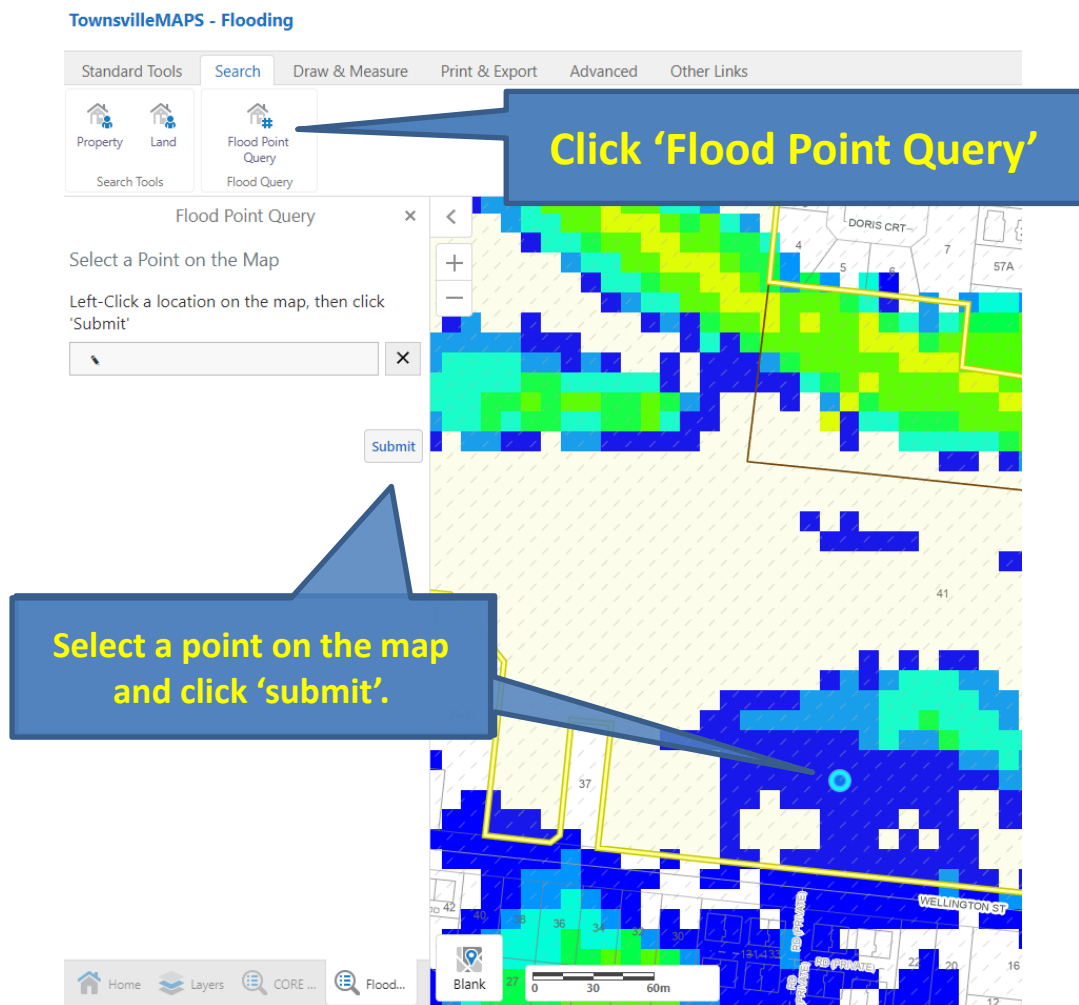


Figure 4: Flood data search/ query

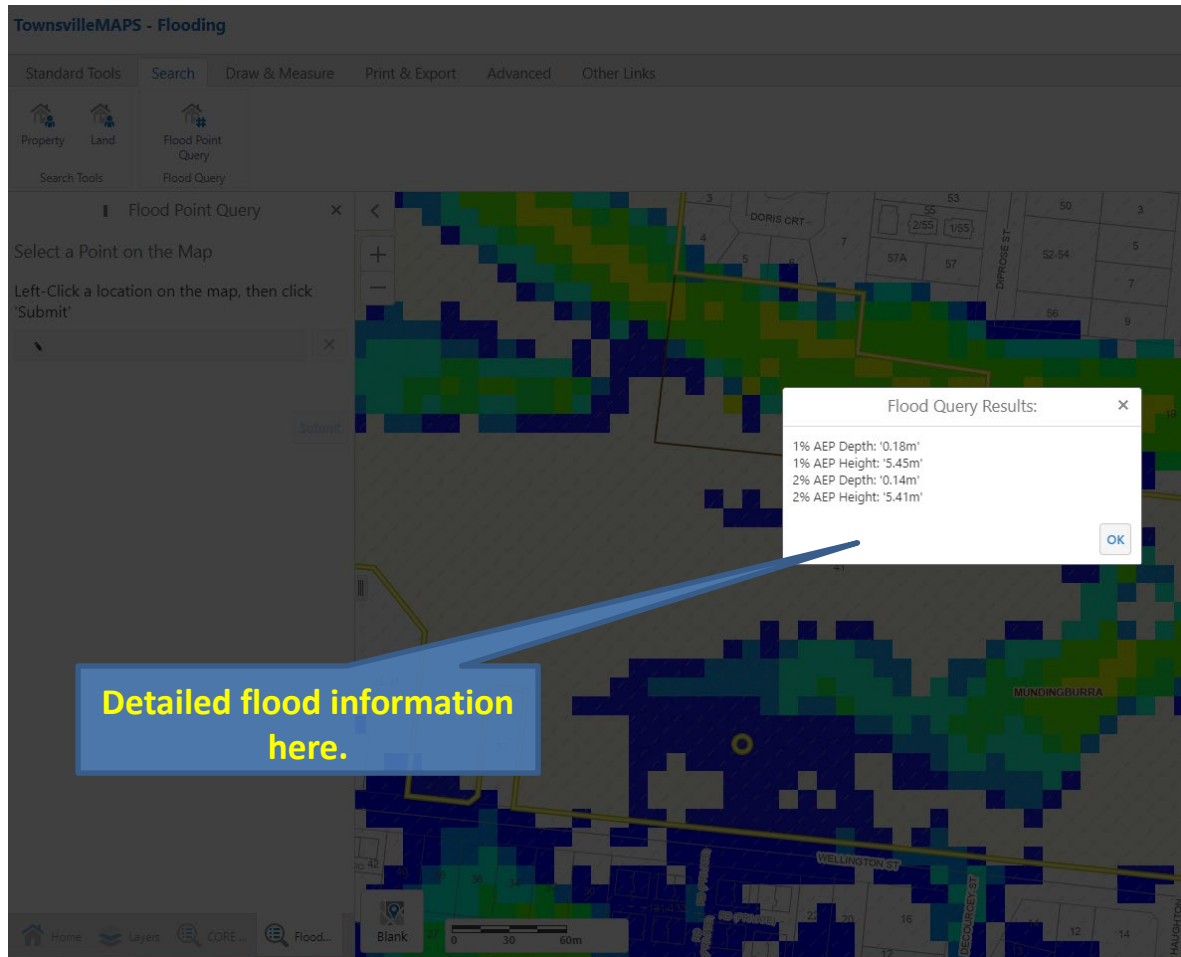


Figure 5: Detailed flood information at the selected location

SEARCH FOR A PROPERTY AND FLOOD INFORMATION BY LOT & PLAN NUMBERS

Step 1: Go to “Search” tab and click “Land” button (shown in Figure 6);

Step 2: Input lot and plan numbers in specified field as shown in Figure 7 and click “Search” button;

Step 3: Result shows flood map within the specified lot (shown in Figure 8);

Step 4: Click “Flood Point Query” button under “Search” tab (shown in Figure 8);

Step 5: Select a point on the flood map and click “Submit” button as shown in Figure 9- a detailed flood information will appear on screen as shown in Figure 10.

