



## **DAFM Inspection Reports 2021**

Is there evidence that <u>surface waters</u> are not fenced off to a minimum of 1.5m (5') from the top of the river bank or waters edge (applicable only to holdings with a GSR >170kg N ha)

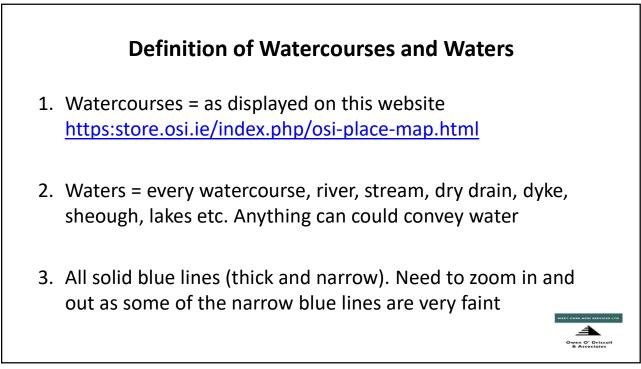
Is there evidence that supplementary drinking points are located within 20m (65') of <u>surface waters</u> (applicable only to holdings with a GSR >170kg N ha)

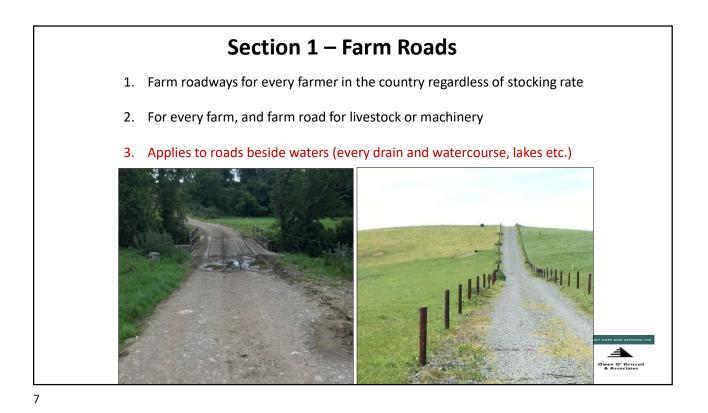
Is there evidence of direct discharge of soiled water from farm roadways to waters



Watercourses and drinking points	Farm Roads
<ul> <li>Fence off animals from waters – why?</li> <li>No cattle access – Why?</li> <li>No drinking points?</li> </ul>	<ul> <li>Slope away from waters</li> <li>Bund between road and waters</li> <li>Divert water on roads into fields</li> </ul>
<ul> <li>Buffer zones/Riparian zones?</li> <li>Critical source areas?</li> <li>What are the main issues – sediment/nutrients/bank damage?</li> <li>Alternative supply/Cost/Rented Land?</li> </ul>	<ul> <li>Sediment traps</li> <li>Clay banks to prevent run-off</li> <li>How often do cows defecate/urinate/day on roads?</li> </ul>
<u>Water Troughs</u> Issues are sediment and run-off? How far away from waters? What's carried in the sediment? Solutions?	Bridges/Culverts Why? Benefits for cow? Benefits for water quality? Cost V's Return – what return?

Terms	Whole Farm Stocking	WFSR from grazing	Grassland Stocking		
	Rate (WFSR)	livestock (WFSR from	Rate (GSR) excluding		
		GL) excluding N	N imports/ exports		
		imports / exports			
Definition	Organic N produced	Organic N produced by	Organic N produced by		
	by grazing livestock	grazing livestock on	grazing livestock on		
	+/- N imports or	the holding + holding	the holding ÷		
	exports ÷ holding area	area (grassland +	grassland area		
	(grassland + arable).	arable).			
Fencing watercourses			Applies where GSR >		
Bovine exclusion			170 kg N ha		
Crossing points			Watercourses		
Setback water troughs			Applies where GSR >		
			170 kg N ha		
			Watercourses		
Farm roadways	Applies to all farms	Applies to all farms	Applies to all farms		
Waters			I		
Watercourses = <u>https:store.osi.ie/index.php/osi-place-map.html</u>					



