







Appendix to Appropriate Assessment Report




Appendix A3: Inventory & Classification of Watercourses at Crossing Locations




The data and descriptions in this appendix have informed the cumulative evaluations in the Appropriate Assessment Report.




| Photos of Watercourse Crossings at the Mountphilips Substation site | |
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|  | <p>Watercrossing Structure W1 (<i>Temporary Crossing</i>)</p> <p>Type: 1st Order Stream</p> <p>Fisheries: Class 2, Optimal Fisheries</p> <p>Location: Mountphilips Substation Site</p> <p>Existing Structure: No existing crossing structure</p> <p>Works at Crossing: Cable trenching under stream bed using dam & pump (flume) method. Temporary Bailey Bridge.</p> <p>Ecology Notes: c. 2 m wide, c. 10 cm deep, gravel (70), cobbles (5), boulders (5), sands/silts (20)</p> |
|  | <p>Watercrossing Structure W2</p> <p>Type: Drainage Ditch</p> <p>Fisheries: Sub-Optimal Fisheries</p> <p>Location: Mountphilips Substation Site</p> <p>Existing Structure: No existing crossing structure</p> <p>Works at Crossing: Installation of new permanent culvert. Cable trenching under new culvert.</p> <p>Ecology Notes: c. 0.5 m wide, c. 10 cm deep, silts/muds (100)</p> |
|  | <p>Watercrossing Structure W3</p> <p>Type: 1st Order Stream</p> <p>Fisheries: Class 2, Optimal Fisheries</p> <p>Location: Mountphilips Substation Site</p> <p>Existing Structure: No existing crossing structure</p> <p>Works at Crossing: Installation of new permanent culvert. Cable trenching under new culvert.</p> <p>Ecology Notes: c. 1 m wide, c. 10 cm deep, cobbles (20), gravels (40), sands/silts (40)</p> |




| Photos of UWF GRID CONNECTION Bridges / Culverts along Public Roads | |
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|  | <p>Watercrossing Structure W4</p> <p>Type: Stream</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: L2166-0, Coole/Freagh</p> <p>Existing Structure: Concrete Block Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure</p> <p>Ecology Notes: Downstream - Slow flowing, Coble (60), Gravel (40). Overgrown, vegetation shading. 1 metre wide and ~30cm deep.</p> |
|  | <p>Watercrossing Structure W5</p> <p>Type: River</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: L6013-0, Foildarrig/Freagh</p> <p>Existing Structure: Masonry Single Arch Bridge</p> <p>Works at the Crossing: Cable trenching over structure</p> <p>Ecology Notes: Upstream - riffle/glide sequence and pool. Bolder (30), cobble (30), sand/gravel (40). Culvert pipe also flowing into river. Downstream - Riffle and pool present. Sand gravel under bridge (60), boulders/cobble(40).</p> |
|  | <p>Watercrossing Structure W6</p> <p>Type: Stream</p> <p>Fisheries: Class 3, Sub-Optimal Fisheries</p> <p>Location/Townland: L6013-0, Oakhampton</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching over structure</p> <p>Ecology Notes: Pipe culvert with stream through it. Bolder (50), mud/gravel (50).</p> |




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|  | <p>Watercrossing Structure W7</p> <p>Type: River</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: Rockvale Bridge, L2156-0, Oakhampton/Rockvale</p> <p>Existing Structure: Masonry Single Arch Bridge</p> <p>Works at the Crossing: Cable trenching over structure. Additional works to raise road level & parapet wall height</p> <p>Ecology Notes: Upstream - riffle and white water. Bedrock (70), cobble (20), sand (10). Deep water - could not judge depth. Downstream - white water, small riffle and some pooling. Deep water.</p> |
|  | <p>Watercrossing Structure W8</p> <p>Type: Stream</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: L6009-0, Ahane/Castlewaller</p> <p>Existing Structure: Concrete Slab Bridge</p> <p>Works at the Crossing: Directional Drill under stream bed.</p> <p>Ecology Notes: Upstream - small riffle and glide. Pooling. Moderate flow. Cobble (70), gravel (30). Downstream - riffle and glide, pool at bridge. Cobble (60), gravel (40).</p> |
|  | <p>Watercrossing Structure W9</p> <p>Type: Stream</p> <p>Fisheries: Class 1, Optimal Fisheries</p> <p>Location/Townland: L6009-0, Castlewaller/Carrowkeale</p> <p>Existing Structure: Concrete Slab Bridge</p> <p>Works at the Crossing: Directional Drill under stream bed.</p> <p>Ecology Notes: Upstream - riffle and glide and pool (with sand). Sand (30), cobble (50), gravel (20). Downstream - flat rock (40), boulders (30), cobble (30), riffle. Some pooling at edge, no visible build-up of sand. Fast flowing.</p> |



