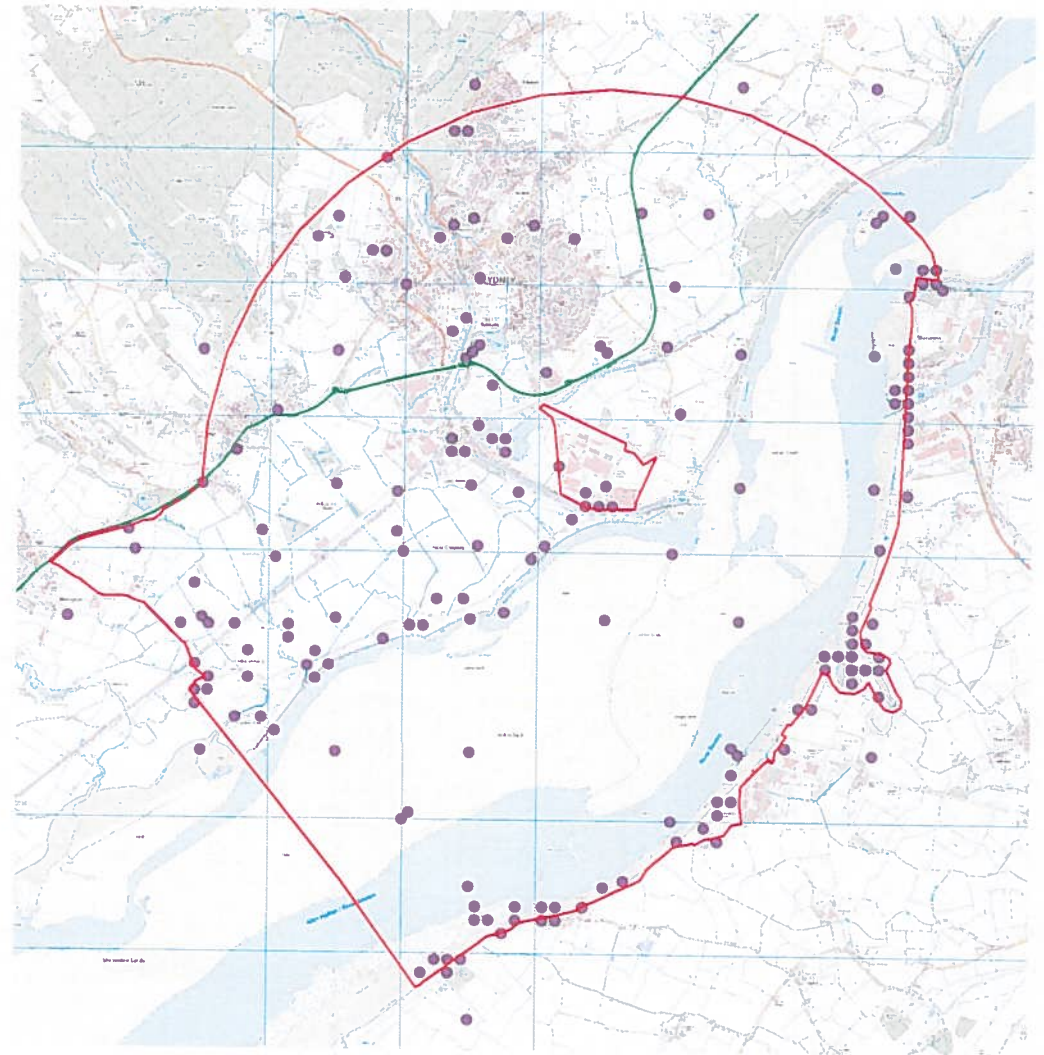