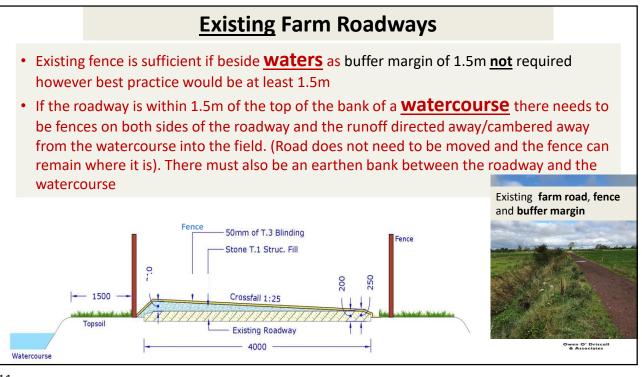


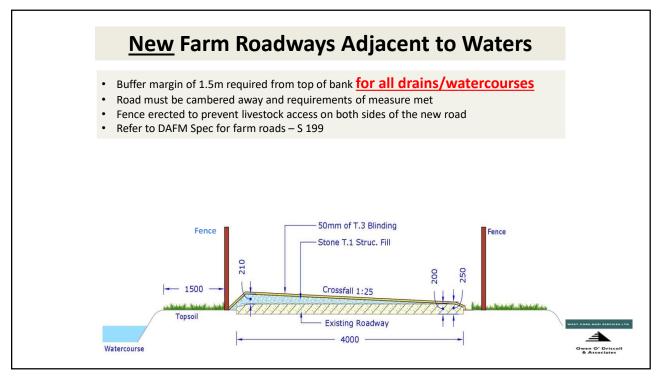


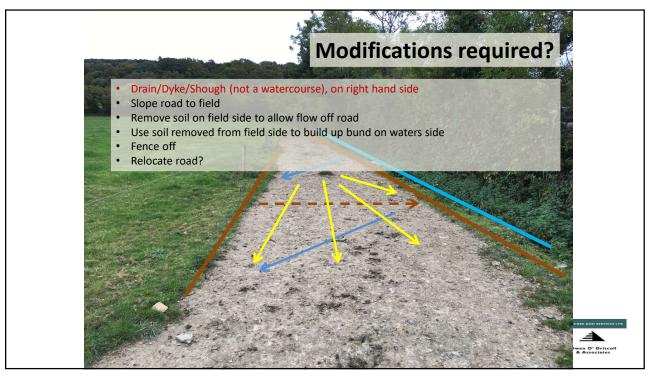




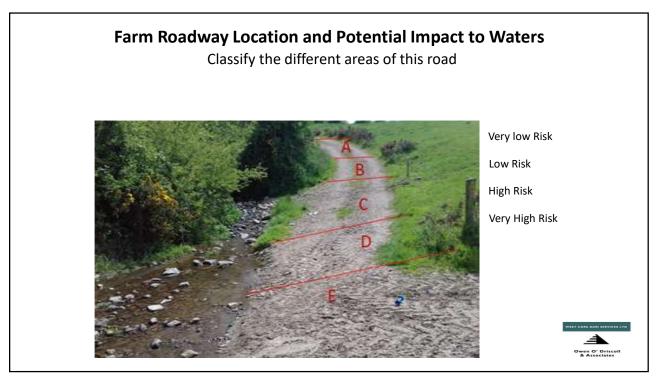


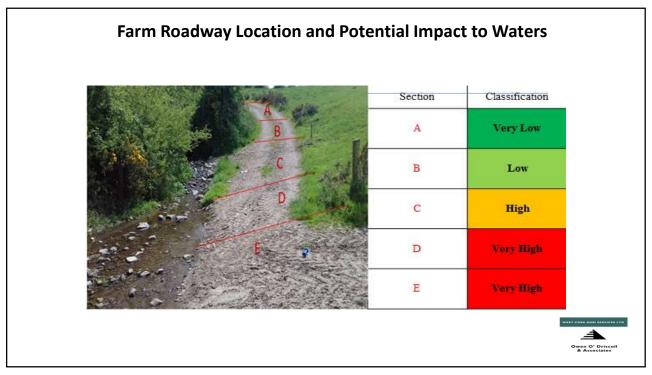


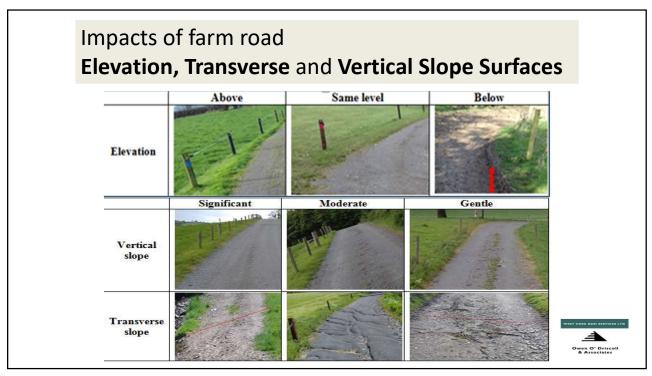




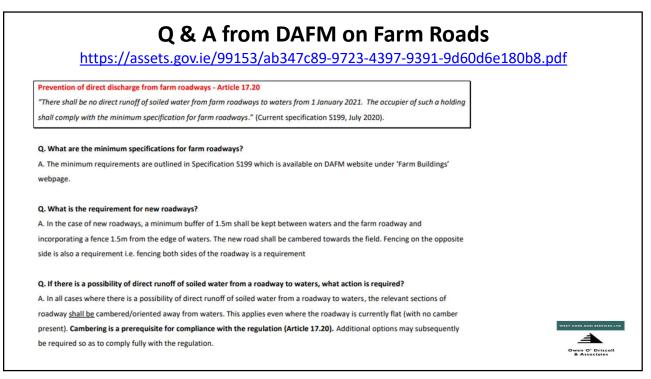


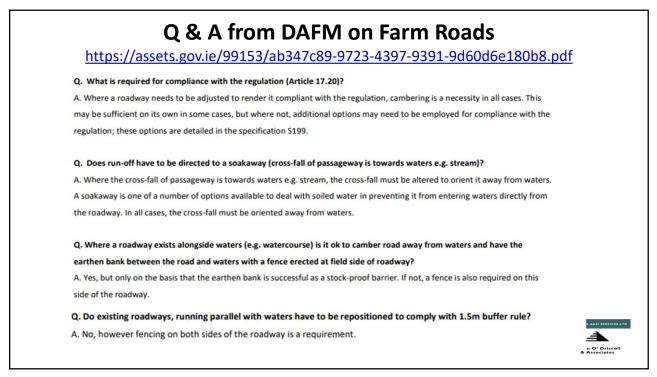


