

Avon Plants



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Growing Commercially Since 1976

**North Somerset Planning
Post Point 15
Town Hall
Weston-s-Mare**

24th October 2022

Dear Sir/Madam

Flood Risk Assessment and Sustainable Drainage Strategy (surface water)

- **The area is in Flood Zone 3a which may flood once in 100 years. According to the information online the site is very unlikely to be affected by climate change over the next 100 years.**
- **All surfaces are level so any run-off created is dispersed evenly.**
- **The whole area is drained by a network of ditches which run into rivers, which run into the Bristol Channel. Therefore flooding is unlikely as the Bristol Channel is tidal.**
- **The site is 7metres above sea level and surrounded by a network of ditches know as ryhne's. These ryhne's run directly into the rivers BANWELL and CONGRESBURY YEO.**
- **On site a series of underground land drains are already in place to distribute water evenly into the sounding ryhen's.**

Cont...

- With Bristol Water currently charging in the region of £1.50 per cubic meter for water, we intend to collect and store surface water for use on the nursery. This means collecting all rainwater off of current buildings on site and storing the water in tanks ready to use on the crop.
 - A recent porosity test showed that a pint of water in an excavated hole 10 inches deep disappeared in 5 seconds due to the site being covered previously in gravel to a depth of 6 inches.
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Yours Faithfully



CHRIS ILES