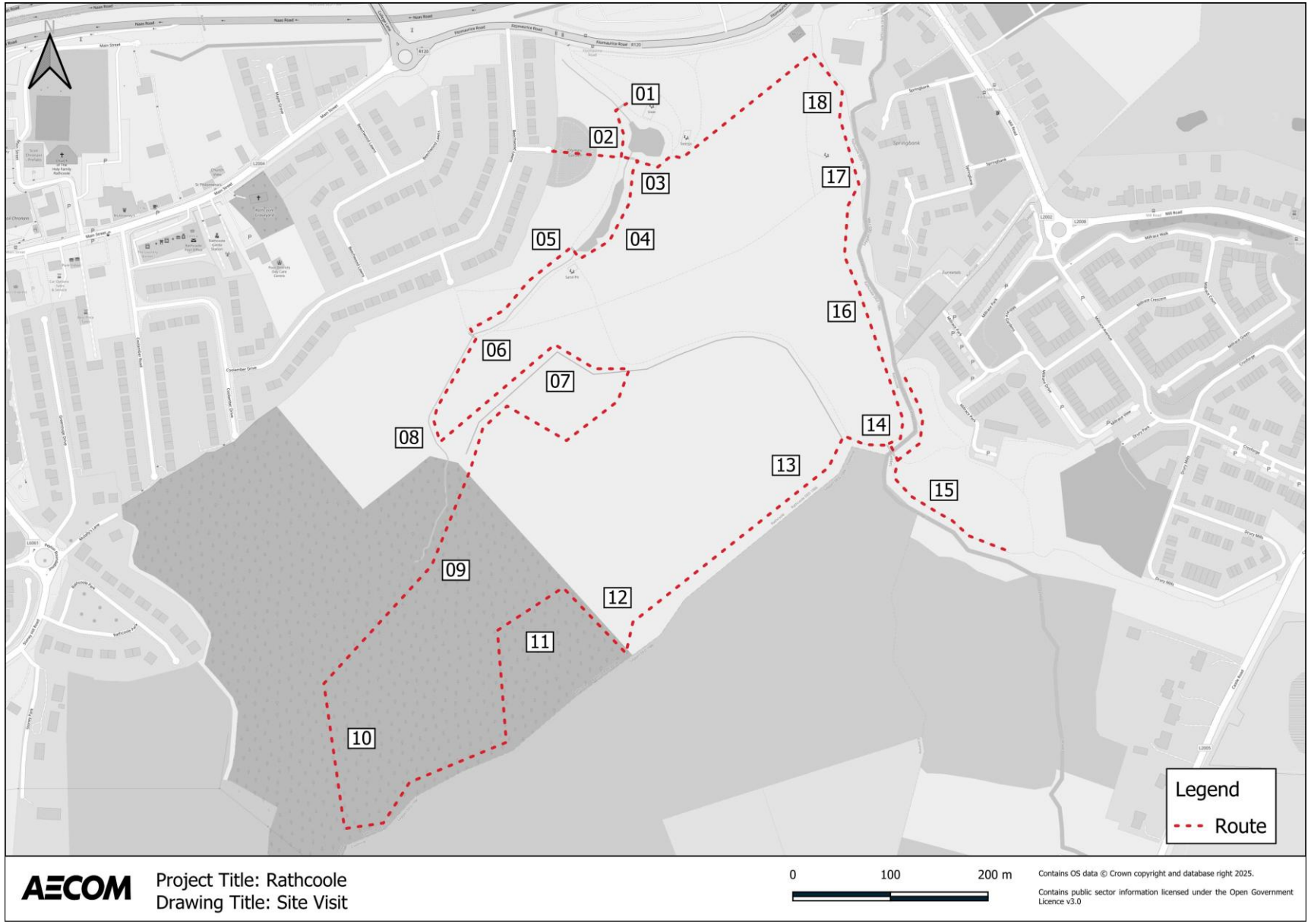
Rathcoole

Site Visit 19/09/25

H.Jeffreson & C.Dodd

Site Visit Route & Target Notes



01

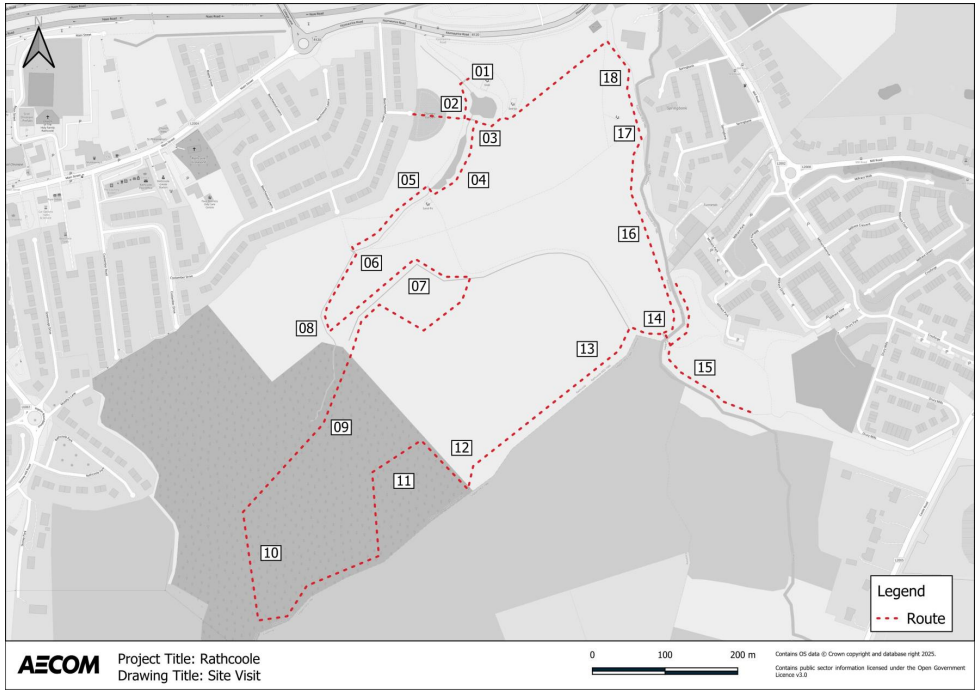
Narrow channel approximately 1 m wide at the downstream extent of site

