Lower Mole Flood Alleviation Scheme – Interactive Map

Environment Agency

Key Watercourse
Echoing JK comments in reference to Imber Court loop which fully apply to River Mole; "This watercourse has key habitat for a range of species including fish, ducks, kingfishers and herons and other water birds. It is an essential ecosystem in the local area which aids in diversity. Every effort/best endeavours must be made to retain this permanently. All local families highly value this amenity."

Potential Recreation Opportunity
Create footpath proceeding north along the east side of The Mole?

Potential Recreation Opportunity
The existing bridge in this area could be adapted for pedestrian access? possibly opening out the east side of the River Mole here and extending access in a counter clockwise direction to the Ember?

Potential Aesthetics Opportunity
Lets see more visualisations of option 6, low water level, high water level, use of hard landscape and cladding / rocks, use of planting etc.

Potential Recreation Opportunity
Opening this section of footpath (adjacent to camp site) would provide welcome access along the Ember

Potential Recreation Opportunity
Canoe Access

Key Watercourse
This watercourse has key habitat for a range of species including fish, ducks, kingfishers and herons and other water birds. It is an essential ecosystem in the local area which aids in diversity. Every effort / best endeavours must be made to retain this permanently. All local families highly value this amenity.

Potential Recreation Opportunity
Great potential to open up to the public the north bank of The Ember and the track that is in place - Also extending access around Island Barn Reservoir would provide greater access to the area

Option Visualisation
With Ember river bed lower than concrete plinth leading to River Mole we need to see a visualisation. The River Mole cannot be allowed to reduce in height or dry up as it would have a significant impact on wildlife, local environment and recreation.

Key Watercourse
A concern that the complete length of the Dead River (source in Walton on Thames) is not maintained in any way, and probably should be to aid drainage and flow?

Potential Safety and Security
If any option other than 3 is taken, the old Mole will not receive water. All the bridges, paths and properties downstream will therefore have unsafe drops into rocky mud along steep banks. These areas already susceptible to fly tipping, with hazards below water.

Potential Recreation Opportunity
A new footbridge in this approximate location would very helpfully extend access to the area

Potential Recreation Opportunity
Possible site for footbridge - links Molesey Heath to extended area

Potential Safety and Security
This is location of Esher sewage outflow. Any proposed drop in level would need to ensure good water quality is sustained under all outflow conditions along old Mole (feed till just opposite) and Ember

Potential Aesthetics Opportunity
Option 6 will lead to a reduction in the level of the "old Mole", which will detract from current aesthetics and biodiversity

Option Visualisation
Please can we have some visualisation images of the Ember Loop for each of the options?

Potential Recreation Opportunity
Enormous potential along the West bank of the mole here for tree planting and modest landscaping habitat creation - a commonly used footpath

Potential Biodiversity Opportunity
Level needs to be sustained along old Mole to protect habitat for existing wildlife (kingfishers, insects, bats, & at least 16 fish species including Stone Loach) and flow rate enabled clearance of invasive Pennywort