

throughout the year. No obvious dams, pumps or pipework.			
6. There is an absence of non-native plant and animal species.	<ul style="list-style-type: none"> Regular monitoring (monthly) of habitat for invasive species Identify and remove invasive, non-native species as soon as possible Where possible, remove invasive species by hand. If more intensive removal is required, this should be carried out by an experienced contractor 	Ensure native assemblage of species. Prevents competition from aggressive non-native species.	From year 1
7. The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	N/A	N/A	N/A
8. In non-woodland ponds, plants, be they emergent, submerged or floating (excluding duckweeds), should cover at least 50% of the pond area that is less than 3 m deep.	<ul style="list-style-type: none"> Ensure duckweed is removed to prevent dominant cover Monitor health of aquatic plants throughout the year and remove dead plant material when necessary Supplementary introduction of aquatic vegetation, incorporating species reflective of the existing community 	Aquatic plants provide foraging and resting opportunities for aquatic and amphibious species	From year 1
9. The surface of non-woodland ponds is no more than 50% shaded by woody bankside species.	<ul style="list-style-type: none"> Selective removal of shrub/tree regeneration to thin areas of growth Prune excess (>50% cover) growth around the periphery of the pond 	Allows maximum light levels to reach the pond surface to encourage growth of aquatic vegetation	From year 2

6.2.8 Urban – Vegetated Gardens

The areas of ‘Proposed Turf Grass’, ‘Proposed Groundcover Planting’ ‘Proposed Hedge Planting’ and ‘Proposed Ornamental Shrub & Herbaceous Planting’ are all within the front and back gardens of houses. Gardens will be the homeowners responsibility, therefore a management plan is not necessary for these habitats.

6.3 Linear Habitats

6.3.1 Line of Trees

An 80m line of trees will be created in the north-western area of the site next to the pond and within the LWS. The line of trees will be comprised of alder, silver birch, goat willow, and small-leaved lime (*Tilia cordata*).

Detailed management techniques are the same as those described for existing lines of trees in Table 8, Section 6.1.1. The targeted condition for the lines of trees is **moderate**, with an expected time to target condition of 20 years. In order to reach the expected targeted condition of **moderate**, at least 3 of the condition criteria must be met. An annual schedule of works for the first 5 years post-development is detailed in Table 15 in Section 6.4.

Appropriate for management
 Not appropriate for management

6.4 Five Year Work Programme

Table 15 - Five Year Work Programme for Lines of Trees

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
Lines of Trees	Initial and replacement planting – Bare root and root ball	Year 1 then as required to year 5												
	Initial and replacement planting – Containerised	Year 1 then as required to year 5												
	Control and removal of non-native species surrounding trees	As required year 1 to 5												
	Mulching using organic mulch, forming 1m radius around tree, to control weeds <ul style="list-style-type: none"> Use organic mulches (leaf litter, rotted hay or grass clippings, manure, wood chips) 	Annually years 1 to 3												
	Monitoring throughout growing and dormant period to ensure successful establishment and control browsing and other damage	Every three months years 1 to 5												
	Any required pruning to damaged or diseased trees	As required year 1 to 5												

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
	Water twice a month during warmer months	Annually during warmer months or as needed in periods of hot weather												
	Visual inspection of tree health	Based on recommendations made in the tree survey report (Urban Green, 2024d)												

Table 16 – Five Year Work Programme for Urban Trees

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
Urban trees	Initial and replacement planting – Bare root and root ball	Year 1 then as required to year 5												
	Initial and replacement planting – Containerised	Year 1 then as required to year 5												
	Control and removal of non-native species surrounding trees	As required year 1 to 5												
	Monitoring throughout growing and dormant period to ensure successful establishment and control browsing and other damage	Every three months years 1 to 5												
	Any required pruning to damaged or diseased trees	As required year 1 to 5												

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
	Water twice a month during warmer months	Annually during warmer months or as needed in periods of hot weather												
	Visual inspection of tree health	Based on recommendations made in the tree survey report (Urban Green, 2024d)												

Table 17 – Five Year Work Programme for Mixed Scrub

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
Mixed scrub	Initial and replacement planting	As required year 1 to 5												
	Visual inspection to assess plant health	Bi-monthly every year												
	Control and removal of invasive non-native species	As required year 1 to 5												
	Monitoring throughout growing and dormant period to ensure successful establishment and control browsing and other damage	Every three months years 1 to 5												
	Pruning of plants using appropriate methods.	As required year 1 to 5												

Table 18 – Five Year Work Programme for Broadleaved Woodland

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
Other Broadleaved Woodland	Initial and replacement planting for failed whips, using the same species – Bare root and root ball	Year 1 then as required to year 5												
	Monitoring of health and viability every 3 years. Visual inspection of trees in high priority areas	Annually and following strong winds												
	Control and removal of non-native, invasive species	As required year 1 to 5. Removal should be carried out as swiftly as possible after identification												
	Pruning of dead and damaged limbs and retention of wood within woodland	Every three months years 1 to 5												
	Thinning of dense woodland growth to 2m spacing	Year 5												
	Thinning of young growth around mature trees	Year 5												

Table 19 – Five Year Work Programme for Other Neutral Grassland/Wildflower Meadow

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
Other Neutral Grassland/Wildflower Meadow	Initial and replacement seeding	Year 1 then as required to year 5												
	Control and removal of non-native species	As required year 1 to 5												
	Monitoring throughout growing and dormant period to ensure successful establishment and control browsing and other damage	Every three months years 1 to 5												
	Removal of dense bracken and shrub growth	Annually years 1 to 5, outside of nesting season												
	Mowing of meadow areas	Spring and autumn cut and removal of arisings, annually years 1 to 5												

Table 20 – Five Year Work Programme for Pond (Non-priority Habitat)

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
Pond	Re-seeding of other neutral grassland habitat within 10m of pond edge	As required years 1 to 5												
	Cut back excess woody growth around pond edge which is encroaching into pond or shading areas of the pond	Annually years 1 to 5												
	Undertake reed cutting to thin reed beds out	On a 4-year rotation and cut different patches in different years												
	Removal of large litter and debris	Monthly years 1 to 5												
	Control and removal of non-native, invasive species	As required. Removal should be carried out as swiftly as possible after identification												

Habitat	Action	Frequency Notes	Indicative timing of operation											
			J	F	M	A	M	J	J	A	S	O	N	D
	Manual removal of duckweed and extensive algal growth	As required years 1 to 5												

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APPENDIX 1 - BIODIVERSITY ENHANCEMENTS LOCATION PLAN



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- Two Crevice Bat Box (in groups of 2)
- Medium Hollow Bat Box (in groups of 2)
- BilBao Woodstone Nest Box (28mm)
- BilBao Woodstone Nest Box (32mm)
- Vivara Pro Woodstone starling Nest Box
- Barn Owl Nest Box
- Hedgehog House

**U R B A N
G R E E N**

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Client

Barratt Homes

Project:

Hogshaw Farm

Title:

Biodiversity Enhancements Location Plan

Issue:

05

Drawn:

SC

Checked:

SB

Approved:

MG

Project:

UG1795

Scale @ A:3:

1:5,000

Date:

19/07/2024

Dwg No:

UG_1795_ECO_BEMP_05

05