Choked with aquatic/ riparian vegetation

Small weir at outflow of pond dictates flow



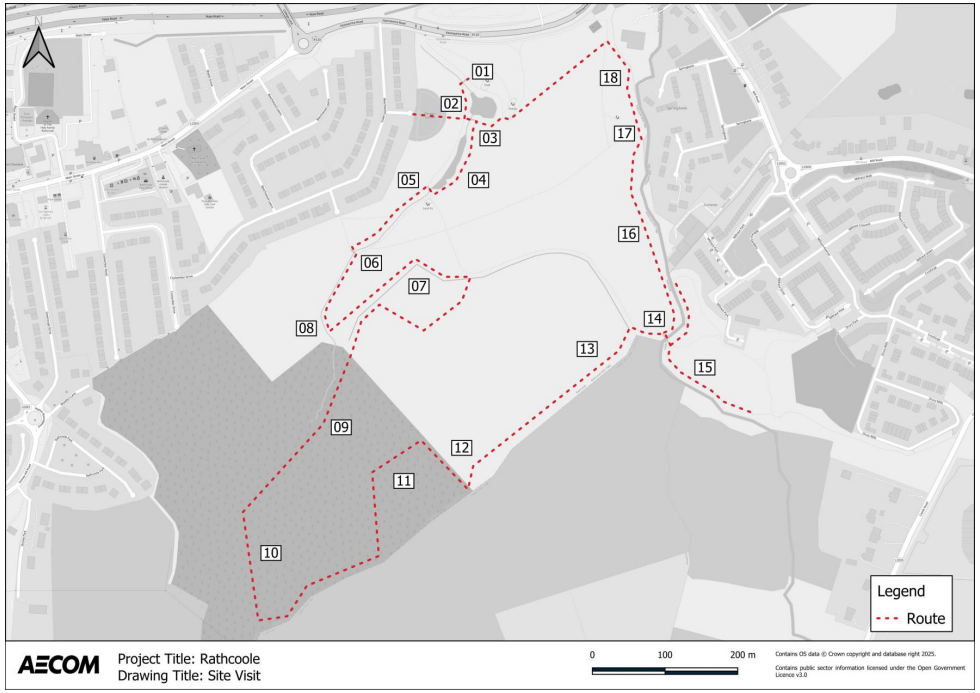




02

Pond appears to be artificial with marginal riparian vegetation and an island with willow sp.

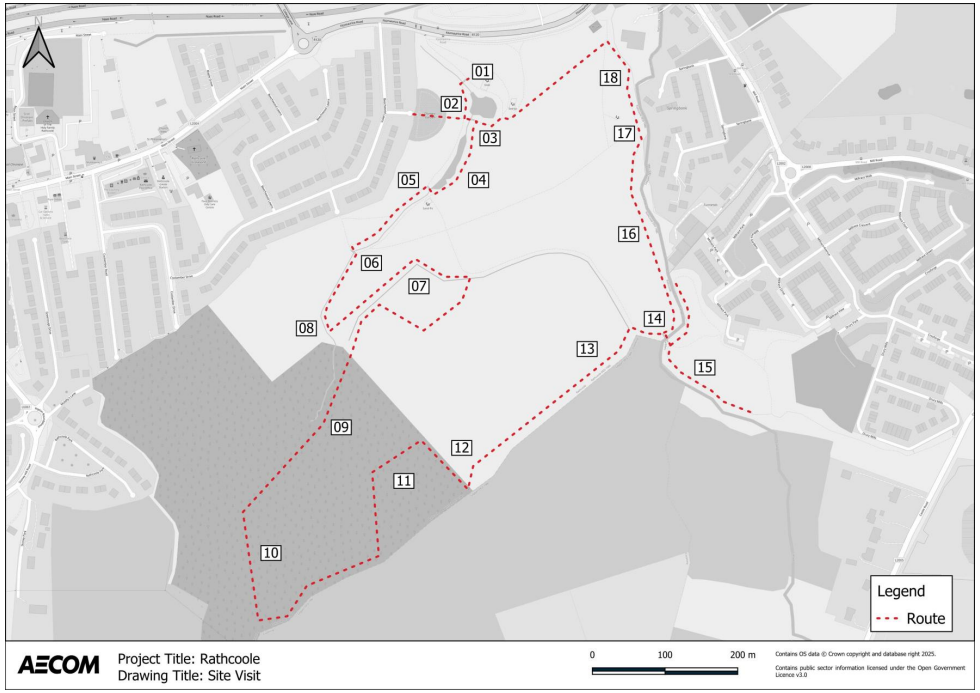




03

Pond is fed by narrow channel approximately 1 m wide and controlled by weir approx. >2m in height