TownsvilleMAPS - Flooding

Standard Tools **Search** Draw & Measure Print & Export Advanced Other Links

Property Land **Flood Point**

Search Tools Flood Query

Click here

GIS Land Search

TCC Land Parcels spatial layer uses data extracted from PnR. A Land record must exist and be current within PnR to return a result.”

Search Type
Lot & Plan

*Plan Number (Required)
Start typing Plan Number, then select from dropdown.
Start typing a value

Plan Type (optional)
After entering Plan Number, choose Plan Type from dropdown.

Lot Number (optional)
After entering Plan Number, enter Lot Number then select from dropdown.
Start typing, then select from the dropdown.

Search Reset Cancel

Figure 6: “Search Tools” page


TownsvilleMAPS - Flooding


Standard Tools

Search


Draw & Measure


Print & Export


Property


Land

Search Tools


Flood Point Query


Flood Query

Flood Query

GIS Land Search

TCC Land Parcels spatial layer uses data extracted from PnR. A Land record must exist and be current within PnR to return a result."

Search Type

Lot & Plan

*Plan Number (Required)
Start typing Plan Number, then select from dropdown.

711591

Plan Type (optional)
After entering Plan Number, choose Plan Type from dropdown.Lot Number (optional)
After entering Plan Number, enter Lot Number then select from dropdown.

