

North Central Texas  
Council of Governments



*Help keep our  
waterways clean!*

- Maintain manure to prevent entry into bodies of water or storm sewers.
- Keep your facility free of trash and debris.
- Store potential stormwater contaminating materials inside or under cover; this includes all open chemicals.
- Keep your facility free of excessive oil stains or signs of liquid discharges to paved areas or soil.

Produced by:  
North Central Texas Council of  
Governments in cooperation with Regional  
Stormwater Management Program  
Participants



For more information please visit  
<https://nctcog.org/envir/watershed-management/stormwater/illicit-discharge>



**Homeowners**

*Keep the Water Pure,  
Manage Your Manure!*

Homeowners like you can benefit from learning about proper manure management. There are several methods that can be used to lessen the burden of dealing with manure from livestock.

These methods include **composting, storing & hauling,** and **spreading.** Each of these methods have advantages and disadvantages that may be relevant to your situation at home.

## Improve Soil Quality and Protect Water Quality!

### Keep the Water Pure, Manage Your Manure!

Animal manure contains a significant amount of nitrogen and phosphorous. These compounds are useful and valuable for agriculture.

However, they can be harmful if deposited into water bodies.

#### Did you know?

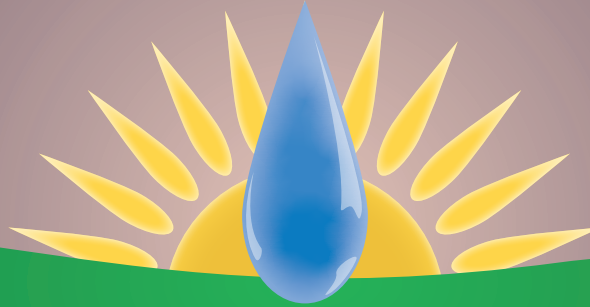
When manure is deposited into water resources, either directly or by runoff, it can negatively impact our drinking water.

To stop contamination, prevent manure from being directly deposited into water sources.

## Practice Safe Manure Management!

If you are **storing manure to be hauled away** at a later date, make sure that it is covered and sealed. Please note that landfill space may be limited.

Once full, manure containers should be hauled to a **permitted facility,** which can be an **expensive** option.



#### Did you know?

On average, one horse generates 50 pounds of manure per day, accumulating to over nine tons annually!

Additionally, **equipment** and **fluids** should be stored under a **permanent cover.** **Feed, hay,** and **bagged materials** should be stored on **pallets.**

### Avoid Enforcement!

In many cities, not properly managing manure is an **ordinance violation.**

## Be Environmentally Friendly!



Manure that enters waterways can cause ecological harm by nutrient loading which can result in algae blooms and serves as a vector for spreading pathogens such as *E. coli*.

Excess manure in waterways can lead to algae blooms which can harm and even **kill aquatic life.**

Improper spreading practices can allow contaminants to enter and **pollute** our **surface** and **groundwater resources.**

#### Did you know?

Our drinking water comes from our rivers, lakes, and streams. Take care of your manure so it doesn't end up there!