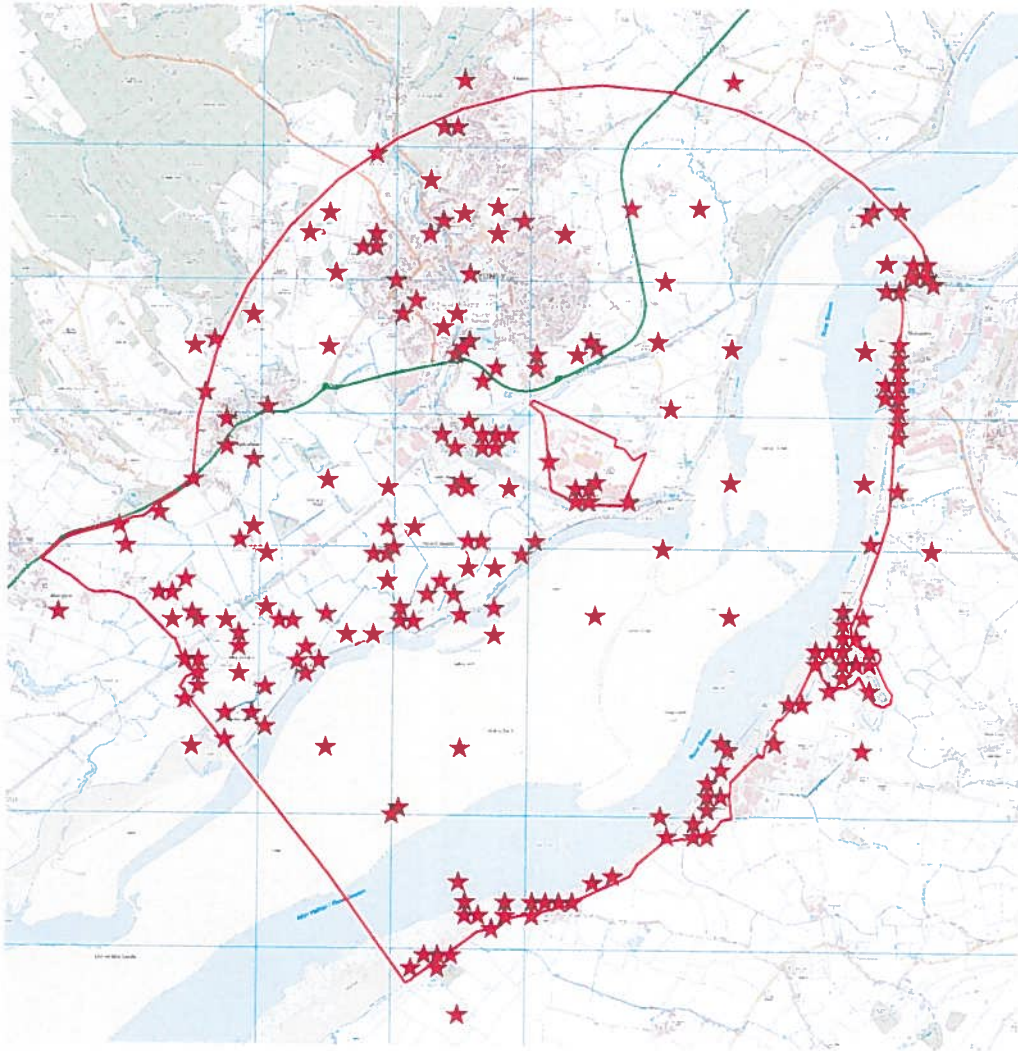