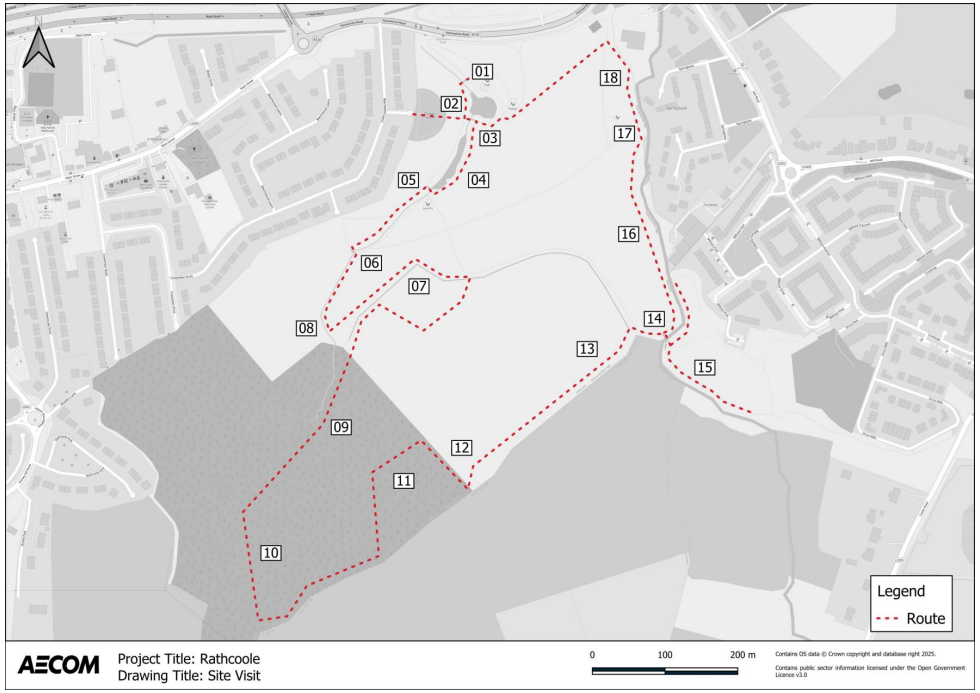
04

Central channel through park has regular impoundments approx. 1m in height

Channel opens up into wider wetland area dominated by aquatic/riparian vegetation

Possible location of spring





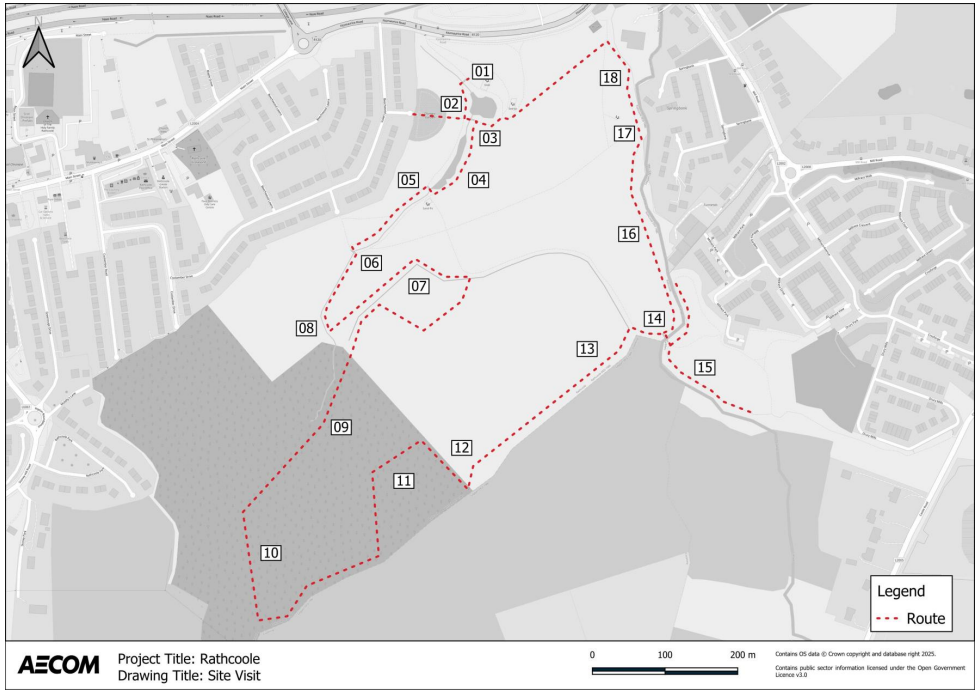


05

Upstream the wider wetland area narrows and contains significant sediment deposition

Stream is approximately 1m wide at this location



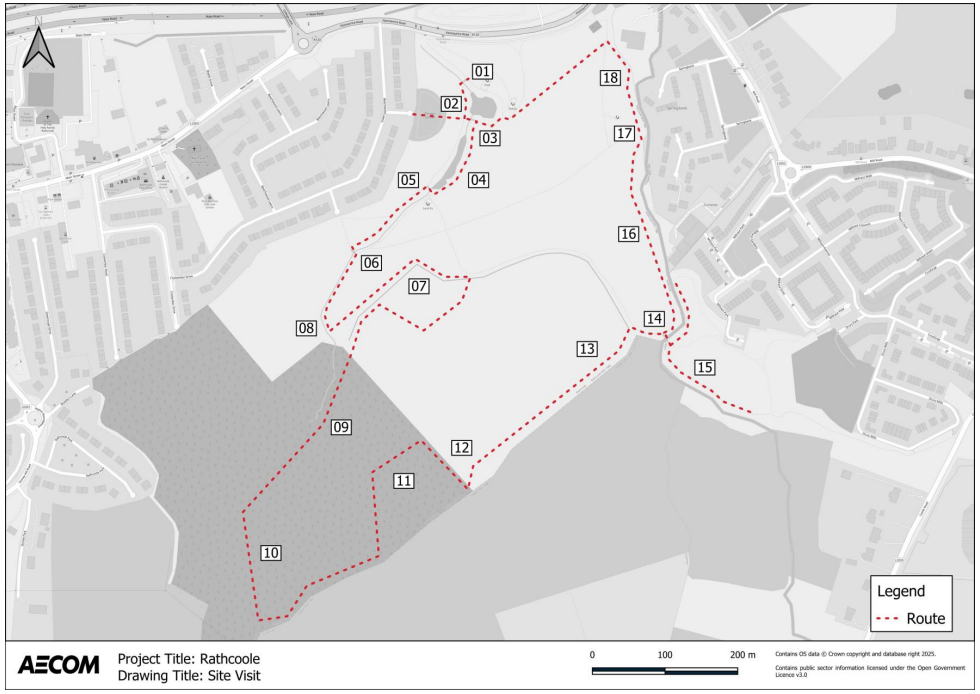




06

Central channel through park is culverted at the upstream extent and appears modified throughout the reach





