

**Product 4 Flood Risk Data Requested by:** Bellamy Roberts

**Site:** 46 Warblington Road, Emsworth, PO10 7HH

**Table 1: Water Levels: Tidal Undefended**

| Node Ref | NGR      |           | Modelled Flood Levels in Metres AOD      |              |              |      |
|----------|----------|-----------|------------------------------------------|--------------|--------------|------|
|          | Eastings | Northings | Undefended Annual Exceedance Probability |              |              |      |
|          |          |           | 0.5%                                     | 0.5% (2070)* | 0.5% (2115)* | 0.1% |
| 1        | 474360   | 105531    | -                                        | -            | -            | -    |
| 2        | 474408   | 105507    | -                                        | -            | -            | -    |
| 3        | 474368   | 105452    | -                                        | -            | -            | -    |
| 4        | 474428   | 105427    | -                                        | -            | -            | -    |
| 5        | 474409   | 105374    | -                                        | 3.96         | 4.57         | -    |
| 6        | 474453   | 105322    | 3.48                                     | 3.96         | 4.57         | 3.66 |

**Table 2: Water Levels: Tidal Defended**

| Node Ref | NGR      |           | Modelled Flood Levels in Metres AOD    |              |              |      |
|----------|----------|-----------|----------------------------------------|--------------|--------------|------|
|          | Eastings | Northings | Defended Annual Exceedance Probability |              |              |      |
|          |          |           | 0.5%                                   | 0.5% (2070)* | 0.5% (2115)* | 0.1% |
| 1        | 474360   | 105531    | -                                      | -            | -            | -    |
| 2        | 474408   | 105507    | -                                      | -            | -            | -    |
| 3        | 474368   | 105452    | -                                      | -            | -            | -    |
| 4        | 474428   | 105427    | -                                      | -            | -            | -    |
| 5        | 474409   | 105374    | -                                      | 3.95         | 4.59         | -    |
| 6        | 474453   | 105322    | 3.47                                   | 3.95         | 4.59         | 3.61 |

**Table 3: Water Depths: Tidal Undefended**

| Node Ref | NGR      |           | Modelled Flood Depths in Metres          |              |              |      |
|----------|----------|-----------|------------------------------------------|--------------|--------------|------|
|          | Eastings | Northings | Undefended Annual Exceedance Probability |              |              |      |
|          |          |           | 0.5%                                     | 0.5% (2070)* | 0.5% (2115)* | 0.1% |
| 1        | 474360   | 105531    | -                                        | -            | -            | -    |
| 2        | 474408   | 105507    | -                                        | -            | -            | -    |
| 3        | 474368   | 105452    | -                                        | -            | -            | -    |
| 4        | 474428   | 105427    | -                                        | -            | -            | -    |
| 5        | 474409   | 105374    | -                                        | 0.14         | 0.74         | -    |
| 6        | 474453   | 105322    | 0.59                                     | 1.07         | 1.68         | 0.77 |

**Table 4:** Water Depths: Tidal Defended

|          | NGR      |           | Modelled Flood Depths in Metres        |              |              |      |
|----------|----------|-----------|----------------------------------------|--------------|--------------|------|
|          |          |           | Defended Annual Exceedance Probability |              |              |      |
| Node Ref | Eastings | Northings | 0.5%                                   | 0.5% (2070)* | 0.5% (2115)* | 0.1% |
| 1        | 474360   | 105531    | -                                      | -            | -            | -    |
| 2        | 474408   | 105507    | -                                      | -            | -            | -    |
| 3        | 474368   | 105452    | -                                      | -            | -            | -    |
| 4        | 474428   | 105427    | -                                      | -            | -            | -    |
| 5        | 474409   | 105374    | -                                      | 0.14         | 0.74         | -    |
| 6        | 474453   | 105322    | 0.59                                   | 1.07         | 1.68         | 0.77 |

All levels taken from: Chichester Coastal Modelling (2016), by JBA Consulting.

Produced on: 24/10/2023

**\* The flood risk data provided is based on existing EA hydraulic models with an allowance for climate change. Please note the climate change allowances provided are not up to date. These were updated on 27 July 2021.**

You should refer to '[Flood risk assessments: climate change allowances](#)' for the most up to date allowances. You will need to undertake further assessment of future flood risk using different allowances to ensure your assessment of future flood risk is based on best available evidence.

There is no additional information or health warnings for these levels/depths or the model from which they have been produced.