

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

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

	<p><b>Watercrossing Structure W7</b></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 &amp; 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><b>Watercrossing Structure W8</b></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><b>Watercrossing Structure W9</b></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>

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

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

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

	<p><b>Watercrossing Structure W19</b>                  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><b>Watercrossing Structure W20</b>                  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><b>Watercrossing Structure W21</b>                  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>



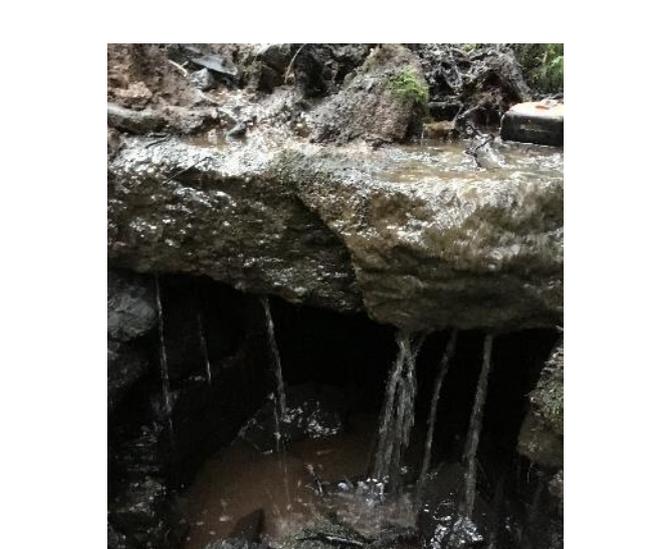
**Watercrossing Structure W22**  
 Type: Stream, 1st Order  
**Fisheries: Class 3, Sub-optimal Fisheries**  
 Location/Townland: R503, Fanit/Lackamore  
 Existing Structure: Masonry Single Arch Bridge  
 Works at the Crossing: Cable trenching over structure.  
 Ecology Notes: steep/cascade



**Watercrossing Structure W23**  
 Type: Stream  
**Fisheries: Class 3, Sub-optimal Fisheries**  
 Location/Townland: R503, Lackamore  
 Existing Structure: Masonry Arch Bridge  
 Works at the Crossing: Cable trenching over structure.  
 Ecology Notes: No Fisheries Potential  
 Upstream: 100% shade. Minor steep cascades  
 Downstream: 100% shade



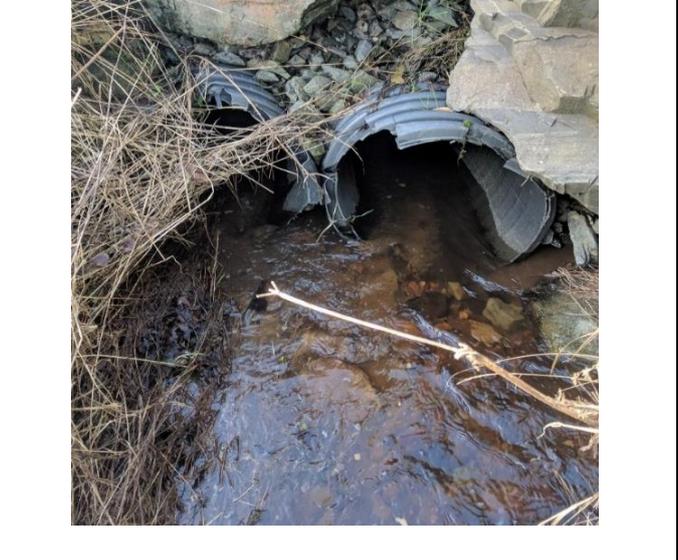
**Watercrossing Structure W24**  
 Type: Stream, 1<sup>st</sup> Order  
**Fisheries: Class 3, Sub-optimal Fisheries**  
 Location/Townland: R503, Lackamore  
 Existing Structure: Concrete Circular Culvert  
 Works at the Crossing: Cable trenching over structure.  
 Ecology Notes: No Fisheries Potential

