

River Homework 7 Answers

1) What engineering strategy has been used to protect Moritt? (1)

Channel Straightening

2) Explain how the engineering strategy at Moritt could cause problems in Fultow? (2)

1.2 Channel straightening may cause flooding or increased erosion at Fultow [1 mark] because flood water is carried there faster [1 mark].

3) Describe the engineering strategy being used at Portnoy and explain its benefits (3)

1.3 Flood plain zoning prevents people building on parts of a flood plain that are likely to flood [1 mark]. It reduces the risk of flooding because impermeable surfaces aren't created, e.g. buildings and roads [1 mark]. It also reduces the impact of flooding because there aren't any houses or roads to be damaged [1 mark].

4) Outline two disadvantages of the type of strategy shown

2.1 E.g. flood warnings don't stop a flood from happening [1 mark] / Some people may not hear or have access to warnings [1 mark].

5) Explain how the strategy in figure 2 can help to decrease the impact of flooding (2)

2.2 Warnings give people time to move possessions upstairs, put sandbags in position and to evacuate [1 mark]. This means that there is less damage to property and less risk to people [1 mark].