






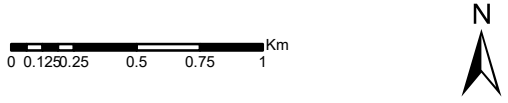
Leanachan Land Management Plan

Hydrology Map

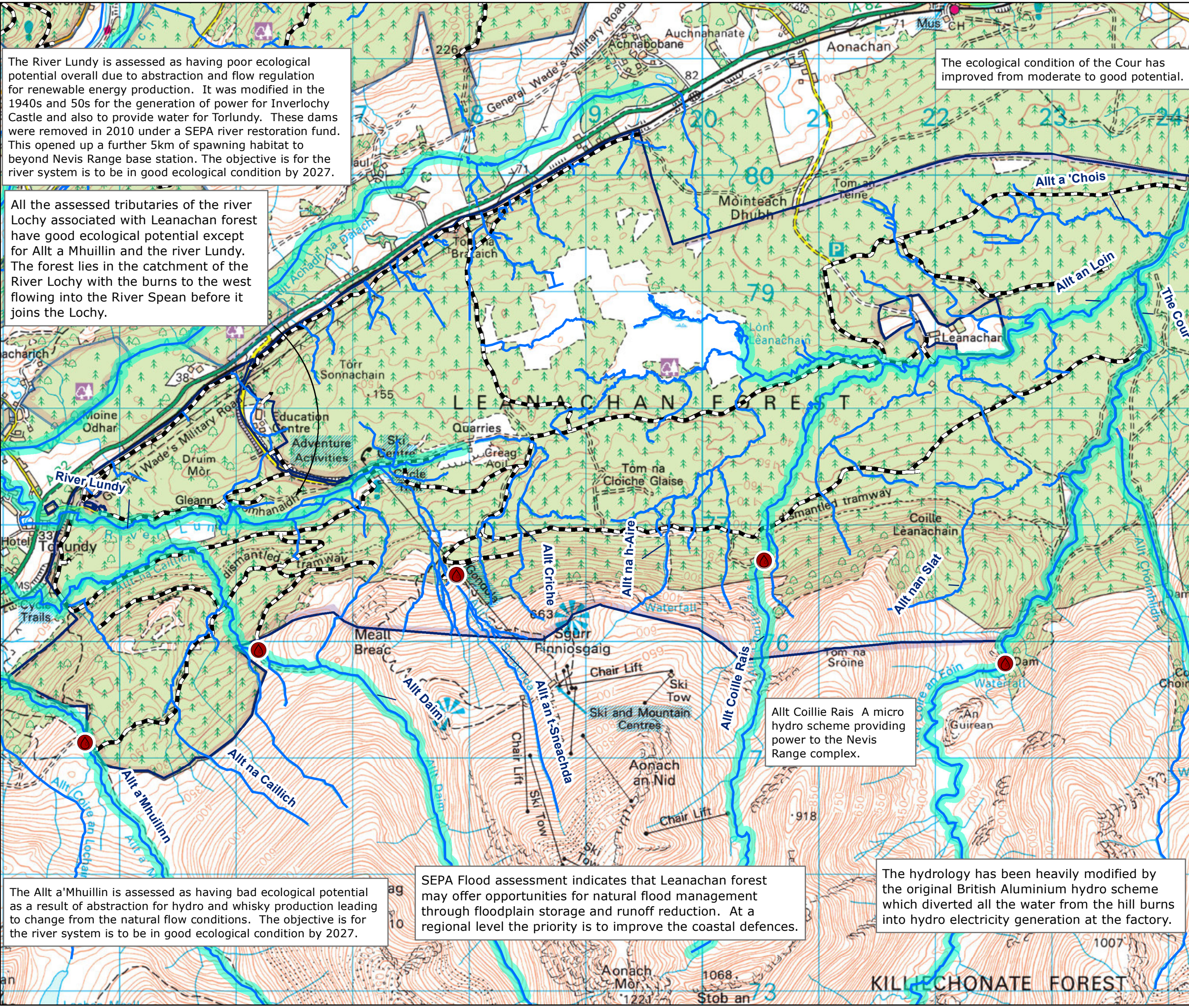
Author: U321221  
Scale @ A3: 1:30,000  
Date: 29/06/2022

Legend

-  Watercourses
-  Smelter Hydro Intakes
-  High likelihood of flooding (10%) - see SEPA Website for more details
-  Forest Roads
-  Leanachan Forest



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The River Lundy is assessed as having poor ecological potential overall due to abstraction and flow regulation for renewable energy production. It was modified in the 1940s and 50s for the generation of power for Inverlochty Castle and also to provide water for Torlundy. These dams were removed in 2010 under a SEPA river restoration fund. This opened up a further 5km of spawning habitat to beyond Nevis Range base station. The objective is for the river system to be in good ecological condition by 2027.

All the assessed tributaries of the river Lochy associated with Leanachan forest have good ecological potential except for Allt a Mhuillin and the river Lundy. The forest lies in the catchment of the River Lochy with the burns to the west flowing into the River Spean before it joins the Lochy.

The ecological condition of the Cour has improved from moderate to good potential.

The Allt a'Mhuillin is assessed as having bad ecological potential as a result of abstraction for hydro and whisky production leading to change from the natural flow conditions. The objective is for the river system to be in good ecological condition by 2027.

SEPA Flood assessment indicates that Leanachan forest may offer opportunities for natural flood management through floodplain storage and runoff reduction. At a regional level the priority is to improve the coastal defences.

The hydrology has been heavily modified by the original British Aluminium hydro scheme which diverted all the water from the hill burns into hydro electricity generation at the factory.

Allt Coillie Rais A micro hydro scheme providing power to the Nevis Range complex.