

Environmental Risk Assessment						
Shalbourne Stream - Polesdon Wetland Project						
No.	Task/Hazard	Risk Indicator	Consequences	Risk Rating	Risk Control Measure/ Methodology	Final Risk
1	Disturbance to nesting birds	Work in wooded areas and on marginal features which could be used for nesting	Damage to bird nest and/or nesting areas. Damage to eggs and/or young birds	High	Minimal tree works required. Pre-check for nesting birds prior to any construction works	Low
2	Disturbance of protected species	Works carried out adjacent to otter holt or water vole burrows. Tree works.	Damage to habitat of protected species. Risk of injury or disturbance to animal.	High	Sites to be screened for water vole and otter presence. A survey of all areas that might be affected by the works commencing. Pre-construction final check for protected species to be undertaken and construction methodology adjusted as required.	Low
3	Disturbance of silt/sediment	Channel excavations	Siltation of downstream habitats such as gravel riffles	High	Works to be carried out in dry conditions. Sediment traps to be installed at downstream end of works area before new work commence. Sediment traps to be secured to the river bed with road pins. Sediment traps to be checked on a regular basis.	Low
4	Noise and vibration	Heavy plant machinery disturbing surrounding environment and local residents	Temporary disturbance, local species dispersal.	Medium	Reduce and minimise where possible. Use quieter equipment where possible.	Low
5	Transfer of invasive non-native species/biosecurity	Transferring unwanted species to/from the site via clothing/equipment/PPE etc	Introduction of non-native species or disease	Medium	Operatives to disinfect PPE when coming to or from site. All operatives to adhere to 'check, clean and dry' policy.	Low
6	Fuel spill	Mechanical leakage when refuelling plant, or leakage of hydraulic fluid from plant machinery	Pollution to watercourse	High	Re-fuelling of machinery to be undertaken a minimum of 10m away from any watercourse. Preferably on hardstanding where possible. All fuel containers to be stored in a bunded store if possible. Spill kits to be easily accessible.	Low
7	Increase to flood risk	Slow of water flow through water course	Increased risk to floodplain meadow.	Low	Surrounding land, where flooding is increased, is part of an arable reversion scheme. There is no increased risk to infrastructure. The works are designed to increase flood storage capacity by allowing surround farmland to be flooded during time of high water levels.	Low