

Appendix D: Initial site screening comments

Table 1: Environment Agency Screening Comments - Marlow Weir

High Level Environmental Screening	
Ecological / Wildlife designations	<p><i>European Designations</i></p> <p>Special Area of Conservation:</p> <ul style="list-style-type: none"> - Burnham Beeches – Within 2km - Chilterns Beechwood – Within 2km <p>Special Protection Area: None present</p> <p>Ramsar: None present</p> <p><i>National Designations</i></p> <p>Site of Special Scientific Interest (SSSI):</p> <ul style="list-style-type: none"> - Hollowhill and Pullingshill Woods - Homefield Wood - Bisham Woods - Cock Marsh - Cannoncourt Farm Pit - Fern House Gravel Pit <p>National Nature Reserves: None present</p> <p><i>Local Designations</i></p> <p>Conservation Areas: Marlow Village</p> <p>Local Nature Reserve:</p> <ul style="list-style-type: none"> - Bradnam Wood - Park Wood, Gouldings Wood - Bisham Wood <p>Local Wildlife Sites:</p> <ul style="list-style-type: none"> - Happy Valley, Marlow - Blounts Wood - Bradnam Wood - Park Wood, Gouldings Wood - Marlow Gravel Pitts - Longridge - Wet Meadow by the Thames - Marlow Low Grounds - Arable Field adj. to Little House Field - All Saints Churchyard, Marlow - The Heights, Marlow - Pens Place Ditch - The Islands, Cookham Dean <p>Ancient Woodland:</p> <ul style="list-style-type: none"> - Hardings Grove <p>Blounts Wood</p>
Countryside area designations	Thames Path National Trail runs along the left bank
Statutory and Non-statutory Registers	<p><i>Statutory</i></p> <p><i>Non-statutory</i></p> <ul style="list-style-type: none"> - Marlow Village Conservation area <p>Adjacent to Bisham Conservation area.</p>
Other features	None identified

Landscape And Visual	<p>The site is adjacent to Bisham Conservation Area (Royal Borough of Windsor and Maidenhead) and it is within Marlow Conservation Area (Wycombe District Council). These must be considered when making alterations to any structures within these conservation areas.</p> <p>The weir is considered to be an aesthetically pleasing structure in a visually sensitive location and the hydropower scheme will potentially have adverse landscape and visual impacts of moderate significance, these will need to be considered.</p>
Local Authority / County Council	<p>The middle of the weir channel is the dividing line between two councils, therefore the weir is divided within two different authorities:</p> <ul style="list-style-type: none"> - Royal Borough of Windsor and Maidenhead - Buckinghamshire County Council (Wycombe District Council) <p>Marlow Lock itself is within:</p> <ul style="list-style-type: none"> - Buckinghamshire County Council (Wycombe District Council)
Archaeology	<p>There are none of the following designations within the immediate area of Marlow Weir:</p> <ul style="list-style-type: none"> - World Heritage Sites - Scheduled Ancient Monuments - Registered Parks and Gardens <p>There are various listed buildings within the vicinity of Marlow Weir.</p> <p>The Thames Heritage Audit notes: Middle Thames lock and weir group in fine townscape setting (a Conservation Area) with long sweep of weir forming visual group with Marlow Bridge and historic riverside buildings. The 1825 lock has undergone major repairs and at least partial rebuilds at several dates in the 19thC & 20thC. Note archaeological potential of old lock chamber and site of earlier lock house. Weirs, including 1940s tilt and hand radials, maintain pattern of original weirs.</p> <p>The setting and impact on character will need to be considered. The site has a long history of locks and weirs and early structural elements may survive within the channel.</p>
Biodiversity	Protected species known to be in this area include Salmon, Bullhead, Bats and European Eel. There is the possibility for presence of other species.
Fisheries	Any development must be shown to have no impact on fish passage around the site and the impact on fish passage must be assessed. It is a popular recreational fishery area.
Other Issues	Water Framework Directive - Marlow Weir is within the River Thames (Reading to Cookham, GB 106039023233) waterbody which is heavily modified.

Table 2: Environment Agency Screening Comments - Boveney Weir

High Level Environmental Screening	
Ecological / Wildlife designations	<p><i>European Designations</i></p> <p>Special Area of Conservation: None present</p> <p>Special Protection Area: None present</p> <p>Ramsar: None present</p> <p><i>National Designations</i></p> <p>Site of Special Scientific Interest (SSSI): None present</p> <p>National Nature Reserves: None present</p> <p><i>Local Designations</i></p> <p>Conservation Areas: None present</p> <p>Local Nature Reserve:</p> <ul style="list-style-type: none"> - Sutherland Grange <p>Local Wildlife Sites:</p> <ul style="list-style-type: none"> - Dorney Common - Sutherland Grange - East Clewer - Alotment Field Eton <p>Ancient Woodland: None present</p>
Countryside area designations	Thames Path National Trail runs along the left bank
Statutory and Non-statutory Registers	None identified
Other features	None identified
Landscape And Visual	<p>The site is not in a conservation area but is near to Boveney conservation area (South Bucks District Council). This must be considered when making alterations to any structures.</p> <p>The weir is considered to be an aesthetically pleasing structure in a visually sensitive location and the hydropower scheme will potentially have adverse landscape and visual impacts of moderate significance, these will need to be considered.</p>
Local Authority / County Council	<p>The middle of the weir channel is the dividing line between two councils, therefore the weir is divided within two different authorities:</p> <ul style="list-style-type: none"> - Royal Borough of Windsor and Maidenhead - Buckinghamshire County Council (South Bucks District Council) <p>Boveney Lock itself is within:</p> <ul style="list-style-type: none"> - Buckinghamshire County Council (South District Council)
Archaeology	<p>There are none of the following designations within the immediate area of Boveney Weir:</p> <ul style="list-style-type: none"> - World Heritage Sites - Scheduled Ancient Monuments - Registered Parks and Gardens <p>There are various listed buildings within the vicinity of the access to</p>

