

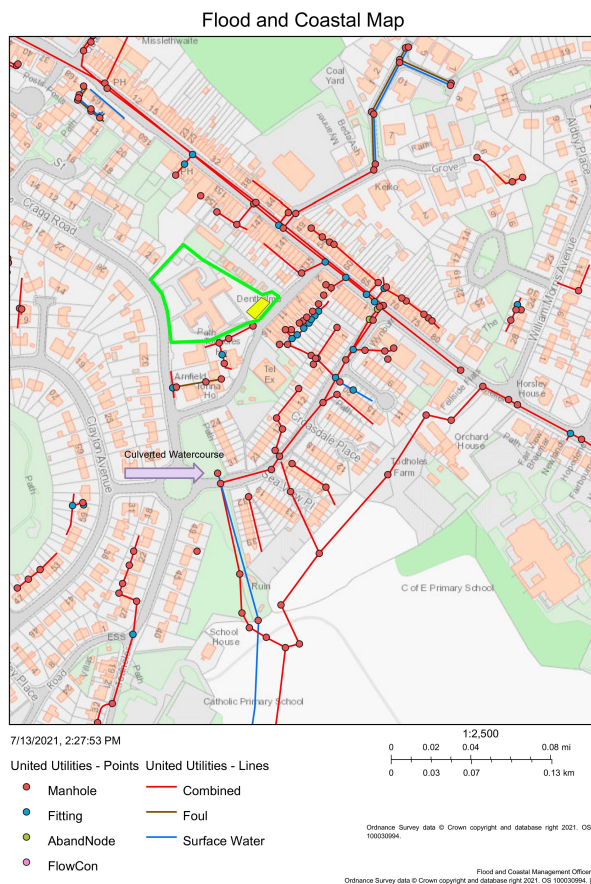
## Dentholme Drainage Hierarchy Statement

### Ground Infiltration

Ground Conditions Report (attached), demonstrates the site is unsuitable for ground infiltration.

### Surface Water body

A culverted watercourse to the South of the Site was identified. A full Site Investigation of existing inspection chambers was conducted and no evidence that the water course passes the site was found.



Email from [REDACTED]

Tue 30/11/2021 09:51

Hi all,

I can confirm that my concerns about following the drainage hierarchy have now been addressed.

As expected, evidence that ground conditions are unsuitable for surface water disposal has been provided.

Investigations have failed to identify culverted watercourses on site, but have identified highway drains on site.

In the first instance, Cumbria Highways should be contacted regarding the feasibility of surface water disposal via the highway drainage.

However, should Cumbria Highways refuse, then discharge into the combined sewer at an agreed controlled rate would be an acceptable solution.

Therefore, I have no objection to the proposed development.

Regards  
Dave

**David Bechelli**

Flood and Coastal Defence Engineer  
Environmental Health  
Copeland Borough Council

Tel: 01946 593048

Fax: 01946 592525

E-mail: [David.Bechelli@copeland.gov.uk](mailto:David.Bechelli@copeland.gov.uk)

### Highway Drainage system

Email from [dmandlfa\\_west@cumbria.gov.uk](mailto:dmandlfa_west@cumbria.gov.uk)

Mon 06/12/2021 15:20

... I have discussed this with my colleague for advice. Highways would not allow surface water to be discharged into their system as it is already at capacity. As the other dwellings use the combined sewer, we would advise the surface water be discharged into the combined system.

Kind Regards,

Carrie-Anne Weir

Planning Applications Officer  
Flood & Development Management  
Economy & Infrastructure | Cumbria County Council  
Parkhouse Building | Baron Way | Carlisle | CA6 4SJ

Work Phone: 07551678457

### Combined sewer

Following the drainage hierarchy and having ruled out the above, we proposed to discharge surface water into the existing Combined Sewer on Todholes road. See the proposed site plan.