

Environment Risk Assessment



Project: Val Wyatt Marine, Willow Lane, Wargrave, RG10 8LH Consider each of the sections in relation to the proposed works, comment on whether impacts will occur, if they are significant and what you will do to reduce/eliminate them. Consider the need to refer to guidance or expert help.

	ISSUE	CONSIDER	COMMENT/ACTION
1	Consultation: (Statutory requirements)	Who should be consulted about the works, e.g. regulators such as Environment Agency, English Heritage, English Nature (or equivalents), Local Authority Planning.	Consent to be sought via EA
2	Local interests (consider advising or consulting about works)	User Group Forum (inc local authorities, wildlife trusts?), neighbours, complainants, users (advance warning of disruption?)	Local Residents, EA, Marina Customers, boat users.
3	Phasing (length of time for works to be complete in)	Could the works be split over two or more years OR programmed with other activities to reduce overall impacts?	Work to be carried in the quiet boating season. The works are away from the main navigation.
4	Timing (consider whether time of year will affect flora and fauna or effectiveness of work)	What is the best time with regard to the environment for carrying out the work (see habitats list)? If you are not doing the work then, why not?	carrying out the work now will cause minimum disruption to waterway users due to quiet time of season regarding boat traffic. Nesting season will be over before the program starts.
5	Access for Users (Restrictions/stoppages to towpath and navigation users)	How will the works affect the use of the towpath or channel (do we need diversions)? Will access be maintained or improved for able bodied and disabled?	No restrictions will take place as its on our clients property. No site compound will be needed as working from barge.
6	Plants & Animals - (protected and valuable species, sites and habitats)	Check Wildlife Sites Register - if designated consult with relevant organisation. Refer to list of valuable & protected habitats (attached). Will the work affect any of these? Have the Waterway been advised of the presence of any other Protected Species? What will you do to protect species, sites or habitats identified as of value?	No protected or valuable species are known to exist on this site. The work will not affect this non statutory site.

Appraisal should be signed off by competent staff. If the Comments are complex consider the need for reference to the ERA guidance or expert support.

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7	Fishery	How will the works affect fish or angling (drawdown, access, turbidity, pollution, loss of habitat, spawning)?	No affect to wildlife. No debris will be allowed to enter the Navigation
8	Heritage / Built Environment (including listed structures, original surfaces, fabric or features of structures, buildings, archaeological artefacts or features)	Check Heritage Register - consult relevant authority for consent for ANY works on designated structures. For undesignated sites/structures carry out works on "like for like" basis.	No listed structures are on site.
8	Landscape (the appearance of the fabric of the waterway or the setting and character of waterway)	Refer to Landscape Evaluation if available. How will the works change the appearance or landscape features of the waterway? Will it open up unsightly views? How will you deal with impacts?	Timber will be used to soften the appearance. Similar to all other approved structures on the marina.
10	Noise and Environmental Health Issues (such as nuisance from dust, black smoke, etc.)	How will you deal with noise impacts on neighbours? What other nuisance issues are there and how will you deal with them?	No environmental health issues will be generated by these works, with the exception of noise. 20 days for noise within the working hours 8am-4pm Mon -Fri.
11	Water Resources (Drainage of surface water, likelihood of flooding, reduction of compensation flows, affecting abstractors)	How will the works affect the flow of water as a resource? How have you checked and how will you deal with the impacts?	Working on a Barge/Boat no affect to flooding will be caused and no restrictions to water flow and boat traffic. Barge secured over night. Monitor EA's flood line.
12	Pollution (inc. potential release / contamination by hazardous substances, or introduction of any solid matter into any watercourse)	Will the works have polluting impacts on soil or water? How will you prepare for and deal with the impacts? Ensure that fuel and chemicals are properly handled and stored.	Any substances which come under coshh will have separate assessments carried out. Protection from anything entering the navigation will be built into the method statement.
13	Contaminated Land (e.g. past/current industrial use, presence of Knotweed/Hogweed)	Does the work involve disturbance of, or produce potentially contaminated ground? How will you deal with it?	No
14	Ground disturbance	Will work involve disturbance of ground, surfaces, services? How will this be dealt with?	The steel piles will be driven into the bed of the navigation terrier maps consulted for services none known

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15	Works Access (Consider damage to structures, sites or habitats on access route)	How will you deal with any environmental impacts caused by plant access to the site? (Protection of surfaces and hedgerows, nuisance etc.)	Access to site will be by water via floating plant no existing hedges or trees will be impacted by access.
16	Reinstatement	How will you reinstate the site and access to the former condition?	Any damage will be reinstated as part of these works. No Damage will occur anyhow.
17	Safety (including issues such as to overhead cabling, subsurface ducts and cabling, confined spaces, CDM, etc.)	Connection between Risk Assessment / Method Statement and this appraisal. Ensure safety measures do not raise further environmental issues.	This appraisal will form part of risk assessment and method statement processes and will not knowingly raise further environmental issues.
18	Waste (including compliance with regulations)	How will you deal with waste produced? Can this be reused / recycled?	All waste from these works will be disposed of using licensed facilities.
19	Sustainability (long term impacts and costs, energy efficiency etc)	Can we use recycled or other sustainable materials? What are the maintenance requirements to ensure long service-life? Consider long-term impacts of changes.	All materials and engineering details are designed to give the longest serviceability without adversely affecting the surrounding environment

Following: *Valuable Habitats List*

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List of valuable habitats:

For use under Items 4 and 6 of the Short Form Appraisal
(as amended October 1998)

This list is an initial aid to help staff complete outline assessments of ecological value that may be affected by proposed works. Within the ECP Appraisal actions to avoid damage to these habitats, mitigate impacts or replace elsewhere should be identified

Valuable habitats associated with canals and navigable rivers:

- Embankments and grassland
- Reed beds and reedy fringes (emergent vegetation)
- Submerged aquatic vegetation
- Woodland and scrubland
- Wetland - "bog", marshy grassland, ponds, rushes.
- Soft banks of watercourses
- Hedges
- Bat roosts (trees, crevices in bricks / stonework, tunnels, roof spaces)
- Trees (live and dead - dangerous trees do not have to be cut to the ground)
- Towpath vegetation (uncut margins)
- Hedge bank (land at rear of towpath into bottom of hedge)
- Water - streams, by-weirs, feeders, side-ponds, reservoirs

Any habitat that appears to be a rare occurrence on a length of waterway, such as isolated trees or reed beds, should be especially valued.

Note on Protection:

- *Some of these habitats will have statutory protection if used by protected species* i.e. bird nests (all birds are protected while nesting), bat roosts, badger setts (embankments or woodland), water voles (reed beds & soft banks), great crested newts (wetlands and adjacent grassland). local Wildlife Trust.
- *Trees and hedges* - Hedges may be protected by the Hedgerow Regulations and trees may be covered by Tree Preservation Orders or Conservation Areas. Both are regulated by the local authority.

Note on Timing: In general, works carried out in the winter (October to February) will have less impact than those in the summer. However, some species hibernate (i.e. bats, newts) and are very vulnerable in the winter as they are harder to detect and will suffer if disturbed. It will also be necessary to check the timing of fish spawning and migration in affected watercourses as this will vary with location and species.

NB: This is a "generic" list, it may be superseded by detailed ecological assessment of an area, corridor study, or local biodiversity plan