

2022 Current Issue Waste to Resource

Ohio is one of the most densely populated states in the United States, with just over 11.6 million people calling it home. Like many populous areas, Ohio is tasked with servicing its residents while also sustaining its natural resources across diverse geographic regions.

As a by-product of its robust population, the state is faced with the responsibility of managing different types of waste generated by individuals, households, communities, businesses, manufacturing, agriculture, and industry. Waste of all kinds has the potential to affect the environment and our natural resources. From the water we drink to the land we live on, our decisions about how to manage waste impact our communities and the world around us. How can we make responsible choices about our waste? How can we manage our growth in a way that is sustainable? How can we turn our waste into resources?

These challenges make Ohio well positioned to enact innovative and creative solutions for managing its wastes regeneratively, turning them into resources through restoration, repurposing, and recycling for the benefit of the natural environment and future generations.

Students will learn the concepts of different waste streams and the impacts of waste generation and disposal on natural resources and society. Students will also learn effective ways to manage waste regeneratively; as well as the social, economic, and political impacts of turning waste products and degraded lands into resources.

Below are the North Dakota resources for Waste Management and Recycling. The Department of Environmental Quality is the regulatory agency for waste management. There are no recycling regulations in ND so that means communities are recycling to reduce landfill costs and decreasing their waste footprint.

ND State Department Waste Management & Recycling Contacts and Information:

Chuck Hyatt, Director, Division of Waste Management

Department of Environmental Quality

4201 Normandy Street

Bismarck, ND 58503-1324

P: 701-328-5150

F: 701-328-5200

E: waste@nd.gov

Websites: <https://deg.nd.gov/wm/> <https://deg.nd.gov/WM/Recycling/>

State Regulations (Link): [North Dakota Regulations](#)

ND Extension Service Composting Videos:

2022 Envirothon Current Issue links: <https://www.youtube.com/playlist?list=PLnn8HanJ32I6JVrONIMDYuLUJ9o6nsFXi>.
(This link is not listed as public so only the people you share it with will have access)

- Here's the link for the composting diagnostics video that a quiz in it:
https://mediaspace.umn.edu/media/t/1_03sdp9ct.

Mortality composting link:

<https://www.ndsu.edu/agriculture/ag-hub/ag-topics/natural-resources-and-facilities/nutrient-management/composting-livestock/5-easy>

- Animal Carcass Disposal Options - Rendering • Incineration • Burial • Composting
 - o <https://www.ag.ndsu.edu/publications/environment-natural-resources/animal-carcass-disposal-options-rendering-incineration-burial-composting>

Below is contact information for Mary Keena, NDSU Extension Specialist, who is the resource person in ND for composting projects.

MARY KEENA
Extension Specialist / Carrington Research Extension Center
PO Box 219 / 663 Hwy. 281 N. / Carrington, ND 58421
p: 701.652.2951 / mary.keena@ndsu.edu
www.ag.ndsu.edu/CarringtonREC
www.ag.ndsu.edu/lem

City of Dickinson project "Backyard Buckets"

Below is the link to the Backyard Composting Video, it is 20 minutes in length.

<https://acuonline.instructuremedia.com/embed/3963c30a-f768-430f-a9dd-af6cd662edf1>

Rachel Shumaker, City of Dickinson Recycling Coordinator

- **701-456-7873**
- **Rachel.Shumaker@dickinsongov.com**

Cass County Soil Conservation District

https://cassscd.org/?page_id=35

City of Fargo Waste Program

[City of Fargo land fill](#)

Stutsman County Soil Conservation District (rental manure composter available)

<https://www.stutsmanscd.net/>

Stockman's Livestock, Dickinson ND (if you are in the Dickinson area)

Manure composting and final bulk product for sale to community

<http://www.gostockmens.com/stockmans.com>

City of Fargo land fill (Recycling, composting & Landfill gas renewable energy projects)

<https://fargond.gov/city-government/departments/solid-waste>

City of Bismarck Waste

<https://www.bismarcknd.gov/147/Garbage-and-Recycling>

City of Minot

<https://www.minotnd.org/285/Recycling>

Jamestown ND Recycle Center

<http://www.recyclenorthdakota.com/contact.html>

Williston Paper Shredding Recycling facility

<http://ndrecycling.com/>