Severn Estuary SAC, SPA, Ramsar APPENDICIES

Appendix 1i – Lydney Allocations study area

Lydney allocation map study area:
Distribution of species records for birds and rare/protected species

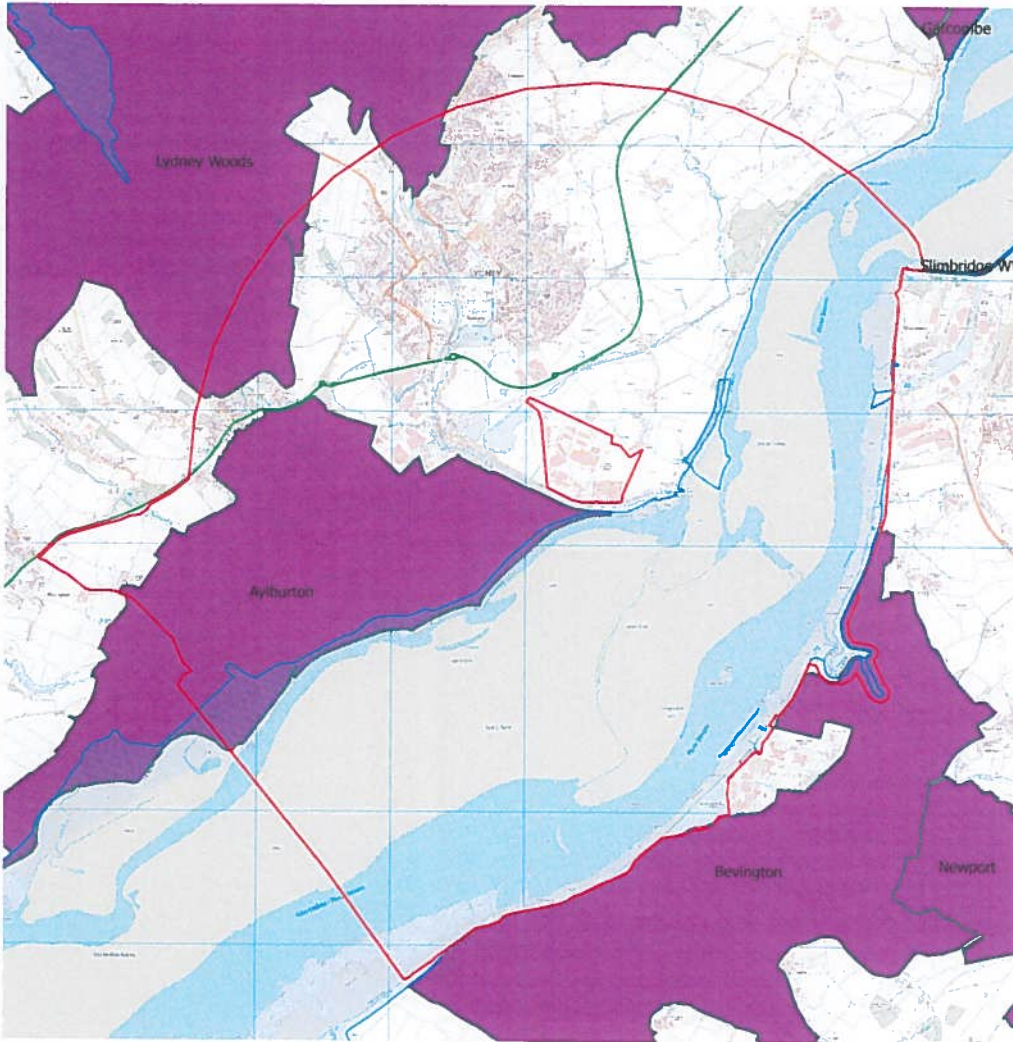


-  Search area for Lydney allocation
-  Rare and protected species record locations
-  Bird record locations

