Good practice guide for minimising impacts on the natural heritage during construction.

This guide shows examples of good and poor practice examples for hydro construction.

The guide is equally applicable to other forms of development, such as track construction for wind farms.

This is not a detailed 'how-to' guide but is a visual guide to assist with avoiding impacts on the landscape, vegetation and watercourses.



Contents

- Intakes
- Tracks, pipeline and drainage
- Turbine House
- Tailrace



Dualchas Nàdair na h-Alba

Intake considerations:

Access and turning circles
Wing walls and rock armouring
Pipe work
Handrails and ancillary structures

















Tracks, pipeline and drainage considerations:

Culverts – cross track, pipe exposure, ponding
Track side drains, silt traps and fencing, and discharge points
Verges

Track material - storage
Cut batters on routes
Reinstatement
Bridge design
Protection from grazing
Markers along tracks



















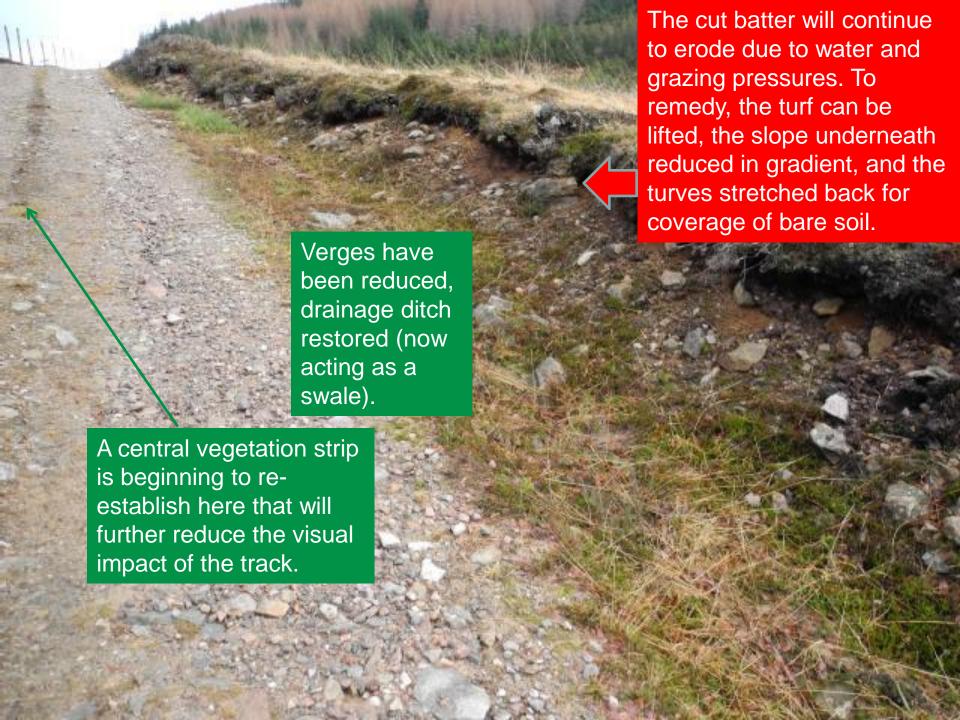












































Dualchas Nàdair na h-Alba

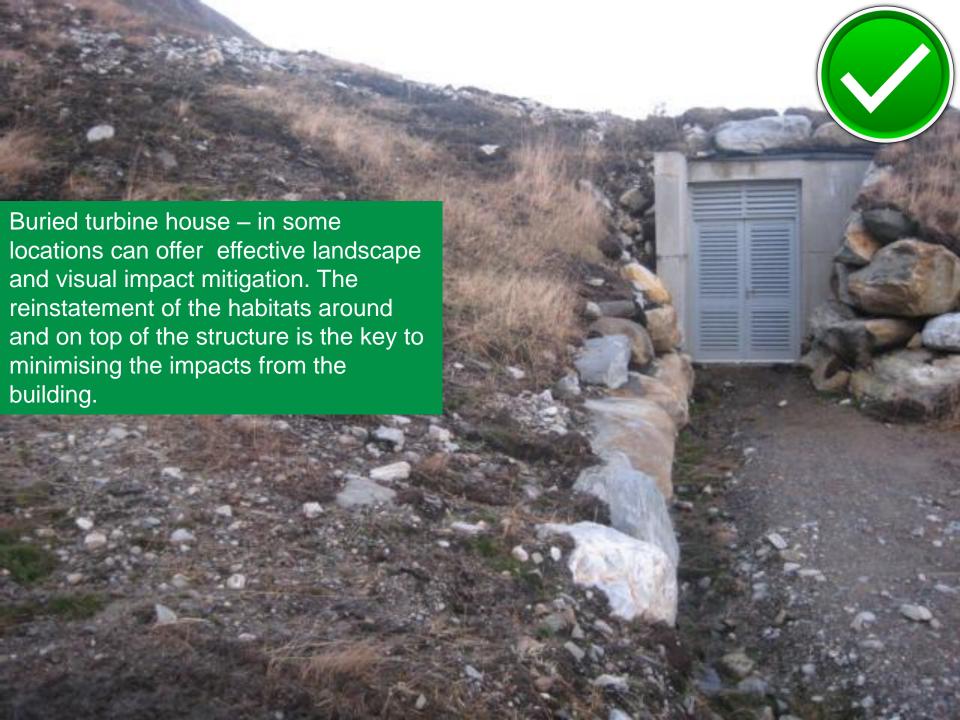
Turbine house considerations:

Roof material and colour Finish on walls and doors - material, colour etc. **Buried houses** Ancillary infrastructure















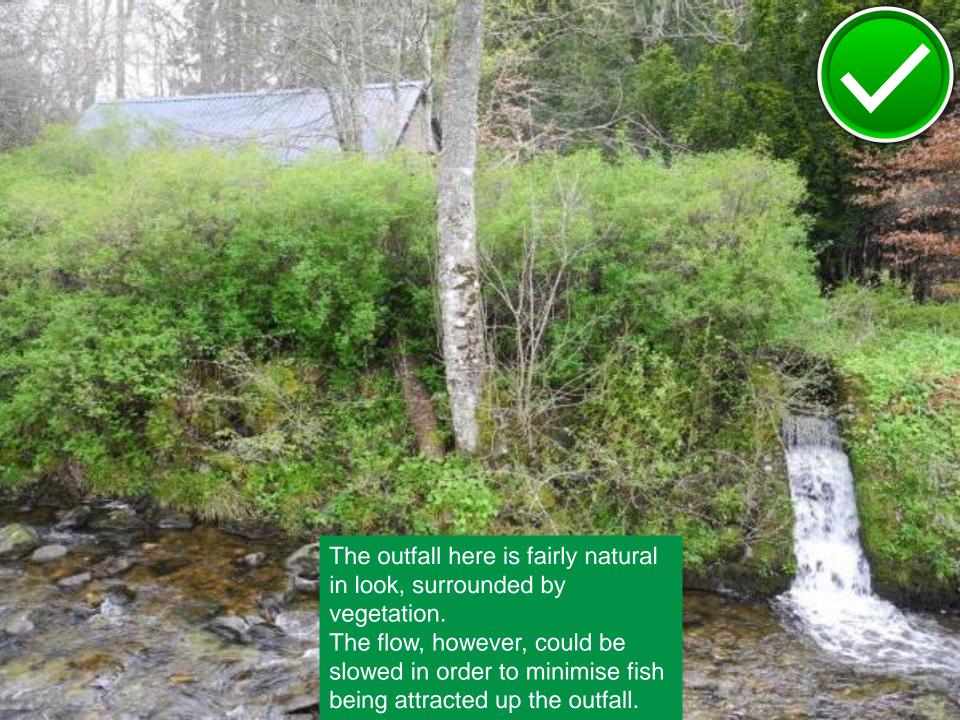
Tailrace

Discharge design
Fencing and handrail
Screen
Concrete and pipe use











Further guidance:

Pollution Hotline 0800 80 70 60

- Guide to Hydropower Construction Best practice
- Good practice during Wind Farm Construction
- Constructed Tracks in the Scottish Uplands
- https://www.nature.scot/





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