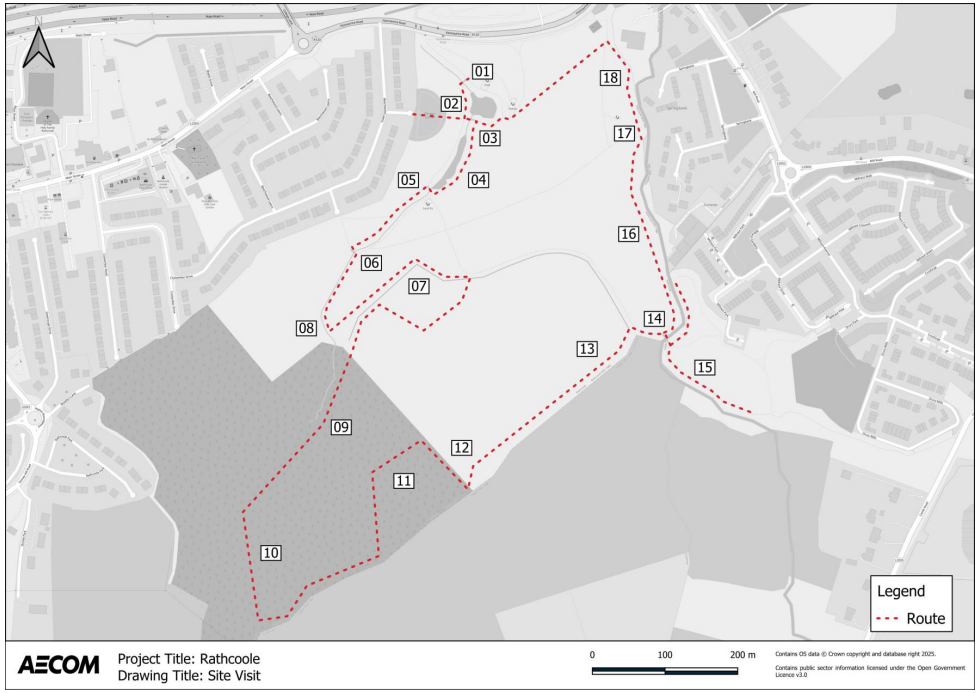


07

Central area of park is predominantly amenity grassland with areas of rough grassland

No springs were found or signs of pockets of wetland vegetation characteristic of springs observed



