

Northern Mariana Livestock Farmers Feeding the People, Protecting our Waters



Caring for our land, feeding our people, and keeping our waters clean begins with you!

To protect our ocean, streams, wetlands, and drinking water from muddy manure runoff, here are some easy steps to follow:

- 1 Use rocks, logs, coconut husks, erosion blankets, or plant cuttings to stop erosion.
- 2 Put animals and pens at least 30–60 feet away from ditches, streams, wetlands, and wells.
- 3 Direct clean uphill rain runoff away from animal pens and other areas with manure.
- 4 Use ditches and berms to guide manure runoff from pens away from streams.
- 5 Keep animals under a roof to reduce manure runoff when it rains.
- 6 Guide muddy and manure runoff to areas with thick grass and other vegetation.
- 7 Use manure to fertilize vegetable gardens and fruit trees — it's rich in nutrients.
- 8 Keep trash and litter off the ground and out of our streams.



If you would like help implementing these practices, please contact the Division of Environmental Quality at (670) 664-8500.

Let's keep our lands and waters clean for our families and future generations.