

Companion Document

Templates for use with
Habitat Management and Monitoring Plan
and
Monitoring Report

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1. Baseline and Environmental Information

Biological Records

Designated Sites (BI-T01)

Provide a concise summary of the designated features within the designated sites that could be affected by the project. Categorise any potential impacts from the project, whether positive, negative, or negligible, as determined by your professional judgement.

Site Name	Designation	Distance from Project Site	Potential Impact from Project
			Positive
			Negative
			Negligible

Summary of Designated Sites (BI-B01)

List the designated sites identified within the project’s search area. Briefly outline the details of those designated sites and features that will be relevant to the proposals in this HMMP.

Constraints and Opportunities for Project (BI-B02)

Briefly outline any constraints or opportunities posed to this HMMP by any designated sites within the project’s search area.

Protected and Notable Species (BI-T02)

Provide a concise summary of the notable species records within the zone of influence of the project and any potential impacts from the project.

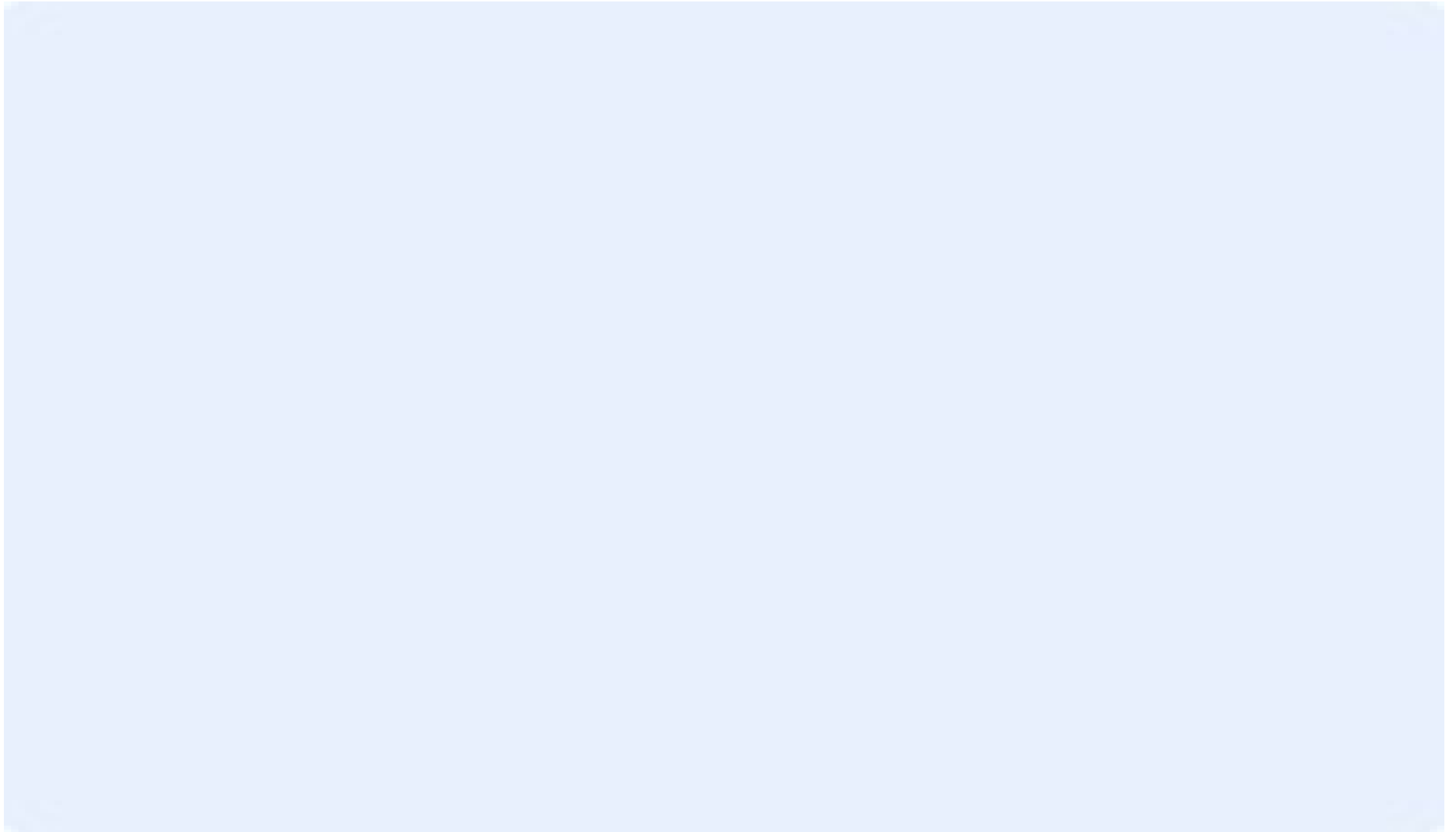
Species	Dates	Conservation Status	Distance of Closest Record	Potential Impact from Project
				Positive
				Negative
				Negligible

Summary of Protected and Notable Species (BI-B03)

List the protected and notable species record identified within the project's search area. Concisely describe those that will be relevant to this HMMP.

Constraints and Opportunities for Project (BI-B04)

Briefly outline any constraints or opportunities posed to this HMMP by any protected and, or, notable species records identified within the project's search area.



Baseline Habitats Survey

Ecologist responsible for baseline surveys (BI-T03)	
Name or Initials	
Organisation	
Survey Date	
Statement of Competency	
<p>A competent person is someone who can demonstrate they have acquired through training, qualifications or experience, or a combination of these, the knowledge and skills enabling that person to perform specified tasks.</p>	
Survey conditions and limitations	
<p>Describe the survey conditions for the habitat and condition assessment surveys. Provide a summary of any limitations that may have affected the surveys or this assessment.</p>	

Habitat Degradation

Are there any signs or evidence that the baseline habitats have been purposefully degraded since 30 th January 2020? (BI-B05)
<p>Briefly outline the details of any evidence that the habitat may have been degraded since 30th January 2020.</p> <p>Include notes of any management works observed during site surveys and, or, a review of historical mapping to determine whether any purposeful degradation may have occurred, that may have reduced the project site's value.</p>
If habitats have been purposefully degraded, provide details of how this has been accounted for (BI-B06)
<p>Detail how the baseline for the site has been adjusted to account for any habitat degradation that is considered to have occurred on site since 30th January 2020.</p>

Baseline Habitat Descriptions and Condition

Use the following tables to provide details of the relevant baseline habitats information. Provide a concise overview of the justification for the condition chosen for each parcel(s) in the appropriate column.

Habitats (BI-T04)

Parcel Refs	Habitat Type and Code	Irreplaceable	Priority	Description and Condition Justification	Condition	Area (ha)
Example: 1,2,5,6	Other neutral grassland – G3C	No	Yes	Habitat description - criteria 1 - pass criteria 2 - not targeted criteria 3 - pass	Moderate	7.2

Hedgerows (BI-T05)

Feature Refs	Habitat Type and Code	Irreplaceable	Priority	Description and Condition Justification	Condition	Area (ha)

Watercourses (BI-T06)

Feature Refs	Habitat Type and Code	Irreplaceable	Priority	Description and condition justification	Condition	Area ha

Priority and Irreplaceable Habitats

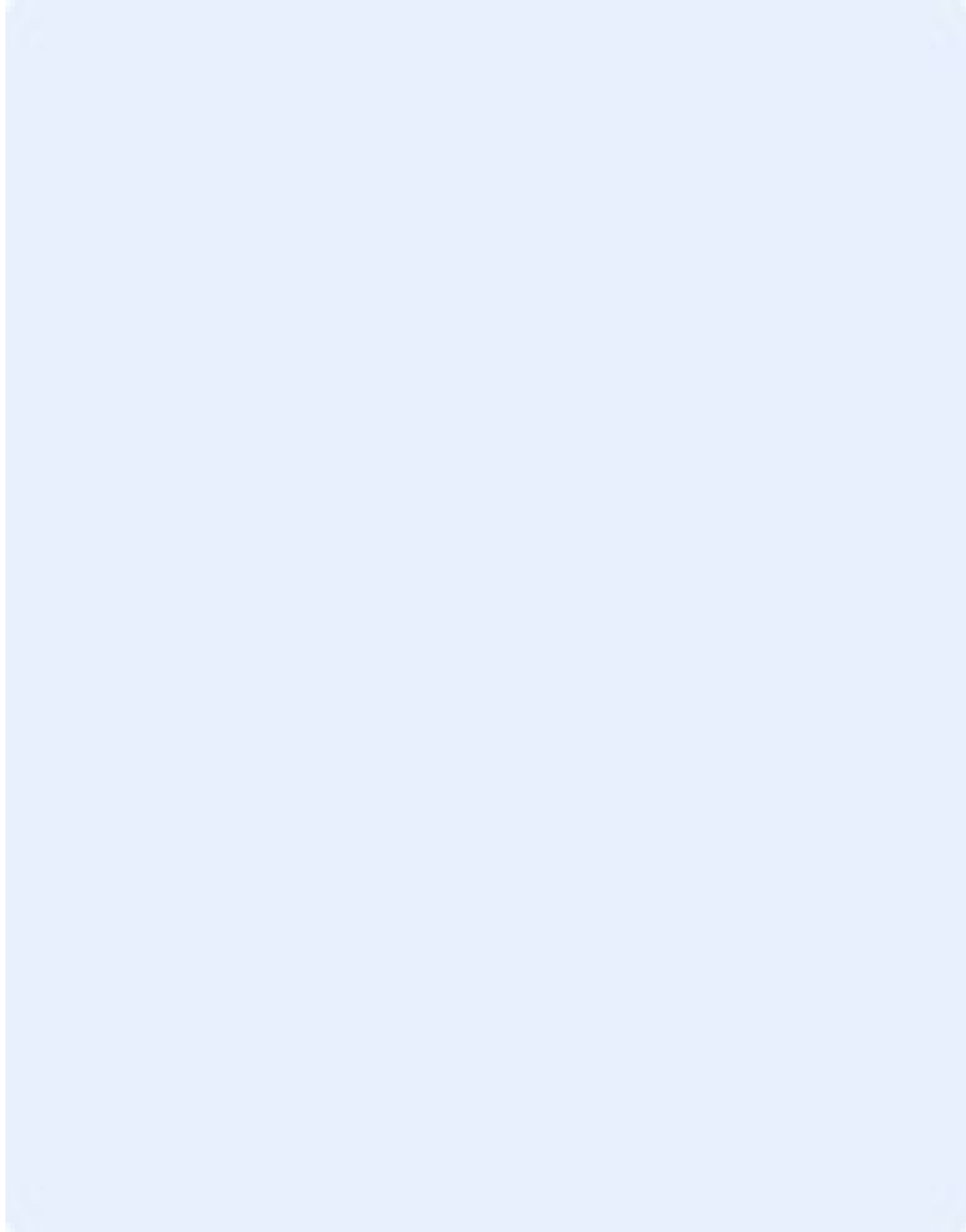
Summary of Priority and Irreplaceable Habitats (BI-B07)