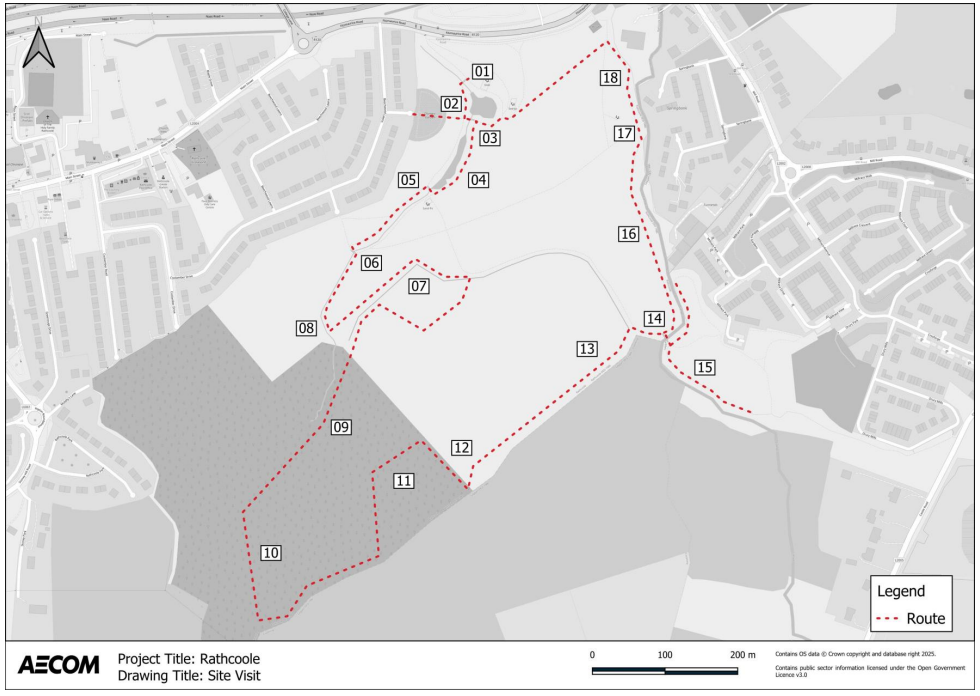


08

Central channel is fenced off on left bank through woodland area

Channel is heavily vegetated and displays no geomorphological diversity





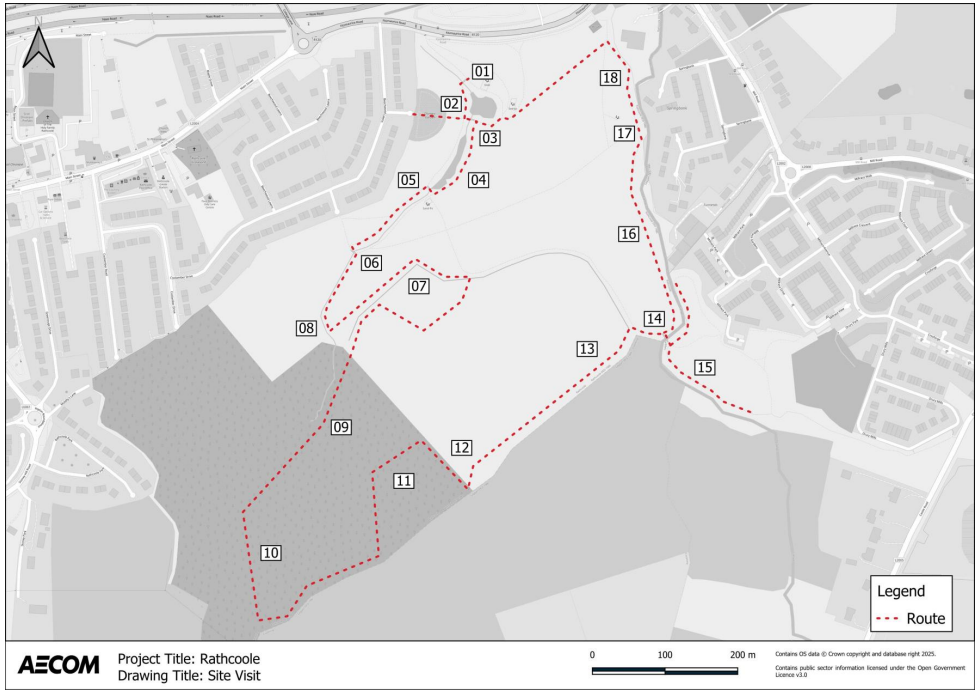


09

Separate channels intersect the woodland

All appear to be deepened, straightened, and culverted



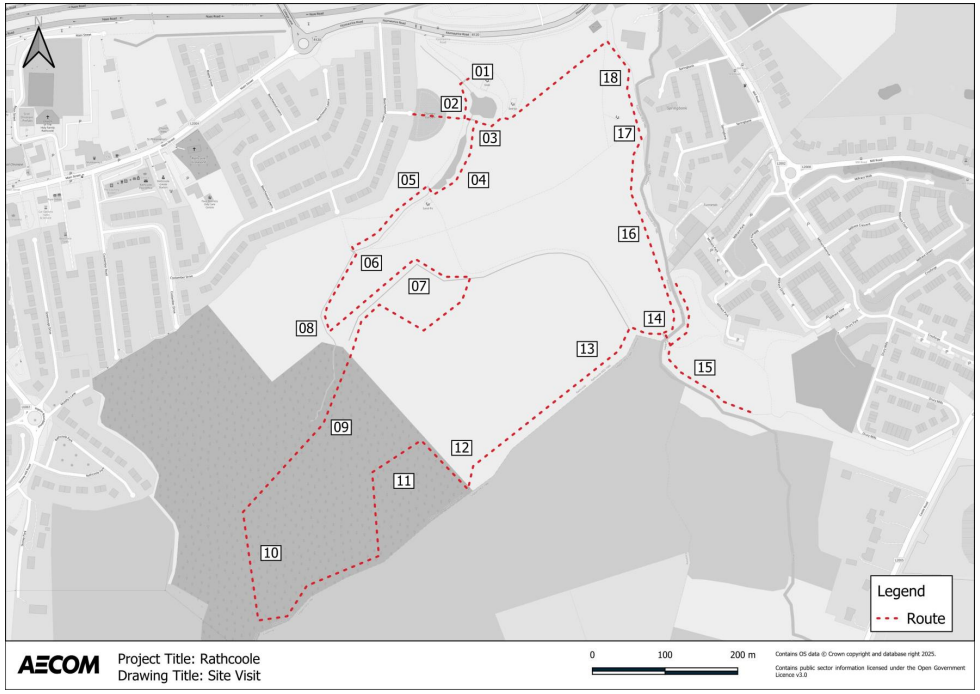


10

Woodland is dominated by common terrestrial species such as bramble, willow, birch, etc.

Dense woodland is periodically broken by openings where grassland habitat is dominant



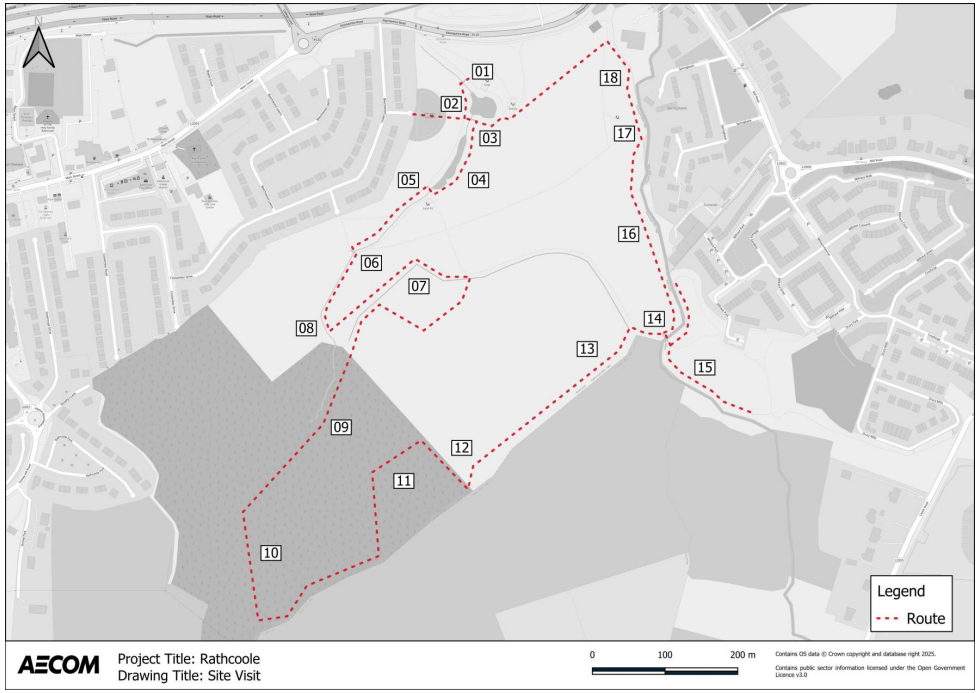




11

Woodland becomes denser with heavy shading – no obvious water environment considerations