	<p><b>Watercrossing Structure W25</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W26</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W27</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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>

	<p><b>Watercrossing Structure W28</b></p> <p>Type: Stream</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W29</b></p> <p>Type: Stream</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W30</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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>

	<p><b>Watercrossing Structure W31</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W32</b></p> <p>Type: Minor Stream</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W33</b></p> <p>Type: Stream</p> <p><b>Fisheries: Class1, Optimal Fisheries</b></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>

	<p><b>Watercrossing Structure W34</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W35</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W36</b></p> <p>Type: River</p> <p><b>Fisheries: Class1, Optimal Fisheries</b></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 &amp; parapet wall height</p> <p>Ecology Notes: c. 5 m wide, c. 100cm deep</p>

	<p><b>Watercrossing Structure W37</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W38</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class1, Optimal Fisheries</b></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><b>Watercrossing Structure W39</b></p> <p>Type: Stream, 2<sup>nd</sup> Order</p> <p><b>Fisheries: Class1, Optimal Fisheries</b></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>

	<p><b>Watercrossing Structure W40</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W41</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W42</b></p> <p>Type: Stream, 1st Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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>

	<p><b>Watercrossing Structure W43</b></p> <p>Type: Stream, 1st Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></p> <p>Location/Townland: R503, Bournadomeeny</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><b>Watercrossing Structure W44</b></p> <p>Type: Stream, 1st Order</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></p> <p>Location/Townland: R503, Bournadomeeny</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><b>Watercrossing Structure W45</b></p> <p>Type: Stream, 1<sup>st</sup> Order</p> <p><b>Fisheries: Class1, Optimal Fisheries</b></p> <p>Location/Townland: R503, Bournadomeeny/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>

	<p><b>Watercrossing Structure W46</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W47</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W48</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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>

	<p><b>Watercrossing Structure W49</b></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><b>Watercrossing Structure W50</b></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><b>Watercrossing Structure W51</b></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><b>Watercrossing Structure W52</b></p> <p>Type: Stream, 1st Order  <b>Fisheries: Class 3, Sub-optimal Fisheries</b>                  Location/Townland: R503, Foildarragh</p> <p>Existing Structure: Masonry Box Culvert                  Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value, steep, drained</p>
	<p><b>Watercrossing Structure W53</b></p> <p>Type: River  <b>Fisheries: Class1, Optimal Fisheries</b>                  Location/Townland: Anglesey Bridge, R503, Foildarragh/Kilcommon</p> <p>Existing Structure: Double Masonry Arch                  Works at the Crossing: Cable trenching over structure, additional works to raise road level &amp; parapet wall height                  Ecology Notes: U/s: riffle, glide channelized, cobble gravel, sand</p>
	<p><b>Watercrossing Structure W54</b></p> <p>Type: Drain  <b>Fisheries: Class 4, Poor Fisheries</b>                  Location/Townland: R503, Kilcommon</p> <p>Existing Structure: Plastic Circular Culvert                  Works at the Crossing: Cable trenching under structure.</p> <p>Ecology Notes: No Fisheries Value</p>

	<p><b>Watercrossing Structure W55</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W56</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 3, Sub-optimal Fisheries</b></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><b>Watercrossing Structure W57</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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>

	<p><b>Watercrossing Structure W58</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W59</b></p> <p>Type:</p> <p>Upstream: Drain, Downstream: Stream, 1st Order</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></p> <p>Location/Townland: R503, Loughbrack</p> <p>Existing Structure: Concrete Culvert &amp; 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><b>Watercrossing Structure W60</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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>

	<p><b>Watercrossing Structure W61</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W62</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W63</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W67</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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><b>Watercrossing Structure W68</b></p> <p>Type: Drain</p> <p><b>Fisheries: Class 4, Poor Fisheries</b></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>