Summarise the details of any priority and irreplaceable habitats located within the project boundary.

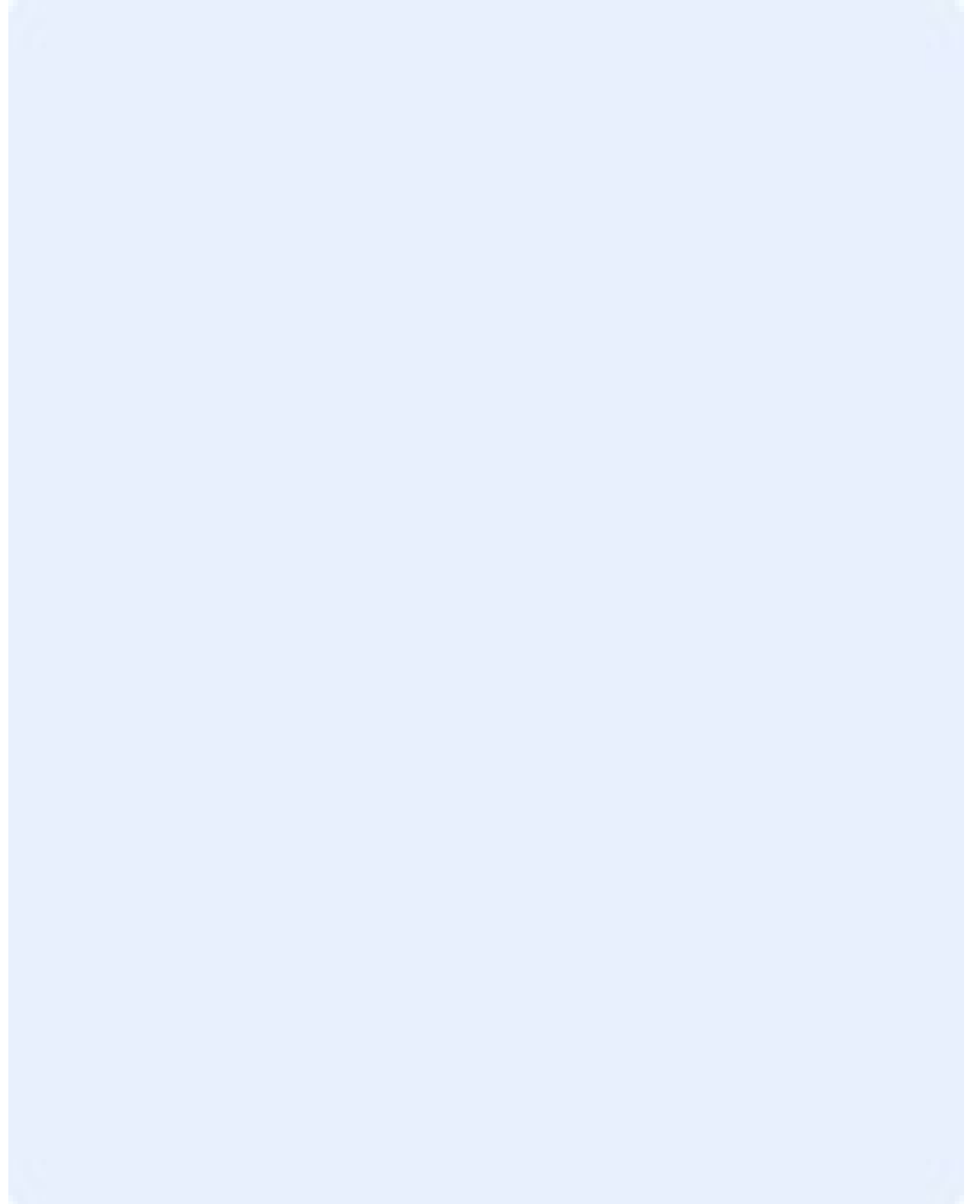
Potential Constraints and Opportunities for Project (BI-B08)

Provide a concise assessment of how the presence of any priority and, or, irreplaceable habitats located within the project boundary result in constraints or opportunities to the habitat retention, enhancement and creation proposals.

Baseline Habitats Plan (BI-F02)