441

Search

Reset

Cancel

Plan Number

Lot Number

Search

Figure 7: Input lot and plan numbers



TownsvilleMAPS - Flooding

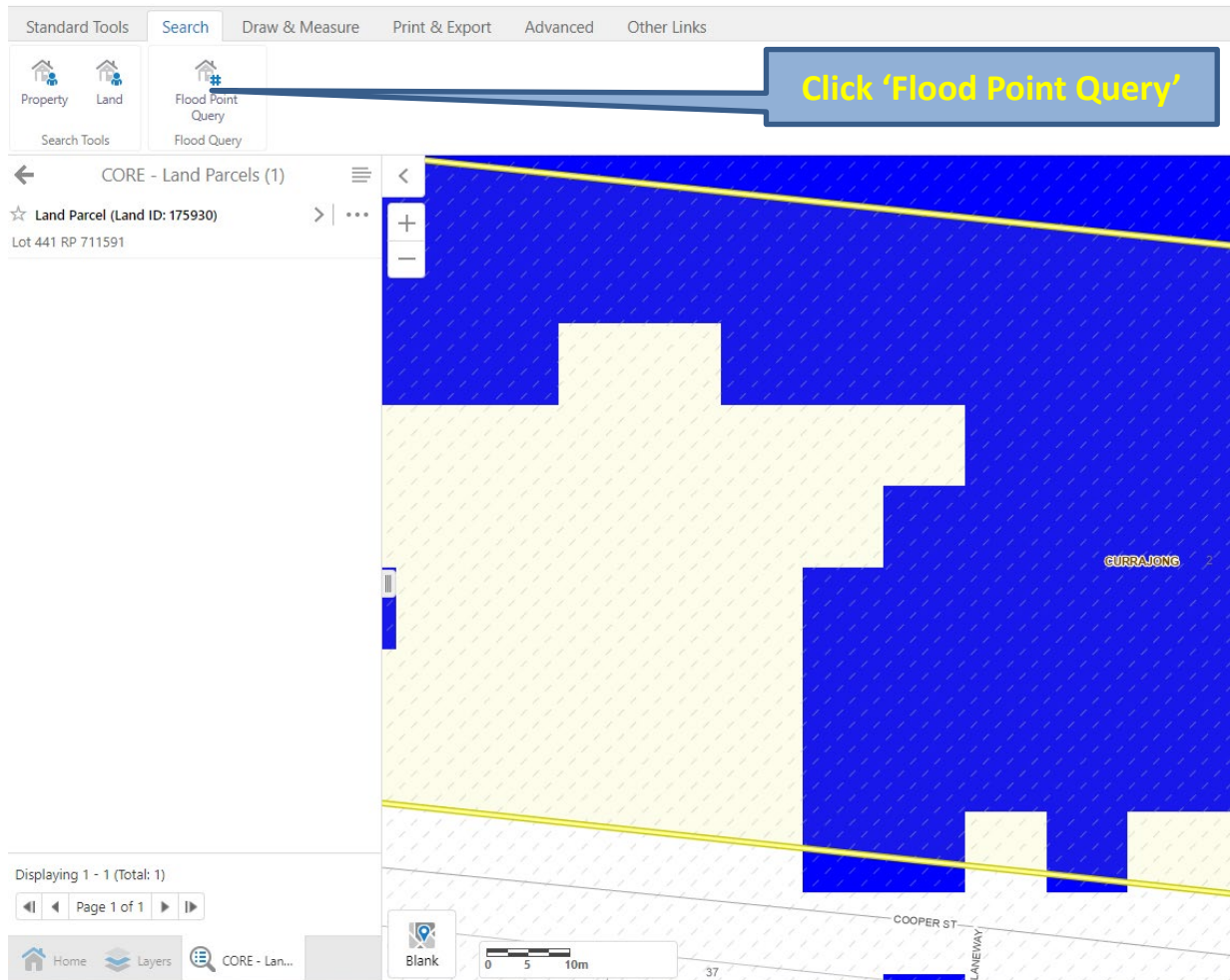


Figure 8: Search result shows flood map with the specified lot (highlighted with yellow polygon)



TownsvilleMAPS - Flooding

Standard Tools Search Draw & Measure Print & Export Advanced Other Links

Property Land Flood Point Query Flood Query

Flood Point Query

Select a Point on the Map

Left-Click a location on the map, then click 'Submit'

Submit

Select a point on the map and click 'submit'

Home Layers CORE ... Flood... Blank 0 5 10m 37 COOPER ST LANEWAY

The screenshot shows the TownsvilleMAPS - Flooding web application. The interface includes a top navigation bar with tabs for Standard Tools, Search, Draw & Measure, Print & Export, Advanced, and Other Links. Below this is a search bar with icons for Property, Land, Flood Point Query, and Flood Query. The main map area displays a topographic map with a yellow point selected. A blue callout box with the text "Select a point on the map and click 'submit'" points to this point. The map also shows a yellow hatched area and a blue area. The bottom of the interface has a toolbar with icons for Home, Layers, CORE, Flood, and Blank, along with a scale bar (0, 5, 10m) and a coordinate display (37). The map labels include "COOPER ST" and "LANEWAY".

