

# Westwood Rec Project 2023



# Westwood Rec Investigatory and Additional Works



## Zone A

- Silt sample to be taken to see if it can be used for the new shoring on the banks of the pond
- Install river level sensor by culvert water level reader

## Zone B

- 3 x trial holes to determine depth
- Soil sample to see if existing soil can be used

## Other Areas:

- Install 1 river level sensor under Meads Lane bridge
- Install 1 river level sensor in Seven Kings Park under footbridge that crosses to King George Hospital.



# Westwood Rec One Page Scope



## Zone A

- Pond and trash screen area
- Trash screen area requires tidying up from debris
- Large amounts of silt in pond
- Large trees and other foliage and shrubs cause further debris to the pond and therefore trash screen
- Trash screen acts as a single point of failure
- Properties adjacent to pond area susceptible to initial flooding if culvert blocks

## Zone B

- Last resort flood water hold area
- Bund in place to hold water but not high enough
- Hardstanding in place old basketball/volleyball court reduce permeability
- Complaints of people looking into fences via standing on the bund (issue if raised higher)
- Nesting season if to be considered if works to hedges undertaken (until August)



# Zone A Works Scope



1. For trees – removal of all overhanging trees and vegetation
2. Vegetation clearance of bank adjacent to properties
3. De-silting of pond
4. Creation of natural bund adjacent to fences of properties
5. Assess new trash screen guidance from EA and ensure trash screen meets new specs (to be done after flood alleviation works)

## Zone B Works Scope



1. Installation of surface drainage to act as overflow into culvert
2. Use existing ground to increase height of bund
3. Remove hardstanding and re-grass to level of northern part of Zone B.
4. Extend width of bund to assist with maintenance of hedges
5. Install fence at edge of bund with a gate for maintenance access
6. Install geotextile membrane at bund
7. Make Zone B a grow zone with wild flower to increase biodiversity and permeability



# Estimated Programme of Work

Activity		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Zone A	Remove overhanging vegetation	█	█							
	EA permission process to de-silt	█								
	Install river level sensors	█								
Zone A and B	Silt and Soil tests		█							
Zone A	De-silting of pond, creation of natural bund and vegetation clearance		█	█	█					
Zone B	Design		█	█	█					
	Bund works					█	█	█	█	
	Installation of additional drain						█	█		
	Installation of fence								█	