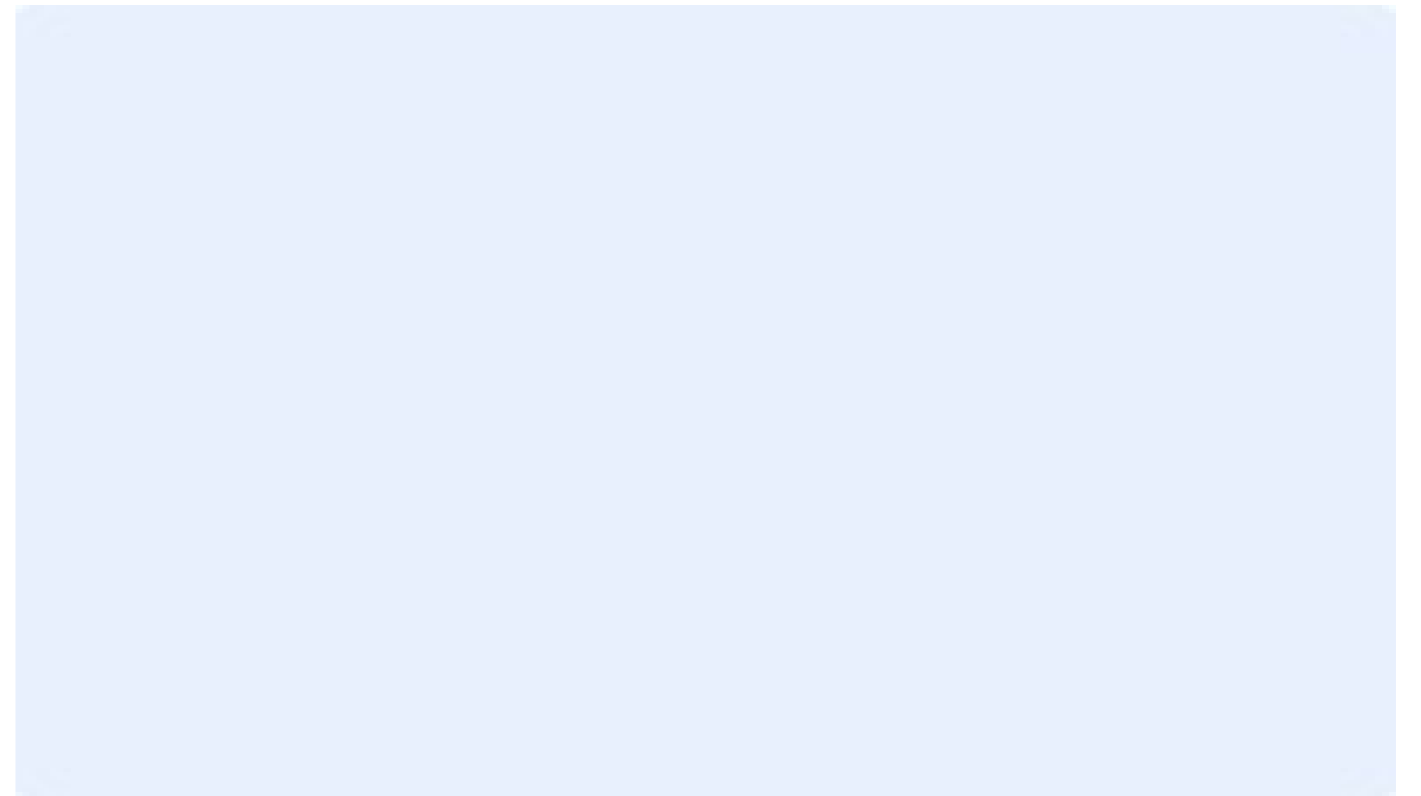
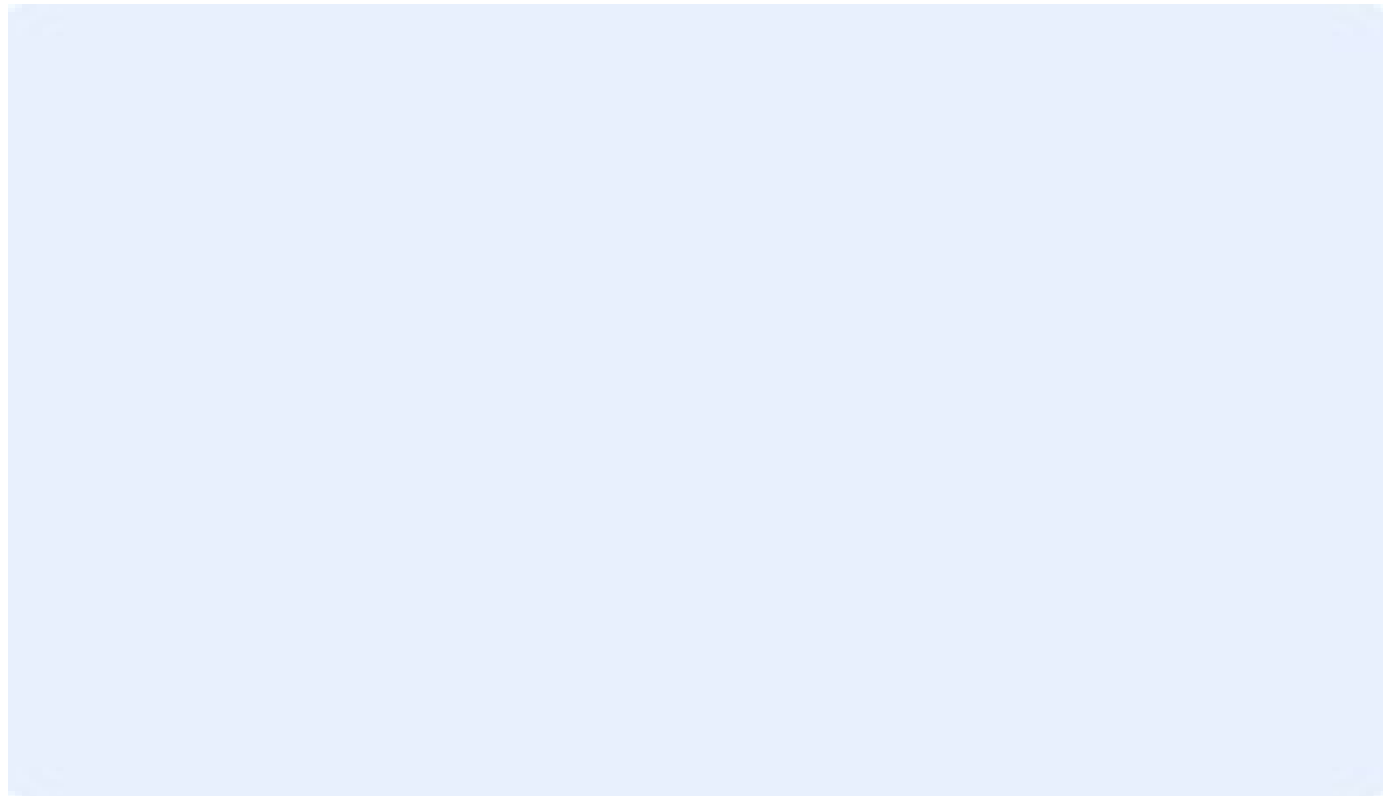
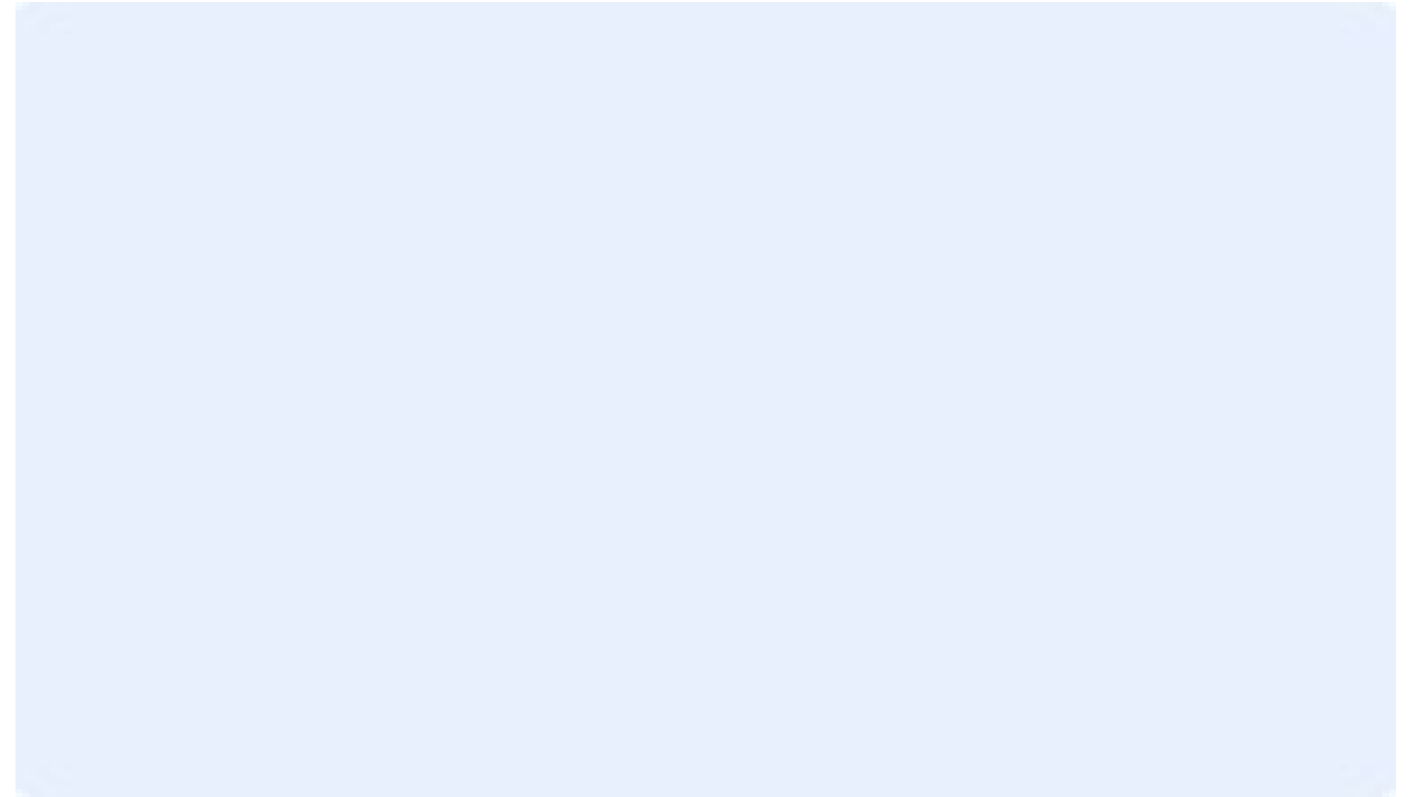
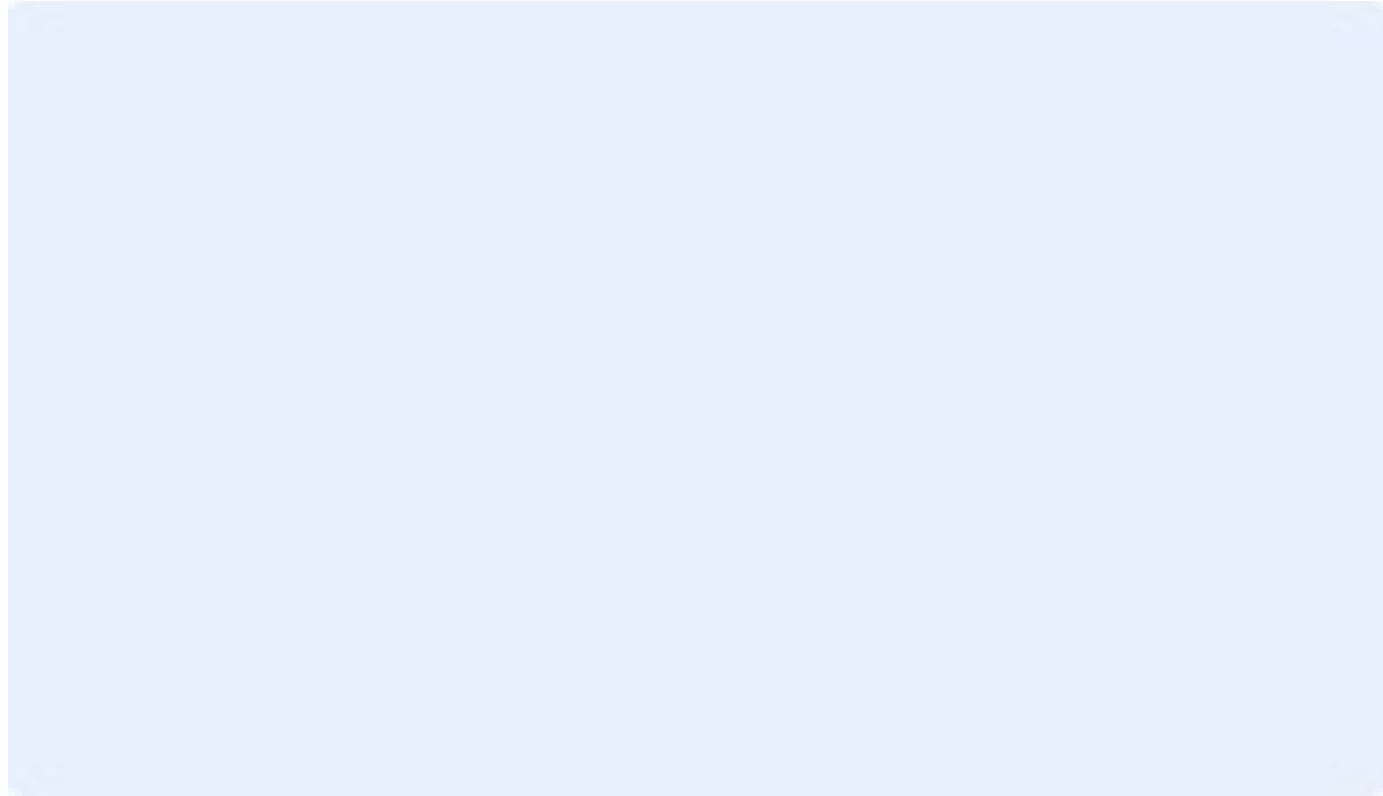