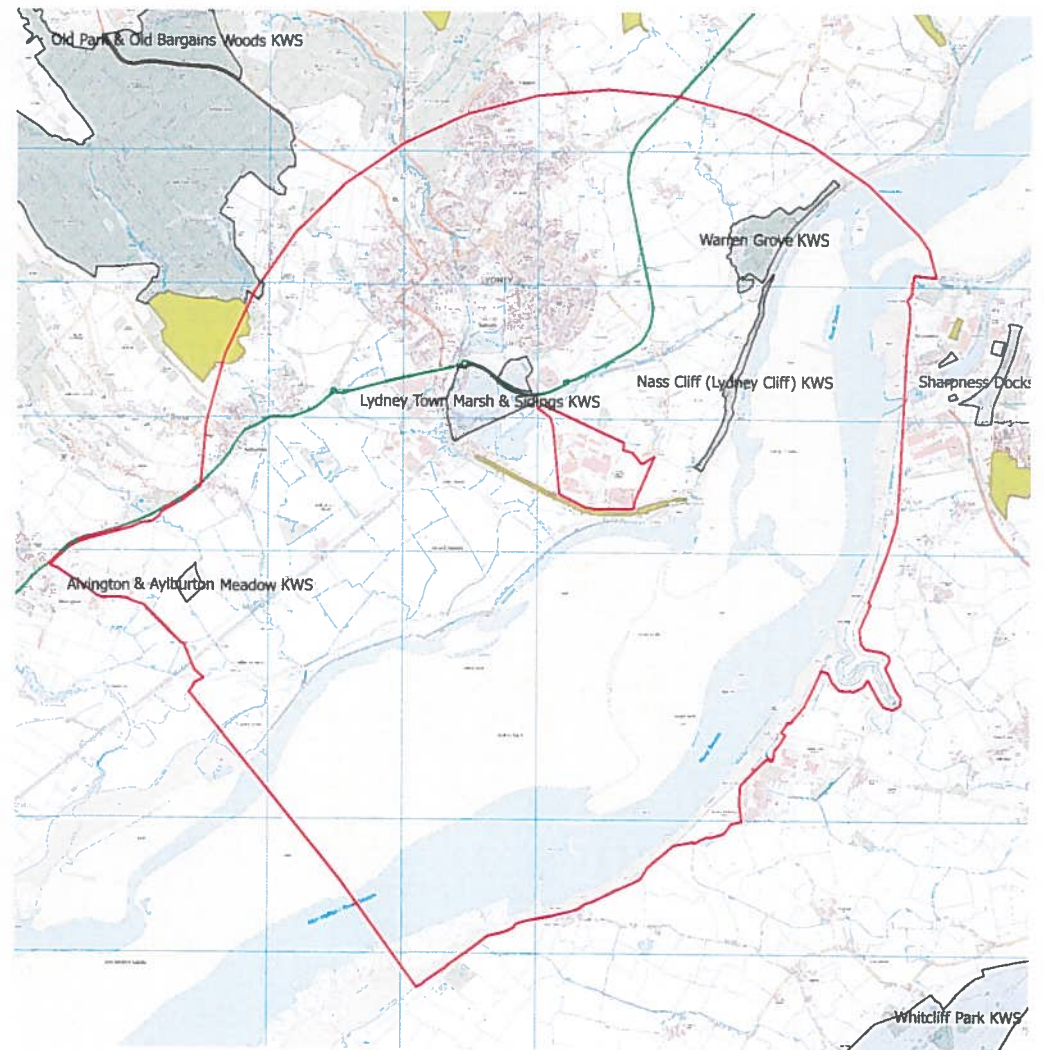


Appendix 1ii – Lydney SNA & Designations map

Lydney allocation map study area:
Search area and designations



- Search area for Lydney allocation
- Severn Estuary SAC, Ramsar Site, SPA, SSSI
- Gloucestershire Nature Map Strategic Nature Areas
- Key Wildlife Sites
- Unconfirmed sites



Appendix 2 – Lydney SNA

SNA unique number: 62 **SNA name:** Aylburton **SNA area (ha):** 678

National Character Area: Severn and Avon Vales

Landscape character: North end of the SNA is Drained Riverine Farmland and Grazed Salt Marsh, southern end is Unwooded Vale

Geology and soils: Quaternary silty clay tidal flat and gravel river terrace deposits overlaying Mudstone from the Triassic and Sandstone from the Lower Devonian. Predominantly loamy and clayey soils of coastal flats with naturally high groundwater with an area of loamy and clayey floodplain soil with naturally high groundwater to the north of the SNA.

Geodiversity: To be determined

Access: There is relatively little public access, particularly to the river side of the railway

Archaeology: Much of the area contains archaeology, including a Roman Villa.

Biodiversity: Lead Priority Habitat: Wet Grassland (as part of Coastal and Floodplain Grazing Marsh)

Around a sixth of this SNA is covered by the Severn Estuary SSSI, SPA and Ramsar (all coincident). There is one KWS designated for its bird interest, Alvington & Aylburton Meadow.

Priority Species: Brown Hare, Water Vole, Reed Bunting, Farmland Birds, Curlew, Herring gull, True Fox Sedge, Bewick Swan, Bats, Great Crested Newt and Starling

Targets, opportunities and constraints:

SNA targets	
Land use	Hectares (ha)
Lowland Meadows	203.40
Other semi-natural habitat	203.40
Other land use	271.20

1. *Lowland Meadows - management, restoration and creation*
2. *Coastal and Floodplain Grazing Marsh - management, restoration and creation*
3. *Coastal Saltmarsh - management*
4. *Intertidal Mudflats - creation*
5. *Wet Woodland - creation*
6. *Reedbed - creation*
7. *Ponds - management, restoration and creation (particularly of pond complexes)*
8. *Hedgerows - management and restoration*
9. *Lowland Mixed Deciduous Woodland - management*