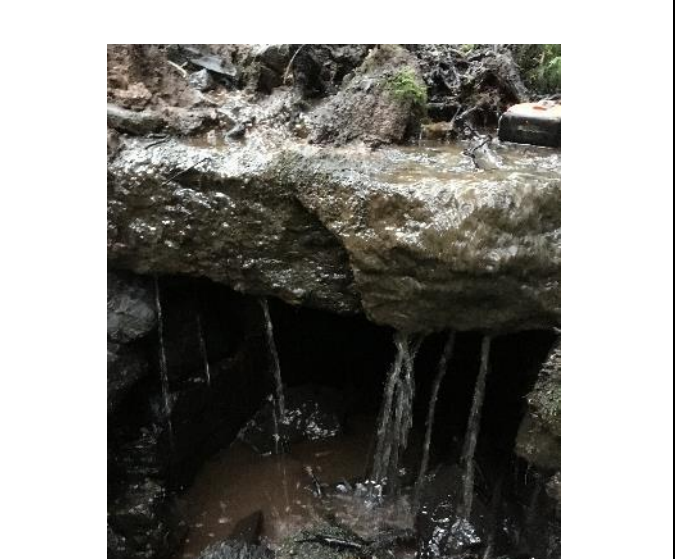
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|  | <p>Watercrossing Structure W10 Type: Stream, 1st Order Fisheries: Class 3, Sub-optimal Fisheries Location/Townland: R503, Kilnacappagh</p> <p>Existing Structure: HDPE Plastic Circular Culvert Works at the Crossing: Cable trenching over structure</p> <p>Ecology Notes: deep, drained, flow</p> |
|  | <p>Watercrossing Structure W11 Type: Stream Fisheries: Class 3, Sub-optimal Fisheries Location/Townland: R503, Scrageen/Derrygareen</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching over structure</p> <p>Ecology Notes: c. 1 m wide, c. 20 cm deep</p> |
|  | <p>Watercrossing Structure W12 Type: Drain Fisheries: Class 4, Poor Fisheries Location/Townland: R503, Derrygareen</p> <p>Existing Structure: Masonry Box Culvert & Circular Concrete Culvert Works at the Crossing: Cable trenching under structure</p> <p>Ecology Notes: c. 0.8m wide, c. 15 cm deep</p> |

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|  | <p>Watercrossing Structure W13</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Knockancullenagh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Potential</p> |
|  | <p>Watercrossing Structure W14</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Knockancullenagh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: steep gradient, cobble/gravel. 100% shade</p> |
|  | <p>Watercrossing Structure W15</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Knockancullenagh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Potential</p> |




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|  | <p>Watercrossing Structure W16</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Knockancullenagh</p> <p>Existing Structure: Plastic Circular Culvert.</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential</p> |
|  | <p>Watercrossing Structure W17</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Knockancullenagh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Potential, steep</p> |
|  | <p>Watercrossing Structure W18</p> <p>Type: Stream, 2nd Order</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Knockancullenagh/Fanit</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: steep, boulder cobble pool riffle. Downstream 100% shade, steep gradient</p> |




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|  | <p>Watercrossing Structure W19 Type: Drain Fisheries: Class 4, Poor Fisheries Location/Townland: R503, Fanit</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Potential</p> |
|  | <p>Watercrossing Structure W20 Type: Drain Fisheries: Class 4, Poor Fisheries Location/Townland: R503, Fanit</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Potential 100% shade downstream</p> |
|  | <p>Watercrossing Structure W21 Type: Stream, 1st Order Fisheries: Class 3, Sub-optimal Fisheries Location/Townland: R503, Fanit</p> <p>Existing Structure: Masonry Single Arch Bridge</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential 100% shade downstream</p> |




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|  | <p>Watercrossing Structure W22</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Fanit/Lackamore</p> <p>Existing Structure: Masonry Single Arch Bridge</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: steep/cascade</p> |
|  | <p>Watercrossing Structure W23</p> <p>Type: Stream</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Lackamore</p> <p>Existing Structure: Masonry Arch Bridge</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential Upstream: 100% shade. Minor steep cascades Downstream: 100% shade</p> |
|  | <p>Watercrossing Structure W24</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Lackamore</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential</p> |




