





APPENDIX 01




Fish Habitat Site Descriptions and Site Photographs




Appendix 01: Fish Habitat Site Descriptions and Site Photographs




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------|------------------|-----------|----------------|--|-------------|---|
| Clachan Burn | Clachan Burn | CB1 | NR 81287 55185 | No perceivable flow; Wet width 0.6m; Average water depth 25cm; Banks peat, majority of bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m of survey section; No fish observed. | 15.05.2019 |  |
| Clachan Burn | Clachan Burn | CB2 | NR 81062 55282 | No perceivable flow; Wet width 0.2m; Average water depth 5cm; Banks peat, bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Clachan Burn | Clachan Burn | CB3 | NR 80749 55402 | Water level low; Smooth flow; Wet width 2.3m; Average water depth 25cm; Banks and channel substrate predominantly peat and boulder; Limited fish cover; No suitable spawning habitat observed within 100m survey section; No fish observed. | 15.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------|------------------|-----------|----------------|---|-------------|---|
| Clachan Burn | Clachan Burn | CB4 | NR 78792 56285 | Water level low; Smooth flow; Wet width 2.3m; Average water depth 25cm; Banks and channel substrate predominantly boulder; Moderate fish cover; Filamentous algae present; No suitable spawning habitat observed within 100m survey section; No fish observed. | 14.05.2019 |  |
| Clachan Burn | Clachan Burn | CB5 | NR 78428 56396 | Water level low; Smooth flow; Wet width 2.3m; Average water depth 25cm; Banks and channel substrate predominantly boulder; Good fish cover; Potential spawning habitat observed within 100m survey section; No fish observed. | 14.05.2019 |  |
| Clachan Burn | Clachan Burn | CB6 | NR 78186 56333 | Water level low; Smooth flow; Wet width 2.5m; Average water depth 25cm; Banks and channel substrate predominantly boulder; Good fish cover; Suitable spawning habitat observed within 100m survey section; Salmonids observed in deep pools (probably brown trout). | 14.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------|------------------|-----------|----------------|---|-------------|---|
| Clachan Burn | Clachan Burn | CB7 | NR 78033 56325 | Water level low; Smooth flow; Wet width 2m; Average water depth 25cm; Banks and channel substrate predominantly boulder; Good fish cover; Suitable spawning habitat observed within 100m survey section; No fish observed. | 14.05.2019 |  |
| Clachan Burn | Clachan Burn NE | CBNE1 | NR 79717 56784 | Smooth flow; Wet width 2.5m; Average water depth 45cm; Banks peat, channel substrate gravel/pebble; Filamentous algae present; Moderate fish cover; Potential spawning habitat within 100m survey section; Salmonids observed (probably brown trout). | 13.05.2019 |  |
| Clachan Burn | Clachan Burn NE | CBNE2 | NR 79681 56813 | Smooth flow; Wet width 2.4m; Average water depth 45cm; Banks and channel substrate predominantly peat; Filamentous algae present; Moderate fish cover (20%); No suitable spawning habitat observed within 100m survey section; Salmonids observed (probably brown trout). | 13.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------|--------------------------------|-----------|----------------|---|-------------|---|
| Clachan Burn | Clachan Burn NE | CBNE3 | NR 78649 56522 | Water level low; Smooth flow; Wet width 1.6 m wide; Average water depth 25 cm; Banks and channel substrate predominantly boulder; Moderate fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. Several barriers to fish migration in the form of chutes and falls observed downstream. | 14.05.2019 |  |
| Clachan Burn | Clachan Burn Unnamed Burn 1 | CBUB1 | NR 77770 56212 | Channel dry; Average channel width 1 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100m survey section. | 14.05.2019 |  |
| Clachan Burn | Clachan Burn Unnamed Burn 1 | CBUB11 | NR 77921 55781 | Channel dry; Average channel width 1 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. | 14.05.2019 |  |