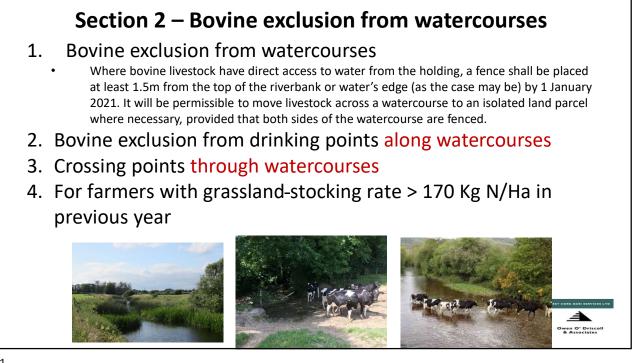


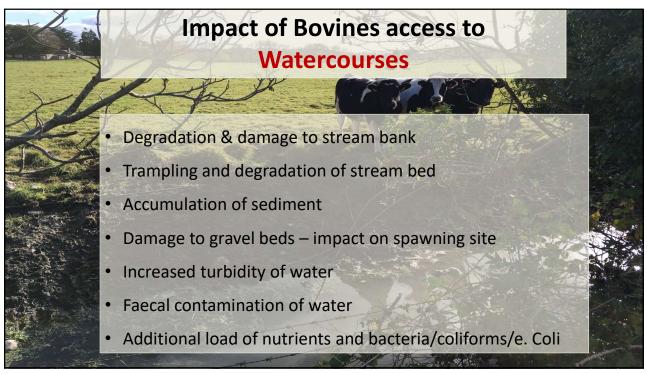


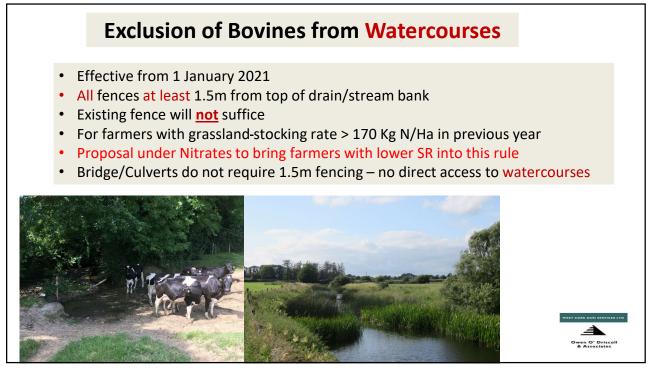


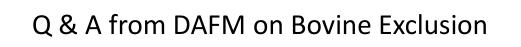












The following is applicable to holdings with grassland stocking rates of ≥170kgs N/ha

Prevention of water pollution from direct discharge to watercourses.