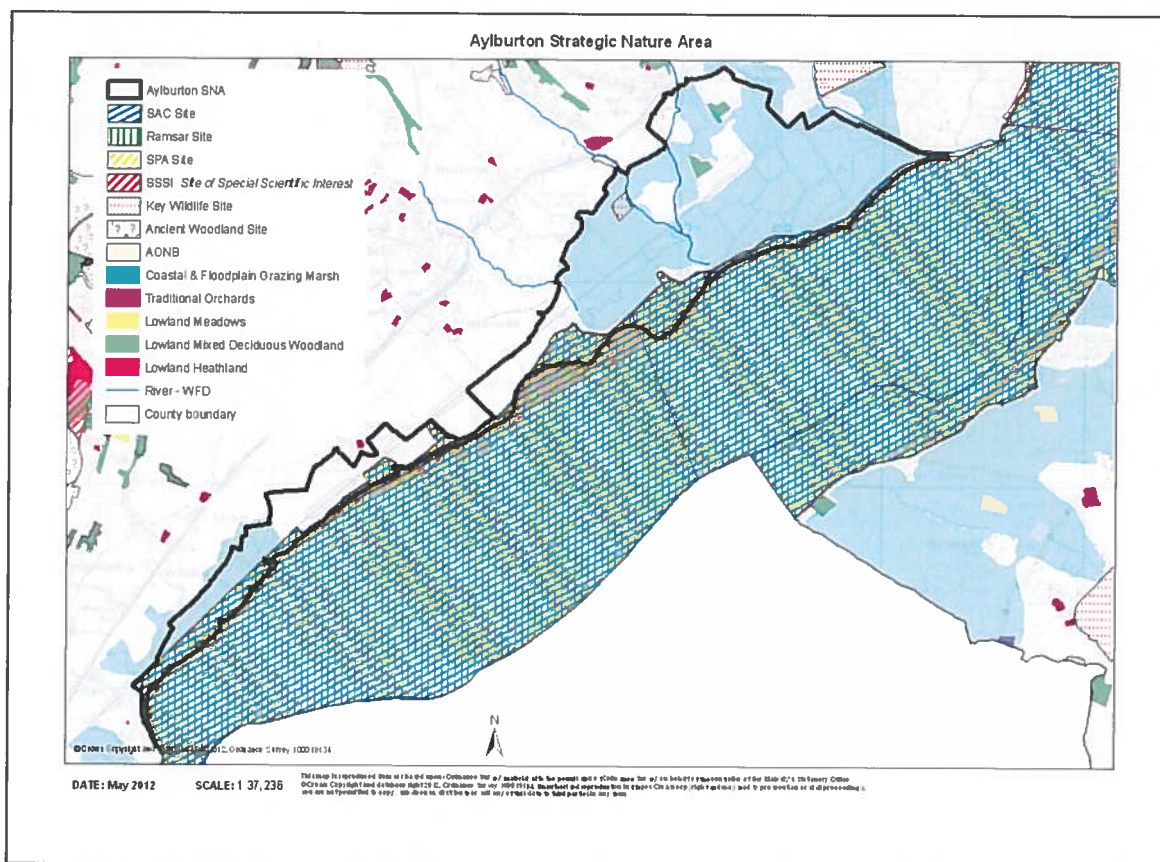
The ALC is very mixed, ranging from grades 2 to 5, with almost 90% of the soils being impermeable. Over half the land is grassland, of which around 7% is unimproved. Parts of the northern section are currently in ELS whilst some areas have just finished being in CSS, the extreme southern tip is also in CSS.

The SSSI in unfavourable condition and a HLS application aiming to restore SSSI/SAC/SPA to favourable condition would be given high priority, especially relating to salt marsh grazing and creation of intertidal mud.

The woodland is already in the Woodland Grant Scheme.

There are very few hedgerows to the northern end of the SNA, making it ideal for breeding waders and the northern section of the SNA is also well covered by a wet ditch network. There are no powerlines near this SNA, which is favourable for waders and wildfowl.

Delivery Mechanisms: Current delivery is through HLS, Severn Vale Living Landscape project, and Green Infrastructure Plan e.g. developer contributions.



Appendix 3 – Lydney Harbour Photographs

Appendix 3 Photographs of the Lydney Harbour area



1. View from car park to docks and estuary. Canal basin and harbour area are at a lower level than surrounding land.



2. Canal basin is set below raised railway embankment and hidden from estuary



3. Expansive views of estuary from dock edge



4. Views from lock gates across estuary



5. View south from lock gates to the Severn Crossings about 20km distant



6. View north from lock gates towards Sharpness



7. Expansive views to south also seen from southern end of disused railway trackbed



8. From Lydney Harbour Footpath and Picnic site across the Estuary



9. Lydney Harbour picnic Site and northern end of Harbour Area looking towards estuary



10. From footpath across sea wall looking south towards New Grounds and Estuary (after this point the footpath is within hedges to both sides)