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|--------------|--------------------------------|-----------|----------------|--|-------------|---|
| Clachan Burn | Clachan Burn Unnamed Burn 2 | CBUB2 | NR 80312 55261 | Channel dry; Average channel width 0.4 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. Pipe culvert directly downstream of site. | 15.05.2019 |  |
| Clachan Burn | Clachan Burn Unnamed Burn 3 | CBUB3 | NR 80386 55237 | Channel dry; Average channel width 0.4 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. Pipe culvert directly upstream. | 15.05.2019 |  |
| Clachan Burn | Clachan Burn Unnamed Burn 4 | CBUB4 | NR 79694 57130 | No perceivable flow; Wet width 0.8 m; Average water depth 5 cm; Banks peat, bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------|--------------------------------|-----------|----------------|---|-------------|---|
| Clachan Burn | Clachan Burn Unnamed Burn 4 | CBUB44 | NR 79686 57125 | No perceivable flow and channel almost dry; Wet width 1.6 m; Average water depth 5 cm; Banks peat, bed with occasional boulders; bed is a combination of peat and boulders; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |
| Allt Mor | Allt Mor (u/s Loch Ciaran) | AM1 | NR 78426 53914 | Smooth flow; Wet width 1.6 m wide; Average water depth 20 cm; Banks and channel substrate predominantly bedrock; Good fish cover directly upstream of Loch Ciaran; No suitable spawning habitat observed within 100 m survey section; No fish observed. Several barriers to fish migration in the form of chutes and falls observed upstream. | 16.05.2019 |  |
| Allt Mor | Allt Mor (u/s Loch Ciaran) | AM2 | NR 78378 54432 | Water level low; Smooth flow; Wet width 0.6 m wide; Average water depth 20 cm; Banks and channel substrate predominantly bedrock; Moderate fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. Several barriers to fish migration in the form of chutes and falls observed downstream. | 16.05.2019 |  |

| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|-----------|------------------|-----------|----------------|---|-------------|---|
| Allt Mor | Loch Ciaran | AMLC1 | NR 78385 53780 | Smooth flow; Wet width 0.6 m; Average water depth 20 cm; Banks and channel substrate predominantly cobble; Emergent macrophytes present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |
| Allt Mor | Loch Ciaran | AMLC2 | NR 78281 53758 | Smooth flow; Wet width 1 m; Average water depth 20 cm; Banks and channel substrate predominantly peat; Emergent macrophytes present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |
| Allt Mor | Loch Ciaran | AMLC3 | NR 78187 53813 | No perceivable flow; Wet width 0.6 m; Average water depth 10 cm; Banks peat bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |




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|-----------|-----------------------------|-----------|----------------|--|-------------|---|
| Allt Mor | Loch Ciaran | AMLC4 | NR 77987 53979 | Smooth flow; Wet width 0.6 m; Average water depth 60 cm; Banks and channel substrate predominantly peat; Emergent macrophytes present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |
| Allt Mor | Loch Ciaran Unnamed Burn | AMLC5 | NR 77937 54025 | No perceivable flow; Wet width 1.8 m; Average water depth 80 cm; Banks and channel substrate predominantly peat; Emergent macrophytes present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed but heron fishing in margins. | 16.05.2019 |  |
| Allt Mor | Loch Ciaran Unnamed Burn | AMLC6 | NR 78402 54617 | Water level low; Smooth flow; Wet width 0.6 m wide; Average water depth 65 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|-----------|------------------|-----------|----------------|--|-------------|---|
| Allt Mor | Unnamed Burn 1 | AMUB1 | NR 78111 54238 | No perceivable flow; Wet width 1 m; Average water depth 10 cm; Banks peat, bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |
| Allt Mor | Unnamed Burn 2 | AMUB2 | NR 78336 55284 | Channel dry; Average channel width 0.8 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. | 16.05.2019 |  |
| Allt Mor | Unnamed Burn 3 | AMUB3 | NR 78580 55202 | Water level low; Smooth flow; Wet width 0.4 m wide; Average water depth 5 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 16.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------------|--------------------|-----------|----------------|---|-------------|---|
| Allt a'Chreagain | Allt a'Chreagain | AC1 | NR 79527 57614 | No perceivable flow; Wet width 0.8 m; Average water depth 20 cm; Banks peat, bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 14.05.2019 |  |
| Alltan Fhearachair | Alltan Fhearachair | AF1 | NR 79976 58845 | Channel dry; Average channel width 0.8 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. | 13.05.2019 |  |
| Alltan Fhearachair | Alltan Fhearachair | AF2 | NR 79825 58940 | No perceivable flow; Wet width 0.6 m; Average water depth 5cm; Banks and bed of channel cobble; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |


| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------------|--------------------|-----------|----------------|---|-------------|---|
| Alltan Fhearachair | Alltan Fhearachair | AF3 | NR 79677 59044 | Channel dry; Average channel width 0.8 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. | 13.05.2019 |  |
| Alltan Fhearachair | Alltan Fhearachair | AF4 | NR 79557 59094 | Water level low; Smooth flow; Wet width 1.4 m wide; Average water depth 5 cm; Banks and channel substrate predominantly earth; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |
| Alltan Fhearachair | Alltan Fhearachair | AF5 | NR 79384 59193 | Water level low; Smooth flow; Wet width 0.6m wide; Average water depth 5 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |




| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|--------------------|------------------|-----------|----------------|--|-------------|---|
| Alltan Fhearachair | Unnamed Burn 1 | AFUB1 | NR 79189 58427 | No perceivable flow; Wet width 0.4 m; Average water depth 10 cm; Banks peat bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |
| Alltan Fhearachair | Unnamed Burn 2 | AFUB2 | NR 79072 58614 | No perceivable flow; Wet width 0.4m; Average water depth 10 cm; Banks peat bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |
| Alltan Fhearachair | Unnamed Burn 3 | AFUB3 | NR 79060 58641 | No perceivable flow; Wet width 0.6 m; Average water depth 5 cm; Banks peat, bed of channel obscured by emergent macrophytes; no fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 13.05.2019 |  |



| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|----------------|------------------|-----------|----------------|---|-------------|---|
| Claonaig Water | Larachmor Burn | LB1 | NR 82472 55562 | Water level low; Smooth flow; Wet width 0.6 m wide; Average water depth 5 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Claonaig Water | Larachmor Burn | LB2 | NR 82918 55694 | Smooth flow; Wet width 0.8 m; Average water depth 60 cm; Banks and channel substrate predominantly peat; Emergent macrophytes present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Claonaig Water | Larachmor Burn | LB3 | NR 83039 55614 | Smooth flow; Wet width 1.6 m; Average water depth 60 cm; Banks and channel substrate predominantly peat with exposed bedrock; Filamentous algae present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |

| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|----------------|------------------|-----------|----------------|---|-------------|---|
| Claonaig Water | Larachmor Burn | LB4 | NR 83106 55714 | Smooth flow; Wet width 2.4 m; Average water depth 45 cm; Banks and channel substrate predominantly peat with exposed bedrock; Filamentous algae present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Claonaig Water | Larachmor Burn | LB5 | NR 83617 56120 | Smooth flow; Wet width 1.2 m; Average water depth 50 cm; Banks and channel substrate predominantly peat with exposed bedrock; Filamentous algae present; Modest fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Claonaig Water | Larachmor Burn | LB6 | NR 83711 56324 | Smooth flow; Wet width 1.2 m; Average water depth 15 cm; Banks and channel substrate predominantly peat with exposed bedrock; Filamentous algae present; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |

| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|----------------|------------------|-----------|----------------|--|-------------|---|
| Claonaig Water | Unnamed Burn 1 | LBUB1 | NR 83895 56923 | Water level low; Smooth flow; Wet width 0.6 m; Average water depth 10 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Claonaig Water | Unnamed Burn 2 | LBUB2 | NR 83742 56741 | Water level low; Smooth flow; Wet width 1.8 m; Average water depth 10 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Loch Cruinn | Unnamed Burn 1 | LCUB1 | NR 82818 57784 | Channel entering Loch Cruinn dry; Average channel width 1.2 m and dominated by vegetation; Banks and channel substrate predominantly peat; No fish cover or suitable spawning habitat observed within 100 m survey section. Tadpoles observed in loch. | 15.05.2019 |  |

| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|----------------|------------------|-----------|----------------|--|-------------|---|
| Loch Cruinn | Unnamed Burn 2 | LCUB2 | NR 83094 57738 | Channel entering Loch Cruinn dry; Average channel width 0.8 m and dominated by vegetation; Banks and channel substrate predominantly peat; No fish cover or suitable spawning habitat observed within 100 m survey section. Tadpoles observed in loch. | 15.05.2019 |  |
| Loch Freasdail | Unnamed Burn 1 | LFUB1 | NR 81113 58908 | Water level low; Smooth flow; Wet width 0.8 m; Average water depth 10 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; Banks poached upstream. No fish observed. | 15.05.2019 |  |
| Loch Freasdail | Unnamed Burn 2 | LFUB2 | NR 81271 58819 | Water level low; Smooth flow; Wet width 1.2 m; Average water depth 5 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; Livestock poaching. No fish observed. | 15.05.2019 |  |

| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|-------------------|------------------|-----------|----------------|--|-------------|---|
| Loch nad Gad | Unnamed Burn 1 | LnG1 | NR 78655 57282 | Water level low; No perceivable flow; Wet width 1.1 m; Average water depth 10 cm and dominated by vegetation; Banks and channel substrate predominantly peat; No fish cover or suitable spawning habitat observed within 100 m survey section; No fish observed. | 14.05.2019 |  |
| Loch nad Gad | Unnamed Burn 2 | LnG2 | NR 78336 57061 | Water level low; No perceivable flow; Wet width 0.6 m; Average water depth 5 cm and dominated by vegetation; Banks and channel substrate predominantly peat; No fish cover or suitable spawning habitat observed within 100 m survey section; No fish observed. | 14.05.2019 |  |
| Lochan a' Chreimh | Unnamed Burn 1 | LaCUB1 | NR 80822 55181 | Water level low; Smooth flow; Average channel 0.6 m wide; Average water depth 5 cm; Banks and channel substrate predominantly peat; Limited fish cover; No suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |

| Catchment | Watercourse Name | Site Code | Grid Reference | Description | Survey Date | Site Photograph |
|-------------------|------------------|-----------|----------------|---|-------------|--|
| Lochan a' Chreimh | Unnamed Burn 2 | LaCUB2 | NR 80740 54985 | Water level low; No perceivable flow; Wet width 0.6 m wide; Average water depth 10 cm and dominated by vegetation; Banks and channel substrate predominantly peat; No fish cover or suitable spawning habitat observed within 100 m survey section; No fish observed. | 15.05.2019 |  |
| Lochan Fraoich | Unnamed Burn 1 | LoFUB1 | NR 81605 55244 | Channel entering Lochan Fraoich dry; Average channel width 0.8 m and dominated by vegetation; Banks and channel substrate predominantly peat; No suitable fish habitat observed within 100 m survey section. | 15.05.2019 |  |

APPENDIX 02

RHS Site Photographs

Appendix 02: RHS Site Photographs

RHS 1 – Clachan Burn



Photo looking upstream at CB7



Photo looking upstream at CB6

RHS 2 – Clachan Burn NE



Photo looking downstream at CBNE2



Photo looking upstream at CBNE1

RHS 3 – Larachmor Burn



Photo looking upstream at LB1



Photo looking downstream at LB3

RHS 4 – Larachmor Burn



Photo looking upstream at LB4



Photo looking upstream at LB6

RHS 5 – Alltan Fhearachair



Photo looking upstream at AF2



Photo looking upstream at AF5

RHS 6 – Allt Mor (u/s of Loch Ciaran).



Photo looking upstream at AM1



Photo looking upstream at AM2

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