	<p>Boveney Weir and lock complex.</p> <p>The Thames Heritage Audit notes: The broad layout at Boveney is of the 1898-1913 lock and weir construction, and includes a fine Edwardian lock house, although the hydraulic lock and the weir structures are of predominantly 1980s fabric. The site of the earlier lock has been reused for a boat-slide. Management of the site should allow for retention and/or investigation of possible earlier buried features – hence archaeological monitoring of any future disturbance of these features plus the lock chamber. The 1902 lock house is a very prominent and distinctive feature - its retention is desirable and repairs should respect (and where possible re-instate) original features.</p> <p>The setting and impact on character will need to be considered. The site has a long history of locks and weirs and early structural elements may survive within the channel.</p>
Biodiversity	Protected species present in this area include, Greater Water Parsnip, Salmon, European Eels, Depressed River Mussel and Water Hemlock. There is the possibility for presence of other species.
Fisheries	Any development must be shown to have no impact on fish or eel passage around the site and the impact on fish and eel passage must be assessed. It is a popular recreational fishery area.
Other Issues	Water Framework Directive - Boveney Weir is within the River Thames (Cookham to Egham, GB 106039023231) waterbody which is heavily modified.

Table 3: Environment Agency Screening Comments - Boulters Weir

High Level Environmental Screening	
Ecological / Wildlife designations	<p><i>European Designations</i></p> <p>Special Conservation Area: None present</p> <p>Special Protection Area: None present</p> <p>Ramsar: None Present</p> <p><i>National Designations</i></p> <p>Site of Special Scientific Interest (SSSI):</p> <ul style="list-style-type: none"> - South Lodge Pit <p>National Nature Reserves: None Present</p> <p><i>Local Designations</i></p> <p>Conservation Areas:</p> <ul style="list-style-type: none"> - Adjacent to Maidenhead Riverside Conservation Area (Royal Borough of Windsor and Maidenhead) <p>Local Nature Reserve: None Present</p> <p>Local Wildlife Sites:</p> <ul style="list-style-type: none"> - Maypole Hill - Summerleaze gravel pit - Wildbrook Common - Amerden Gravel Pits - Grenway Corridor - St Nicholas' Churchyard <p>Ancient Woodland:</p> <p>Hunts Wood</p>
Countryside area designations	Thames Path National Trail runs adjacent to the site and this will need to be taken into consideration.
Statutory and Non-statutory Registers	<p><i>Statutory</i></p> <p><i>Non-statutory</i></p> <ul style="list-style-type: none"> - No Registered parks and gardens <p>Adjacent to Maidenhead Riverside Conservation area.</p>
Other features	None identified
Landscape And Visual	<p>The site is adjacent to Maidenhead Riverside Conservation Area (Royal Borough of Windsor and Maidenhead). This must be considered when making alterations to any structures within the conservation area.</p> <p>The weir is considered to be an aesthetically pleasing structure in a visually sensitive location and the hydropower scheme will potentially have adverse landscape and visual impacts of moderate significance, these will need to be considered.</p>
Local Authority / County Council	<p>The middle of the weir channel is the dividing line between two councils, therefore the weir is divided within two different authorities:</p> <ul style="list-style-type: none"> - Royal Borough of Windsor and Maidenhead - Buckinghamshire County Council (South Bucks District Council) <p>Boulters Lock itself is within:</p> <ul style="list-style-type: none"> - Royal Borough of Windsor and Maidenhead

Archaeology	<p>There are none of the following designations within the immediate area of Boulters Weir:</p> <ul style="list-style-type: none"> - World Heritage Sites <p>There are however the following designations present in the area:</p> <ul style="list-style-type: none"> - Scheduled Ancient Monuments (Saxon Barrow church and cemetaries) - Registered parks and gardens - Listed buildings <p>The Thames Heritage Audit notes: This is a visually distinctive lock site that is part of a wider group of buildings and features. The lock is broadly the form of the 1912 rebuild but with the visible fabric dating mainly from 1983 on. Notable features include the modified 1874 lock house and lock office and the stone bridge (that replaced an earlier bridge in 1912) over the tail of the lock and the 1912 boat slide. The 1772 lock site was not investigated (map work shows site under Taplow Paper Mills).</p> <p>The setting and impact on character will need to be considered. The site has a long history of locks and weirs and early structural elements may survive within the channel.</p>
Biodiversity	Protected species present in the area include, European Eel, Salmon, Depressed River Mussel and Bullhead. There is the possibility for presence of other species in this area.
Fisheries	<p>Any development must be shown to have no impact on fish or eel passage around the site and the impact on fish/eel passage must be assessed. It is a popular recreational fishery area.</p> <p>EELS.</p>
Other Issues	Water Framework Directive - Boulters Weir is within the River Thames (Cookham to Egham, GB 106039023231) waterbody which is heavily modified.