Baseline Distinctiveness and Condition Plan (BI-F03)



Baseline Habitats Photos (BI-F04)

Provide a range of photographs representative of the baseline. Add additional pages for photos as required.



Land Tenure and Public Access

Relevant Land Tenure Information (EI-B01)

Concisely summarise the land ownership for the Site. Will this change throughout the life of the HMMP? If so, how will it change?

Potential Impact to Scheme (EI-B02)

Provide a concise assessment of how land tenure will influence the prescriptions contained within this HMMP.

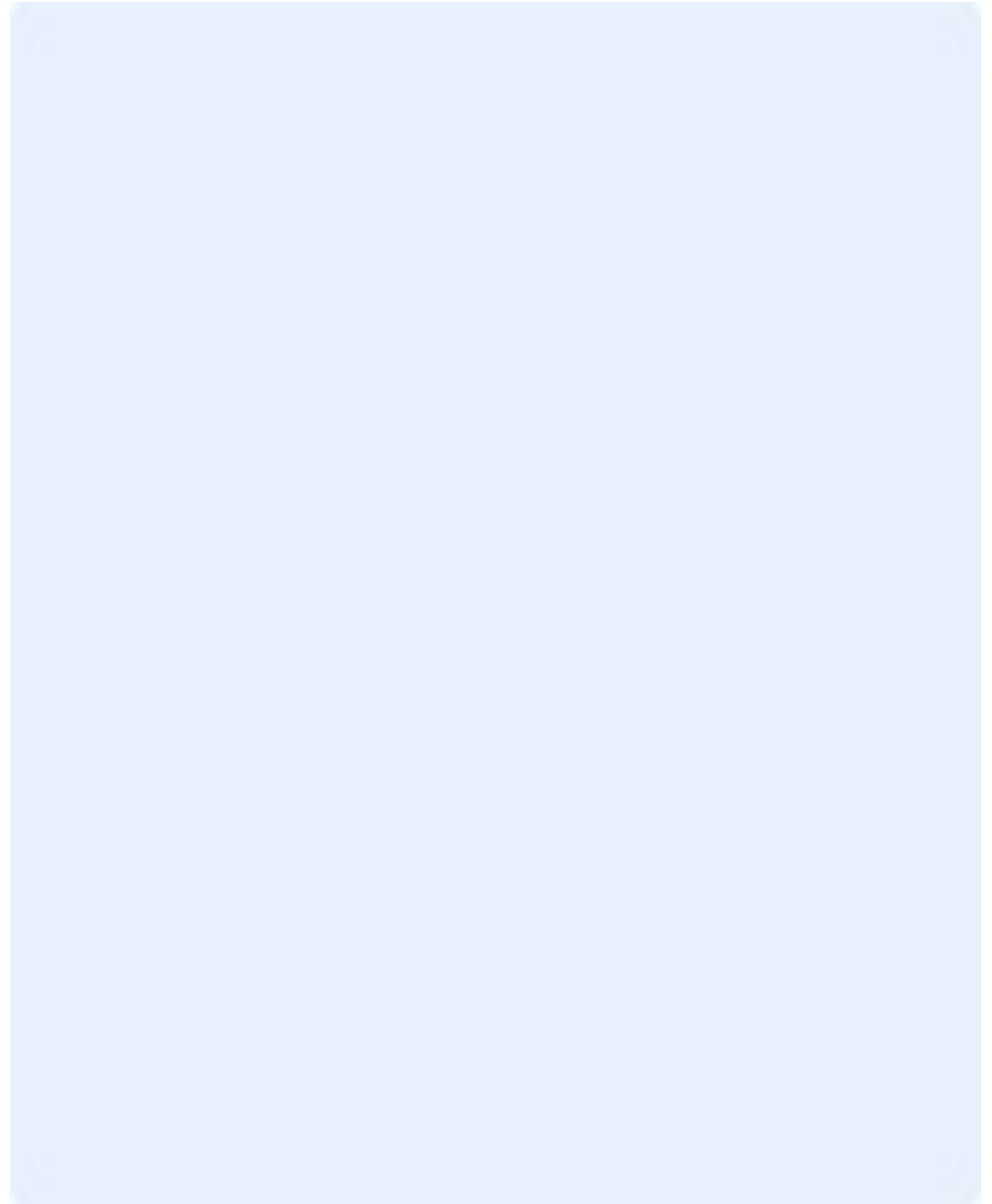
Public Access Information (EI-B03)

Summarise any public access to the Site. Will this change throughout the life of the HMMP? If so, how will it change?

Potential Impact to Scheme (EI-B04)

Provide a concise assessment of how public access will influence the prescriptions contained within this HMMP.

Land Tenure and Public Access Plan (EI-F01)



Climate

Current Climate Information (EI-T01)	
Nearest weather station details	
Days of rain per year	
Average annual rainfall mm	
Average temperature °C	
Highest temperature – Month and temperature °C	
Lowest temperature – Month and temperature °C	
Average annual hours of sunshine	
Sunniest month and average hours of sunshine	
Average number of days with air frost	
Frostiest month and number of days	
Potential impact of current climate on project (EI-B05)	
<p>Provide a concise assessment of how the current climate will influence the habitat retention, enhancement and creation aspirations set out in this HMMP.</p>	

Potential Impact of Climate Change on Proposals (EI-B06)
<p>Provide an overview of how climate change could influence the habitat retention, enhancement and creation aspirations proposed in this HMMP.</p>

Geology and Topography

Geological Information (EI-B07)

Concisely summarise the relevant geological information for the project site, such as the underlying soilscape of the area.

Potential Impact to Scheme (EI-B08)

Provide a concise assessment of how geology will influence the prescriptions contained within this HMMP.

