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| **Name of Hydro Scheme** |
| LocationOS Map | File Ref (to be completed by Munro Society) |
| Date of Survey: | Surveyor name: |
| Initial or follow up visit? (please number if known, 1,2,3 etc) |
| Any comments on survey (weather, area walked) |

Notes for surveyors: it would help if you can take photos to illustrate your answers, including photos of good and poor practice in terms of restoration and landscape scale photos (eg from neighbouring hills) which show overall impact on landscape. Where, you are undertaking a follow up visit, there is no need to repeat information from initial form that is unchanged.

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| **Development details** |
| Landowner |  |
| Developer (if different) |  |
| Contractor (where known) |  |
| Planning reference/s |  |
| Date planning permission granted |  |
| Date work started (if known) |  |
| Date work completed (if known) |  |
| Monitoring period post completion (if any) |  |
| Size of scheme in generating power (K/W) |  |

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| **Overall landscape assessment** |
| Can the development be seen from hill summit areas or ridges? Y/N. If so which? |  |
| Is the development next to an access route to hills? Y/N. If so, which? |  |
| Were there previously hydro schemes or electricity infrastructure in area? If so, describe |  |
| Were there previously hill tracks in area? |  |

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| **Access Track - location** |
| Is access track permanent Y/N? |  |
| Access track starting point (Grid Reference) |  |
| Length of track, intake to powerhouse? |  |
| Was there a track to area of intake previously Y/N |  |
| If yes, how much of track follows line of previous track? |  |
| If no, how much of track is new? |  |
| Can the access track be seen from hill summits or ridges? If so which? |  |
| Is there any evidence of off-road track erosion caused by vehicles leaving the track? If so, please describe |  |
| Any other comments on line/location of track including, if its new, comments on its impact on the landscape. |  |
| **Access track – standard of construction** |
| Is width greater than 2m on flat sections and 2.5m on bends? |  |
| If yes, how much of track is broader than this: (All, most, more than half, less than half, little, none) |  |
| What is maximum width? |  |
| Is there evidence of unnecessary passing places/turning points? |  |
| Does the upward inclination of the track exceed 14% in any place? (The max for light vehicles) If so how frequently? |  |
| Is there evidence of gullying on the track? If so what is cause of this (eg too steep, inadequate drainage) |  |
| Is there a vegetated strip running down the middle? |  |
| Have any of uphill banks/batter slopes been blasted through rock? |  |
| If yes, have these been restored? |  |
| Are any uphill batters too steep (eg over 45% or too steep to retain vegetation)? |  |
| Is there any evidence of spoil from track spilling down slopes? |  |
| Have the edges of the track been finished through replacement of vegetation? |  |
| Is there evidence that surface vegetation and different soil types have been stored separately and then replaced separately? (All, most, more than half, less than half, little, none) |  |
| Has downhill side spoil been moulded to match existing landscape? |  |
| Approximately how much of the land on either side of the track has been restored through replacement of vegetation? (All, most, more than half, less than half, little, none) |  |
| To what extent have the culverts been cut back and covered? (All, most, more than half, less than half, little, none) |  |
| Any other specific comments, including examples of good and poor practice you wish to highlight? |  |
| Evidence of further restoration work since initial survey |  |
| How would yo rate the walking experience along the track?(Excellent, good, medium, poor, terrible) |  |
| Has the track impacted on existing paths? If so, how? |  |

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| **Intake/s** |  |
| How many intakes are there? (Please repeat for each intake starting with largest intake) |  |
| **Intake 1** |  |
| Altitude and Grid Reference |  |
| Setting (eg open flood plain, gorge, set between banks) |  |
| How visible is intake from neighbouring summits and ridges? |  |
| Has the intake dammed the river or is it true “run of river”? |  |
| If dammed, length of pool |  |
| Approx max height intake walls |  |
| Have intake walls been faced with natural materials? |  |
| Approx width of intake (across burn/river) |  |
| Has rip rap bouldering been used on upstream side? Extent? Visible from what distance? |  |
| Has rip rap bouldering been used on downhill side? Extent? Visible from what distance? |  |
| Are safety fences metal or wood? |  |
| Is exposed pipework in natural colours? |  |
| Any other comments (e.g signs, lifebelts, size of turning area, presence other structures and signs of good or poor practice you wish to highlight?) |  |
| Evidence of further restoration work since initial survey |  |

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| **Pipeline** |
| Is the pipeline buried (except for specific places)? Y/N |  |
| Locations of exposed pipe (eg crossing streams, by powerhouse or intake) and colour |  |
| If pipes cross burns, have they been buried or hidden under bridges? |  |
| Is there evidence that surface vegetation and different soil types have been stored separately and then replaced in the right order above the pipeline? (All, most, more than half, less than half, little, none of the time) |  |
| Have air/pressure release valves/pipeline access points been finished properly? |  |
| Other comments (including examples of good/poor practice you wish to highlight) |  |
| Evidence of further restoration work since initial survey |  |

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| **Powerhouse** |
| Location |  |
| How visible is powerhouse from neighbouring summits/ridges? |  |
| Construction materials walls |  |
| Construction material roof |  |
| Is there tree planting around powerhouse? |  |
| Is there hardstanding around powerhouse? If so, how much and what materials? |  |
| How visible is tailrace?  |  |
| Any other comments (including examples good or poor practice you wish to highlight) |  |
| Evidence of further restoration work since initial survey |  |

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| **Other** |
| Have new pylons/overhead wires been required to connect scheme to grid? |  |
| If yes, describe extent? |  |
| Have construction compounds been restored? |  |
| Was there evidence of construction materials or equipment being left on site (eg old pipes, imported aggregate left in spoil heaps) Please describe |  |
| Evidence of other rubbish left on site? |  |
| Are there bridges and if so what materials have they been constructed from? |  |
| Any other comments on evidence for restoration work since initial survey |  |

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| Overall assessment or comments on scheme (this space is to enable you to highlight what you think are main issues or examples of good practice in this scheme) |
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| Follow up/action points (for office use) |
| Date | Action |
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Useful references

<http://www.snh.org.uk/pdfs/publications/heritagemanagement/constructedtracks.pdf>