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|  | <p>Watercrossing Structure W25</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Lackamore</p> <p>Existing Structure: Plastic Circular Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential, Steep Gradient</p> |
|  | <p>Watercrossing Structure W26</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Lackamore</p> <p>Existing Structure: Concrete Circular Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential, Steep Gradient</p> |
|  | <p>Watercrossing Structure W27</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Lackamore</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential, Steep Gradient</p> |


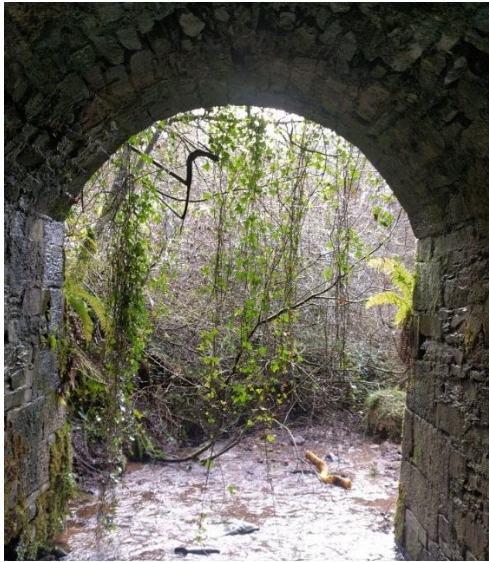

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|  | <p>Watercrossing Structure W28</p> <p>Type: Stream</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Lackamore/Tooreenbrien Upper</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value Upstream: steep/cascade Boulder/cobble</p> |
|  | <p>Watercrossing Structure W29</p> <p>Type: Stream</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Upper</p> <p>Existing Structure: Concrete Slab Bridge Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value 100% cover, steep gradient. Boulder cascade.</p> |
|  | <p>Watercrossing Structure W30</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Upper</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value</p> |




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|  | <p>Watercrossing Structure W31</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Upper</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Crossing under new existing culvert</p> <p>Ecology Notes: No Fisheries Value, Steep Gradient</p> |
|  | <p>Watercrossing Structure W32</p> <p>Type: Minor Stream</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Upper</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W33</p> <p>Type: Stream</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Upper/Tooreenbrien Lower</p> <p>Existing Structure: Masonry Arch Bridge - Single</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: cobble substrate, drained, channelised, riffle/glide</p> |




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|  | <p>Watercrossing Structure W34</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Lower</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W35</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Tooreenbrien Lower</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W36</p> <p>Type: River</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: Tooreenbrien Bridge, R503, Tooreenbrien Lower/Reardnogy Beg</p> <p>Existing Structure: Masonry Arch Bridge - Double</p> <p>Works at the Crossing: Cable trenching over structure. Additional works to raise road level & parapet wall height</p> <p>Ecology Notes: c. 5 m wide, c. 100cm deep</p> |




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|  | <p>Watercrossing Structure W37</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Reardnogy Beg</p> <p>Existing Structure: Masonry Arch</p> <p>Works at the Crossing: Crossing over culvert</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W38</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Reardnogy Beg/Reardnogy More</p> <p>Existing Structure: Plastic Circular Culvert</p> <p>Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: c. 0.7 m wide, c. 140cm deep</p> |
|  | <p>Watercrossing Structure W39</p> <p>Type: Stream, 2nd Order</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Reardnogy More</p> <p>Existing Structure: Plastic Circular Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: c. 0.6 m wide, c. 100cm deep</p> |




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|  | <p>Watercrossing Structure W40</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Rear Cross Village, Reardnogy More/ Shanballyedmond</p> <p>Existing Structure: Concrete Circular Culvert X 3</p> <p>Works at the Crossing: Cable trenching under structures.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W41</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Reardnogy More/Baurnadomeeny</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: Downstream:, cobble gravel substrate, riffle, steep banks</p> |
|  | <p>Watercrossing Structure W42</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Baurnadomeeny</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Potential</p> |




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|  | <p>Watercrossing Structure W43</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Baurnadomeeny</p> <p>Existing Structure: Masonry Arch</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: cobble gravel substrate, riffle, steep banks</p> |
|  | <p>Watercrossing Structure W44</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Baurnadomeeny</p> <p>Existing Structure: Masonry Arch</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: cobble gravel substrate, riffle, steep banks</p> |
|  | <p>Watercrossing Structure W45</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Baurnadomeeny/Coonmore</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: Riffle / glide, cobble substrate, channelised</p> |