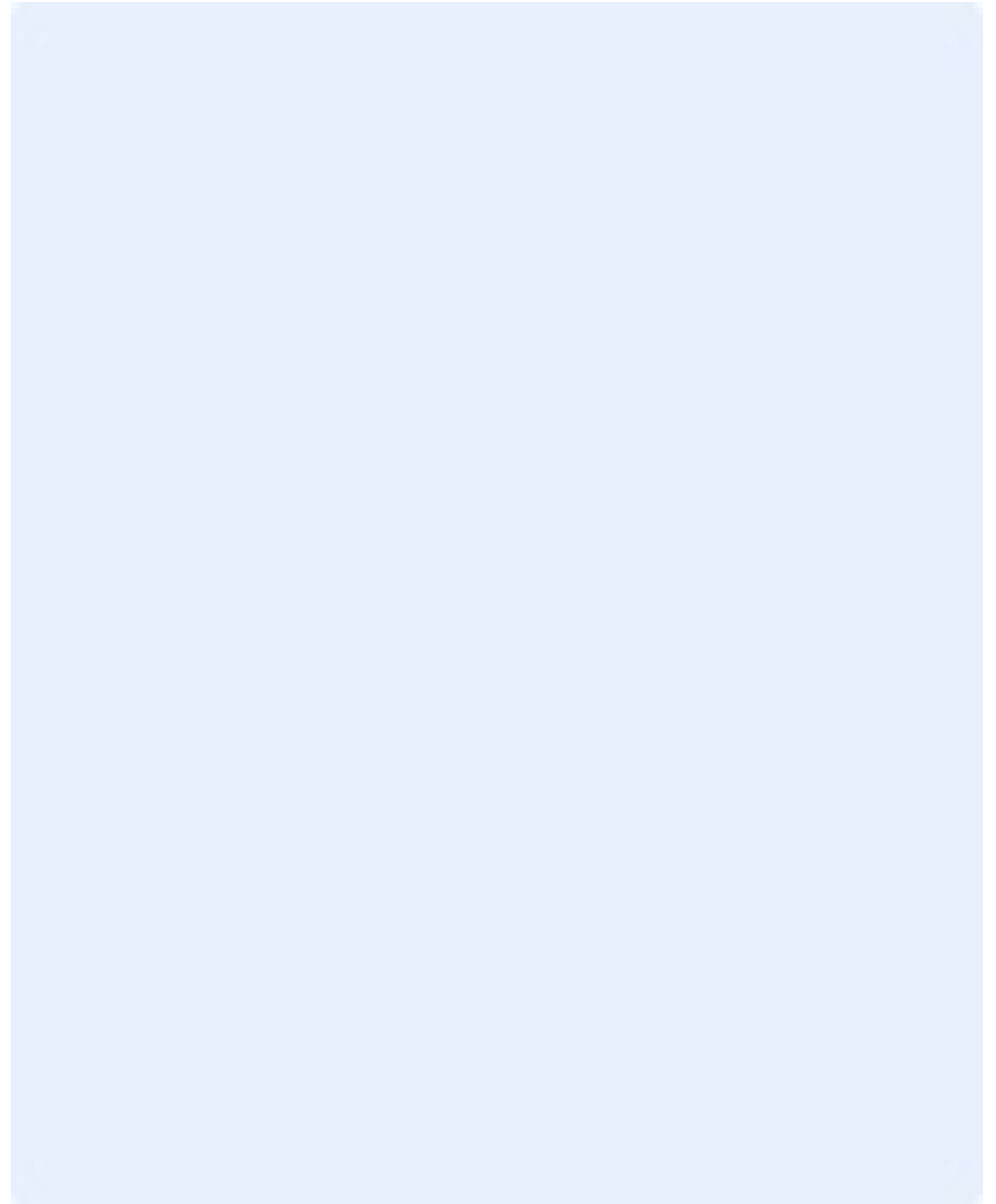
Topography (EI-B09)

Concisely summarise the project site's current and proposed topography.

Potential Impact to Scheme (EI-B10)

Provide a concise assessment of how the project site's current and proposed topography will influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.

Geology and Topography Plan (EI-F02)



Agricultural Land Status

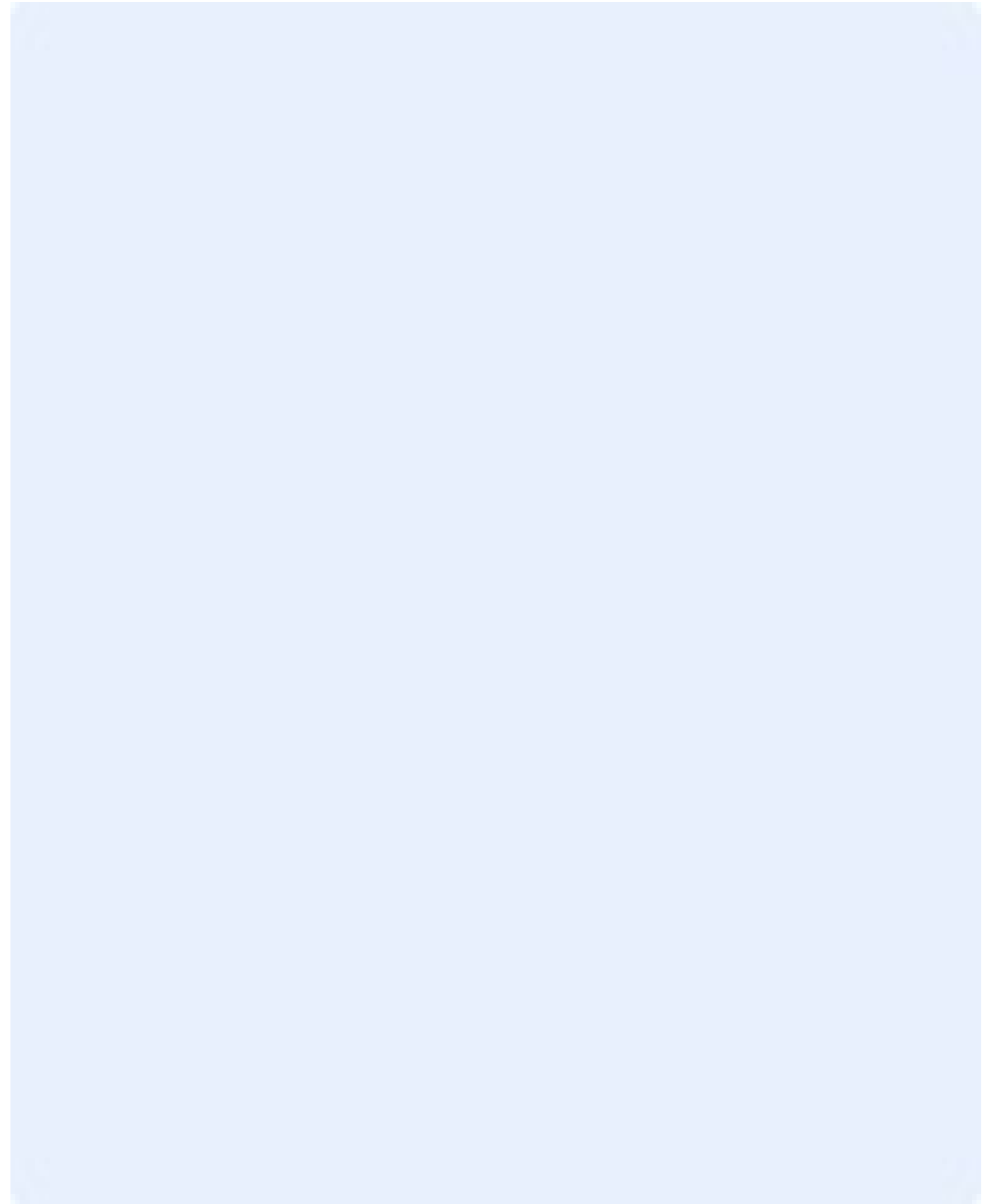
Agricultural Land Status (EI-B11)

Concisely summarise the project site's agricultural land status.

Potential Impact on Project (EI-B12)

Provide a concise assessment of how the project site's agricultural land status will influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.

Agricultural Land Status Plan (EI-F03)



Soils and Substrates (EI-T02)

Provide the results of the soil analysis. Modify the table below to provide the relevant soils information to inform targeted habitat creation proposals.

Parcel Refs	Soil Texture	pH	Nitrogen (N)	Phosphorous (P)	Potassium (K)

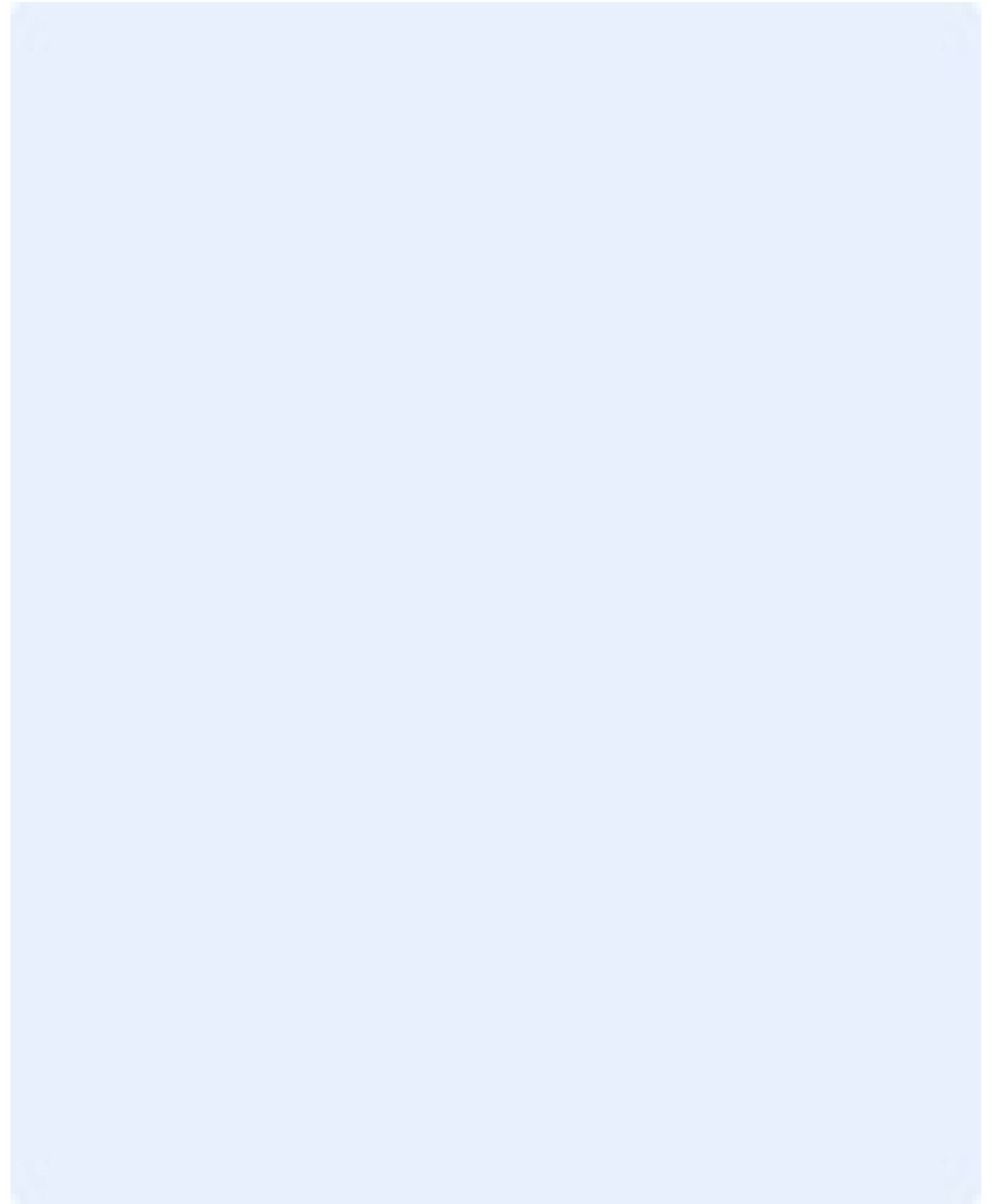
Summary of Soils Information (EI-B13)