Q. Is the grassland stocking rate after or before exports/imports have been accounted for?

A. It is the figure prior to adjustment for exports.

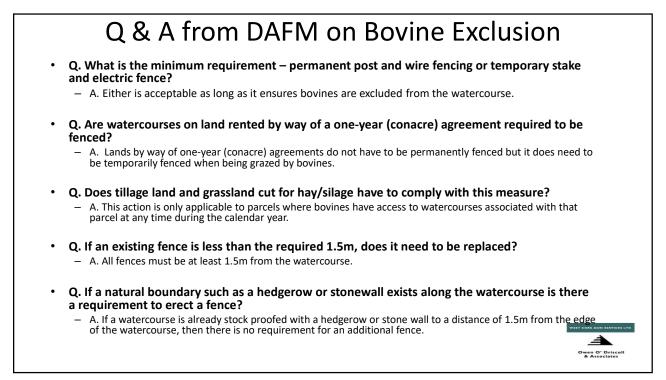
Q. For 2021, is it based on the predicted 2021 GSR or the actual previous years stocking rate.

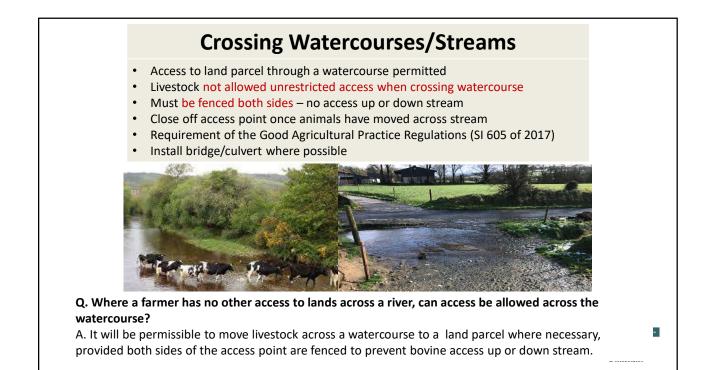
A. It is based on the previous year's GSR, - 2020 SR in 2021.

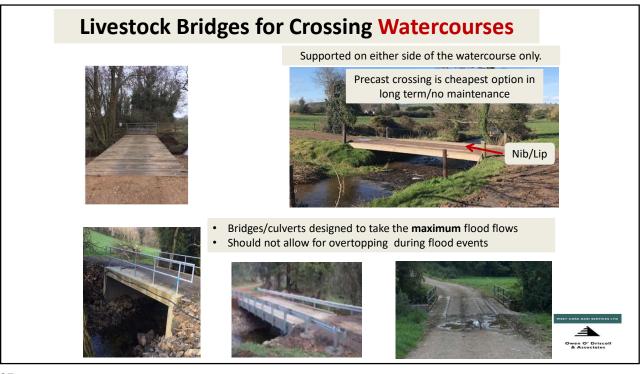
Q. What is the definition of a watercourse for the purpose of the implementation of the new measures?

A. Watercourses identified on the 1:5000 scale OSi map will be the watercourses used for the implementation of this measure. Maps of these watercourses are available at <u>www.osi.ie</u> online store/professional products/land and property/place map/customise.

https: store.osi.ie/index.php/osi-place-map.html (Scale OSi 1:5,	,000). All continuous blue lines as identified need to be fenced in
2021.	Exclusion of bovines from watercourses (Article 17.18).
	Where bovine livestock have direct access to water from the holding, a fence shall be placed at least 1.5m from the top of the
	riverbank or water's edge (as the case may be) by 1 January 2021. It will be permissible to move livestock across a watercourse to
	an isolated land parcel where necessary, provided that both sides of the watercourse are fenced.







## **Rivers and Legislation**

- It is an offence under the Fisheries Acts to disturb the bed or gravel of streams from mid-September to mid-May where fish may spawn or have already spawned.
- Contact should be made with Inland Fisheries Ireland (IFI)
- Earliest possible stage in the planning and design process where works such as road construction, installation of culverts and bridges, the crossing of rivers/streams with pipelines and works on and in the environs of waters are planned.
- Such consultation will enable those concerned to comply with the provisions of the Fisheries Acts and Habitats Regulations.
- Planning permission may also be required
- National Parks and Wildlife (NPWS) may also need to be contacted

Cost & Return of installing a bridge	
Cost €15,000	
Return       €         Save 8 cases of lameness x €300 =       2,400         Crossing the river 79 days each year X 0.25 hour x 2 X €20 =       790         Total       €3,190         Return = 3,190/15,000 X 100 = 21%       Other benefits that could add to the return: getting to grass earlier, avoidance of day and night paddocks, ease of management etc.	
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