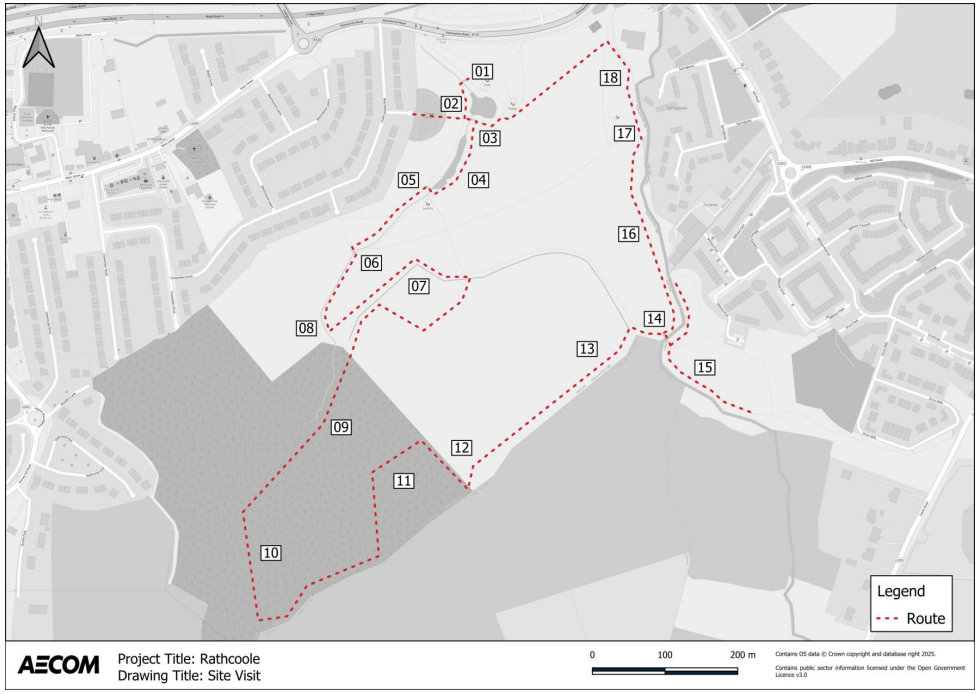


12

Deepened ditch approx. 2m wide runs along southern boundary of woodland

Channel is straightened and heavily shaded





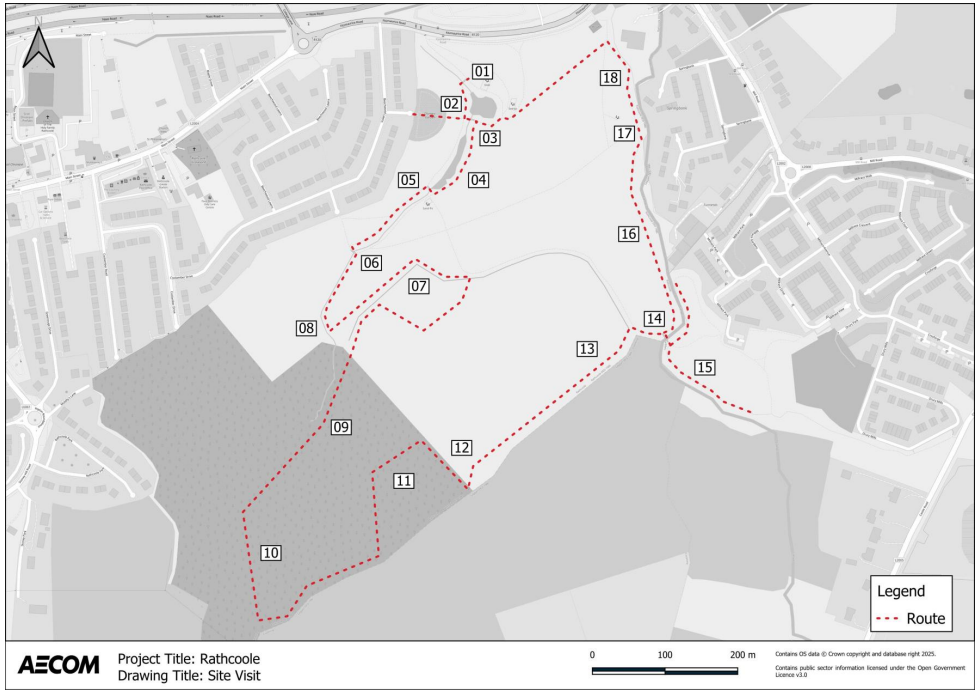


13

Potential spring location along southern boundary showed no obvious signs of wetland vegetation or upwelling of water