Following soil analysis surveys, provide an overview of the soils present on site.

Potential Impact on Project (EI-B14)

Provide a concise assessment of how the soils across the project site will influence the habitat types targeted and the management prescriptions and how this will influence habitat retention, enhancement, and creation.

Soils and Substrate Plan (EI-F04)



Contaminated Land

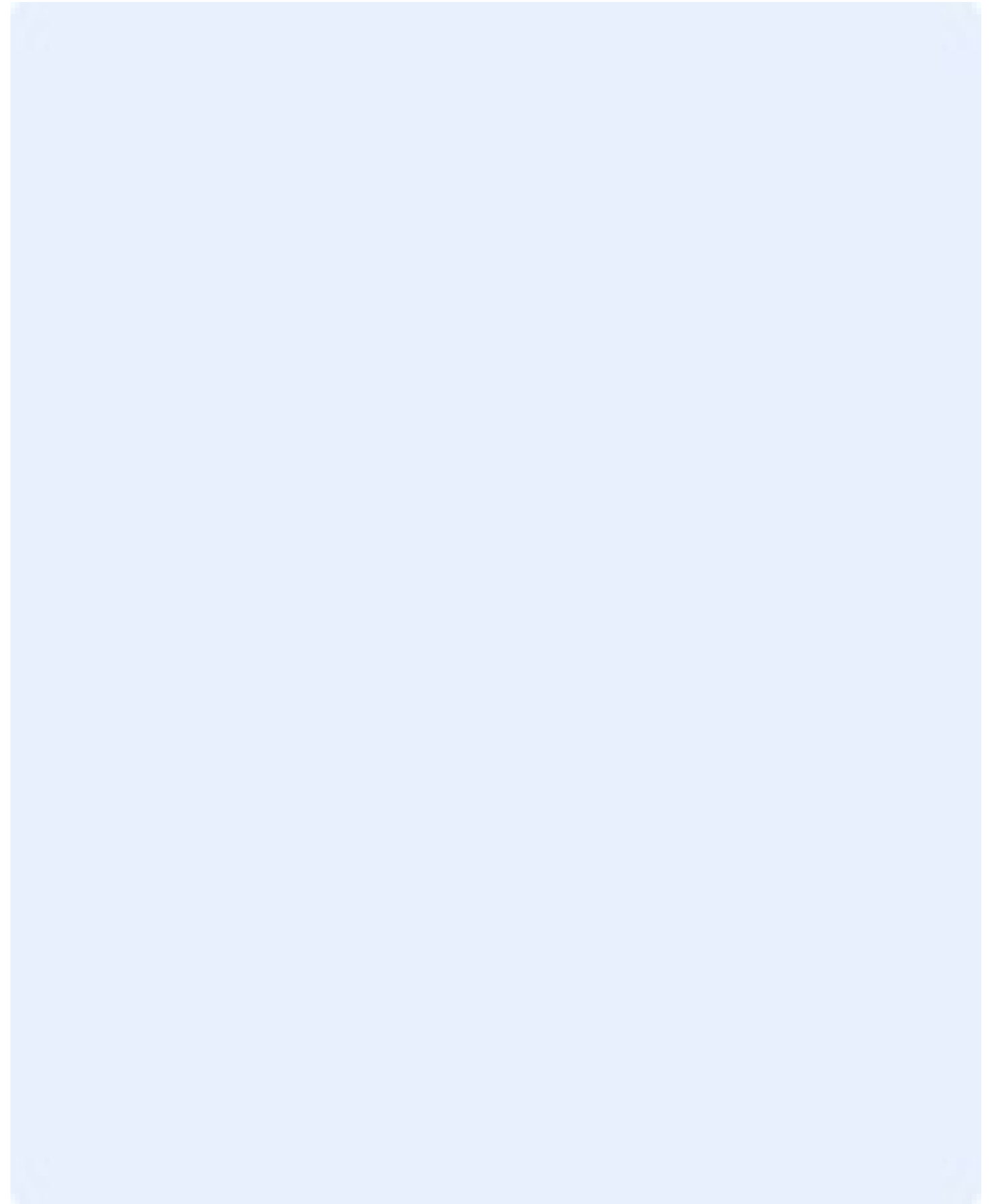
Contaminated Land Information (EI-B15)

Concisely summarise the project site's contaminated land status.

Potential Impact on Project (EI-B16)

Provide a concise assessment of how any contaminated land present will influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.

Contaminated Land Plan (EI-F05)



Hydrology and Drainage

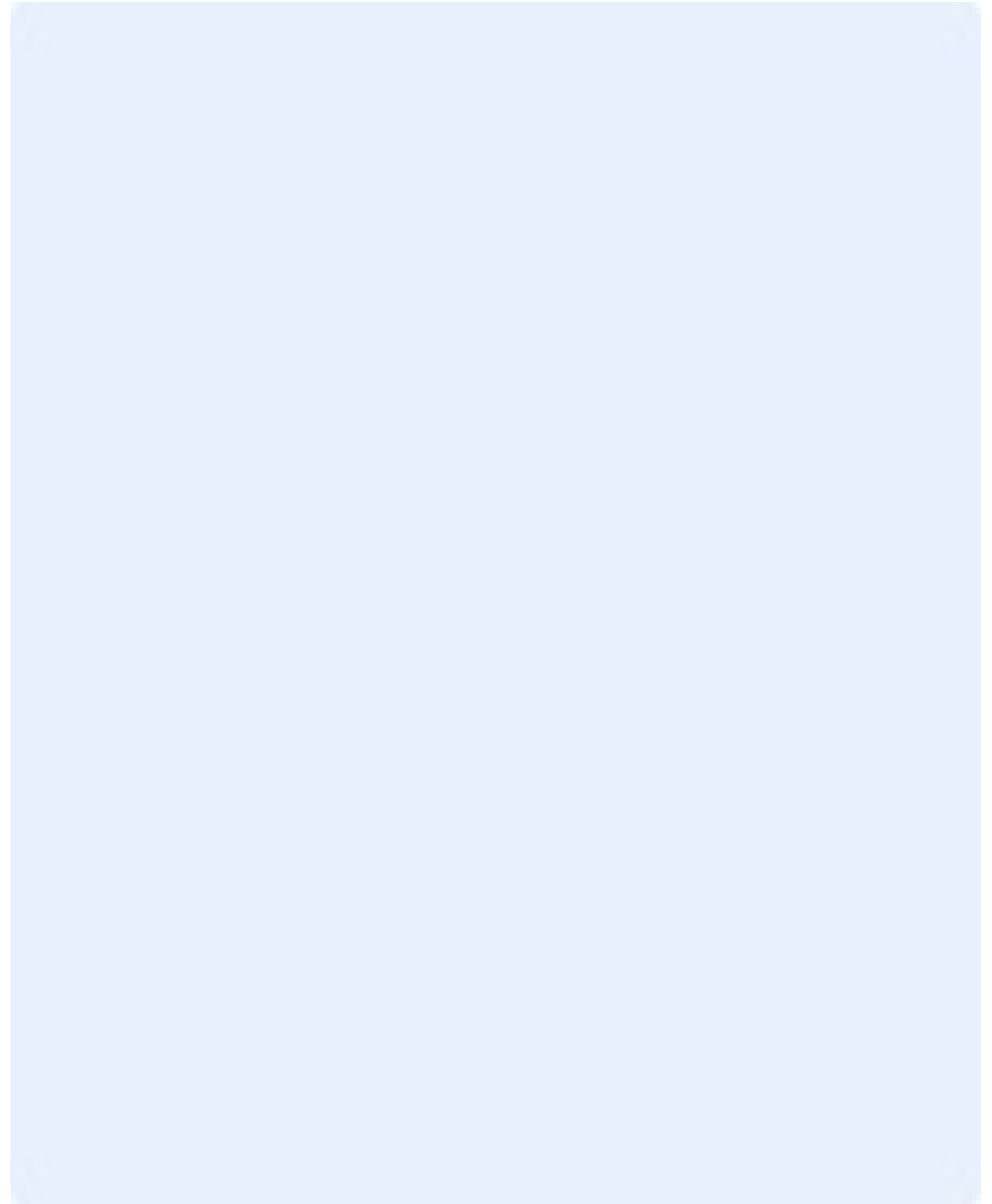
Summary of Hydrological Information (EI-B17)

Provide an overview of the project site's hydrology and a concise summary of any surveys undertaken to inform this.

