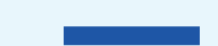

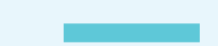
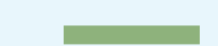



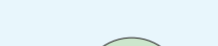






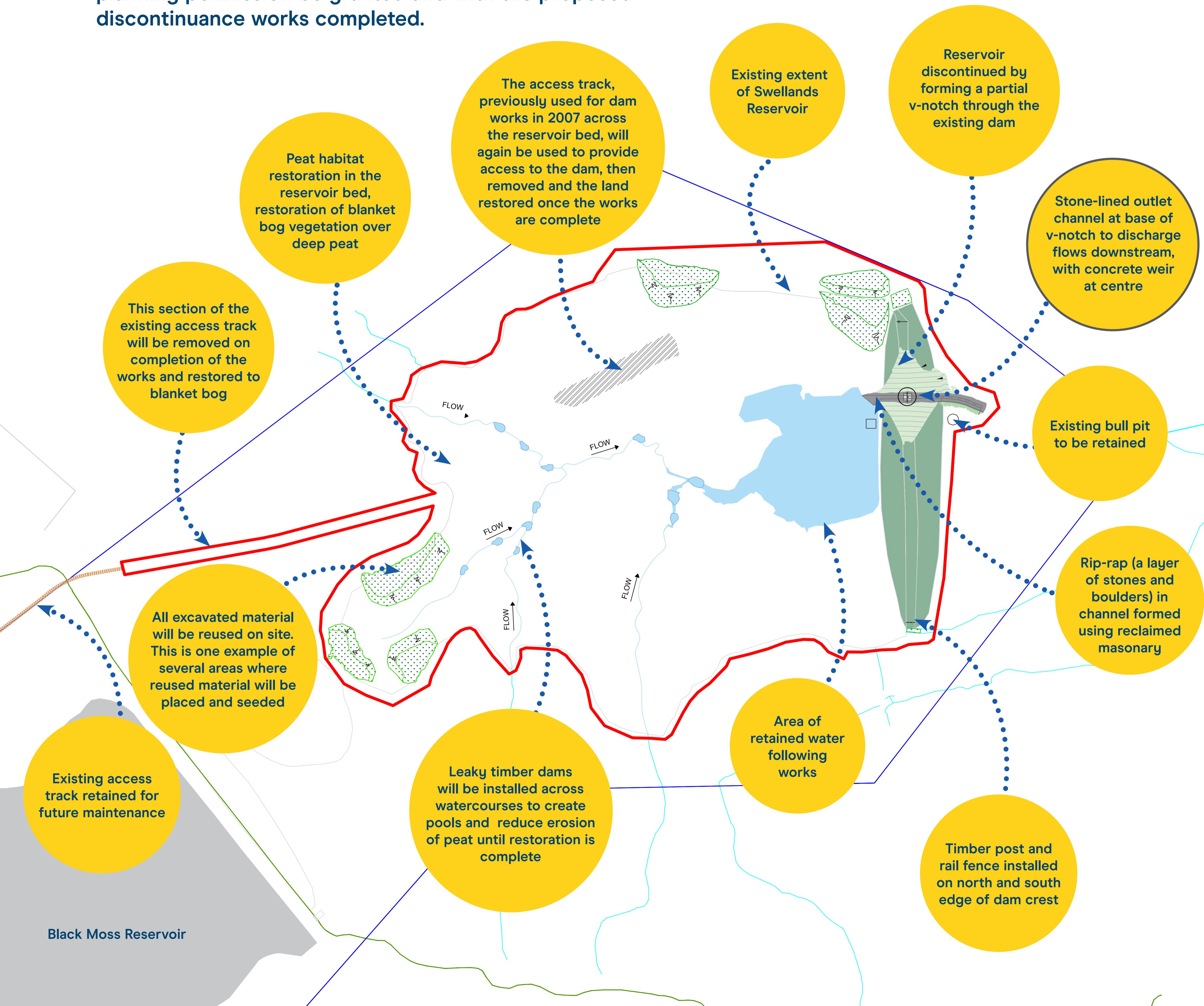
Canal & River Trust is proposing to permanently draw down (drain) and discontinue Swellands Reservoir. This plan illustrates how the reservoir will look should planning permission be granted and with the proposed discontinuance works completed.



# Swellands Reservoir Plans

## Key

-  Canal & River Trust Land Ownership Boundary
-  Planning Application Boundary
-  Watercourse
-  Pennine Way
-  Existing Dam Embankment
-  Proposed Top Water Level
-  Area of Seeded Reused Material
-  Proposed Partial V-Notch
-  Existing Timber Access Track
-  Residual Elements of Previous Access Track
-  Direction of Water Flow
-  Rip-rap Formed Using Reclaimed Masonary



Peat habitat restoration in the reservoir bed, restoration of blanket bog vegetation over deep peat

The access track, previously used for dam works in 2007 across the reservoir bed, will again be used to provide access to the dam, then removed and the land restored once the works are complete

Existing extent of Swellands Reservoir

Reservoir discontinued by forming a partial v-notch through the existing dam

Stone-lined outlet channel at base of v-notch to discharge flows downstream, with concrete weir at centre

This section of the existing access track will be removed on completion of the works and restored to blanket bog

Existing bull pit to be retained

All excavated material will be reused on site. This is one example of several areas where reused material will be placed and seeded

Rip-rap (a layer of stones and boulders) in channel formed using reclaimed masonry

Existing access track retained for future maintenance

Leaky timber dams will be installed across watercourses to create pools and reduce erosion of peat until restoration is complete

Area of retained water following works

Timber post and rail fence installed on north and south edge of dam crest

Black Moss Reservoir