Ditch at this location remains consistent with target note 12





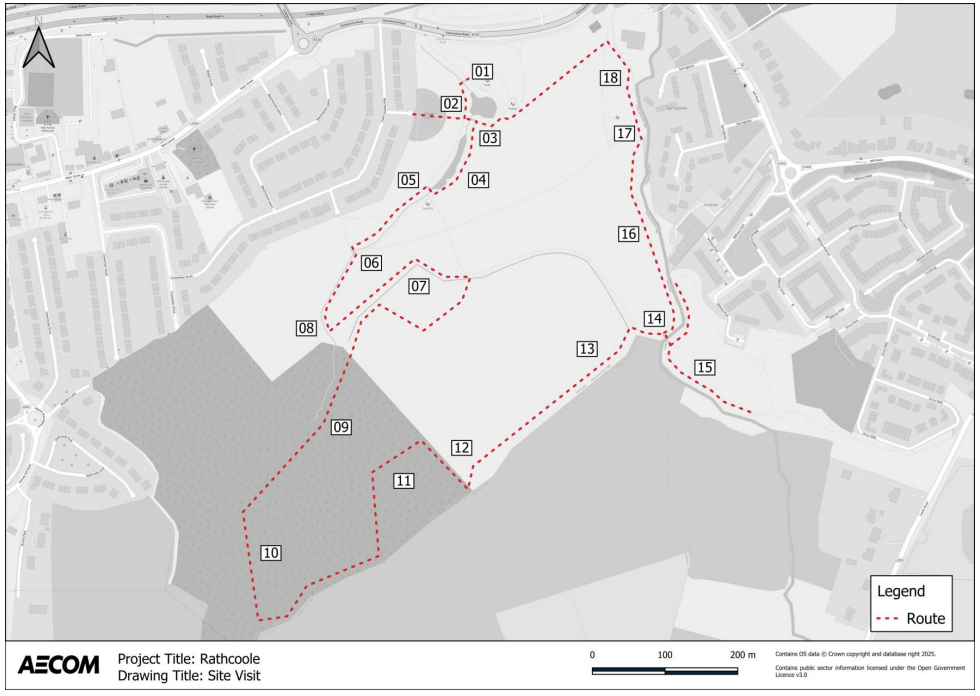
14

Bridge crosses the River Camac which show a range of geomorphic processes within this location, including:

Gravel deposition, marginal wetland plants, flow variation



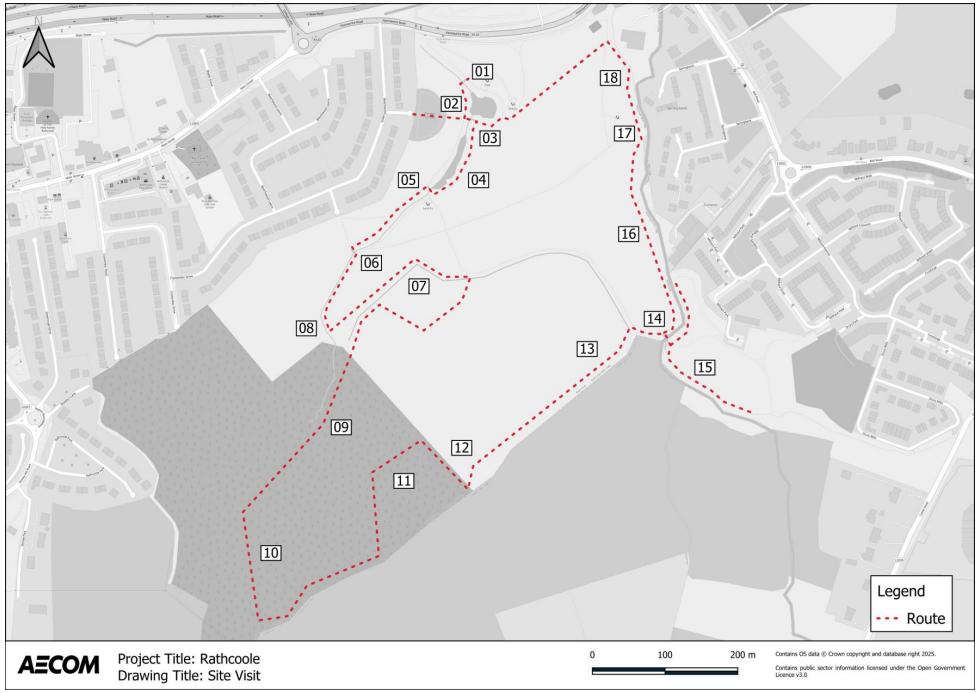




15

Upstream of bridge River Camac displays signs of a morphologically valuable river channel