Potential Impact on Project (EI-B18)

Provide a concise assessment of how the project site's hydrology will influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.

Hydrology and Drainage Plan (EI-F06)



Flood Risk Zones

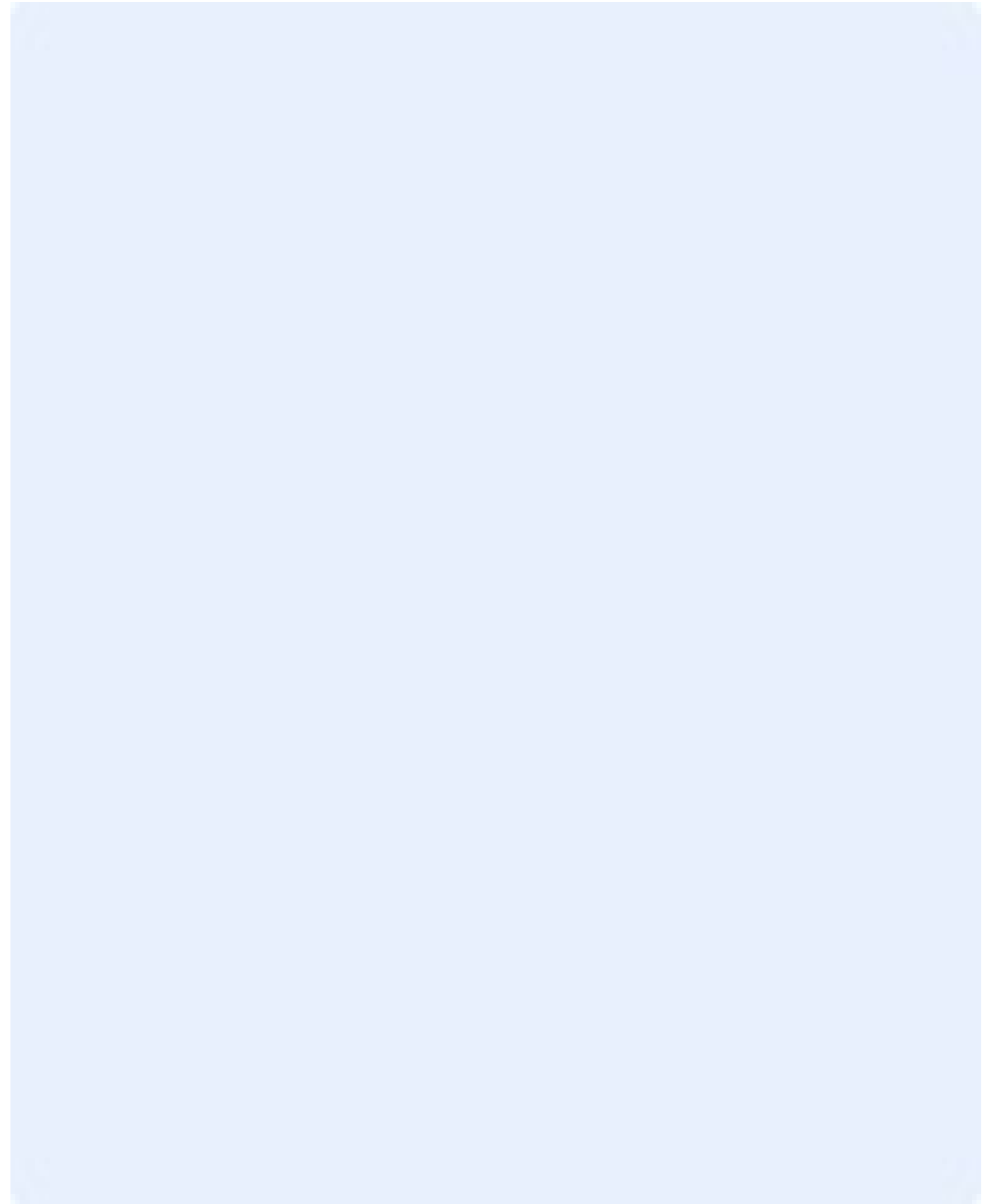
Summary of Flood Risk Information (EI-B19)

Provide an overview description of the flood risk zone that the project site is within and concisely summarise any assessments which have been undertaken to inform this.

Potential Impact on Project (EI-B20)

Provide a concise assessment of how the project site's flood risk will influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.

Flood Risk Zone Plan (EI-F07)



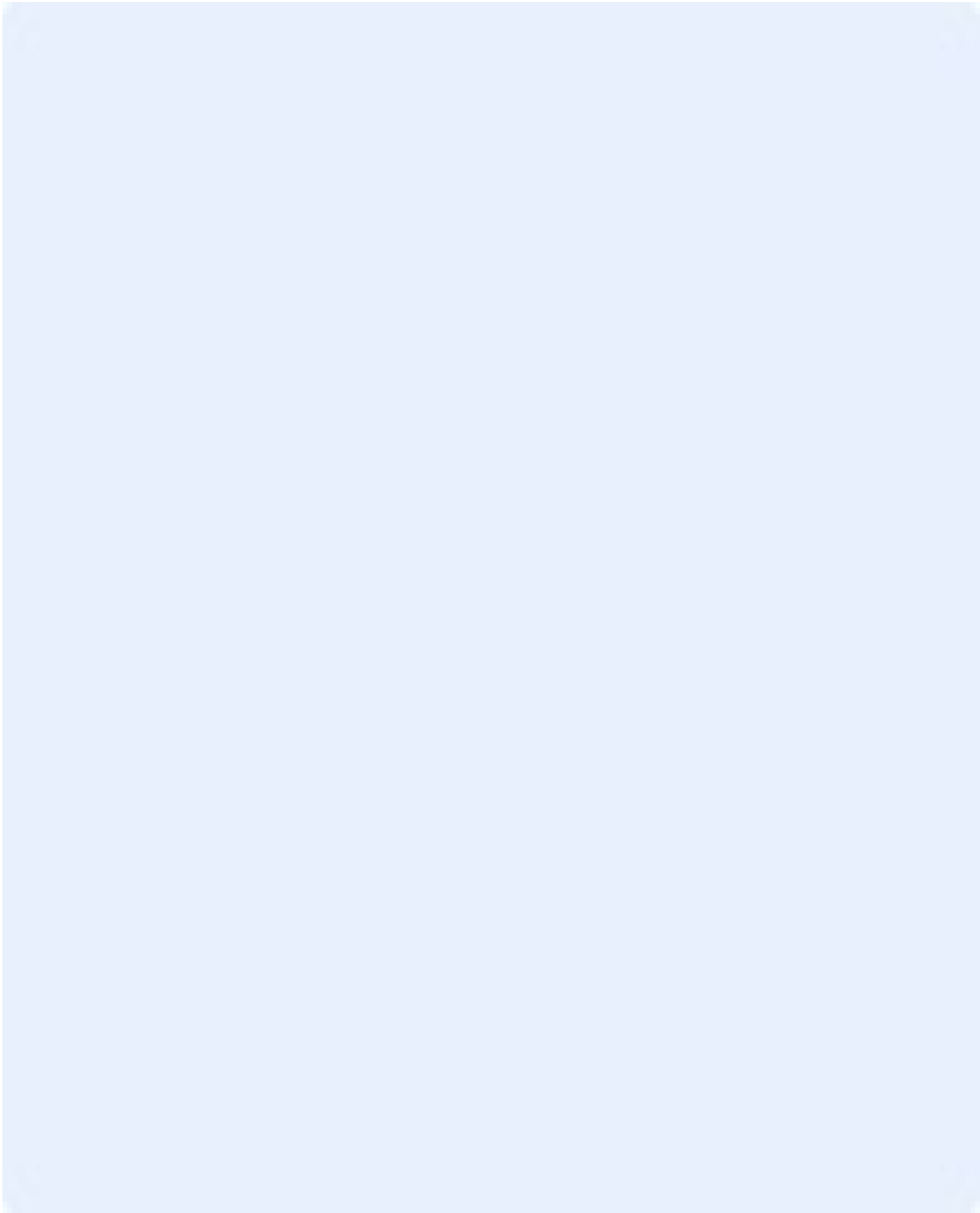
Landscape Character and Designations

Summary of Landscape Character and Designations (EI-B21)

Concisely summarise any relevant landscape character and designations the project site is located in.