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|  | <p>Watercrossing Structure W46</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Coonmore</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W47</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Coonmore</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W48</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Coonmore</p> <p>Existing Structure: Plastic Circular Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value</p> |

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|  | <p>Watercrossing Structure W49</p> <p>Type: River</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: R503, Coonmore/Foildarragh</p> <p>Existing Structure: Masonry Arch</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: Cobble/gravel, channelised, riffle</p> |
|  | <p>Watercrossing Structure W50</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Foildarragh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value, Very steep gradient, in gorge, 100% cover.</p> |
|  | <p>Watercrossing Structure W51</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Foildarragh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value, Very steep gradient, in gorge, 100% cover.</p> |

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|  | <p>Watercrossing Structure W52</p> <p>Type: Stream, 1st Order</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Foildarragh</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value, steep, drained</p> |
|  | <p>Watercrossing Structure W53</p> <p>Type: River</p> <p>Fisheries: Class1, Optimal Fisheries</p> <p>Location/Townland: Anglesey Bridge, R503, Foildarragh/Kilcommon</p> <p>Existing Structure: Double Masonry Arch</p> <p>Works at the Crossing: Cable trenching over structure, additional works to raise road level & parapet wall height</p> <p>Ecology Notes: U/s: riffle, glide channelized, cobble gravel, sand</p> |
|  | <p>Watercrossing Structure W54</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Kilcommon</p> <p>Existing Structure: Plastic Circular Culvert</p> <p>Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value</p> |

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|  | <p>Watercrossing Structure W55</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Kilcommon</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W56</p> <p>Type: Drain</p> <p>Fisheries: Class 3, Sub-optimal Fisheries</p> <p>Location/Townland: R503, Kilcommon</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value, some flow</p> |
|  | <p>Watercrossing Structure W57</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Kilcommon/Loughbrack</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Value</p> |

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|  | <p>Watercrossing Structure W58</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Loughbrack</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W59</p> <p>Type:</p> <p>Upstream: Drain, Downstream: Stream, 1st Order</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Loughbrack</p> <p>Existing Structure: Concrete Culvert & Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structures.</p> <p>Ecology Notes: No Fisheries Value. Downstream: flow, through forestry</p> |
|  | <p>Watercrossing Structure W60</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Loughbrack</p> <p>Existing Structure: Masonry Box Culvert</p> <p>Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Value</p> |

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|  | <p>Watercrossing Structure W61</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: R503, Knocknabansha/Knockmaroe</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching under structure. Culvert may need replacing.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W62</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: L2264-50, Knockmaroe</p> <p>Existing Structure: Masonry Box Culvert Works at the Crossing: Cable trenching over structure.</p> <p>Ecology Notes: No Fisheries Value</p> |
|  | <p>Watercrossing Structure W63</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: L2264-50, Knockmaroe/Knockcurraghbola Crownlands</p> <p>Existing Structure: Circular Concrete Culvert Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value</p> |



Watercrossing Structure W64

Type: Drain

Fisheries: Class 4, Poor Fisheries

Location/Townland: L2264-50, Knockmaroe

Existing Structure: Masonry Box Culvert
Works at the Crossing: Cable trenching under structure. Culvert may need replacing.

Ecology Notes: No Fisheries Value



Watercrossing Structure W65

Type: Stream

Fisheries: Class 2, Optimal Fisheries

Location: L6188-0, Knockmaroe

Existing Structure: Concrete Circular Culvert
Works at Crossing: Cable trenching under structure.

Ecology Notes: Steady flow to 20 cm deep with wetted width of c. 1 m. gravel bed.



Watercrossing Structure W66


Type: Drain

Fisheries: Class 4, Poor Fisheries

Location/Townland: L6188-0, Knockmaroe

Existing Structure: Concrete Circular Culvert
Works at the Crossing: Cable trenching under structure.

Ecology Notes: No Fisheries Value

| Photos of UWF GRID CONNECTION Bridges / Culverts along Private Paved Road | |
|---|---|
|  | <p>Watercrossing Structure W67</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: Private Paved Road, Knockcurraghbola Commons</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: c. 0.5 m wide, 10 cm deep</p> |
| | <p>Watercrossing Structure W68</p> <p>Type: Drain</p> <p>Fisheries: Class 4, Poor Fisheries</p> <p>Location/Townland: Private Paved Road, Knockcurraghbola Commons</p> <p>Existing Structure: Concrete Circular Culvert</p> <p>Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value, Slow flowing</p> |