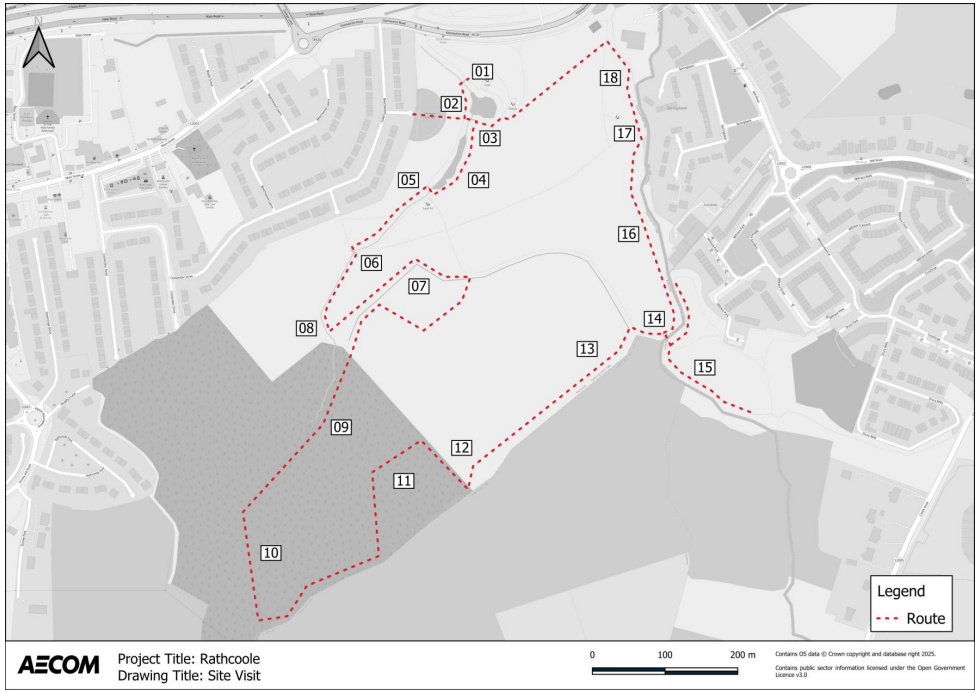
16

Downstream of bridge channel narrows and deepens

Shows signs of modification and regular management

May be related to presence of residential properties close to right bank



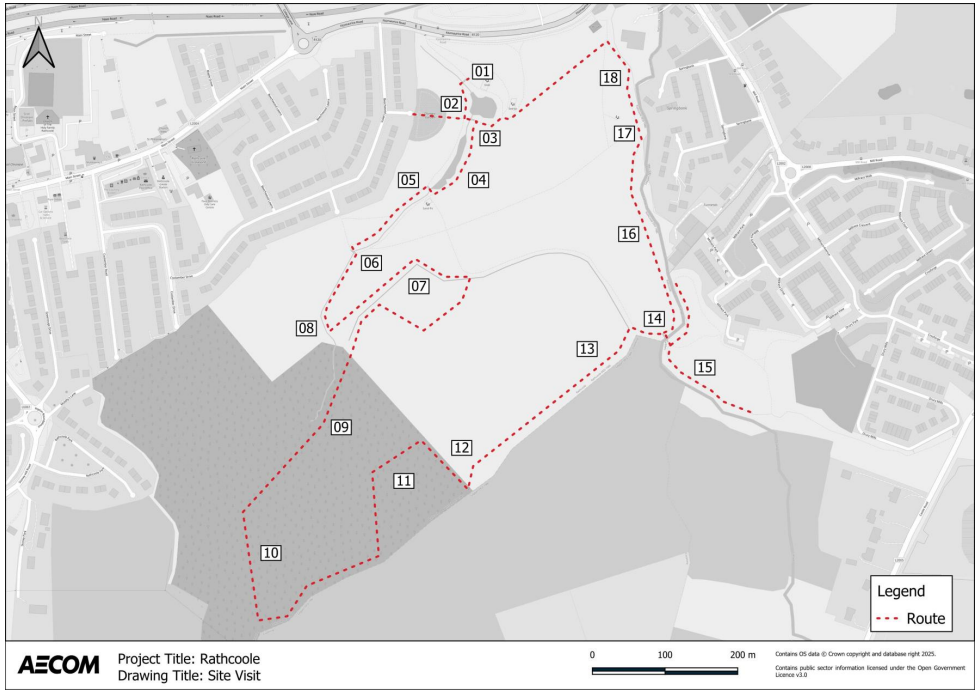


17

River Camac is straightened and choked with riparian vegetation

A number on drainage outfalls enter the river along the eastern boundary of the park – possibly draining the sports pitches and amenity grassland





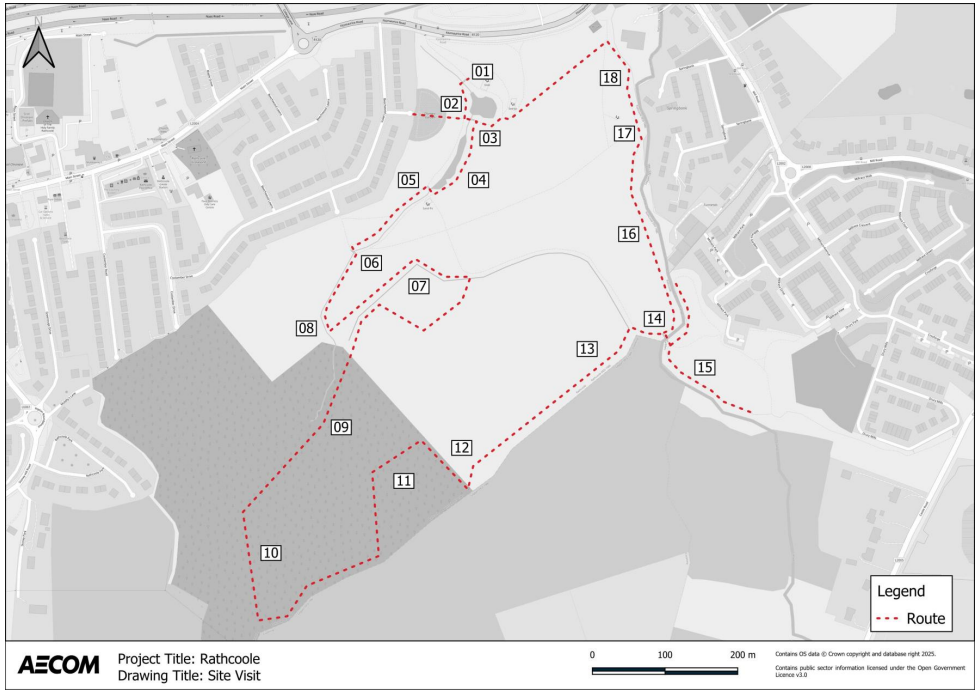


18

Downstream extent of River Camac is wider (approx. 2m) and less modified

River moves away from park boundary at this location







Summary

Springs
- Possibly present along central channel of park
- Not visible in other locations

Central Channel
- Approx 1m wide throughout and modified through deepening, straightening, and regular impoundments
- Contains pond at downstream extent

River Camac
- Morphologically diverse at upstream extent although reduces in complexity as it passes residential properties
- Middle and lower reaches within park appear modified

Woodland
- Channels within woodland have been deepened, straightened, and culverted in places
- Predominantly mixed broadleaf woodland