Potential Impact on Project (EI-B21)

Provide a concise assessment of how the project site's landscape character and any landscape designations will influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.



Historic Environment and Earth Heritage

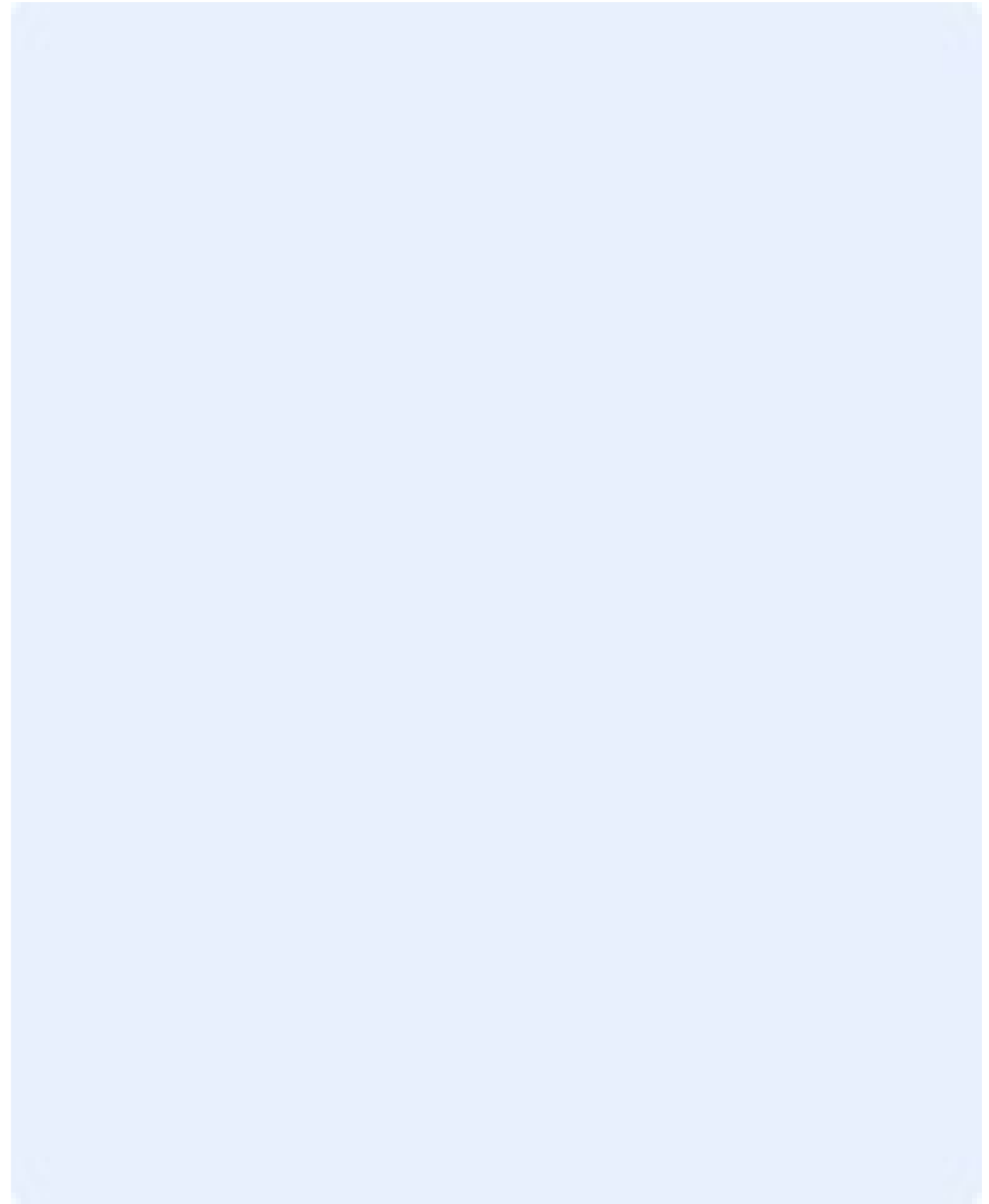
Summary of Historic Environment and Earth Heritage (EI-B22)

Concisely summarise any historic environment and earth heritage information relevant to the project site.

Potential Impact on Project (EI-B23)

Provide a concise assessment of how the project site's historic environment and, or, earth heritage influence the prescriptions contained within this HMMP and how this has guided habitat retention, enhancement and creation.

Historic Environment and Earth Heritage Plan (EI-F09)



Creation, Enhancement and Management Standard Tables

Habitat Creation, Enhancement and Management Plan EM-F01

Show the habitat Creation, Enhancement and Management measures in this plan. Present this as a single, side-wide masterplan. Alternatively, provide a separate plan showing the locations of each specific habitat to be delivered on the project site, copy this page into each of the habitat sheets below.



Individual Trees

Creation, Enhancement and Management Summary (UT-T01)

Provide details of the approach to delivering each of the targeted condition criteria and habitat. Conditions from Statutory Biodiversity Metric habitat condition assessment sheets – Sheet 9. Individual Trees

Target Habitat:		14x Small Rural tree, moderate condition				
Condition Assessment Criteria	Targeted	Relevant Features	Creation Approach	Enhancement Approach	Management Approach	
A	The tree is a native species (or more than 70% within the block are native species).	Yes		Select appropriate native tree species from a locally sourced supply		Trees to be from a locally sourced supplier, with the hole for accepting the tree excavated in advance of the trees to conform to the root size, including some manure at the base. Trees to be supported and protected appropriate to the tree size (tree guard or tree tube, with support from cane or tree stake(s) in line with the planting specification.
B	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	Yes		Manage the individual tree species to develop a well spread canopy in keeping with the selected tree species.		Monitor canopy development with appropriate selective pruning if required. Where possible allow the canopy to develop naturally, deadwood should be retained if possible/ safe.
C	The tree is mature (or more than 50% within the block are mature).					
D	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	Yes		Manage the individual trees to be free from un-natural damage. Where damage occurs the source is identified and immediate action taken to prevent further damage.		Monitor tree condition to detect any negative impacts. Where negative impacts are detected, identify the source and undertake remedial action.
E	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.					
F	More than 20% of the tree canopy area is oversailing vegetation beneath.	Yes		Manage the individual tree species to develop a well spread canopy in keeping with the selected tree species.		Monitor canopy development with appropriate selective pruning if required. Where possible allow the canopy to develop naturally, deadwood should be retained if possible/ safe.

Additional Management Prescriptions (UT-B01)

Tree species to be source from local supplier and planted with appropriate support and protection – advised standard or heavy standard trees to be used with support post and tie.

Use of mulch or mulch mats should be considered

Individual Trees

Creation, Enhancement and Management Detailed Methods (UT-T02)

Provide detailed prescriptions for the creation and management of the habitat.

Action	Relevant Features	Timing	Prescriptions
Planting of 14x Rural Small Tree	On-site	October to March each year	Trees to be pit planted, with the excavated holes also having a small amount of manure in the base of the pit. Trees to be planted and secured with stake and tie
Maintenance of 14x Rural Small Tree	On-site	March to August each year	Planted trees to be supplementary watered during extended periods of dry weather
		July/ August each year	Planted trees to be hand weeded twice a year in years 1 and 2 of establishment; before reducing to once a year in years 3 to 5, then continuing until its judged it is no longer needed

Individual Trees Species Lists (UT-T03)

Provide a detailed species list for the habitat to be created

Common Name	Scientific Name	Abundance / %	Comments
Common Oak	Quercus robur	16	
Mountain Ash	Sorbus aucuparia	28	
Wild Cherry	Prunus avium	28	
Silver Birch	Betula pendula	28	

Other Supporting Information

Supporting Information (UT-B02)
Please use this space to provide any additional information where relevant.

What Does Success Look Like? (UT-F01)

3. Monitoring report tables

Monitoring Plan MT-F01

Use this plan to present the results of monitoring surveys if required. This can be presented as a single, side wite masterplan or can be copied into each of the habitat sheets below to provide a separate plan showing the locations of the specific habitat to be delivered onsite.



Proposed Site Plan - 1:500

Individual Trees

Progress Towards Habitat and Condition Targets (MB-T01)

Condition Assessment Criteria		Targeted?	Relevant parcels	Year:	Management Activity Updates
				Target met?	
Target Habitat:		N/A		Yes / No	Provide details of the actions relevant to this habitat or condition criteria that must be implemented from this monitoring period onwards. What, if any, adaptive management changes will be implemented to continue delivering targets.
A	The tree is a native species (or more than 70% within the block are native species).				
B	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).				
C	The tree is mature (or more than 50% within the block are mature).				
D	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.				
E	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.				
F	More than 20% of the tree canopy area is oversailing vegetation beneath.				

Individual Trees

General Progress

Comments on progress towards project goals (MB-B01)

Blank area for comments on progress towards project goals.

Actions required in next management period (MB-B02)

Blank area for actions required in next management period.

Photographs of Progress (MB-F01)

