

# Wastewater at a dairy farm

After going through this article, you will be able to demonstrate the ability to ensure the free movement of wastewater.

## In this section

- How the drainage system works.
- How to unblock blocked drains.
- What to do if you cannot unblock the drain yourself.

## The drainage system

**We need a good draining system for the milking parlour because:**

- a) Cows drop a lot of manure and urine in the parlour and in the holding pens. We use a lot of water to wash the parlour and the dairy equipment.
- b) If we do not have a draining system, all this water and manure will create mud and other problems around the parlour. It will also smell bad and create a place for flies to breed.
- c) The drainage system consists of cement furrows to take the wastewater and liquid manure to a holding pond. The holding pond is usually put at a low point on the farm so that the water can flow freely. In some cases, farmers reuse the washing water to wash floors.

## How to remove a blockage

If a blockage occurs, the wastewater will overflow the drain or furrow and will create a mess outside the drain.

**You unblock a blockage in the following way:**

1. Identify where the blockage is. It is easier to remove backwards from the pond to the parlour if you want to identify the blockage.
2. Identify what caused the blockage.
3. If possible, remove the blockage.
4. Check whether it is necessary to clean the place where the blockage occurred.
5. Try find out the why the blockage occurred and how you can prevent it from happening again.

## What to do if you are unable to remove the blockage

In some cases, you may find that you are unable to remove a blockage. If you are unable to remove a blockage, you must report it to your supervisor as soon as possible so that he/she can take the correct actions. If some place gets blocked repeatedly, you should also discuss it with your supervisor and see whether there is something you and he/she can do to prevent it from happening regularly.

# Wastewater at a dairy farm

Wastewater and liquid manure are drained away to a holding pond at a low point on the farm. The drainage system consists of cement furrows.

## Removing a blockage

1. Look: A blockage causes a mess outside the drain.
2. Where? Search from the pond backwards to the parlour.
3. What caused the blockage?
4. Remove blockage.
5. Clean and fix the place.
6. Prevent from happening again.

If you are unable to remove a blockage, report it to your supervisor so that the problem can be solved.

## Rioolwater op 'n melkplaas

Rioolwater en vloeibare mis word na 'n opgaardam gedreineer op 'n laagtepunt op die plaas. Die dreineringsstelsel bestaan uit sementvore.

### Verwydering van verstopping

1. Kyk: 'n Verstopping veroorsaak 'n gemors buite die drein.
2. Waar? Werk terug van die dam na die melkstal.
3. Wat het die verstopping veroorsaak?
4. Verwyder verstopping.
5. Maak verstopping skoon en maak reg.
6. Verhoed dat dit weer gebeur.

As jy nie die verstopping kan verwyder nie, meld dit aan jou toesighouer, sodat die probleem opgelos kan word.

## Amanzi ayindle epulazini ledeli

Amanzi ayindle nomquba ongamanzi adonselwa echibini lokuphatha endaweni esezansi epulazini. Uhlelo lokuchitha indle liqukethe imisele yesemende.

### Ukususa ukuvimbeka

1. Bheka: Ukuvimbeka kubanga ubuhliphilphi ngaphandle kwendawo yokukhipha indle.
2. Kuphi? Hlola echibini uphindele emuva egumbini lokuhlala.
3. Yini okubangela ukuvimbeka?



Drain system

4. Susa izinto.
  5. Hlanza bese ulungisa indawo leyo.
  6. Kuvimbele ukuthi kwenzekwe futhi.
- Uma ungakwazi ukususa ukuvimbeka: kubike kumphathi wakho ukuze inkinga ixazululwe.

## Metsi a ditshila polasing ya lebese

Metsi a ditshila le mekedikedi ya moetedi e tswela letangwaneng ntlheng e tlase ya polasi. Tsamaiso ya ho ntsha metsi a ditshila e entswe ka diforo tsa samente.

### Ho tlosa thibano

1. Sheba: Thibano ena e baka hore metsi a ditshila a tswele ka ntle ho dreini.
2. Hokae? Hlahloba letangwana lena ho kcutlela morao sebakeng sa ho hama.
3. Thibano ena e bakilwe ke eng?
4. Tlosa ditshila tsena.
5. Hlwekisa le ho lokisa sebaka sena.
6. Qoba hore sena se etsahale hape.



Drain blocked

Haeba o hloleha ho tlosa thibano ena: bolella mookamedi wa hao e le hore bothata bona bo ka lokiswa.

## Amanzi amdaka kwifama yobisi

Amanzi amdaka kunye nomgquba olulwelo zikhutshelwa kwichibi elizigcinayo kwindawo esezantsi efama. Le ndlel yokukhupha oku inemijelo yesamente.

### Ukulungisa ukuvaleka kwemibhobho

1. Jonga: Ukuvaleka kwemibhobho kubanga umonakalo ngaphandle kwindawo ekhupha amanzi.
2. Phi? Khangela apho echibini ubuyela umva usiya kwindawo leyo inemibhobho evalekileyo.
3. Yintoni ebangele ukuba kuvaleke imibhobho?
4. Susa oko bekuvale imibhobho.
5. Yicoce uyilungise indawo leyo.
6. Kuthintele kungaphinde kwenzekwe oku.

Ukuba ngaba awukwazi ukulungisa ukuvaleka oko kwemibhobho: xelela umphathi wakho ukuze ingxaki leyo ilungiswe. [UM](#)



Drain clean

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