11. Existing footpath on railway track looking north-west, tree and hedge cover on both sides.



12. Gap in hedge taken from footpath on disused railway towards sea wall and estuary



13. Gap hedge on disused railway track footpath across New Grounds to Sea Wall and estuary.



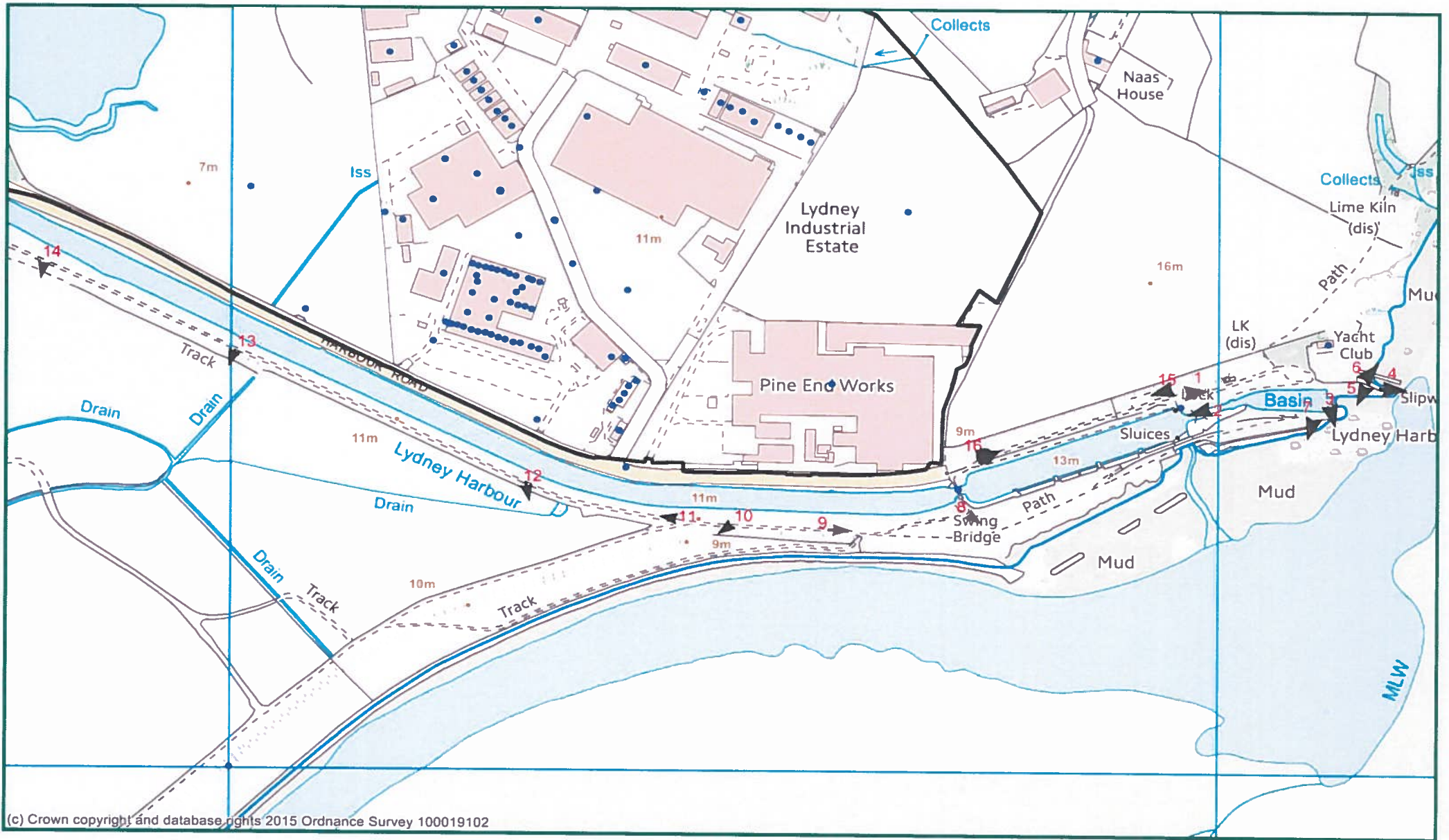
14. From footpath on disused railway towards sea wall and estuary



15. Existing Car Park at Lydney Harbour



16. Access to Lydney Harbour



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Scale: 1:5000

11 August 2015



