Rule Number and description	Rule 7 Any land within 5 metres of inland freshwaters and coastal waters must be protected from significant soil erosion (20 metres long x 2metres wide) by preventing poaching by livestock	Rule 8 Livestock feeders must not be positioned: a) within 10 metres of any inland freshwaters or coastal waters b) within 50 metres of a spring, well or borehole c) where there is significant risk of pollution from poaching around the feeder entering any inland freshwaters or coastal waters
Any overlaps with Cross Compliance (XC) or Nitrate Vulnerable Zone (NVZ) requirement	Yes. XC GAEC 5	Some. These specific distances are not part of XC but damage from supplementary feeding is covered by GAEC 5 where this practice causes soil erosion.
Extra points to consider		

Useful links: <a href="https://ahdb.org.uk/nutrient-management-guide-rb209">https://ahdb.org.uk/nutrient-management-guide-rb209</a>

https://www.gov.uk/guidance/cross-compliance-2019

 $\underline{\text{https://www.gov.uk/government/collections/nitrate-vulnerable-}} \\ zones$ 



## Farming Rules for Water – How to Comply

Any overlaps with Cross Compliance (XC) or Nitrate Vulnerable Zone (NVZ) requirement	Rule 1 a) Application of organic manures and manufactured fertilisers to cultivated land must be planned in advance to meet soil and crop nutrient needs and not exceed these levels  Planning must take into account where there is a significant risk of pollution* and the results of testing for Phosphorus, Potassium, Magnesium, pH and Nitrogen levels (through Soil Nitrogen Supply SNS) in the soil, which must be done at least every 5 years.  Yes. Compliance with NVZ rules and / or XC SMR1 will ensure FRfW compliance for N, but see 'extra points'
Extra points to consider	Key difference to pre-FRfW in non-NVZ areas, where this is a completely new ask. If you are in a Nitrate Vulnerable Zone (NVZ), then compliance with NVZ rules will ensure compliance with elements of FRW Rule 1a & b, but planning and applications need to take account of more than just N.  * Significant risk of pollution – Identify the areas of land and / or agricultural operations which have previously, or may in future, lead to significant loss of soil and / or nutrients, bearing in mind weather and ground conditions.

Rule Number and description	Any overlaps with Cross Compliance (XC) or Nitrate Vulnerable Zone (NVZ) requirement	Extra points to consider
Rule 2 Organic manures must not be stored on land: a) within 10 metres of inland freshwaters or coastal waters b) where there is significant risk of pollution entering inland freshwaters or coastal waters	2a) Yes. XC SMR 1 / NVZ  2b) Yes. In SMR 1 there is a list of requirements for siting field heaps which if met will deliver most but not necessarily all of this.	The FRfW describe the desired outcome ie no pollution, rather than listing numerous individual actions and conditions which must be implemented or met.
Rule 3 Organic manures or manufactured fertilisers must not be applied: a) if the soil is waterlogged, flooded, or snow covered b) if the soil has been frozen for more than 12 hours in the previous 24 hours - NVZ rule (SMR 1) c) if there is significant risk of causing pollution	3a) Yes. XC SMR 1 / NVZ 3b) Yes. XC SMR 1 / NVZ 3c) Some. Not part of NVZ but it is mentioned under some of XC SMR 1	XC SMR 1 is all about NVZ compliance, and covers all the NVZ rules. However, it also covers some additional requirements which broadly add the need not to pollute.

Rule Number and description	Any overlaps with Cross Compliance (XC) or Nitrate Vulnerable Zone (NVZ) requirement	Extra points to consider
Rule 4 Organic manures must not be applied: a) within 10 metres of any inland freshwaters or coastal waters, except, if precision equipment is used, within 6 metres of inland freshwaters or coastal waters b) within 50 metres of a spring, well or borehole	4a) Yes. XC SMR 1 & GAEC 1, plus NVZ 4b) Yes. XC SMR 1 & GAEC 1, plus NVZ	
Rule 5 Manufactured fertiliser must not be applied within 2 metres of inland freshwaters or coastal waters	Yes. XC SMR 1 & GAEC 1, plus NVZ	
Rule 6 You must take all reasonable precautions** to prevent significant soil erosion and runoff from: a) the application of organic manure or manufactured fertiliser b) land management and cultivation practices (such as seedbeds, tramlines, rows, beds, stubbles (including harvested land with haulm), polytunnels and irrigation) c) poaching by livestock	6a) Some. Not specifically mentioned in XC, though soil loss from cultivations is (GAEC 5).  6b) Yes. XC GAEC 5  6c) Yes. XC GAEC 5	** Reasonable precautions  - employ mainstream farming practices to mitigate likely runoff and / or erosion, based on local knowledge and experience of the land.