

# Nitrate Vulnerable Zones (NVZ) inspection: Initial assessment checklist

**Initial assessment of fertiliser and manure management plan and record keeping requirements. (detailed checking will be undertaken later in the inspection process)**

1. **Fertiliser and manure management plan (FMP)** – Confirm that the following elements of the FMP are present where applicable.

	Yes	No	N/A
<b>Risk assessment plan:</b> If the business applies any type of organic manure to land within the NVZ, a Risk Assessment Plan must have been prepared.			
<b>Calculation of slurry / poultry manure storage capacity:</b> The business must have completed a storage capacity calculation. A storage calculation is not required where poultry manure is stored in field heaps, in accordance with the rules on temporary field storage.			
<b>Nmax calculation:</b> The business must have prepared an Nmax calculation for each crop type grown on the farm.			

2. **Records** – Confirm that records exist for each of the following categories where applicable

	Yes	No	N/A
The number of livestock kept on the farm, their species and type, and the length of time kept on the farm. (As a minimum this must include a monthly summary by livestock type)			
Chemical fertiliser inventory detailing the quantity and type of chemical fertiliser brought onto the farm, used on the farm and retained on the farm			
Chemical fertiliser application dates, including the type and the quantity of fertiliser applied.			
Organic manure application dates, including the manure type, the nitrogen content and the quantity applied			
The quantity and type and nitrogen content of any livestock manure moved onto the farm or off of the farm, the date of the movement and the name and address of the recipient/supplier			

**Note: If any of the essential elements of the FMP or records are missing follow up action is required. If the missing information is not immediately available from the producer, then a breach has occurred.**

## Fertiliser and manure management plan –

1. **Risk assessment plan:** Confirm that the plan contains the following elements (where relevant) and that all risk areas have been correctly assessed

	Yes	No	N/A
The farm has a risk assessment plan			
The plan shows the boundary of each field			
The plan shows the location of all surface waters, wells and boreholes			
The plan shows all land with a slope of 12° or greater			
The plan shows the location of field heaps			
The plan shows other areas of high risk to the water environment			

## 2. Calculation of slurry / poultry manure storage capacity and assessment of structural integrity.

An on farm inspection is required to confirm the accuracy of the storage calculation and the structural integrity of the storage facilities.

### Visual assessment of manure storage structural integrity

#### **FYM storage on permanent sites**

	Yes	No	N/A
Permanent storage facilities have an impermeable base			
Permanent unroofed storage facilities have facilities to collect run-off			

#### **Slurry storage**

	Yes	No
Are the current storage facilities structurally sound and free from defects		
Confirm that there are no visible leaks from any slurry storage facility		