Figure 9: Point selection for flood information

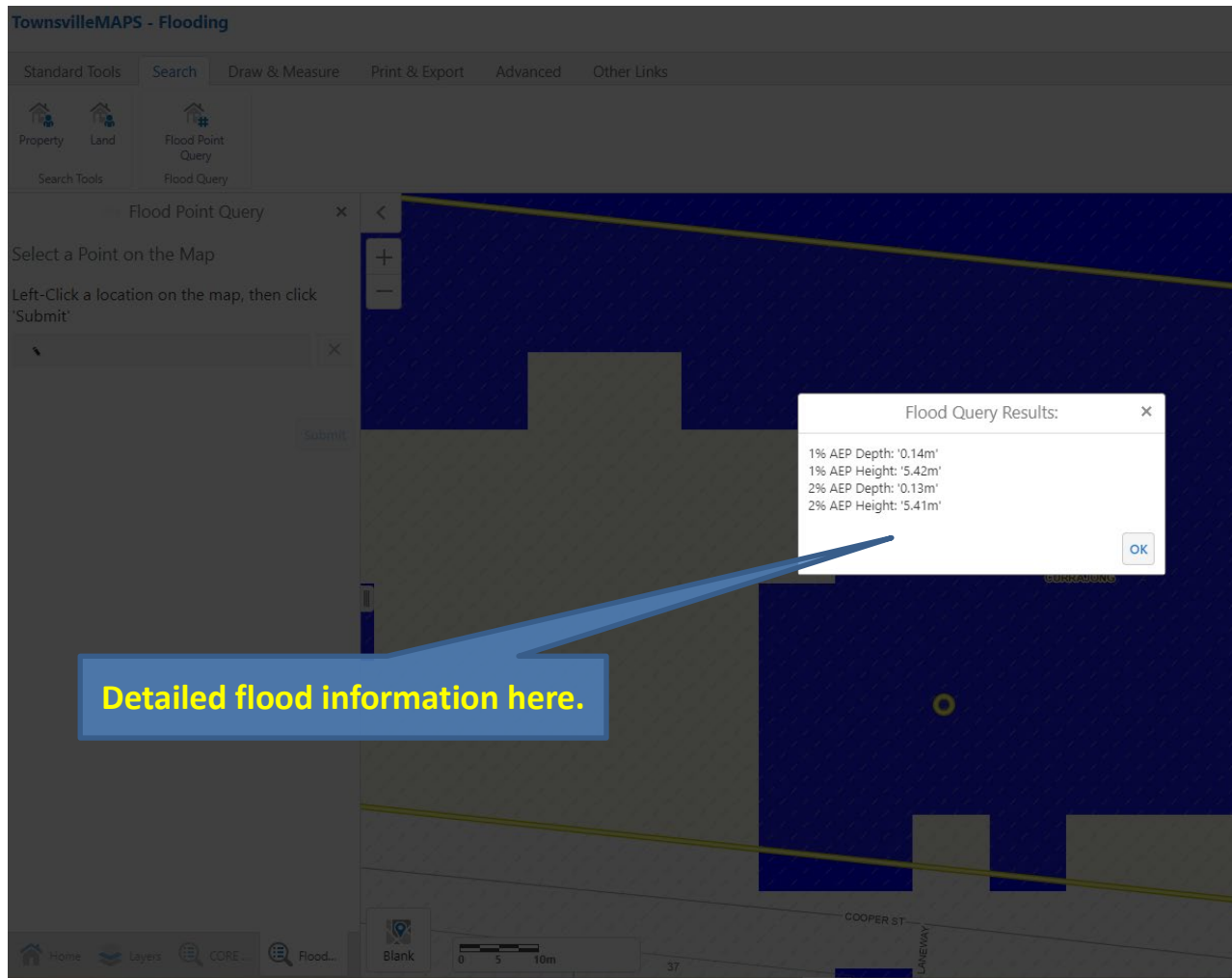


Figure 10: Detailed flood information



INTERPRETATION OF FLOOD HEIGHT INFORMATION

To determine the magnitude of flooding in your property, the flood heights should be compared to the topographical height (or ground level) of your property. Please see Explanatory Notes Part I for a diagram and flooding terminology.

OBTAINING TOPOGRAPHICAL DATA

Topographical data can be obtained in two ways:

1. For a 250 mm interval contour map of the property, please contact council's Customer Service Centre on 1300 878 001 or email: enquiries@townsville.qld.gov.au.

The cost of this map is specified in Townsville City Council's Fees and Charges <<https://www.townsville.qld.gov.au/payments-rates-and-permits/fees-and-charges>> 'Spatial Mapping' schedule as 'GIS GENERATED CUSTOM MAPS'

2. Alternatively, for more precise information, you may wish to engage the services of a qualified surveyor to establish the ground levels of your property and the habitable floor level of your dwelling.

LIMITATIONS OF THE DATA

If, after the topographical data for the flood study was collected, substantial changes were made to the topography of your property of interest, the flood information may not be accurate. One way to check this is to compare the modelled flood heights with the topography of the property.