

# Risk Screening Report

**Report Name** WQ - Sewage and/or trade equal to or less than 5m<sup>3</sup>/d to SW  
**Location** Ad-hoc report



Distances used for this report [m]: 0, 50, 100, 200, 250, 300, 500, 1000

| Dataset Name               | Data found from search |     | Buffer Zone Distance |
|----------------------------|------------------------|-----|----------------------|
| Source Protection Zones    |                        |     |                      |
| Unitary Authority          | Casnewydd - Newport    | UTA | Unitary Authority    |
| National Park              |                        |     | 0                    |
| Scheduled Ancient Monument |                        |     |                      |
| Predominant Soils Types    | lake                   |     | 0                    |

|                                                   |                                                            |                        |       |   |
|---------------------------------------------------|------------------------------------------------------------|------------------------|-------|---|
| Report Name                                       | WQ - Sewage and/or trade equal to or less than 5m3/d to SW |                        |       |   |
| Location                                          | Ad-hoc report                                              |                        |       |   |
| Drinking Water Protected Areas - River Catchments | GB109056026840                                             | Pantyreos Bk -         | River | 9 |
|                                                   | Severn                                                     | source to Barrack Hill | Usk   |   |

**Drinking Water Protected Areas - Lakes**

**Groundwater Vulnerability Zones**

**Protected Habitat: Wet Woodland**

**Protected Habitat: Fens**

**LRC Priority & Protected Species: Clorismia rustica (Southern Silver-stiletto)**

**LRC Priority & Protected Species: Coenagrion mercuriale (Southern Damselfly)**

**LRC Priority & Protected Species: Collema dichotomum (River Jelly Lichen)**

**LRC Priority & Protected Species: Cryphaea lamyana (Multi-fruited Cryphaea)**

**LRC Priority & Protected Species: Dolomedes plantarius (Fen Raft Spider)**

**LRC Priority & Protected Species: Hirudo medicinalis (Medicinal Leech)**

**LRC Priority & Protected Species: Meotica anglica (Shingle Rove Beetle)**

**LRC Priority & Protected Species: Pisidium tenuilineatum (Fine-lined Pea Mussel)**

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**LRC Priority & Protected  
Species: Pseudanodonta  
complanata (Depressed or  
Compressed River Mussel)**

**LRC Priority & Protected  
Species: Segmentina nitida  
(The Shining Ram's Horn)**

**LRC Priority & Protected  
Species: Sium latifolium  
(Greater Water-parsnip)**

**LRC Priority & Protected  
Species: Synaptus filiformis  
(Hairy Click Beetle)**

**Local Wildlife Sites**

**Main Rivers**

**LRC Priority & Protected  
Species: Lacerta agilis (Sand  
Lizard)**

**LRC Priority & Protected  
Species: Myxas glutinosa  
(Glutinous Snail)**

**LRC Priority & Protected  
Species: Nitella gracilis  
(Slender Stonewort)**

**LRC Priority & Protected  
Species: Nitellopsis obtusa  
(Starry Stonewort)**

**LRC Priority & Protected  
Species: Vertigo (Vertigo)  
geyeri (Geyer's Whorl Snail)**

**National Nature Reserves**

**Local Nature Reserves**

**LRC Priority & Protected  
Species: Alosa alosa (Allis  
Shad)**

**LRC Priority & Protected  
Species: Coregonus  
lavaretus (Powan Vendace)**

**LRC Priority & Protected**

|                               |                                                            |                  |                   |      |
|-------------------------------|------------------------------------------------------------|------------------|-------------------|------|
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| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Lampetra fluviatilis |                                                            |                  |                   |      |
| (River Lamprey)               |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Osmerus eperlanus    |                                                            |                  |                   |      |
| (Smelt)                       |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Petromyzon           |                                                            |                  |                   |      |
| marinus (Sea Lamprey)         |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Salmo Salar          |                                                            |                  |                   |      |
| (Atlantic Salmon)             |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Salvelinus alpinus   |                                                            |                  |                   |      |
| (Arctic Charr)                |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Austropotamobius     |                                                            |                  |                   |      |
| pallipes (White-clawed        |                                                            |                  |                   |      |
| Freshwater Crayfish)          |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Margaritifera        |                                                            |                  |                   |      |
| (Margaritifera) margaritifera |                                                            |                  |                   |      |
| (Freshwater Pearl Mussel)     |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Rumex rupestris      |                                                            |                  |                   |      |
| (Shore Dock)                  |                                                            |                  |                   |      |
| LRC Priority & Protected      |                                                            |                  |                   |      |
| Species: Trichomanes          |                                                            |                  |                   |      |
| speciosum (Killarney Fern)    |                                                            |                  |                   |      |
| Special Areas of Conservation | River Usk / Afon Wysg                                      | UK0013007        |                   | 500  |
| Special Protection Areas      |                                                            |                  |                   |      |
| Ramsar Sites                  |                                                            |                  |                   |      |
| SSSI                          | River Usk (Lower Usk) / Afon Wysg (Wysg Isaf)              | 33WEA            | Biological        | 500  |
| Designated Shell Fishery      |                                                            |                  |                   |      |
| Invasive Non-Native Species   | NBN258523                                                  | Spartina anglica | Common Cord-grass | 1000 |
|                               | none                                                       | flowering plant  |                   |      |

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Report Generated On: 08-Jul-2026